

DONDERDAG 18 OKTOBER 2018

UITGEGEVEN DOOR EURONEXT AMSTERDAM N.V.

# OFFICIELE PRIJSCOURANT


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EURONEXT AMSTERDAM

Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3N3W1	1COV 41.59TL OPENZ	EUR	1,8100	1,8100	1,8100			1,8100					
Certificate	DE000CV89L69	1COV 48.62TL OPENZ	EUR	1,2300	1,2300	1,1100	4920,0000	1	1,1100	4000				
Certificate	DE000CF6CX48	1COV 58.64TL OPENZ	EUR	0,1900	0,1900	0,1400	792,0000	2	0,1400	4300				
Certificate	NL0010653960	AABA 28.7TL OPENB	EUR	29,9800	29,9800	29,9800			29,9800					
Certificate	DE000CY16LL1	AALB 25TL OPENC	EUR	8,6200	8,6200	8,6200			8,6200					
Certificate	DE000CP06Z38	AALB 25TL OPENC	EUR	8,8200	8,8200	8,8200			8,8200					
Certificate	DE000CP06W07	AALB 28TL OPENC	EUR	5,0100	5,0100	5,0100			5,0100					
Certificate	NL0012106488	AALB 30TL OPENB	EUR	6,0300	6,1300	5,8900	9195,0000	1	5,8900	1500				
Certificate	DE000CY16HU0	AALB 30TL OPENC	EUR	3,5200	3,5200	3,5200			3,5200					
Certificate	DE000CY51600	AALB 30TL OPENC	EUR	4,4100	4,4100	4,2600	882,0000	1	4,2600	200				
Certificate	DE000CY16LK3	AALB 32TL OPENC	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	DE000CY16SZ6	AALB 33TL OPENC	EUR											
Certificate	DE000CY51618	AALB 34TL OPENC	EUR											
Certificate	DE000CP068Y7	AALB 34TL OPENC	EUR											
Certificate	DE000CP06Z46	AALB 34TS OPENC	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	DE000CP06W15	AALB 34TS OPENC	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	DE000CP06Z53	AALB 35TS OPENC	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	DE000CP06TL3	AALB 36TS OPENC	EUR	4,2600	4,2600	4,2600			4,2600					
Certificate	DE000CP06008	AALB 38TS OPENC	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	DE000CQ5BSV2	AALB 40TS OPENC	EUR	8,1400	8,1400	8,1400			8,1400					
Certificate	DE000CQ5BUR6	AALB 40TS OPENC	EUR	9,6000	9,6000	9,6000			9,6000					
Certificate	DE000CP06M41	AALB 45TS OPENC	EUR	13,2200	13,2200	13,2200			13,2200					
Certificate	DE000CY51LU9	AALB 46TS OPENC	EUR	14,4800	14,4800	14,4800			14,4800					
Certificate	DE000CY51JQ1	AALB 46TS OPENC	EUR	12,7600	12,7600	12,7600			12,7600					
Certificate	DE000CY520J7	AALB 48TS OPENC	EUR	14,7800	14,7800	14,7800			14,7800					
Certificate	DE000CY523S2	AALB 48TS OPENC	EUR	16,6000	16,6000	16,6000			16,6000					
Certificate	DE000CY51D78	AALB 50TS OPENC	EUR	16,6100	16,6100	16,6100			16,6100					
Certificate	DE000CY51E02	AALB 50TS OPENC	EUR	18,5300	18,5300	18,5300			18,5300					
Certificate	DE000CQ5BDK7	AALB 50TS OPENC	EUR	17,9300	17,9300	17,9300			17,9300					
Certificate	DE000CY52HE9	AALB 55TS OPENC	EUR	21,8300	21,8300	21,8300			21,8300					
Certificate	NL0010011763	AALB 9.1TL OPENB	EUR	24,4700	24,4700	24,4700			24,4700					
Certificate	NL0010284139	AALB 13.7TL OPENB	EUR	20,3800	20,3800	20,3800			20,3800					
Certificate	NL0010898847	AALB 18.4TL OPENB	EUR	16,4100	16,4100	16,2700			16,2700					
Certificate	NL0010903589	AALB 20.5TL OPENB	EUR	14,5100	14,5100	14,3700			14,3700					
Certificate	NL0010908489	AALB 21.6TL OPENB	EUR	13,5600	13,5600	13,4200			13,4200					
Certificate	NL0010926077	AALB 23.7TL OPENB	EUR	11,6200	11,6200	11,4800			11,4800					
Certificate	NL0011906060	AALB 25.8TL OPENB	EUR	9,7600	9,7600	9,6200			9,6200					
Certificate	NL0011993324	AALB 27.8TL OPENH	EUR	7,9400	7,9400	7,6900			7,6900					
Certificate	NL0013008592	AALB 29.6BL OPENB	EUR	3,4450	3,4450	3,3050			3,3050					
Certificate	NL0013009590	AALB 32.1TL OPENB	EUR	4,2300	4,2300	4,0900			4,0900					
Certificate	NL0012989594	AALB 32.6BL OPENB	EUR											
Certificate	LU1817099879	AALB 32.7TCIOPENS	EUR											
Certificate	NL0013009772	AALB 34.3TS OPENB	EUR	6,6800	6,7900	6,6800			6,7900					
Certificate	NL0013007909	AALB 36.3TS OPENB	EUR	8,9600	9,0700	8,9600			9,0700					
Certificate	NL0012989073	AALB 38.3TS OPENB	EUR	11,1800	11,2900	11,1800			11,2900					
Certificate	NL0012985444	AALB 40.2TS OPENB	EUR	13,4200	13,5300	13,4200			13,5300					
Certificate	NL0012498646	AALB 44.1BS OPENB	EUR	11,8450	11,9550	11,8450			11,9550					
Certificate	DE000CV4Z027	AALB 49.8TS OPENZ	EUR											
Certificate	NL0012521959	AALB 50.6TS OPENH	EUR	25,1400	25,4100	25,1400			25,4100					
Certificate	NL0011409776	AALB 15.11TL OPENH	EUR	19,2400	19,2400	18,9800			18,9800					
Certificate	NL0011442926	AALB 19.84BL OPENB	EUR	13,2150	13,2150	13,0750			13,0750					
Certificate	DE000CR4H864	AALB 21.12TL OPENZ	EUR	11,4000	11,4000	11,4000			11,4000					
Certificate	NL0011409743	AALB 22.46TL OPENH	EUR	12,7000	12,7000	12,4400			12,4400					
Certificate	NL0011409735	AALB 23.51TL OPENH	EUR	11,7600	11,7600	11,5100			11,5100					
Certificate	NL0011891981	AALB 24.42TL OPENH	EUR	10,9500	10,9500	10,7000			10,7000					



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	NL0011891973	AALB 24.94TL OPENH	EUR	10,4900	10,4900	10,2400			10,2400					
Certificate	NL0011926613	AALB 25.94TL OPENH	EUR	9,6000	9,6000	9,3500			9,3500					
Certificate	NL0013011307	AALB 26.36BL OPENB	EUR	6,6950	6,6950	6,5550			6,5550					
Certificate	DE000CR6XQQ7	AALB 26.48TL OPENZ	EUR	6,4400	6,4400	6,0700	257,6000	1	6,0700	40				
Certificate	NL0011993340	AALB 26.77TL OPENH	EUR	8,8600	8,8600	8,6100			8,6100					
Certificate	NL0011993332	AALB 27.29TL OPENH	EUR	8,4000	8,4000	8,1500			8,1500					
Certificate	NL0012029490	AALB 27.86BL OPENB	EUR	5,1850	5,1850	5,0450			5,0450					
Certificate	DE000CD627X6	AALB 27.96TL OPENZ	EUR	4,6000	4,6000	4,6000			4,6000					
Certificate	NL0012051296	AALB 28.82TL OPENH	EUR	7,0400	7,0400	6,7900			6,7900					
Certificate	LU1817099796	AALB 29.06CIOPENS	EUR	3,8000	3,8000	3,8000			3,8000					
Certificate	DE000CD648R4	AALB 29.94TL OPENZ	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	NL0012196646	AALB 30.67TL OPENH	EUR	5,4000	5,4000	5,1500			5,1500					
Certificate	LU1840980160	AALB 31.07CIOPENS	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	NL0012994719	AALB 31.11BL OPENB	EUR	1,9450	2,0700	1,8050	9936,0000	2	1,8050	4800				
Certificate	DE000CE6BTF5	AALB 31.92TL OPENZ	EUR	1,2400	1,2400	0,7100	4098,0000	6	0,7100	3800				
Certificate	NL0012199137	AALB 32.73TL OPENH	EUR											
Certificate	DE000CE6BW40	AALB 33.88TL OPENZ	EUR											
Certificate	NL0013011398	AALB 34.18BS OPENB	EUR	1,9250	2,0350	1,9250			2,0350					
Certificate	NL0013084965	AALB 34.22TS OPENH	EUR	6,4800	6,7400	6,4800			6,7400					
Certificate	LU1840978693	AALB 34.24PIOPENS	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	DE000CJ3N422	AALB 35.85TS OPENZ	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	NL0013007651	AALB 36.17BS OPENB	EUR	3,9250	4,0350	3,9250			4,0350					
Certificate	NL0012988893	AALB 38.17BS OPENB	EUR	5,9150	6,0250	5,9150			6,0250					
Certificate	NL0012894596	AALB 38.93TS OPENH	EUR	11,8200	12,0800	11,8200			12,0800					
Certificate	NL0012934509	AALB 39.18TS OPENH	EUR	12,1100	12,3700	12,1100			12,3700					
Certificate	NL0012895072	AALB 39.22TS OPENH	EUR	12,1500	12,4200	12,1500			12,4200					
Certificate	LU1790692294	AALB 39.72PIOPENS	EUR	7,3600	7,3600	7,3600			7,3600					
Certificate	DE000CV8AXE7	AALB 39.85TS OPENZ	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	NL0012985584	AALB 40.15BS OPENB	EUR	7,9050	8,0150	7,9050			8,0150					
Certificate	NL0012933543	AALB 40.22TS OPENH	EUR	13,2900	13,5600	13,2900			13,5600					
Certificate	NL0012922066	AALB 41.16TS OPENH	EUR	14,3700	14,6300	14,3700			14,6300					
Certificate	LU1790427030	AALB 42.05PIOPENS	EUR	9,5500	9,5500	9,5500			9,5500					
Certificate	NL0012919559	AALB 42.14TS OPENH	EUR	15,4900	15,7500	15,4900			15,7500					
Certificate	NL0012918460	AALB 43.13TS OPENH	EUR	16,6200	16,8800	16,6200			16,8800					
Certificate	NL0012598221	AALB 43.77TS OPENH	EUR	17,3400	17,6100	17,3400			17,6100					
Certificate	NL0012536403	AALB 44.42TS OPENH	EUR	18,0900	18,3600	18,0900			18,3600					
Certificate	DE000CE6ETB8	AALB 44.83TS OPENZ	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	NL0012592653	AALB 45.69TS OPENH	EUR	19,5300	19,8000	19,5300			19,8000					
Certificate	NL0012530968	AALB 46.82TS OPENH	EUR	20,8200	21,0900	20,8200			21,0900					
Certificate	NL0012605315	AALB 48.81TS OPENH	EUR	23,1000	23,3700	23,1000			23,3700					
Certificate	NL0012523815	AALB 50.64TS OPENH	EUR	25,1800	25,4500	25,1800			25,4500					
Certificate	NL0012593354	AALB 54.57TS OPENH	EUR	29,6800	29,9500	29,6800			29,9500					
Certificate	DE000CV87XX8	AALB 54.79TS OPENZ	EUR											
Certificate	DE000CN6KSV4	ABB 16.6TL OPENZ	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	DE000CM4ARJ8	ABB 12.65TL OPENZ	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	DE000CK6V1W0	ABB 14.55TL OPENZ	EUR	6,2600	6,2600	6,2600			6,2600					
Certificate	DE000CN6J166	ABB 15.82TL OPENZ	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CN6L329	ABB 17.79TL OPENZ	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	DE000CD62K55	ABB 19.15TL OPENZ	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	DE000CV8A682	ABB 21.23TL OPENZ	EUR											
Certificate	DE000CN6ERP1	ABBV 41.1TL OPENZ	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	DE000CY5ZSH9	ABLIZ 60TL OPENC	EUR											
Certificate	DE000CY5ZSG1	ABLIZ 65TL OPENC	EUR											
Certificate	DE000CN6KY55	ABLIZ29.94TL OPENZ	EUR	7,8100	7,8100	7,8100			7,8100					
Certificate	DE000CN6KZ21	ABLIZ34.36TL OPENZ	EUR	7,0700	7,0700	7,0700			7,0700					
Certificate	NL0012795983	ABN LEVOPENZ	EUR	34,5500	34,5500	34,5500			34,5500					
Certificate	NL0012796023	ABN SHROPENZ	EUR	67,4500	67,4500	67,4500			67,4500					
Certificate	XS1395021915	ABN STN0419B	EUR	106,7000	106,7000	106,6000			106,6000					
Certificate	DE000CY16LX6	ABN 15TL OPENC	EUR	9,8100	9,8100	9,8100			9,8100					
Certificate	DE000CY51402	ABN 16TL OPENC	EUR	7,9300	7,9300	7,9300			7,9300					
Certificate	DE000CY518K1	ABN 16TL OPENC	EUR	8,3600	8,3600	8,3600			8,3600					
Certificate	DE000CY16LW8	ABN 18TL OPENC	EUR	6,7600	6,7600	6,7600			6,7600					
Certificate	DE000CY518L9	ABN 18TL OPENC	EUR	6,4300	6,4300	6,4300			6,4300					
Certificate	DE000CV8A853	ABN 19TL 1218Z	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	DE000CY16LV0	ABN 20TL OPENC	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	DE000CY51634	ABN 20TL OPENC	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	DE000CV8AAZ0	ABN 21TL 1218Z	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	DE000CP06214	ABN 22TL OPENC	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	DE000CP06016	ABN 22TL OPENC	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	DE000CY16T09	ABN 22TL OPENC	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	NL0012976609	ABN 24BOCO619B	EUR	22,9300	22,9300	22,6600			22,6600					
Certificate	DE000CP06TM1	ABN 24TS OPENC	EUR	1,7400	2,2700	1,7400	88,7400	1	2,2700	51				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012796064	ABN 25BON1219Z	EUR	22,6100	22,6100	22,6100			22,6100					
Certificate	NL0012236152	ABN 26BON1218Z	EUR	25,4550	25,4550	25,4550			25,4550					
Certificate	DE000CY523T0	ABN 26TS OPENC	EUR											
Certificate	DE000CY523D4	ABN 26TS OPENC	EUR											
Certificate	DE000CQ58DM3	ABN 26TS OPENC	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	DE000CQ58238	ABN 26TS OPENC	EUR	3,6600	3,6600	3,6600			3,6600					
Certificate	NL0012648364	ABN 27BON1218Z	EUR	26,2950	26,2950	26,2950			26,2950					
Certificate	NL0012648687	ABN 27BON0619Z	EUR	24,9350	24,9350	24,9350			24,9350					
Certificate	DE000CQ5A768	ABN 28TS OPENC	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	DE000CY52V34	ABN 28TS OPENC	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	NL0012648372	ABN 29BON0619Z	EUR	25,9900	25,9900	25,9900			25,9900					
Certificate	DE000CY51GK0	ABN 30TS OPENC	EUR	7,1000	7,4500	7,0600	355,0000	1	7,4500	50				
Certificate	DE000CY52LV5	ABN 32TS OPENC	EUR	9,6900	9,6900	9,6900			9,6900					
Certificate	DE000CY51UL9	ABN 32TS OPENC	EUR	8,3800	8,3800	8,3800			8,3800					
Certificate	DE000CY16T17	ABN 32TS OPENC	EUR	7,0100	7,0100	7,0100			7,0100					
Certificate	DE000CY52HG4	ABN 34TS OPENC	EUR	10,4700	10,4700	10,4700			10,4700					
Certificate	DE000CV89ED6	ABN 29.TS OPENZ	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	NL0011420625	ABN 6.3TL OPENH	EUR	17,0000	17,0000	16,5500			16,5500					
Certificate	NL0012036271	ABN 17.7TL OPENB	EUR	6,3950	6,4950	6,0050	15880,0000	5	6,0050	2500				
Certificate	NL0012037816	ABN 18.2TL OPENB	EUR	5,9250	5,9250	5,5350			5,5350					
Certificate	NL0012038285	ABN 18.5BL OPENB	EUR	4,5350	4,5350	4,1450	1115,0000	1	4,1450	250				
Certificate	DE000CD64DU3	ABN 19.1TL OPENZ	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	DE000CD64BM4	ABN 19.8TL OPENZ	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	DE000CV8A9H4	ABN 21.8TL OPENZ	EUR	0,1700	0,1700	0,1500	22,9500	1	0,1500	135				
Certificate	NL0013008824	ABN 24.1BS OPENB	EUR	1,4650	1,8650	1,4650			1,8650					
Certificate	NL0012684369	ABN 25.1BS OPENB	EUR	2,4650	2,8650	2,4650	1275,0000	1	2,8650	500				
Certificate	NL0012795744	ABN 25.5BON0619Z	EUR	22,2900	22,2900	22,2900			22,2900					
Certificate	NL0012494454	ABN 25.6BON1218B	EUR	25,3900	25,3900	25,2900			25,2900					
Certificate	NL0013003205	ABN 25.9BON0919B	EUR	22,6400	22,6400	22,1700			22,1700					
Certificate	NL0012648893	ABN 27.5BON1218Z	EUR	25,8600	25,8600	25,8600			25,8600					
Certificate	NL0012648679	ABN 28.5BON1218Z	EUR	24,8250	24,8250	24,8250			24,8250					
Certificate	NL0012648901	ABN 29.5BON0619Z	EUR	24,7000	24,7000	24,7000			24,7000					
Certificate	NL0011420641	ABN 3.15TL OPENH	EUR	19,9200	19,9200	19,4800			19,4800					
Certificate	NL0011420633	ABN 4.73TL OPENH	EUR	18,4600	18,4600	18,0100			18,0100					
Certificate	NL0011420617	ABN 7.87TL OPENH	EUR	15,5300	15,5300	15,0900			15,0900					
Certificate	NL0011420609	ABN 9.44TL OPENH	EUR	14,0700	14,0700	13,6300			13,6300					
Certificate	NL0011420591	ABN 10.75TL OPENH	EUR	12,8500	12,8500	12,4100			12,4100					
Certificate	NL0011420575	ABN 11.27TL OPENH	EUR	12,3600	12,3600	11,9200			11,9200					
Certificate	NL0011521158	ABN 11.64BL OPENB	EUR	11,3850	11,3850	10,9950	11380,0000	1	10,9950	1000				
Certificate	NL0011420559	ABN 11.79TL OPENH	EUR	11,8800	11,8800	11,4300			11,4300					
Certificate	DE000CV89YF9	ABN 12.82TL OPENZ	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	NL0011914825	ABN 13.58TL OPENB	EUR	10,2150	10,2150	9,8250			9,8250					
Certificate	DE000CD62K63	ABN 13.94TL OPENZ	EUR	9,0300	9,0300	9,0300			9,0300					
Certificate	NL0011918024	ABN 14.62TL OPENB	EUR	9,2550	9,2550	8,8650			8,8650					
Certificate	DE000CD62C22	ABN 14.85TL OPENZ	EUR	7,6100	7,6100	7,6100			7,6100					
Certificate	NL0011919626	ABN 15.14TL OPENB	EUR	8,7750	8,7750	8,3850			8,3850					
Certificate	NL0012020275	ABN 15.64TL OPENB	EUR	8,3150	8,3150	7,9250	1615,0000	2	7,9250	200				
Certificate	DE000CD62PW7	ABN 15.84TL OPENZ	EUR	6,6200	6,6200	6,6200			6,6200					
Certificate	DE000CD63A31	ABN 16.52TL OPENZ	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	DE000CD62TQ1	ABN 16.83TL OPENZ	EUR	5,6400	5,6400	5,6400			5,6400					
Certificate	NL0012024657	ABN 17.19TL OPENB	EUR	6,8650	6,8650	6,4750			6,4750					
Certificate	NL0012024079	ABN 17.45BL OPENB	EUR	5,5850	5,5850	5,1950			5,1950					
Certificate	DE000CD63DN0	ABN 18.32TL OPENZ	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	NL0012038293	ABN 19.03BL OPENB	EUR	4,0050	4,0050	3,6150			3,6150					
Certificate	NL0012114003	ABN 19.22TL OPENB	EUR	4,9750	4,9750	4,5850			4,5850					
Certificate	NL0012114326	ABN 19.55BL OPENB	EUR	3,4950	3,4950	3,1050			3,1050					
Certificate	NL0012257760	ABN 19.72TL OPENB	EUR	4,5150	4,5150	4,1250			4,1250					
Certificate	NL0012114631	ABN 20.07BL OPENB	EUR	2,9750	2,9750	2,5850			2,5850					
Certificate	NL0012259360	ABN 20.23TL OPENB	EUR	4,0450	4,0450	3,6550			3,6550					
Certificate	NL0012258800	ABN 20.59BL OPENB	EUR	2,4550	2,4550	2,0650	1095,0000	1	2,0650	500				
Certificate	NL0012794556	ABN 20.73TL OPENB	EUR	3,5650	3,5650	3,1750			3,1750					
Certificate	LU1493084070	ABN 21.01TCIOPENS	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	NL0012983134	ABN 21.19BL OPENB	EUR	1,8550	1,8550	1,4650			1,4650					
Certificate	NL0012983530	ABN 21.69BL OPENB	EUR	1,3550	1,3550	0,9650			0,9650					
Certificate	NL0012983308	ABN 21.85TL OPENB	EUR	2,5350	2,5350	2,1450			2,1450					
Certificate	NL0012984769	ABN 22.19BL OPENB	EUR	0,8550	0,9200	0,4650	230,0000	1	0,4650	250				
Certificate	LU1521264090	ABN 22.23TCIOPENS	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	LU1573509863	ABN 22.24TCIOPENS	EUR	2,0500	2,0500	1,7900	1025,0000	1	1,7900	500				
Certificate	NL0012985022	ABN 22.33TL OPENB	EUR	2,0750	2,0750	1,6850			1,6850					
Certificate	LU1790555624	ABN 22.56TCIOPENS	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	NL0012990949	ABN 22.68BL OPENB	EUR											
Certificate	LU1817291989	ABN 22.83TCIOPENS	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013011802	ABN 23.31TS OPENB	EUR	2,3650	2,7650	2,3650			2,7650					
Certificate	LU1841028548	ABN 23.38TPIOPENS	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	NL0013009780	ABN 23.81TS OPENB	EUR	2,9150	3,3150	2,9150			3,3150					
Certificate	LU1840978776	ABN 24.25TPIOPENS	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	NL0012789945	ABN 24.28TS OPENB	EUR	3,4250	3,8250	3,4250			3,8250					
Certificate	NL0012789952	ABN 24.78TS OPENB	EUR	3,9550	4,3550	3,9550			4,3550					
Certificate	DE000CV89BM3	ABN 25.02TS OPENZ	EUR	0,4900	0,5400	0,4900	310,0000	2	0,5400	600				
Certificate	NL0012683098	ABN 25.72TS OPENB	EUR	4,9850	5,3850	4,9850			5,3850					
Certificate	LU1790699620	ABN 25.81TPIOPENS	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	NL0012683775	ABN 26.08BS OPENB	EUR	3,4350	3,8350	3,4350			3,8350					
Certificate	NL0012679146	ABN 26.19TS OPENB	EUR	5,4850	5,8850	5,4850			5,8850					
Certificate	DE000CV89BN1	ABN 27.01TS OPENZ	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	NL0013007669	ABN 27.08BS OPENB	EUR	4,4350	4,8350	4,4350	1112,5000	1	4,8350	250				
Certificate	NL0012677611	ABN 28.65TS OPENB	EUR	8,1450	8,5450	8,1450			8,5450					
Certificate	NL0011904891	ABN 9.509BL OPENB	EUR	13,5350	13,5350	13,1450			13,1450					
Certificate	XS0657770458	ABN0%3MEURIBFRN24	EUR											
Certificate	NL0009980986	ABN0%INFLATNLKD22	EUR											
Certificate	DE000CN6KM26	ACCEN108.5TL OPENZ	EUR	2,0850	2,0850	2,0850			2,0850					
Certificate	DE000CE6DGE1	ACCEN122.8TL OPENZ	EUR	1,4650	1,4650	1,4650			1,4650					
Certificate	DE000CJ3NWS9	ACCEN138.9TL OPENZ	EUR	0,7650	0,7650	0,7650			0,7650					
Certificate	DE000CV8BDW9	ACCEN160.1TL OPENZ	EUR											
Certificate	DE000CR9NTA0	ACCEN85.83TL OPENZ	EUR	3,0750	3,0750	3,0750			3,0750					
Certificate	DE000CR9NUP6	ACCEN96.12TL OPENZ	EUR	2,6250	2,6250	2,6250			2,6250					
Certificate	DE000CV50608	ACCG 13.7TL OPENZ	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000CE6FNN3	ACCG 15.3TL OPENZ	EUR	0,3950	0,3950	0,3950			0,3950					
Certificate	DE000CJ3N6V6	ACCG 9.53TL OPENZ	EUR	1,4850	1,4850	1,4850			1,4850					
Certificate	DE000CV8B3E3	ACCG 10.53TL OPENZ	EUR	1,2950	1,2950	1,2950			1,2950					
Certificate	DE000CV8B3F0	ACCG 11.59TL OPENZ	EUR	1,0950	1,0950	1,0950			1,0950					
Certificate	NL0013009608	ACCG 12.51TL OPENB	EUR	1,0000	1,0000	0,9800			0,9800					
Certificate	DE000CV8B3G8	ACCG 12.64TL OPENZ	EUR	0,8950	0,8950	0,8950			0,8950					
Certificate	NL0013005788	ACCG 13.51TL OPENB	EUR	0,8200	0,8200	0,8000			0,8000					
Certificate	NL0012999114	ACCG 14.52TL OPENB	EUR	0,6300	0,6300	0,6100			0,6100					
Certificate	NL0013011653	ACCG 15.52TL OPENB	EUR	0,4400	0,4400	0,4200			0,4200					
Certificate	NL0013009798	ACCG 16.49TS OPENB	EUR											
Certificate	NL0012999148	ACCG 18.46TS OPENB	EUR	0,6600	0,6800	0,6600			0,6800					
Certificate	NL0012999155	ACCG 20.96TS OPENB	EUR	1,2000	1,2200	1,2000			1,2200					
Certificate	NL0010126686	ACCOR 19TL OPENB	EUR	2,4050	2,4050	2,4050			2,4050					
Certificate	NL0012259378	ACCOR 38TL OPENB	EUR	0,6450	0,6450	0,6350			0,6350					
Certificate	NL0011650528	ACCOR 29.7TL OPENB	EUR	1,4150	1,4150	1,4050			1,4050					
Certificate	NL0012100432	ACCOR 33.9TL OPENB	EUR	1,0250	1,0250	1,0150			1,0150					
Certificate	DE000CV4YYJ3	ACCOR 39.3TL OPENZ	EUR											
Certificate	NL0013001803	ACCOR 40.1TL OPENB	EUR	0,4550	0,4550	0,4450			0,4450					
Certificate	NL0013001902	ACCOR 45.7TS OPENB	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	DE000CV89CP4	ACCOR29.76TL OPENZ	EUR											
Certificate	DE000CV4YXF3	ACCOR34.81TL OPENZ	EUR											
Certificate	DE000CD62UK2	ACKBV 113.1TL OPENZ	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	DE000CD63880	ACKBV 119.1TL OPENZ	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000CR4JAK8	ACKBV102.2TL OPENZ	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	DE000CD62D13	ACKBV107.1TL OPENZ	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	NL0013007545	ACKBV115.3BL OPENB	EUR	1,4150	1,4150	1,3850			1,3850					
Certificate	DE000CD640C3	ACKBV124.9TL OPENZ	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	NL0012997886	ACKBV125.3BL OPENB	EUR	0,9150	0,9150	0,8850			0,8850					
Certificate	DE000CE6BL84	ACKBV131.9TL OPENZ	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	NL0012997894	ACKBV135.3BL OPENB	EUR	0,4150	0,4150	0,3850			0,3850					
Certificate	DE000CE6BXH3	ACKBV138.8TL OPENZ	EUR											
Certificate	DE000CJ3N2S1	ACKBV157.3TS OPENZ	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	NL0012998124	ACKBV159.5BS OPENB	EUR	1,0450	1,0650	1,0450			1,0650					
Certificate	DE000CE6CKK5	ACKBV172.3TS OPENZ	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	NL0012998132	ACKBV179.5BS OPENB	EUR	2,0350	2,0650	2,0350			2,0650					
Certificate	DE000CV88P17	ACKBV192.2TS OPENZ	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	DE000CR4HZN3	ACKBV92.18TL OPENZ	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	DE000CR4J3W9	ACKBV97.16TL OPENZ	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	DE000CV8AY41	ACS 26.18TL OPENZ	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	DE000CV8AUR5	ACS 31.39TL OPENZ	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	DE000CJ3NRV3	ADECC34.48TL OPENZ	EUR	1,3050	1,3050	1,3050			1,3050					
Certificate	DE000CV89EV8	ADECC40.51TL OPENZ	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	DE000CV88NW9	ADECC45.56TL OPENZ	EUR	0,3450	0,3450	0,3450			0,3450					
Certificate	DE000CX0H807	ADIDA 80TL OPENC	EUR	11,5800	11,5800	11,5800			11,5800					
Certificate	NL0011803648	ADIDA 104TL OPENB	EUR	10,5350	10,5350	10,2450			10,2450					
Certificate	DE000CX01K48	ADIDA 105TL OPENC	EUR	8,6800	8,6800	8,6800			8,6800					
Certificate	DE000CX0KWQ7	ADIDA 120TL OPENC	EUR	7,1200	7,1200	7,1200			7,1200					
Certificate	DE000CX5M96	ADIDA 130TL OPENC	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	NL0011996434	ADIDA 135TL OPENH	EUR	7,5900	7,5900	7,2200			7,2200					
Certificate	DE000CX59YB7	ADIDA 140TL OPENC	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	DE000CY16B57	ADIDA 150TL OPENC	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	DE000CY16D12	ADIDA 160TL OPENC	EUR	3,2300	3,2300	3,2300			3,2300					
Certificate	DE000CY501T6	ADIDA 180TS OPENC	EUR											
Certificate	NL0012925705	ADIDA 181TL OPENH	EUR	3,2900	3,2900	2,9200			2,9200					
Certificate	NL0012601629	ADIDA 226TS OPENH	EUR	4,0900	4,4900	4,0900			4,4900					
Certificate	NL0012605844	ADIDA 246TS OPENH	EUR	6,2300	6,3000	6,2300			6,3000					
Certificate	DE000CN6L4W0	ADIDA 109.TL OPENZ	EUR	89,2900	89,2900	89,2900			89,2900					
Certificate	DE000CE68XK7	ADIDA 158.TL OPENZ	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	NL0011050786	ADIDA 44.9TL OPENH	EUR	16,0200	16,0200	15,6400			15,6400					
Certificate	NL0011050760	ADIDA 54.4TL OPENH	EUR	15,1300	15,1300	14,7500			14,7500					
Certificate	NL0011240718	ADIDA 58.7TL OPENH	EUR	14,7300	14,7300	14,3600			14,3600					
Certificate	NL0011797162	ADIDA 92.3TL OPENB	EUR	11,6250	11,6250	11,3350			11,3350					
Certificate	NL0011798913	ADIDA 98.7TL OPENB	EUR	11,0350	11,0350	10,7450			10,7450					
Certificate	NL0011733159	ADIDA105.2TL OPENH	EUR	10,3700	10,3700	10,0000			10,0000					
Certificate	NL0011818125	ADIDA109.6TL OPENB	EUR	10,0150	10,0150	9,7250			9,7250					
Certificate	NL0011889373	ADIDA115.6TL OPENH	EUR	9,4000	9,4000	9,0300			9,0300					
Certificate	DE000CD61K80	ADIDA120.2TL OPENZ	EUR	78,0300	78,0300	78,0300			78,0300					
Certificate	NL0011926621	ADIDA125.6TL OPENH	EUR	8,4700	8,4700	8,1000			8,1000					
Certificate	NL0011910179	ADIDA127.6TL OPENB	EUR	8,3450	8,3450	8,0550			8,0550					
Certificate	DE000CD62A73	ADIDA132.2TL OPENZ	EUR	66,1200	66,1200	66,1200			66,1200					
Certificate	NL0012033773	ADIDA134.2TL OPENB	EUR	7,7250	7,7250	7,4350			7,4350					
Certificate	NL0012175012	ADIDA145.2TL OPENH	EUR	6,6400	6,6400	6,2700			6,2700					
Certificate	NL0012113799	ADIDA148.4TL OPENB	EUR	6,4150	6,4150	6,1250			6,1250					
Certificate	NL0012197354	ADIDA155.2TL OPENH	EUR	5,7000	5,7000	5,3300			5,3300					
Certificate	NL0012116024	ADIDA164.1TL OPENB	EUR	4,9450	4,9450	4,6550			4,6550					
Certificate	NL0012555346	ADIDA164.6TL OPENH	EUR	4,8200	4,8200	4,4500			4,4500					
Certificate	NL0012549497	ADIDA164.8TL OPENH	EUR	4,8100	4,8100	4,4400			4,4400					
Certificate	NL0012594949	ADIDA170.3TL OPENH	EUR	4,2900	4,2900	3,9200			3,9200					
Certificate	NL0012594931	ADIDA175.3TL OPENH	EUR	3,8200	3,8200	3,4500			3,4500					
Certificate	NL0012774590	ADIDA181.1TL OPENB	EUR	3,3650	3,3650	3,0750			3,0750					
Certificate	DE000CJ3NPL8	ADIDA187.9TL OPENZ	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	NL0013012578	ADIDA190.2TL OPENB	EUR	2,5150	2,5150	2,2250			2,2250					
Certificate	NL0013084973	ADIDA195.2TL OPENH	EUR	1,9700	1,9700	1,6000			1,6000					
Certificate	NL0013084114	ADIDA200.2TS OPENH	EUR											
Certificate	NL0013007271	ADIDA209.7TS OPENB	EUR	2,4650	2,7650	2,4650			2,7650					
Certificate	NL0012892376	ADIDA219.8TS OPENH	EUR	3,4100	3,8100	3,4100			3,8100					
Certificate	NL0012937999	ADIDA224.5TS OPENH	EUR	3,9200	4,3200	3,9200			4,3200					
Certificate	NL0012595508	ADIDA225.6TS OPENH	EUR	4,0400	4,4400	4,0400			4,4400					
Certificate	NL0012213904	ADIDA227.4TS OPENH	EUR	4,2300	4,6600	4,2300	32,6200	1	4,6300	7				
Certificate	NL0012282248	ADIDA230.4TS OPENH	EUR	4,7050	5,0050	4,7050			5,0050					
Certificate	NL0012894091	ADIDA234.8TS OPENH	EUR	5,0300	5,4300	5,0300			5,4300					
Certificate	NL0012988687	ADIDA253.8TS OPENB	EUR	7,2350	7,5350	7,2350			7,5350					
Certificate	NL0012602593	ADIDA255.7TS OPENH	EUR	7,2700	7,6800	7,2700			7,6800					
Certificate	DE000CX00WU5	ADOBE 85TL OPENC	EUR	13,3800	13,3800	13,3800			13,3800					
Certificate	DE000CY50XV4	ADOBE 130TL OPENC	EUR	10,6400	10,6400	10,6400			10,6400					
Certificate	DE000CY50V51	ADOBE 130TL OPENC	EUR	9,7300	9,7300	9,7300			9,7300					
Certificate	DE000CY50XW2	ADOBE 140TL OPENC	EUR	9,7800	9,7800	9,7800			9,7800					
Certificate	DE000CY50V69	ADOBE 140TL OPENC	EUR	8,8000	8,8000	8,8000			8,8000					
Certificate	DE000CY51V84	ADOBE 150TL OPENC	EUR	8,0400	8,0400	8,0400			8,0400					
Certificate	DE000CY51YP2	ADOBE 150TL OPENC	EUR	9,0900	9,0900	9,0900			9,0900					
Certificate	DE000CY51V92	ADOBE 160TL OPENC	EUR	7,1200	7,1200	7,1200			7,1200					
Certificate	DE000CY51YQ0	ADOBE 160TL OPENC	EUR	8,2400	8,2400	8,2400			8,2400					
Certificate	DE000CY52FC7	ADOBE 170TL OPENC	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	DE000CY52D23	ADOBE 170TL OPENC	EUR	6,3000	6,3000	6,3000			6,3000					
Certificate	DE000CY52MR1	ADOBE 180TL OPENC	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	DE000CQ5A1A9	ADOBE 180TL OPENC	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	NL0012977169	ADYEN 464BL OPENB	EUR	14,5100	15,0100	14,5100			15,0100					
Certificate	NL0012970891	ADYEN 173.TL OPENB	EUR	43,3100	43,8100	43,3100			43,8100					
Certificate	NL0012971436	ADYEN 362.TL OPENB	EUR	25,7200	27,6400	25,7200	1381,0000	1	26,2200	50				
Certificate	NL0013007677	ADYEN 623.BS OPENB	EUR	4,5000	4,5000	4,0300			4,0300					
Certificate	NL0012997803	ADYEN 744.TS OPENB	EUR	21,1100	21,1100	20,6400			20,6400					
Certificate	NL0012970933	ADYEN181.7BL OPENB	EUR	42,7500	43,2500	42,7500			43,2500					
Certificate	NL0012970941	ADYEN201.9BL OPENB	EUR	40,7300	41,2300	40,7300			41,2300					
Certificate	NL0012970917	ADYEN216.2TL OPENB	EUR	39,2900	39,7900	39,2900			39,7900					
Certificate	NL0012971337	ADYEN252.3BL OPENB	EUR	35,6800	36,1800	35,6800			36,1800					
Certificate	DE000CV89H08	ADYEN261.7TL OPENZ	EUR											
Certificate	NL0012971170	ADYEN271.5TL OPENB	EUR	34,1400	34,6400	34,1400			34,6400					
Certificate	NL0012971329	ADYEN302.7BL OPENB	EUR	30,6400	31,1400	30,6400			31,1400					
Certificate	NL0012971188	ADYEN321.8TL OPENB	EUR	29,4700	29,9700	29,4700			29,9700					
Certificate	DE000CV89GH2	ADYEN347.7TL 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	NL0012971592	ADYEN383.5BL OPENB	EUR	22,5700	23,0700	22,5700			23,0700					
Certificate	DE000CV89KV5	ADYEN390.4TL OPENZ	EUR											
Certificate	NL0012971600	ADYEN403.6BL OPENB	EUR	20,5500	21,0500	20,5500			21,0500					
Certificate	NL0012973515	ADYEN423.7BL OPENB	EUR	18,5400	19,0400	18,5400			19,0400					
Certificate	DE000CV89M92	ADYEN433.1TL OPENZ	EUR	4,2000	4,2000	4,2000	163,8000	2	4,2000	39				
Certificate	NL0012973424	ADYEN442.2TL OPENB	EUR	18,2600	20,0300	18,2600	6951,5000	2	18,7600	350				
Certificate	NL0012973523	ADYEN443.9BL OPENB	EUR	16,5200	18,0000	16,5200	3573,0000	2	17,0200	200				
Certificate	DE000CV89WA4	ADYEN445.9TL OPENZ	EUR	3,4300	3,4300	3,4300	82,3200	1	3,4300	24				
Certificate	DE000VA71564	ADYEN481.2TL OPENV	EUR	11,8400	11,8400	11,8400			11,8400					
Certificate	NL0012978191	ADYEN482.1TL OPENB	EUR	14,5500	15,0500	14,5500			15,0500					
Certificate	NL0012977177	ADYEN484.1BL OPENB	EUR	12,5000	13,5400	12,5000	836,2300	2	13,0000	62				
Certificate	DE000VA71572	ADYEN491.2TL OPENV	EUR	10,8400	10,8400	10,8400			10,8400					
Certificate	DE000VA71580	ADYEN501.2TL OPENV	EUR	9,8400	9,8400	9,8400			9,8400					
Certificate	NL0012979157	ADYEN502.1TL OPENB	EUR	12,6800	14,6900	12,6800	25149,8200	12	13,1800	1770				
Certificate	NL0012979413	ADYEN504.3BL OPENB	EUR	10,4800	10,9800	10,4800			10,9800					
Certificate	DE000VA71598	ADYEN511.2TL OPENV	EUR	8,8400	8,8400	8,8400			8,8400					
Certificate	DE000CV8ALS2	ADYEN518.7TL OPENZ	EUR											
Certificate	DE000VA77F14	ADYEN521.2TL OPENV	EUR	9,6100	9,6100	7,8300	282,0400	3	7,8300	32				
Certificate	NL0012986970	ADYEN521.7TL OPENB	EUR	10,8600	12,8400	10,8600	513,6000	1	11,3600	40				
Certificate	NL0012986772	ADYEN524.3BL OPENB	EUR	8,4800	10,4700	8,4800	1115,3600	4	8,9800	116				
Certificate	DE000VA71TA2	ADYEN531.2TL OPENV	EUR	6,8300	6,8300	6,8300			6,8300					
Certificate	DE000VA71W19	ADYEN541.2TL OPENV	EUR	5,8380	5,8380	5,8380			5,8380					
Certificate	DE000VA71W27	ADYEN551.2TL OPENV	EUR	4,8380	4,8380	4,8380			4,8380					
Certificate	NL0013012123	ADYEN551.7TL OPENB	EUR	8,0700	10,1400	8,0700	10740,0000	3	8,5700	1100				
Certificate	NL0013013147	ADYEN554.2BL OPENB	EUR	5,4900	5,9900	5,4900			5,9900					
Certificate	DE000VA710B6	ADYEN561.2TL OPENV	EUR	4,0200	4,0200	4,0200			4,0200					
Certificate	DE000CV8B2R7	ADYEN561.4TL OPENZ	EUR											
Certificate	NL0013011406	ADYEN563.2BS OPENB	EUR											
Certificate	DE000CJ3PDD6	ADYEN563.7TL OPENZ	EUR											
Certificate	NL0013011810	ADYEN565.2TS OPENB	EUR											
Certificate	DE000VA710C4	ADYEN571.2TL OPENV	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	DE000VA71WL3	ADYEN571.8TS OPENV	EUR											
Certificate	DE000VA71S15	ADYEN571.8TS OPENV	EUR											
Certificate	DE000VA710D2	ADYEN581.2TL OPENV	EUR											
Certificate	NL0013012586	ADYEN581.7TL OPENB	EUR											
Certificate	DE000VA71S23	ADYEN581.8TS OPENV	EUR											
Certificate	NL0013013154	ADYEN584.2BL OPENB	EUR											
Certificate	DE000VA710E0	ADYEN591.2TL OPENV	EUR											
Certificate	DE000VA71S31	ADYEN591.8TS OPENV	EUR											
Certificate	DE000VA71S49	ADYEN601.8TS OPENV	EUR											
Certificate	DE000VA71S56	ADYEN611.8TS OPENV	EUR											
Certificate	DE000VA77FX8	ADYEN621.8TS OPENV	EUR	4,2950	4,2950	4,2950			4,2950					
Certificate	NL0013007917	ADYEN625.2TS OPENB	EUR	8,2700	8,2700	7,5800	758,0000	1	7,8000	100				
Certificate	DE000VA77FY6	ADYEN631.8TS OPENV	EUR	5,1940	5,1940	5,1940			5,1940					
Certificate	DE000VA77FZ3	ADYEN641.8TS OPENV	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	DE000VA77F06	ADYEN651.8TS OPENV	EUR	7,1900	7,1900	7,1900			7,1900					
Certificate	DE000VA77DF0	ADYEN661.9TS OPENV	EUR	6,3800	8,1900	6,3800	25,5200	1	8,1900	4				
Certificate	DE000VA77DG8	ADYEN671.9TS OPENV	EUR	9,1900	9,1900	9,1900			9,1900					
Certificate	DE000VA77DH6	ADYEN681.9TS OPENV	EUR	10,1900	10,1900	10,1900			10,1900					
Certificate	NL0013006182	ADYEN682.9BS OPENB	EUR	10,4900	10,4900	10,0200			10,0200					
Certificate	NL0013005903	ADYEN685.1TS OPENB	EUR	14,7400	14,7400	14,2700			14,2700					
Certificate	DE000VA77DJ2	ADYEN691.9TS OPENV	EUR	11,1900	11,1900	11,1900			11,1900					
Certificate	DE000VA77AP5	ADYEN701.9TS OPENV	EUR	12,1800	12,1800	12,1800			12,1800					
Certificate	DE000VA77AQ3	ADYEN711.9TS OPENV	EUR	13,1800	13,1800	13,1800			13,1800					
Certificate	DE000VA77PV42	ADYEN721.9TS OPENV	EUR	14,1700	14,1700	14,1700			14,1700					
Certificate	DE000VA67ZG3	ADYEN732.5TS OPENV	EUR	15,1600	15,1600	15,1600			15,1600					
Certificate	DE000VA67ZH1	ADYEN742.5TS OPENV	EUR	16,1600	16,1600	16,1600			16,1600					
Certificate	NL0012997647	ADYEN742.8BS OPENB	EUR	16,4800	16,4800	16,0100			16,0100					
Certificate	DE000VA64XC5	ADYEN752.3TS OPENV	EUR	17,1600	17,1600	17,1600			17,1600					
Certificate	DE000VA64XD3	ADYEN762.3TS OPENV	EUR	18,1600	18,1600	18,1600			18,1600					
Certificate	NL0012996862	ADYEN762.6BS OPENB	EUR	18,4600	18,4600	17,9900			17,9900					
Certificate	DE000VA77AR1	ADYEN771.9TS OPENV	EUR	19,1800	19,1800	19,1800			19,1800					
Certificate	DE000VA64ZX6	ADYEN782.2TS OPENV	EUR	20,1700	20,1700	20,1700			20,1700					
Certificate	NL0013002470	ADYEN784.5TS OPENB	EUR	25,4800	25,4800	25,0100			25,0100					
Certificate	DE000VA64ZZ1	ADYEN792.2TS OPENV	EUR	21,1700	21,1700	21,1700			21,1700					
Certificate	NL0013000417	ADYEN802.6BS OPENB	EUR	22,4600	22,4600	21,9900			21,9900					
Certificate	DE000VA7PSQ3	ADYEN811.9TS OPENV	EUR	23,1600	23,1600	23,1600			23,1600					
Certificate	DE000VA7PSS9	ADYEN821.9TS OPENV	EUR	24,1600	24,1600	24,1600			24,1600					
Certificate	NL0013002884	ADYEN824.6TS OPENB	EUR	29,8200	29,8200	29,3500			29,3500					
Certificate	NL0013002140	ADYEN842.6BS OPENB	EUR	26,4600	26,4600	25,9900			25,9900					
Certificate	NL0013003676	ADYEN882.6BS OPENB	EUR	30,4600	30,4600	29,9900			29,9900					
Certificate	FR0013123288	AE10S SHROPENS	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	FR0013123296	AE12S SHROPENS	EUR											
Certificate	FR0013123304	AE15S SHROPENS	EUR											
Certificate	DE000CE6BQR6	AEGON LEVOPENZ	EUR	37,9450	37,9450	37,9450				37,9450				
Certificate	DE000CE6BQG9	AEGON SHROPENZ	EUR	4,7330	4,7330	4,7330				4,7330				
Certificate	XS1777869857	AEGON STN0221B	EUR	105,0000	105,2500	105,0000				105,2500				
Certificate	XS1649312698	AEGON STN0720B	EUR	106,2000	106,2000	106,2000				106,2000				
Certificate	XS1490961247	AEGON STN0926B	EUR	108,2000	108,2000	108,2000				108,2000				
Certificate	XS1325860556	AEGON STN1118B	EUR	107,1000	107,1000	107,1000				107,1000				
Certificate	XS1536800789	AEGON STN1219B	EUR	108,3000	108,3000	108,3000				108,3000				
Certificate	DE000CX00039	AEGON 3TL OPENC	EUR	3,0000	3,0000	3,0000				3,0000				
Certificate	NL0012275267	AEGON 4TL OPENB	EUR	1,6050	1,6050	1,6050				1,6050				
Certificate	DE000CY50040	AEGON 4TL OPENC	EUR	1,7000	1,7000	1,7000				1,7000				
Certificate	DE000CX59NX4	AEGON 4TL OPENC	EUR	1,9300	1,9300	1,9300				1,9300				
Certificate	DE000VA7PT04	AEGON 5TL 0319V	EUR	0,3550	0,3550	0,3550				0,3550				
Certificate	DE000VA32221	AEGON 5TL 1218V	EUR	0,3480	0,3480	0,3480				0,3480				
Certificate	DE000CY521M9	AEGON 5TL OPENC	EUR	0,7900	0,7900	0,7900				0,7900				
Certificate	DE000CP06222	AEGON 5TL OPENC	EUR	0,5500	0,5500	0,5500				0,5500				
Certificate	DE000CY51X09	AEGON 5TL OPENC	EUR	0,6200	0,6200	0,5900	310,0000	1	0,5900	500				
Certificate	DE000CP06032	AEGON 5TL OPENC	EUR	0,4000	0,4000	0,4000				0,4000				
Certificate	NL0012796072	AEGON 6BON0919Z	EUR	5,3500	5,3500	5,3500				5,3500				
Certificate	NL0012796080	AEGON 6BON1219Z	EUR	5,2900	5,2900	5,2900				5,2900				
Certificate	DE000VA7PTY5	AEGON 6TS 0319V	EUR	0,7370	0,7370	0,7370				0,7370				
Certificate	DE000VA4YTV0	AEGON 6TS 1218V	EUR	0,7320	0,7320	0,7320				0,7320				
Certificate	DE000CQ5B246	AEGON 6TS OPENC	EUR	0,8000	0,8000	0,8000				0,8000				
Certificate	DE000CP06NR3	AEGON 7TS OPENC	EUR	1,8000	1,8000	1,8000				1,8000				
Certificate	DE000CP067R3	AEGON 7TS OPENC	EUR	2,0100	2,0100	2,0100				2,0100				
Certificate	DE000CQ5AJW1	AEGON 7TS OPENC	EUR	1,6700	1,6700	1,6700				1,6700				
Certificate	DE000CQ5A0R5	AEGON 7TS OPENC	EUR	1,4300	1,4300	1,4300				1,4300				
Certificate	DE000C8BAAN9	AEGON 8TS OPENC	EUR	1,2900	1,2900	1,2900				1,2900				
Certificate	NL0009940428	AEGON 1.1TL OPENB	EUR	4,3250	4,3250	4,3250				4,3250				
Certificate	NL0011418488	AEGON 1.1TL OPENH	EUR	4,3300	4,3300	4,3200				4,3200				
Certificate	NL0010012050	AEGON 1.5TL OPENB	EUR	4,0150	4,0150	4,0150				4,0150				
Certificate	NL0010174157	AEGON 1.8TL OPENB	EUR	3,7150	3,7150	3,7150				3,7150				
Certificate	NL0010175469	AEGON 2.1TL OPENB	EUR	3,3850	3,3850	3,3850				3,3850				
Certificate	DE000CX590S2	AEGON 3.2TL OPENC	EUR	2,5900	2,5900	2,5900				2,5900				
Certificate	DE000CX598P1	AEGON 3.4TL OPENC	EUR	2,3900	2,3900	2,3900				2,3900				
Certificate	NL0012030209	AEGON 3.5TL OPENB	EUR	2,0750	2,0750	2,0750				2,0750				
Certificate	DE000CX59928	AEGON 3.5TL OPENC	EUR	2,4200	2,4200	2,4200				2,4200				
Certificate	LU1521098654	AEGON 4.2TCIOPENS	EUR	1,6000	1,6000	1,5400	320,0000	1	1,5400	200				
Certificate	DE000CY51LV7	AEGON 4.2TL OPENC	EUR	1,5500	1,5500	1,5500				1,5500				
Certificate	NL0012369201	AEGON 4.2TL OPENH	EUR	1,5100	1,5100	1,5000				1,5000				
Certificate	NL0012333843	AEGON 4.2TL OPENH	EUR	1,5100	1,5100	1,5000				1,5000				
Certificate	DE000CY50FP3	AEGON 4.5TL OPENC	EUR	1,3600	1,3600	1,3600				1,3600				
Certificate	DE000CY50EG5	AEGON 4.5TL OPENC	EUR	1,1900	1,1900	1,1900				1,1900				
Certificate	DE000VA320W2	AEGON 4.6TL 1218V	EUR	0,7970	0,8000	0,7420	1594,0000	1	0,7420	2000				
Certificate	DE000CY50WQ6	AEGON 4.6TL OPENC	EUR	1,2700	1,2700	1,2700				1,2700				
Certificate	DE000CY51675	AEGON 4.6TL OPENC	EUR	1,1600	1,1600	1,1600				1,1600				
Certificate	DE000VA71N44	AEGON 4.8TL 0319V	EUR	0,5500	0,5500	0,5500				0,5500				
Certificate	DE000VA320X0	AEGON 4.8TL 1218V	EUR	0,5460	0,5460	0,5460				0,5460				
Certificate	DE000CY521L1	AEGON 4.8TL OPENC	EUR	0,9800	0,9800	0,9800				0,9800				
Certificate	NL0012236178	AEGON 4.9BON1218Z	EUR	5,4000	5,4000	5,4000				5,4000				
Certificate	DE000CJ3NQ46	AEGON 5.1TL 1218Z	EUR	0,2900	0,2900	0,2450	447,2000	2	0,2450	1680				
Certificate	DE000VA7PT12	AEGON 5.2TL 0319V	EUR	0,1730	0,1730	0,1730				0,1730				
Certificate	DE000VAGTYJ0	AEGON 5.2TL 1218V	EUR	0,1650	0,1650	0,1650				0,1650				
Certificate	DE000CY52LX1	AEGON 5.2TL OPENC	EUR											
Certificate	DE000VA71UK9	AEGON 5.4TS 0319V	EUR											
Certificate	DE000VA71UL7	AEGON 5.4TS 1218V	EUR											
Certificate	DE000CP06PA4	AEGON 5.5TL OPENC	EUR											
Certificate	DE000CP06NQ5	AEGON 5.5TL OPENC	EUR											
Certificate	DE000CP06Z61	AEGON 5.5TS OPENC	EUR	0,4600	0,4600	0,4600				0,4600				
Certificate	DE000CP06W23	AEGON 5.5TS OPENC	EUR	0,3000	0,3000	0,3000				0,3000				
Certificate	DE000CQ5BHD3	AEGON 5.5TS OPENC	EUR											
Certificate	NL0012236277	AEGON 5.6BOC1218Z	EUR	5,5900	5,5900	5,5900				5,5900				
Certificate	DE000VA71N28	AEGON 5.6TS 0319V	EUR	0,3380	0,3380	0,3380				0,3380				
Certificate	DE000VA71N69	AEGON 5.6TS 1218V	EUR	0,3320	0,3320	0,3320				0,3320				
Certificate	NL0012795546	AEGON 5.7BOC0919Z	EUR	5,3200	5,3200	5,3200				5,3200				
Certificate	NL0012648695	AEGON 5.7BON1218Z	EUR	5,6800	5,6800	5,6800				5,6800				
Certificate	NL0012236582	AEGON 5.8BOC1218Z	EUR	5,7700	5,7700	5,7700				5,7700				
Certificate	DE000VA7PTX7	AEGON 5.8TS 0319V	EUR	0,5360	0,5360	0,5360				0,5360				
Certificate	DE000VA64XS1	AEGON 5.8TS 1218V	EUR	0,5310	0,5310	0,5310				0,5310				
Certificate	NL0012987218	AEGON 5.9BOC0619B	EUR	5,5100	5,5100	5,5100				5,5100				
Certificate	NL0012648703	AEGON 5.9BON0619Z	EUR	5,7000	5,7000	5,7000				5,7000				



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	NL0012236590	AEGON 6.28OC0619Z	EUR	5,9500	5,9500	5,9500			5,9500					
Certificate	NL0012676241	AEGON 6.28OC1218B	EUR	6,0600	6,0600	6,0500			6,0500					
Certificate	NL0012792964	AEGON 6.28OC1218B	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	NL0012648919	AEGON 6.28OC1218Z	EUR	6,0600	6,0600	6,0600			6,0600					
Certificate	DE000VA7PT22	AEGON 6.2TS 0319V	EUR	0,9370	0,9370	0,9370			0,9370					
Certificate	NL0011039953	AEGON 6.2TS OPENH	EUR	1,5600	1,5800	1,5600			1,5800					
Certificate	NL0012796353	AEGON 6.48OC1219Z	EUR	5,3800	5,3800	5,3800	2690,0000	1	5,3800	500				
Certificate	NL0012648927	AEGON 6.58OC0619Z	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	DE000CV8AB22	AEGON 6.5TS 1218Z	EUR	1,2150	1,2150	1,2150			1,2150					
Certificate	DE000CP06PB2	AEGON 6.5TS OPENC	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	DE000CY521P2	AEGON 6.5TS OPENC	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	NL0012782577	AEGON 6.6TS OPENB	EUR	1,8150	1,8150	1,8150			1,8150					
Certificate	DE000CJ3NTN6	AEGON 7.3TS 1218Z	EUR	2,0150	2,0150	2,0150			2,0150					
Certificate	DE000CQ5AU22	AEGON 7.5TS OPENC	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	DE000C8AT71	AEGON 7.5TS OPENC	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	NL0012555353	AEGON 8.6TS OPENH	EUR	4,2300	4,2500	4,2300			4,2500					
Certificate	DE000CM3ZVU6	AEGON 0.74TL OPENZ	EUR	4,6050	4,6050	4,6050			4,6050					
Certificate	NL0011230461	AEGON 1.81TL OPENH	EUR	3,6800	3,6800	3,6700			3,6700					
Certificate	NL0011051354	AEGON 1.82TL OPENH	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	NL0011905146	AEGON 1.97TL OPENB	EUR	3,4950	3,4950	3,4950			3,4950					
Certificate	NL0011051347	AEGON 2.11TL OPENH	EUR	3,4200	3,4200	3,4100			3,4100					
Certificate	NL0011895073	AEGON 2.27TL OPENH	EUR	3,2600	3,2600	3,2500			3,2500					
Certificate	NL0011894589	AEGON 2.38TL OPENH	EUR	3,1700	3,1700	3,1600			3,1600					
Certificate	NL0011905153	AEGON 2.46TL OPENB	EUR	3,0450	3,0450	3,0450			3,0450					
Certificate	NL0011892799	AEGON 2.47TL OPENH	EUR	3,0800	3,0800	3,0700			3,0700					
Certificate	DE000CD61P10	AEGON 2.53TL OPENZ	EUR	2,8850	2,8850	2,8850			2,8850					
Certificate	NL0011896444	AEGON 2.59TL OPENH	EUR	2,9800	2,9800	2,9700			2,9700					
Certificate	NL0011906128	AEGON 2.71TL OPENB	EUR	2,8050	2,8300	2,8050	2547,0000	1	2,8050	900				
Certificate	NL0011930441	AEGON 2.79TL OPENH	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000CD622H0	AEGON 2.79TL OPENZ	EUR	2,6450	2,6450	2,6450			2,6450					
Certificate	NL0011979919	AEGON 2.95TL OPENH	EUR	2,6400	2,6400	2,6300			2,6300					
Certificate	NL0012021117	AEGON 2.98TL OPENB	EUR	2,5550	2,5550	2,5550			2,5550					
Certificate	DE000CD637G0	AEGON 3.05TL OPENZ	EUR	2,3950	2,3950	2,3950			2,3950					
Certificate	NL0011980164	AEGON 3.16TL OPENH	EUR	2,4600	2,4600	2,4500			2,4500					
Certificate	NL0012029078	AEGON 3.24TL OPENB	EUR	2,3150	2,3150	2,3150			2,3150					
Certificate	NL0011989561	AEGON 3.26TL OPENH	EUR	2,3600	2,3600	2,3500			2,3500					
Certificate	DE000CD63BH6	AEGON 3.36TL OPENZ	EUR	2,0950	2,0950	2,0950			2,0950					
Certificate	NL0011993431	AEGON 3.47TL OPENH	EUR	2,1700	2,1700	2,1600			2,1600					
Certificate	DE000CD63MH3	AEGON 3.72TL OPENZ	EUR	1,7450	1,7450	1,7450			1,7450					
Certificate	NL0012030217	AEGON 3.75TL OPENB	EUR	1,8450	1,8450	1,8450			1,8450					
Certificate	DE000CX59FK7	AEGON 3.75TL OPENC	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	NL0012306807	AEGON 3.79TL OPENH	EUR	1,8800	1,8800	1,8700			1,8700					
Certificate	DE000VN66Q68	AEGON 3.97TL OPENV	EUR											
Certificate	DE000CE6DGW3	AEGON 4.08TL OPENZ	EUR	1,3950	1,3950	1,3950			1,3950					
Certificate	DE000CV8AB06	AEGON 4.25TL 1218Z	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	DE000CY16P29	AEGON 4.25TL OPENC	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	DE000CY50248	AEGON 4.25TL OPENC	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	DE000CY16T66	AEGON 4.25TL OPENC	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	DE000CY50EF7	AEGON 4.25TL OPENC	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	NL0012278790	AEGON 4.26TL OPENB	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	NL0012432041	AEGON 4.41TL OPENH	EUR	1,3200	1,3200	1,3100			1,3100					
Certificate	NL0012500086	AEGON 4.43TL OPENB	EUR	1,2050	1,2050	1,2050			1,2050					
Certificate	DE000CE6E6J0	AEGON 4.45TL OPENZ	EUR	1,0450	1,0450	1,0450			1,0450					
Certificate	LU1573657894	AEGON 4.54TCIOPENS	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	NL0012501977	AEGON 4.61TL OPENB	EUR	1,0450	1,0900	1,0450	2259,0000	2	1,0450	2100				
Certificate	NL0012528509	AEGON 4.61TL OPENH	EUR	1,1400	1,1400	1,1300			1,1300					
Certificate	LU1573783252	AEGON 4.68TCIOPENS	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	LU1573723191	AEGON 4.71TCIOPENS	EUR	0,9800	0,9800	0,9400	49,0000	1	0,9400	50				
Certificate	DE000CV8AB14	AEGON 4.75TL 1218Z	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	DE000CY51J89	AEGON 4.75TL OPENC	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	NL0012504435	AEGON 4.77TL OPENB	EUR	0,8950	0,9100	0,8950	3048,5000	1	0,8950	3350				
Certificate	NL0012529861	AEGON 4.81TL OPENH	EUR	0,9600	0,9600	0,9500			0,9500					
Certificate	LU1612296365	AEGON 4.84TCIOPENS	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000CE6FJ76	AEGON 4.87TL OPENZ	EUR	0,6450	0,6450	0,6450			0,6450					
Certificate	LU1612632650	AEGON 4.94TCIOPENS	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000VL37EK1	AEGON 4.97TL OPENV	EUR											
Certificate	NL0012930622	AEGON 5.01TL OPENH	EUR	0,7700	0,7700	0,7600			0,7600					
Certificate	LU1790494733	AEGON 5.12TCIOPENS	EUR	0,3900	0,3900	0,3900			0,3900					
Certificate	LU1840370099	AEGON 5.21TCIOPENS	EUR											
Certificate	NL0012902100	AEGON 5.21TL OPENH	EUR	0,5900	0,5900	0,5800			0,5800					
Certificate	DE000VA71XE6	AEGON 5.22TL OPENV	EUR	0,1950	0,1950	0,1280	0,2000	1	0,1280	1				
Certificate	NL0013012594	AEGON 5.24TL OPENB	EUR	0,4550	0,4550	0,4550			0,4550					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CP06M58	AEGON 5.25TL OPENC	EUR											
Certificate	DE000CQ5A0Q7	AEGON 5.25TL OPENC	EUR											
Certificate	DE000CJ3NRE9	AEGON 5.28TL OPENZ	EUR											
Certificate	NL0013012248	AEGON 5.37TS OPENB	EUR											
Certificate	NL0012902795	AEGON 5.41TL OPENH	EUR											
Certificate	LU1841028621	AEGON 5.53TPIOPENS	EUR	0,3100	0,3100	0,3100				0,3100				
Certificate	NL0012494462	AEGON 5.65BOC1218B	EUR	5,6300	5,6300	5,6300				5,6300				
Certificate	DE000CP06TN9	AEGON 5.75TS OPENC	EUR	0,5500	0,5500	0,5500				0,5500				
Certificate	DE000CQ5BDP6	AEGON 5.75TS OPENC	EUR											
Certificate	NL0011406426	AEGON 5.83TS OPENH	EUR	1,1500	1,1700	1,1500				1,1700				
Certificate	NL0011093265	AEGON 5.86TS OPENB	EUR	1,0150	1,0150	1,0150				1,0150				
Certificate	NL0012919567	AEGON 5.94TS OPENH	EUR	1,2700	1,2900	1,2700				1,2900				
Certificate	NL0012586341	AEGON 6.07TS OPENH	EUR	1,4200	1,4400	1,4200				1,4400				
Certificate	DE000CV4ZHP2	AEGON 6.07TS OPENZ	EUR	1,0250	1,0250	1,0250				1,0250				
Certificate	NL0013000573	AEGON 6.11TS OPENB	EUR	1,2850	1,2850	1,2850				1,2850				
Certificate	LU1790583246	AEGON 6.18TPIOPENS	EUR	0,7800	0,7800	0,7800				0,7800				
Certificate	DE000CQ5ANT9	AEGON 6.25TS OPENC	EUR	0,7100	0,7100	0,7100				0,7100				
Certificate	LU1840398264	AEGON 6.35TPIOPENS	EUR	1,1200	1,1200	1,1200				1,1200				
Certificate	NL0012584387	AEGON 6.47TS OPENH	EUR	1,8600	1,8800	1,8600				1,8800				
Certificate	NL0012605562	AEGON 6.69TS OPENH	EUR	2,1100	2,1300	2,1100				2,1300				
Certificate	NL0012615454	AEGON 6.71TS OPENH	EUR	2,1300	2,1500	2,1300				2,1500				
Certificate	DE000CJ3NVD3	AEGON 6.86TS OPENZ	EUR	1,8550	1,8550	1,8550				1,8550				
Certificate	LU1840398348	AEGON 6.93TPIOPENS	EUR	1,6900	1,6900	1,6900				1,6900				
Certificate	NL0011039946	AEGON 6.93TS OPENH	EUR	2,3800	2,3900	2,3800				2,3900				
Certificate	NL0012926877	AEGON 7.54TS OPENH	EUR	3,0600	3,0800	3,0600				3,0800				
Certificate	DE000C8AAM1	AEGON 7.75TS OPENC	EUR	1,0600	1,0600	1,0600				1,0600				
Certificate	NL0012539191	AEGON 7.96TS OPENH	EUR	3,5200	3,5400	3,5200				3,5400				
Certificate	NL0012608988	AEGON 9.27TS OPENH	EUR	4,9700	4,9900	4,9700				4,9900				
Certificate	NL0012849228	AEGON 9.29TS OPENH	EUR	4,9900	5,0100	4,9900				5,0100				
Certificate	NL0011815667	AEGON1.8248L OPENB	EUR	3,5750	3,5750	3,5750				3,5750				
Certificate	NL0011645726	AEGON2.3588L OPENB	EUR	3,0450	3,0450	3,0450				3,0450				
Certificate	NL0011907225	AEGON2.6248L OPENB	EUR	2,7850	2,7850	2,7850				2,7850				
Certificate	DE000CN6JR16	AEGON2.694TL OPENZ	EUR	2,6350	2,6350	2,6350				2,6350				
Certificate	NL0011916796	AEGON2.8898L OPENB	EUR	2,5150	2,5150	2,5150				2,5150				
Certificate	DE000CD624T1	AEGON3.013TL OPENZ	EUR	2,3150	2,3150	2,3150				2,3150				
Certificate	DE000CD63674	AEGON3.171TL OPENZ	EUR	2,1550	2,1550	2,1550				2,1550				
Certificate	DE000CD63898	AEGON3.319TL OPENZ	EUR	2,0050	2,0050	2,0050				2,0050				
Certificate	NL0012028807	AEGON3.4178L OPENB	EUR	1,9850	1,9850	1,9850				1,9850				
Certificate	DE000CD638A1	AEGON3.469TL OPENZ	EUR	1,8550	1,8550	1,8550				1,8550				
Certificate	NL0012029524	AEGON3.6798L OPENB	EUR	1,7250	1,7250	1,7250				1,7250				
Certificate	DE000CE6D624	AEGON3.716TL OPENZ	EUR	1,6150	1,6150	1,6150				1,6150				
Certificate	DE000CD63L87	AEGON3.867TL OPENZ	EUR	1,4650	1,4650	1,4650				1,4650				
Certificate	NL0012268809	AEGON3.9398L OPENB	EUR	1,4650	1,4650	1,4650				1,4650				
Certificate	DE000VN66RA9	AEGON3.967TL OPENV	EUR	1,7490	1,7490	1,7490				1,7490				
Certificate	DE000CE6D7G5	AEGON4.064TL OPENZ	EUR	1,2650	1,2650	1,2650				1,2650				
Certificate	DE000VN66RC5	AEGON4.167TL OPENV	EUR	1,5440	1,5440	1,5440				1,5440				
Certificate	NL0012276182	AEGON4.1988L OPENB	EUR	1,2050	1,2050	1,2050				1,2050				
Certificate	DE000VN66TW9	AEGON4.258TL OPENV	EUR	1,3400	1,3400	1,3400				1,3400				
Certificate	DE000CE6DT50	AEGON4.267TL OPENZ	EUR	1,0650	1,0650	1,0650				1,0650				
Certificate	NL0012488084	AEGON4.4568L OPENB	EUR	0,9550	0,9900	0,9550	10145,0000	2	0,9550	10250				
Certificate	DE000VN66WF8	AEGON4.466TL OPENV	EUR	1,1500	1,1500	1,1500				1,1500				
Certificate	DE000CE6E333	AEGON4.468TL OPENZ	EUR	0,8650	0,8650	0,8650				0,8650				
Certificate	DE000CE6F2N0	AEGON4.668TL OPENZ	EUR	0,6650	0,6650	0,6650				0,6650				
Certificate	DE000VL2FMQ5	AEGON4.672TL OPENV	EUR	0,9310	0,9310	0,9310				0,9310				
Certificate	NL0012503130	AEGON4.7128L OPENB	EUR	0,7050	0,7050	0,7050				0,7050				
Certificate	DE000VL2FWM3	AEGON4.776TL OPENV	EUR	0,7280	0,7280	0,7280				0,7280				
Certificate	DE000CE6F5D4	AEGON4.862TL OPENZ	EUR	0,5300	0,5300	0,4750	11458,7800	6	0,4750	22378				
Certificate	NL0012976351	AEGON4.913TL OPENB	EUR	0,7500	0,7500	0,7500				0,7500				
Certificate	DE000VL2FXA6	AEGON4.979TL OPENV	EUR	0,5600	0,5600	0,5250	280,0000	1	0,5250	500				
Certificate	NL0012981211	AEGON4.9858L OPENB	EUR	0,4250	0,4500	0,4250	1736,9000	2	0,4250	3882				
Certificate	DE000CV8ASL4	AEGON5.063TL OPENZ	EUR	0,2900	0,3400	0,2750	3900,5000	9	0,2750	12425				
Certificate	NL0012991228	AEGON5.087TL OPENB	EUR	0,5950	0,6500	0,5950	12627,5000	5	0,5950	19750				
Certificate	DE000VA4RNV7	AEGON5.118TL OPENV	EUR	0,3670	0,3720	0,3250	55,0500	1	0,3250	150				
Certificate	DE000VA6TX13	AEGON5.214TL OPENV	EUR											
Certificate	NL0013000268	AEGON5.2358L OPENB	EUR											
Certificate	NL0013000565	AEGON5.238TL OPENB	EUR											
Certificate	DE000CJ3NPM6	AEGON5.261TL OPENZ	EUR											
Certificate	DE000VA71TJ3	AEGON5.424TS OPENV	EUR	0,1480	0,1480	0,1480				0,1480				
Certificate	DE000CJ3NS36	AEGON5.458TL OPENZ	EUR											
Certificate	NL0013010606	AEGON5.567BS OPENB	EUR	0,3250	0,3250	0,3250				0,3250				
Certificate	NL0013009806	AEGON5.618TS OPENB	EUR	0,7550	0,7550	0,7550				0,7550				
Certificate	DE000VA7TG05	AEGON5.624TS OPENV	EUR	0,3480	0,3480	0,3480				0,3480				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011087259	AEGON5.816BS OPENB	EUR	0,6050	0,6050	0,6050			0,6050					
Certificate	DE000CE6FIC4	AEGON5.901TS OPENZ	EUR	0,6150	0,6150	0,6150			0,6150					
Certificate	NL0012696405	AEGON6.059BS OPENB	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	DE000VLSR8W0	AEGON6.213TS OPENV	EUR	0,5040	0,5460	0,5040	100,8000	1	0,5460	200				
Certificate	NL0013000425	AEGON6.308BS OPENB	EUR	1,0650	1,0650	1,0650			1,0650					
Certificate	DE000CV4ZJ29	AEGON6.403TS OPENZ	EUR	1,1150	1,1150	1,1150			1,1150					
Certificate	DE000VL61EC8	AEGON6.411TS OPENV	EUR	0,7440	0,7440	0,7440			0,7440					
Certificate	NL0013001183	AEGON6.559BS OPENB	EUR	1,3150	1,3150	1,3150			1,3150					
Certificate	DE000VA1GMG9	AEGON6.579TS OPENV	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	DE000VA1GN64	AEGON6.776TS OPENV	EUR	1,1410	1,1410	1,1410			1,1410					
Certificate	NL0013002488	AEGON6.852TS OPENB	EUR	2,0850	2,0850	2,0850			2,0850					
Certificate	DE000CV88G34	AEGON6.903TS OPENZ	EUR	1,6150	1,6150	1,6150			1,6150					
Certificate	DE000VA1ST56	AEGON6.971TS OPENV	EUR	1,3380	1,3380	1,3380			1,3380					
Certificate	NL0012146013	AEX DIS1218Z	EUR	52,1800	52,1800	52,1800			52,1800					
Certificate	NL0012146005	AEX DIS1218Z	EUR	51,1900	51,1900	51,1900			51,1900					
Certificate	NL0012145999	AEX DIS1218Z	EUR	47,3900	47,3900	47,3900			47,3900					
Certificate	DE000VN61YN9	AEX LEVOPENV	EUR	15,7300	15,7300	15,7300			15,7300					
Certificate	DE000VN61YM1	AEX LEVOPENV	EUR	14,5650	14,5650	14,5650			14,5650					
Certificate	DE000VN61YS8	AEX LEVOPENV	EUR	9,1000	9,1000	9,1000			9,1000					
Certificate	DE000VN61YT6	AEX LEVOPENV	EUR	7,4700	7,4700	6,3200	1120,5000	1	6,3200	150				
Certificate	DE000VN61YQ2	AEX LEVOPENV	EUR	14,2650	14,2650	14,2650			14,2650					
Certificate	DE000VN61YR0	AEX LEVOPENV	EUR	11,9550	11,9550	11,9550			11,9550					
Certificate	DE000VN61YP4	AEX LEVOPENV	EUR	15,6000	15,6000	15,6000			15,6000					
Certificate	DE000VA545V4	AEX SHROPEV	EUR	14,5850	14,5850	14,5850			14,5850					
Certificate	DE000VN61YX8	AEX SHROPEV	EUR	0,7260	0,7260	0,7260			0,7260					
Certificate	DE000VN61Y06	AEX SHROPEV	EUR	0,0580	0,0580	0,0580			0,0580					
Certificate	DE000VN61YV2	AEX SHROPEV	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	DE000VN61YY6	AEX SHROPEV	EUR	0,3380	0,3380	0,3380			0,3380					
Certificate	DE000VN61YZ3	AEX SHROPEV	EUR	0,1440	0,1440	0,1440			0,1440					
Certificate	DE000VN61YW0	AEX SHROPEV	EUR	1,4350	1,4350	1,4350			1,4350					
Certificate	DE000VN61YU4	AEX SHROPEV	EUR	4,4000	4,4000	4,4000			4,4000					
Certificate	DE000VA234Q5	AEX SHROPEV	EUR	5,6750	5,6750	5,6750			5,6750					
Certificate	NL0011219696	AEX STN0123V	EUR											
Certificate	NL0012247746	AEX STN0523V	EUR											
Certificate	NL0012248330	AEX STN0523V	EUR											
Certificate	NL0012250179	AEX STN0723V	EUR											
Certificate	NL0012249775	AEX STN0723V	EUR											
Certificate	NL0010733770	AEX STN0920V	EUR											
Certificate	NL0012236442	AEX 58BON0619Z	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	NL0012236426	AEX 58BON1218Z	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	NL0012236459	AEX 58BON0619Z	EUR	5,6000	5,6000	5,5500	5600,0000	1	5,5500	1000				
Certificate	NL0012236434	AEX 58BON1218Z	EUR	5,7500	5,7500	5,6800	11,5000	1	5,6800	2				
Certificate	NL0012236467	AEX 65BON0619Z	EUR	5,6800	5,6800	5,6800			5,6800					
Certificate	NL0012236525	AEX 09PRO0619Z	EUR	97,2900	97,2900	97,2900			97,2900					
Certificate	NL0012236566	AEX 09PRO0619Z	EUR	93,9500	93,9500	93,9500			93,9500					
Certificate	NL0011231717	AEX 155TL OPENH	EUR	36,9900	36,9900	36,9900			36,9900					
Certificate	NL0009940188	AEX 194TL OPENB	EUR	33,2950	33,2950	33,2950			33,2950					
Certificate	NL0010010450	AEX 208TL OPENB	EUR	31,9430	31,9430	31,9430			31,9430					
Certificate	NL0010010476	AEX 215TL OPENB	EUR	31,2580	31,2580	31,2580			31,2580					
Certificate	NL0010010724	AEX 224TL OPENB	EUR	30,3380	30,3380	30,3380			30,3380					
Certificate	NL0010124681	AEX 228TL OPENB	EUR	30,0010	30,0010	30,0010			30,0010					
Certificate	NL0010174116	AEX 234TL OPENB	EUR	29,3320	29,3320	29,3320			29,3320					
Certificate	NL0010174124	AEX 238TL OPENB	EUR	28,9950	28,9950	28,9950			28,9950					
Certificate	NL0010174546	AEX 248TL OPENB	EUR	28,0030	28,0030	28,0030			28,0030					
Certificate	NL0010174587	AEX 251TL OPENB	EUR	27,6650	27,6650	27,6650			27,6650					
Certificate	NL0010174595	AEX 254TL OPENB	EUR	27,3810	27,3810	27,3810			27,3810					
Certificate	NL0010175048	AEX 257TL OPENB	EUR	27,1130	27,1130	27,1130			27,1130					
Certificate	NL0010175337	AEX 260TL OPENB	EUR	26,7860	26,7860	26,7860			26,7860					
Certificate	NL0010175345	AEX 264TL OPENB	EUR	26,4490	26,4490	26,4490			26,4490					
Certificate	NL0010175410	AEX 267TL OPENB	EUR	26,1210	26,1210	26,1210			26,1210					
Certificate	NL0010251708	AEX 271TL OPENB	EUR	25,7890	25,7890	25,7890			25,7890					
Certificate	NL0010252250	AEX 277TL OPENB	EUR	25,1200	25,1200	25,1200			25,1200					
Certificate	NL0010287892	AEX 284TL OPENB	EUR	24,8990	24,8990	24,4650	12449,5000	3	24,4650	500				
Certificate	NL0010440947	AEX 287TL OPENB	EUR	24,1360	24,1360	24,1360			24,1360					
Certificate	NL0010441242	AEX 291TL OPENB	EUR	23,8040	23,8040	23,8040			23,8040					
Certificate	NL0010441259	AEX 294TL OPENB	EUR	23,4730	23,4730	23,4730			23,4730					
Certificate	NL0010441580	AEX 297TL OPENB	EUR	23,1530	23,1530	23,1530			23,1530					
Certificate	NL0010442232	AEX 307TL OPENB	EUR	22,1690	22,1690	22,1690			22,1690					
Certificate	NL0010442240	AEX 311TL OPENB	EUR	21,8480	21,8480	21,8480			21,8480					
Certificate	NL0010442687	AEX 314TL OPENB	EUR	21,5240	21,5240	21,5240			21,5240					
Certificate	NL0010145884	AEX 320TL OPENA	EUR											
Certificate	NL0010721486	AEX 320TL OPENH	EUR	20,6700	20,6700	20,6700			20,6700					



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	NL0010151932	AEX 322TL OPENA	EUR											
Certificate	NL0010515516	AEX 322TL OPENB	EUR	20,7770	20,7770	20,7770			20,7770					
Certificate	NL0011036272	AEX 322TL OPENH	EUR	20,4600	20,4600	20,4600			20,4600					
Certificate	NL0010151940	AEX 324TL OPENA	EUR											
Certificate	NL0010515524	AEX 325TL OPENB	EUR	20,4680	20,4680	20,4680			20,4680					
Certificate	NL0010155776	AEX 326TL OPENA	EUR											
Certificate	DE000CX0K9F0	AEX 333TL OPENC	EUR	22,4900	22,4900	22,4900			22,4900					
Certificate	NL0010891560	AEX 334TL OPENB	EUR	19,5560	19,5560	19,5560			19,5560					
Certificate	NL0010891586	AEX 339TL OPENB	EUR	19,1280	19,1280	19,1280			19,1280					
Certificate	NL0010891677	AEX 341TL OPENB	EUR	18,9130	18,9130	18,9130			18,9130					
Certificate	NL0010893897	AEX 343TL OPENB	EUR	18,6970	18,6970	18,6970			18,6970					
Certificate	NL0010893905	AEX 345TL OPENB	EUR	18,4810	18,4810	18,4810			18,4810					
Certificate	NL0011602586	AEX 346TL OPENH	EUR	18,0900	18,0900	18,0900			18,0900					
Certificate	NL0011648399	AEX 352TL OPENB	EUR	17,7580	17,7580	17,7580			17,7580					
Certificate	NL0011649140	AEX 357TL OPENB	EUR	17,3550	17,3550	17,3550			17,3550					
Certificate	NL0011649157	AEX 359TL OPENB	EUR	17,1510	17,1510	17,1510			17,1510					
Certificate	NL0011649173	AEX 363TL OPENB	EUR	16,7450	16,7450	16,7450			16,7450					
Certificate	NL0011649199	AEX 367TL OPENB	EUR	16,3340	16,3340	16,3340			16,3340					
Certificate	DE000CV87KD7	AEX 367TL OPENZ	EUR	6,4470	6,4470	6,4470			6,4470					
Certificate	NL0011649884	AEX 369TL OPENB	EUR	16,1320	16,1320	16,1320			16,1320					
Certificate	DE000CX00AQ9	AEX 369TL OPENC	EUR	18,8000	18,8000	18,8000			18,8000					
Certificate	NL0011649900	AEX 371TL OPENB	EUR	15,9270	15,9270	15,9270			15,9270					
Certificate	NL0011650973	AEX 374TL OPENB	EUR	15,6160	15,6160	15,6160			15,6160					
Certificate	NL0011722939	AEX 377TL OPENH	EUR	15,0200	15,0200	15,0200			15,0200					
Certificate	NL0011705330	AEX 379TL OPENH	EUR	14,8300	14,8300	14,8300			14,8300					
Certificate	DE000CW3ALZ7	AEX 380TL OPENC	EUR	18,0800	18,0800	18,0800			18,0800					
Certificate	NL0011654355	AEX 382TL OPENB	EUR	14,9070	14,9070	14,9070			14,9070					
Certificate	NL0011654371	AEX 386TL OPENB	EUR	14,4950	14,4950	14,4950			14,4950					
Certificate	NL0011817838	AEX 387TL OPENB	EUR	14,3950	14,3950	14,3950			14,3950					
Certificate	DE000CX00A09	AEX 390TL OPENC	EUR	16,2000	16,2000	16,2000			16,2000					
Certificate	DE000CJ3N690	AEX 392TL 1218Z	EUR	12,9400	12,9400	12,9400			12,9400					
Certificate	NL0011898721	AEX 393TL OPENB	EUR	13,7870	13,7870	13,7870			13,7870					
Certificate	NL0011901012	AEX 395TL OPENB	EUR	13,5870	13,5870	13,5870			13,5870					
Certificate	NL0011901020	AEX 396TL OPENB	EUR	13,4870	13,4870	13,4870			13,4870					
Certificate	DE000CX00BG8	AEX 400TL OPENC	EUR	15,5900	15,5900	15,5900			15,5900					
Certificate	NL0011905054	AEX 401TL OPENB	EUR	13,0450	13,0450	13,0450			13,0450					
Certificate	DE000CV506A8	AEX 402TL OPENZ	EUR	5,0520	5,0520	5,0520			5,0520					
Certificate	NL0011906920	AEX 404TL OPENB	EUR	12,7470	12,7470	12,7470			12,7470					
Certificate	NL0011906938	AEX 406TL OPENB	EUR	12,5460	12,5460	12,5460			12,5460					
Certificate	DE000CX00DD1	AEX 406TL OPENC	EUR	14,4600	14,4600	14,4600			14,4600					
Certificate	NL0011926373	AEX 407TL OPENH	EUR	12,0600	12,0600	12,0600			12,0600					
Certificate	DE000CV50699	AEX 407TL OPENZ	EUR	4,8520	4,8520	4,8520			4,8520					
Certificate	DE000CV88BT9	AEX 408TL 1218Z	EUR	11,3500	11,3500	11,3500			11,3500					
Certificate	NL0011926365	AEX 408TL OPENH	EUR	11,9600	11,9600	11,9600			11,9600					
Certificate	NL0011906953	AEX 410TL OPENB	EUR	12,1400	12,1400	12,1400			12,1400					
Certificate	DE000CX00KM7	AEX 411TL OPENC	EUR	14,3700	14,3700	14,3700			14,3700					
Certificate	DE000CX01XW7	AEX 412TL OPENC	EUR	13,2400	13,2400	13,2400			13,2400					
Certificate	DE000CX00KP0	AEX 413TL OPENC	EUR	14,0900	14,0900	14,0900			14,0900					
Certificate	DE000CV501P7	AEX 413TL OPENZ	EUR	4,6490	4,6490	4,6490			4,6490					
Certificate	NL0012016752	AEX 415TL OPENB	EUR	11,5810	11,5810	11,5810			11,5810					
Certificate	DE000CV501N2	AEX 418TL OPENZ	EUR	4,4500	4,4500	4,4500			4,4500					
Certificate	NL0012029011	AEX 420TL OPENB	EUR	11,0900	11,0900	11,0900			11,0900					
Certificate	DE000CX0KW94	AEX 420TL OPENC	EUR	12,8100	12,8100	12,8100			12,8100					
Certificate	DE000CV4YQC4	AEX 423TL OPENZ	EUR	4,2400	4,2400	4,2400			4,2400					
Certificate	DE000CV8AU78	AEX 424TL 1218Z	EUR	9,7510	9,7510	9,7510			9,7510					
Certificate	NL0012029946	AEX 424TL OPENB	EUR	10,7900	10,7900	10,7900			10,7900					
Certificate	LU1449143335	AEX 425TL 0133S	EUR											
Certificate	DE000CX01U87	AEX 425TL OPENC	EUR											
Certificate	NL0012029953	AEX 426TL OPENB	EUR	10,5860	10,5860	10,5860			10,5860					
Certificate	NL0012031850	AEX 427TL OPENB	EUR	10,4920	10,4920	10,4920			10,4920					
Certificate	NL0012036867	AEX 428TL OPENB	EUR	10,3330	10,3330	10,3330			10,3330					
Certificate	LU1732548497	AEX 428TL OPENS	EUR	10,9900	10,9900	10,9900			10,9900					
Certificate	DE000CX0KYX9	AEX 430TL OPENC	EUR	11,6400	11,6400	11,6400			11,6400					
Certificate	DE000CV4Z811	AEX 431TL OPENZ	EUR	3,9340	3,9340	3,9340			3,9340					
Certificate	NL0012036891	AEX 433TL OPENB	EUR	9,8290	9,8290	9,8290			9,8290					
Certificate	NL0012038137	AEX 436TL OPENB	EUR	9,5290	9,5290	9,5290			9,5290					
Certificate	DE000CX0KYJ8	AEX 436TL OPENC	EUR	10,5900	10,5900	10,5900			10,5900					
Certificate	DE000CX59FA8	AEX 436TL OPENC	EUR	10,4300	10,4300	10,4300			10,4300					
Certificate	DE000CV4Z803	AEX 436TL OPENZ	EUR	3,7340	3,7340	3,7340			3,7340					
Certificate	NL0012038921	AEX 439TL OPENB	EUR	9,2270	9,2270	9,2270			9,2270					
Certificate	DE000CP06SV4	AEX 439TS OPENC	EUR											
Certificate	DE000CV8A8L8	AEX 440TL 1218Z	EUR	8,1520	8,1520	8,1520			8,1520					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CX59HH9	AEX 440TL OPENC	EUR	10,0200	10,0200	10,0200			10,0200					
Certificate	DE000CV4YU09	AEX 441TL OPENZ	EUR	3,5250	3,5250	3,5250			3,5250					
Certificate	DE000CX59F79	AEX 442TL OPENC	EUR											
Certificate	DE000CX59HK3	AEX 444TL OPENC	EUR	9,6100	9,6100	9,6100			9,6100					
Certificate	NL0012050835	AEX 445TL OPENH	EUR	8,3100	8,3100	8,3100								
Certificate	NL0012040216	AEX 446TL OPENB	EUR	8,6290	8,6290	8,6290								
Certificate	DE000CJ3N7A8	AEX 448TL 1218Z	EUR	7,3500	7,3500	7,3500			7,3500					
Certificate	DE000CV4Z7Z5	AEX 448TL OPENZ	EUR	3,2520	3,2520	3,2520			3,2520					
Certificate	NL0012051627	AEX 449TL OPENH	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	NL0012099881	AEX 452TL OPENB	EUR	8,6600	8,6600	8,0350	8660,0000	1	8,0350	1000				
Certificate	NL0012099899	AEX 453TL OPENB	EUR	7,9350	7,9350	7,9350			7,9350					
Certificate	NL0012052427	AEX 453TL OPENH	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	DE000CV4Z7Y8	AEX 453TL OPENZ	EUR	3,0520	3,0520	3,0520			3,0520					
Certificate	DE000CX59WE5	AEX 454TL OPENC	EUR	8,6200	8,6200	8,6200			8,6200					
Certificate	NL0012052419	AEX 454TL OPENH	EUR	7,4100	7,4100	7,4100			7,4100					
Certificate	NL0012100390	AEX 455TL OPENB	EUR	7,6990	7,7340	7,6990	384,9500	1	7,7340	50				
Certificate	DE000CV8A9R3	AEX 456TL 1218Z	EUR	6,5490	6,5490	6,5490			6,5490					
Certificate	NL0012100408	AEX 456TL OPENB	EUR	7,6340	7,6340	7,6340			7,6340					
Certificate	DE000CX59XD5	AEX 456TL OPENC	EUR	8,8500	8,8500	8,8500			8,8500					
Certificate	NL0012100705	AEX 457TL OPENB	EUR	7,5350	7,5350	7,5350			7,5350					
Certificate	DE000CX59X77	AEX 457TL OPENC	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	DE000CV4Z7X0	AEX 458TL OPENZ	EUR	2,8520	2,8520	2,8520			2,8520					
Certificate	DE000CX596J8	AEX 458TS OPENC	EUR											
Certificate	DE000CX595N2	AEX 458TS OPENC	EUR											
Certificate	DE000CX59XF0	AEX 460TL OPENC	EUR	8,4400	8,4400	8,4400			8,4400					
Certificate	DE000CX59ZK5	AEX 460TL OPENC	EUR	8,0100	8,0100	8,0100			8,0100					
Certificate	DE000CX594C8	AEX 460TS OPENC	EUR											
Certificate	DE000CX598F2	AEX 460TS OPENC	EUR											
Certificate	DE000CX59ZL3	AEX 461TL OPENC	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	DE000CX59ZM1	AEX 462TL OPENC	EUR	7,8100	7,8100	7,8100			7,8100					
Certificate	DE000CV0AJJ9	AEX 463TL OPENC	EUR	7,7100	7,7100	7,7100			7,7100					
Certificate	DE000CV4YQB6	AEX 463TL OPENZ	EUR	2,6450	2,6450	2,6450			2,6450					
Certificate	DE000CV8B8Y0	AEX 464TL 1218Z	EUR	5,7490	5,7490	5,7490			5,7490					
Certificate	DE000CV0AJK7	AEX 464TL OPENC	EUR	7,6000	7,6000	7,6000			7,6000					
Certificate	DE000CX59XH6	AEX 464TL OPENC	EUR	8,0200	8,0200	8,0200			8,0200					
Certificate	DE000CV0AKH1	AEX 465TL OPENC	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	DE000CX59ZN9	AEX 465TL OPENC	EUR	7,9200	7,9200	7,9200			7,9200					
Certificate	DE000CX59ZP4	AEX 466TL OPENC	EUR	7,8200	7,8200	7,8200			7,8200					
Certificate	DE000CV0AM05	AEX 469TL OPENC	EUR	7,1000	7,1000	7,1000			7,1000					
Certificate	DE000VA71VM3	AEX 469TL OPENV	EUR	6,3000	6,3000	6,3000			6,3000					
Certificate	DE000VA71UW4	AEX 470TL 0319V	EUR	4,9410	4,9410	4,9410			4,9410					
Certificate	NL0012110985	AEX 470TL OPENB	EUR	6,1930	6,1930	6,1930			6,1930					
Certificate	DE000CV0AKK5	AEX 470TL OPENC	EUR	7,4100	7,4100	7,4100			7,4100					
Certificate	DE000CV0AM21	AEX 471TL OPENC	EUR	7,3200	7,3200	7,3200			7,3200					
Certificate	DE000VA71VP6	AEX 471TL OPENV	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	DE000VA71UX2	AEX 472TL 0319V	EUR	4,7510	4,7510	4,7510			4,7510					
Certificate	DE000CV8A9S1	AEX 472TL 1218Z	EUR	4,9510	4,9510	4,9510			4,9510					
Certificate	DE000CV0AM47	AEX 473TL OPENC	EUR	7,1100	7,1100	7,1100			7,1100					
Certificate	DE000CV0ANJ1	AEX 473TL OPENC	EUR	6,6900	6,6900	6,6900			6,6900					
Certificate	DE000VA71VR2	AEX 473TL OPENV	EUR	5,9100	5,9100	5,9100			5,9100					
Certificate	DE000CV4Z7W2	AEX 473TL OPENZ	EUR	2,2530	2,2530	2,2530			2,2530					
Certificate	DE000VA71UY0	AEX 474TL 0319V	EUR	4,5610	4,5610	4,5610			4,5610					
Certificate	DE000CV0AM54	AEX 474TL OPENC	EUR	7,0100	7,0100	7,0100			7,0100					
Certificate	DE000VN6Y9U8	AEX 474TL OPENV	EUR	7,3200	7,3200	7,3200			7,3200					
Certificate	DE000CV0ANE2	AEX 475TL OPENC	EUR	6,9100	6,9100	6,9100			6,9100					
Certificate	DE000VA71QV4	AEX 476TL 0319V	EUR	4,3720	4,3720	4,3720			4,3720					
Certificate	DE000CJ3PAN1	AEX 476TL 1218Z	EUR	4,5540	4,5540	4,5540			4,5540					
Certificate	DE000CV0ANL7	AEX 476TL OPENC	EUR	6,8100	6,8100	6,8100			6,8100					
Certificate	DE000VA71RJ7	AEX 476TL OPENV	EUR	5,6100	5,6100	5,6100			5,6100					
Certificate	DE000CV0AW45	AEX 477TL OPENC	EUR	6,3700	6,3700	6,3700			6,3700					
Certificate	DE000VA71QW2	AEX 478TL 0319V	EUR	4,1840	4,1840	4,1840			4,1840					
Certificate	DE000CV0AWK0	AEX 478TL OPENC	EUR	6,6500	6,6500	6,6500			6,6500					
Certificate	DE000VA71RK5	AEX 478TL OPENV	EUR	5,4200	5,4200	5,4200			5,4200					
Certificate	DE000CV4Z7V4	AEX 478TL OPENZ	EUR	2,0530	2,0530	2,0530			2,0530					
Certificate	DE000CV0AWF0	AEX 479TL OPENC	EUR	6,1300	6,1300	6,1300			6,1300					
Certificate	DE000VA71QX0	AEX 480TL 0319V	EUR	3,9960	3,9960	3,9960			3,9960					
Certificate	DE000CV8AKZ9	AEX 480TL 1218Z	EUR	4,1580	4,1580	4,1580			4,1580					
Certificate	DE000CV0AWL8	AEX 480TL OPENC	EUR	6,4500	6,4500	6,4500			6,4500					
Certificate	DE000CV0AWG8	AEX 480TL OPENC	EUR	6,0300	6,0300	6,0300			6,0300					
Certificate	DE000VAGEBF8	AEX 480TL OPENV	EUR	5,1500	5,1500	5,1500			5,1500					
Certificate	NL0012115927	AEX 481TL OPENB	EUR	5,6610	5,6610	5,1060	2264,4000	1	5,1060	400				
Certificate	DE000VA71QV8	AEX 482TL 0319V	EUR	3,8090	3,8090	3,8090			3,8090					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CY0AXA9	AEX 482TL OPENC	EUR	5,8300	5,8300	5,8300			5,8300					
Certificate	DE000CY165F9	AEX 482TL OPENC	EUR	6,1400	6,1400	6,1400			6,1400					
Certificate	DE000CY0AWM6	AEX 482TL OPENC	EUR	6,2400	6,2400	6,2400			6,2400					
Certificate	LU1732548570	AEX 482TL OPENS	EUR	5,6300	5,6300	5,6300			5,6300					
Certificate	DE000VA6EBG6	AEX 482TL OPENV	EUR	4,9520	4,9520	4,9520			4,9520					
Certificate	DE000VA6EBH4	AEX 483TL OPENV	EUR	4,8540	4,8540	4,8540			4,8540					
Certificate	DE000VA71QZ5	AEX 484TL 0319V	EUR	3,6220	3,6220	3,6220			3,6220					
Certificate	DE000CJ3N7B6	AEX 484TL 1218Z	EUR	3,7660	3,7660	3,7660			3,7660					
Certificate	DE000CY165G7	AEX 484TL OPENC	EUR	5,9300	5,9300	5,9300			5,9300					
Certificate	DE000CY0AYD1	AEX 484TL OPENC	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	DE000VA6EBJ0	AEX 484TL OPENV	EUR	4,7560	4,7560	4,7560			4,7560					
Certificate	DE000CV4YQA8	AEX 484TL OPENZ	EUR	1,8470	1,8470	1,8470			1,8470					
Certificate	DE000VA3ZYLO	AEX 485TL 1218V	EUR	3,6330	3,6330	3,6330			3,6330					
Certificate	DE000CY165H5	AEX 485TL OPENC	EUR	5,8300	5,8300	5,8300			5,8300					
Certificate	DE000CY0AYE9	AEX 485TL OPENC	EUR	5,5100	5,5100	5,5100			5,5100					
Certificate	DE000VA6EBK8	AEX 485TL OPENV	EUR	4,6580	4,6580	4,6580			4,6580					
Certificate	DE000VA71Q09	AEX 486TL 0319V	EUR	3,4350	3,4350	3,4350			3,4350					
Certificate	DE000VA3ZYN6	AEX 486TL 1218V	EUR	3,5370	3,5370	3,5370			3,5370					
Certificate	DE000CY16553	AEX 486TL OPENC	EUR	5,7000	5,7000	5,3000	228,0000	1	5,3000	40				
Certificate	DE000VA6EBL6	AEX 486TL OPENV	EUR	4,5600	4,5600	4,5600			4,5600					
Certificate	DE000VA3ZYQ9	AEX 487TL 1218V	EUR	3,4420	3,4420	3,4420			3,4420					
Certificate	NL0012116909	AEX 487TL OPENB	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	DE000CY165B8	AEX 487TL OPENC	EUR	5,2100	5,2100	5,2100			5,2100					
Certificate	DE000CY165J1	AEX 487TL OPENC	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	DE000VA6EBM4	AEX 487TL OPENV	EUR	4,4620	4,4620	4,4620			4,4620					
Certificate	DE000VA7TD65	AEX 488TL 0319V	EUR	3,2490	3,2490	3,2490			3,2490					
Certificate	DE000VA3ZY55	AEX 488TL 1218V	EUR	3,3460	3,3460	3,3460			3,3460					
Certificate	DE000CV8A9T9	AEX 488TL 1218Z	EUR	3,3740	3,3740	3,3740			3,3740					
Certificate	DE000CY165N3	AEX 488TL OPENC	EUR	5,5000	5,5000	5,1100	1925,0000	1	5,1100	350				
Certificate	DE000VA6EBN2	AEX 488TL OPENV	EUR	4,3640	4,3640	4,3640			4,3640					
Certificate	DE000VL7GE7	AEX 488TL OPENV	EUR	5,1100	5,1100	5,1100			5,1100					
Certificate	DE000CV4Z7U6	AEX 488TL OPENZ	EUR	1,8510	1,8510	1,6530	81,4400	1	1,6530	44				
Certificate	DE000VA3ZYU1	AEX 489TL 1218V	EUR	3,2510	3,2510	3,2510			3,2510					
Certificate	DE000CY165Q6	AEX 489TL OPENC	EUR	5,0100	5,0100	5,0100			5,0100					
Certificate	DE000VA6EBP7	AEX 489TL OPENV	EUR	4,2660	4,2660	4,2660			4,2660					
Certificate	DE000CP06R61	AEX 490TL 0319C	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	DE000VA7TCH8	AEX 490TL 0319V	EUR	3,0650	3,0650	3,0650			3,0650					
Certificate	DE000VA3ZYW7	AEX 490TL 1218V	EUR	3,1550	3,1550	3,1550			3,1550					
Certificate	DE000CY165K9	AEX 490TL OPENC	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	DE000VA6EBQ5	AEX 490TL OPENV	EUR	4,1680	4,1680	4,1680			4,1680					
Certificate	DE000VA3ZYY3	AEX 491TL 1218V	EUR	3,0600	3,0600	3,0600			3,0600					
Certificate	DE000CY165S2	AEX 491TL OPENC	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	DE000CY165L7	AEX 491TL OPENC	EUR	5,2100	5,2100	5,2100			5,2100					
Certificate	NL0012207427	AEX 491TL OPENH	EUR	3,7600	3,7600	3,7600			3,7600					
Certificate	DE000VA6EBR3	AEX 491TL OPENV	EUR	4,0690	4,0690	4,0690			4,0690					
Certificate	DE000VA7TCL0	AEX 492TL 0319V	EUR	2,8810	2,8810	2,8810			2,8810					
Certificate	DE000VA3ZY09	AEX 492TL 1218V	EUR	2,9650	2,9650	2,9650			2,9650					
Certificate	DE000CJ3N260	AEX 492TL 1218Z	EUR	3,3900	3,5560	2,9460	15142,4400	10	2,9850	4472				
Certificate	DE000CY165W4	AEX 492TL OPENC	EUR	4,7100	4,7100	4,7100			4,7100					
Certificate	DE000VA3ZY25	AEX 493TL 1218V	EUR	2,8710	2,8710	2,8710			2,8710					
Certificate	DE000CY16A42	AEX 493TL OPENC	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	DE000CY165X2	AEX 493TL OPENC	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	DE000VA7TCM8	AEX 494TL 0319V	EUR	2,6990	2,6990	2,6990			2,6990					
Certificate	DE000VA3ZY41	AEX 494TL 1218V	EUR	2,7760	2,7760	2,7760			2,7760					
Certificate	DE000CY16A00	AEX 494TL OPENC	EUR	4,5100	4,5100	4,5100			4,5100					
Certificate	DE000CV4YQ96	AEX 494TL OPENZ	EUR	1,4480	1,4480	1,4480			1,4480					
Certificate	NL0011806435	AEX 495B0C1218B	EUR	4,9300	4,9300	4,9300			4,9300					
Certificate	DE000CP06R53	AEX 495TL 0319C	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	DE000VA3ZY66	AEX 495TL 1218V	EUR	2,6810	2,6810	2,6810			2,6810					
Certificate	DE000CY16A18	AEX 495TL OPENC	EUR	4,4100	4,4100	4,4100			4,4100					
Certificate	DE000CY16A59	AEX 495TL OPENC	EUR	4,8200	4,8200	4,8200			4,8200					
Certificate	DE000VA7PW25	AEX 496TL 0319V	EUR	2,5170	2,5170	2,5170			2,5170					
Certificate	DE000VA3ZY82	AEX 496TL 1218V	EUR	2,5880	2,5880	2,5880			2,5880					
Certificate	DE000CV8A9U7	AEX 496TL 1218Z	EUR	2,5990	2,5990	2,5990			2,5990					
Certificate	DE000VA3ZZA0	AEX 497TL 1218V	EUR	2,4930	2,4930	2,4930			2,4930					
Certificate	DE000CY16A67	AEX 497TL OPENC	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	DE000VA7PW41	AEX 498TL 0319V	EUR	2,3370	2,3370	2,3370			2,3370					
Certificate	DE000VA3ZZC6	AEX 498TL 1218V	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000CJ3PA6	AEX 498TL 1218Z	EUR	2,4080	2,4080	2,4080			2,4080					
Certificate	DE000CY16DQ7	AEX 498TL OPENC	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	DE000VA3ZZE2	AEX 499TL 1218V	EUR	2,3070	2,3070	2,3070			2,3070					
Certificate	DE000CY16DR5	AEX 499TL OPENC	EUR	4,5500	4,5500	4,0200	455,0000	1	4,0200	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	DE000CY16A91	AEX 499TL OPENC	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	DE000VL76CT4	AEX 499TL OPENV	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	DE000CV8BDN8	AEX 499TL OPENZ	EUR	1,2490	1,2490	1,2490								
Certificate	DE000CP06R46	AEX 500TL 0319C	EUR	2,2700	2,2700	2,2700								
Certificate	DE000VA7PW58	AEX 500TL 0319V	EUR	2,1580	2,1580	2,1580								
Certificate	DE000CP06LJ4	AEX 500TL 1218C	EUR	2,2900	2,2900	2,2900								
Certificate	DE000VA3Z2G7	AEX 500TL 1218V	EUR	2,2140	2,2140	2,2140								
Certificate	DE000CV88BU7	AEX 500TL 1218Z	EUR	2,2170	2,2170	2,2170								
Certificate	DE000CY16DS3	AEX 500TL OPENC	EUR	3,9200	3,9200	3,9200								
Certificate	DE000VL76CU2	AEX 500TL OPENV	EUR	3,9500	3,9500	3,9500								
Certificate	DE000CP06R38	AEX 501TL 0319C	EUR	2,1800	2,1800	2,1800								
Certificate	DE000VA71U08	AEX 501TL 0319V	EUR	2,0690	2,0690	2,0690								
Certificate	DE000VA3Z2J1	AEX 501TL 1218V	EUR	2,1210	2,1210	2,1210								
Certificate	DE000CY16E30	AEX 501TL OPENC	EUR	4,2300	4,2300	4,2300								
Certificate	DE000CY16DT1	AEX 501TL OPENC	EUR	3,8200	3,8200	3,8200								
Certificate	DE000VL76CV0	AEX 501TL OPENV	EUR	3,8520	3,8520	3,8520								
Certificate	DE000VL9VX62	AEX 501TL OPENV	EUR	3,7550	3,7550	3,7550								
Certificate	DE000VA7PPT3	AEX 502TL 0319V	EUR	1,9800	1,9800	1,9800								
Certificate	DE000CP06LK2	AEX 502TL 1218C	EUR	2,1100	2,1100	2,1100								
Certificate	DE000VA3Z2L7	AEX 502TL 1218V	EUR	2,0290	2,0290	2,0290								
Certificate	DE000CJ3N7C4	AEX 502TL 1218Z	EUR	2,4400	2,4400	2,0280	2440,0000	1	2,0280	1000				
Certificate	DE000CP06R20	AEX 503TL 0319C	EUR	2,0000	2,0000	2,0000								
Certificate	DE000VA71UV6	AEX 503TL 0319V	EUR	1,8920	1,8920	1,8920								
Certificate	DE000VA3Z2N3	AEX 503TL 1218V	EUR	1,9370	1,9370	1,9370								
Certificate	DE000CY16DV7	AEX 503TL OPENC	EUR	3,6200	3,6200	3,6200								
Certificate	DE000CY16HH7	AEX 503TL OPENC	EUR	4,0300	4,0300	4,0300								
Certificate	DE000VL76CW8	AEX 503TL OPENV	EUR	3,6530	3,6530	3,6530								
Certificate	DE000VL76PJ7	AEX 503TL OPENV	EUR	3,5620	3,5620	3,5620								
Certificate	DE000VA7PPW7	AEX 504TL 0319V	EUR	1,8030	1,8030	1,8030								
Certificate	DE000VA3Z2Q6	AEX 504TL 1218V	EUR	1,8460	1,8460	1,8460								
Certificate	DE000CV8A9V5	AEX 504TL 1218Z	EUR	1,8390	1,8390	1,8390								
Certificate	DE000CV4YQ88	AEX 504TL OPENZ	EUR	1,0490	1,0490	1,0490								
Certificate	DE000CP06R12	AEX 505TL 0319C	EUR	1,8200	1,8200	1,8200								
Certificate	DE000CP06L10	AEX 505TL 1218C	EUR	1,8300	1,8300	1,8300								
Certificate	DE000VA3Z2S2	AEX 505TL 1218V	EUR	1,7540	1,7540	1,7540								
Certificate	DE000CY16HC8	AEX 505TL OPENC	EUR	3,4200	3,4200	3,4200								
Certificate	DE000CY16HJ3	AEX 505TL OPENC	EUR	3,8300	3,8300	3,8300								
Certificate	LU1732547176	AEX 505TL OPENS	EUR											
Certificate	DE000VN66F12	AEX 505TL OPENV	EUR	3,7510	3,7510	3,7510								
Certificate	DE000VL61QM1	AEX 505TL OPENV	EUR	3,4520	3,4520	3,4520								
Certificate	DE000VA7PP20	AEX 506TL 0319V	EUR	1,6270	1,6270	1,6270								
Certificate	DE000VA3Z2U8	AEX 506TL 1218V	EUR	1,6630	1,6630	1,6630								
Certificate	DE000CJ3PBQ2	AEX 506TL 1218Z	EUR	1,6520	1,6520	1,6520								
Certificate	DE000CY16HD6	AEX 506TL OPENC	EUR	3,3200	3,3200	3,3200								
Certificate	DE000CY50EC4	AEX 506TL OPENC	EUR	3,1300	3,1300	3,1300								
Certificate	DE000CY515L3	AEX 506TL OPENC	EUR	2,9100	2,9100	2,9100								
Certificate	DE000CY16N05	AEX 506TL OPENC	EUR	4,0100	4,0100	3,7000	497,2400	1		124				
Certificate	DE000CY515W0	AEX 506TL OPENC	EUR	2,5200	2,5200	2,5200								
Certificate	DE000CY16MW6	AEX 506TL OPENC	EUR	3,2700	3,2900	3,2700	6540,0000	1		2000				
Certificate	DE000VL61QN9	AEX 506TL OPENV	EUR	3,3530	3,3530	3,3530								
Certificate	DE000CP06R04	AEX 507TL 0319C	EUR	1,6400	1,6400	1,6400								
Certificate	DE000VA71WU4	AEX 507TL 0319V	EUR	1,5410	1,5410	1,5410								
Certificate	DE000VA3Z2W4	AEX 507TL 1218V	EUR	1,5720	1,5720	1,5720								
Certificate	DE000CY16MX4	AEX 507TL OPENC	EUR	3,1900	3,1900	3,1900								
Certificate	DE000CY515X8	AEX 507TL OPENC	EUR	2,4200	2,4200	2,4200								
Certificate	DE000CY515M1	AEX 507TL OPENC	EUR	2,8100	2,8100	2,8100								
Certificate	DE000VL61QP4	AEX 507TL OPENV	EUR	3,2540	3,2540	3,2540								
Certificate	DE000VN66F38	AEX 507TL OPENV	EUR	3,5480	3,5480	3,5480								
Certificate	DE000VA7PP24	AEX 508TL 0319V	EUR	1,4530	1,4530	1,4530								
Certificate	DE000CP06LM8	AEX 508TL 1218C	EUR	1,5500	1,5500	1,5500								
Certificate	DE000VA3ZTP1	AEX 508TL 1218V	EUR	1,4820	1,4820	1,4820								
Certificate	DE000CV88BZ7	AEX 508TL 1218Z	EUR	1,4680	1,4680	1,4680								
Certificate	DE000CY16N13	AEX 508TL OPENC	EUR	3,4900	3,4900	3,4900								
Certificate	DE000CY515Y6	AEX 508TL OPENC	EUR	2,6700	2,6700	2,3200	253,6500	1	2,3200	95				
Certificate	DE000CY50JE9	AEX 508TL OPENC	EUR	2,9400	2,9400	2,9400								
Certificate	DE000CY515N9	AEX 508TL OPENC	EUR	2,7000	2,7000	2,7000								
Certificate	DE000VL61QS8	AEX 508TL OPENV	EUR	2,2000	2,2000	2,2000								
Certificate	DE000VL61QO2	AEX 508TL OPENV	EUR	3,1550	3,1550	3,1550								
Certificate	DE000CP06QZ9	AEX 509TL 0319C	EUR	1,4600	1,4600	1,4600								
Certificate	DE000VA71QU6	AEX 509TL 0319V	EUR	1,3660	1,3660	1,3660								
Certificate	DE000VA3Z2X2	AEX 509TL 1218V	EUR	1,3910	1,3910	1,3910								
Certificate	DE000CY515P4	AEX 509TL OPENC	EUR	2,6100	2,6100	2,6100								



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CY519A8	AEX 509TL OPENC	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	DE000CY16QE5	AEX 509TL OPENC	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	DE000VL61QR0	AEX 509TL OPENV	EUR	3,0560	3,0560	3,0560			3,0560					
Certificate	DE000VL61QT6	AEX 509TL OPENV	EUR	2,1030	2,1030	2,1030			2,1030					
Certificate	DE000VL76PK5	AEX 509TL OPENV	EUR	2,9690	2,9690	2,9690			2,9690					
Certificate	DE000CV4YQ70	AEX 509TL OPENZ	EUR	1,0640	1,0710	0,8500	291,1800	3	0,8500	290				
Certificate	DE000CP06QY2	AEX 510TL 0319C	EUR	1,7900	1,9000	1,2800	4991,6800	13	1,3700	3465				
Certificate	DE000VA7PP65	AEX 510TL 0319V	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	DE000CP06LN6	AEX 510TL 1218C	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	DE000VA3ZT09	AEX 510TL 1218V	EUR	1,3020	1,3020	1,3020			1,3020					
Certificate	DE000CJ3PDU0	AEX 510TL 1218Z	EUR	1,7400	1,7400	1,2810	1740,0000	1	1,2810	1000				
Certificate	DE000CY16R19	AEX 510TL OPENC	EUR	3,2000	3,2000	3,1800	320,0000	1	3,1800	100				
Certificate	DE000CY16QQ9	AEX 510TL OPENC	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000CY519B6	AEX 510TL OPENC	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	DE000CY16QL0	AEX 510TL OPENC	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	DE000CY16N21	AEX 510TL OPENC	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	DE000CY515Q2	AEX 510TL OPENC	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	DE000VL9SSR1	AEX 510TL OPENV	EUR	2,8620	2,8620	2,8620			2,8620					
Certificate	DE000VL37N44	AEX 510TL OPENV	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	DE000CP06QX4	AEX 511TL 0319C	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	DE000VA3Z208	AEX 511TL 1218V	EUR	1,2120	1,2120	1,2120			1,2120					
Certificate	DE000CY515R0	AEX 511TL OPENC	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	DE000CY519C4	AEX 511TL OPENC	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000VL37N51	AEX 511TL OPENV	EUR	2,8510	2,8510	2,8510			2,8510					
Certificate	DE000VA7PP99	AEX 512TL 0319V	EUR	1,1080	1,1080	1,1080			1,1080					
Certificate	DE000CP06LP1	AEX 512TL 1218C	EUR	1,6200	1,7200	1,1200	65760,0000	40	1,1800	42975				
Certificate	DE000VA3ZTR7	AEX 512TL 1218V	EUR	1,1230	1,1230	1,1230			1,1230					
Certificate	DE000CJ3PDV8	AEX 512TL 1218Z	EUR	1,0980	1,0980	1,0980			1,0980					
Certificate	DE000CY519D2	AEX 512TL OPENC	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	DE000CY515S8	AEX 512TL OPENC	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	DE000VL37N69	AEX 512TL OPENV	EUR	2,7510	2,7510	2,7510			2,7510					
Certificate	DE000CP06QW6	AEX 513TL 0319C	EUR											
Certificate	DE000CP07CK9	AEX 513TL 0319C	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000VA3Z224	AEX 513TL 1218V	EUR											
Certificate	DE000CP07D58	AEX 513TL OPENC	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	DE000CP07CV6	AEX 513TL OPENC	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	DE000CY51816	AEX 513TL OPENC	EUR	2,2100	2,2100	2,2100			2,2100					
Certificate	DE000CY519E0	AEX 513TL OPENC	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	DE000VL37N77	AEX 513TL OPENV	EUR	2,6520	2,6520	2,6520			2,6520					
Certificate	DE000CP07CL7	AEX 514TL 0319C	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	DE000VA71Y25	AEX 514TL 0319V	EUR	0,9380	0,9380	0,9380			0,9380					
Certificate	DE000VA7PQD5	AEX 514TL 0319V	EUR											
Certificate	DE000VA3ZTS5	AEX 514TL 1218V	EUR											
Certificate	DE000VA71YA2	AEX 514TL 1218V	EUR	0,9460	0,9460	0,9460			0,9460					
Certificate	DE000CJ3PDW6	AEX 514TL 1218Z	EUR											
Certificate	DE000CJ3N278	AEX 514TL 1218Z	EUR											
Certificate	DE000CP07CW4	AEX 514TL OPENC	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CY519P6	AEX 514TL OPENC	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	DE000CP07D66	AEX 514TL OPENC	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	DE000CY51915	AEX 514TL OPENC	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	LU1732547259	AEX 514TL OPENS	EUR											
Certificate	DE000VA71Y66	AEX 514TL OPENV	EUR	1,8880	1,8880	1,8880			1,8880					
Certificate	DE000VL37N85	AEX 514TL OPENV	EUR	2,5520	2,5520	2,5520			2,5520					
Certificate	DE000CJ3PBD0	AEX 514TL OPENZ	EUR	1,5110	1,5110	1,5110			1,5110					
Certificate	DE000CV886E6	AEX 514TL OPENZ	EUR											
Certificate	DE000CP06QV8	AEX 515TL 0319C	EUR											
Certificate	DE000CP07CM5	AEX 515TL 0319C	EUR	1,3000	1,3600	0,9500	399,0000	2	0,9500	300				
Certificate	DE000CP06LQ9	AEX 515TL 1218C	EUR											
Certificate	DE000VA3Z240	AEX 515TL 1218V	EUR											
Certificate	DE000CQ5A224	AEX 515TL OPENC	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000CQ5AER2	AEX 515TL OPENC	EUR	2,1800	2,2400	1,6800	579,0000	4	1,6800	270				
Certificate	DE000CP07CX2	AEX 515TL OPENC	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000CP07D74	AEX 515TL OPENC	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	DE000VA1SRP4	AEX 515TL OPENV	EUR	2,3160	2,3160	2,3160			2,3160					
Certificate	DE000VL37N93	AEX 515TL OPENV	EUR	2,4530	2,4530	2,4530			2,4530					
Certificate	DE000VL76H28	AEX 515TL OPENV	EUR	2,3370	2,3370	2,3370			2,3370					
Certificate	DE000CP07CN3	AEX 516TL 0319C	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000VA7PQG8	AEX 516TL 0319V	EUR											
Certificate	DE000VA71Y33	AEX 516TL 0319V	EUR	0,7680	0,7680	0,7680			0,7680					
Certificate	DE000VA71Y80	AEX 516TL 1218V	EUR	0,7690	0,7690	0,7690			0,7690					
Certificate	DE000VA3ZTT3	AEX 516TL 1218V	EUR											
Certificate	DE000CJ3PDX4	AEX 516TL 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
Certificate	DE000CV8AW35	AEX 516TL 1218Z	EUR											
Certificate	DE000CQ5AES0	AEX 516TL OPENC	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	DE000CQ5AEX0	AEX 516TL OPENC	EUR	2,2500	2,2500	1,9600	225,0000	1	1,9600	100				
Certificate	DE000CP07D82	AEX 516TL OPENC	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CP07CY0	AEX 516TL OPENC	EUR	0,7800	0,8100	0,7000	152,0000	2	0,8100	200				
Certificate	DE000VL9SSU5	AEX 516TL OPENV	EUR	1,6940	1,6940	1,2990	2473,4000	2	1,3300	1600				
Certificate	DE000VA1SR41	AEX 516TL OPENV	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	DE000VA71Y74	AEX 516TL OPENV	EUR	1,6920	1,6920	1,6920			1,6920					
Certificate	DE000CP07CP8	AEX 517TL 0319C	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	DE000CP06QU0	AEX 517TL 0319C	EUR											
Certificate	DE000CP07CZ7	AEX 517TL OPENC	EUR	1,1500	1,1500	0,7100	2250,0000	2	0,7100	2000				
Certificate	DE000CP07D90	AEX 517TL OPENC	EUR	1,6100	1,6100	1,0900	387,4000	2	1,0900	260				
Certificate	DE000CQ5AEY8	AEX 517TL OPENC	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	DE000CQ5AET8	AEX 517TL OPENC	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	DE000VL9S3U0	AEX 517TL OPENV	EUR	2,1780	2,1780	2,1780			2,1780					
Certificate	DE000CP07CQ6	AEX 518TL 0319C	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	DE000VA71Y41	AEX 518TL 0319V	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	DE000CP06LR7	AEX 518TL 1218C	EUR											
Certificate	DE000VA71YC8	AEX 518TL 1218V	EUR	0,5940	0,5940	0,5940			0,5940					
Certificate	DE000C3PDY2	AEX 518TL 1218Z	EUR	0,8990	0,8990	0,4900	439,5000	3	0,5680	684				
Certificate	DE000CQ5AEU6	AEX 518TL OPENC	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	DE000CP07DA8	AEX 518TL OPENC	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	DE000CP07D09	AEX 518TL OPENC	EUR	0,5200	0,6100	0,5200	520,0000	1	0,6100	1000				
Certificate	DE000CQ5AEZ5	AEX 518TL OPENC	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	DE000VL9SS59	AEX 518TL OPENV	EUR	2,0710	2,0710	2,0710			2,0710					
Certificate	DE000VA71Y82	AEX 518TL OPENV	EUR	1,4990	1,4990	1,4990			1,4990					
Certificate	DE000CP07CR4	AEX 519TL 0319C	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	DE000CP06QT2	AEX 519TL 0319C	EUR											
Certificate	DE000CP07D17	AEX 519TL OPENC	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000CP07DB6	AEX 519TL OPENC	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000CQ5AF05	AEX 519TL OPENC	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	DE000CQ5AFH0	AEX 519TL OPENC	EUR	1,6900	1,6900	1,2700	836,5500	1	1,2700	495				
Certificate	LU1732547333	AEX 519TL OPENS	EUR											
Certificate	DE000VL9SS77	AEX 519TL OPENV	EUR											
Certificate	DE000CV887L9	AEX 519TL OPENZ	EUR											
Certificate	DE000CJ3PC99	AEX 519TL OPENZ	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	DE000CP06QS4	AEX 520TL 0319C	EUR											
Certificate	DE000CP07CS2	AEX 520TL 0319C	EUR	0,8300	0,9200	0,5300	35818,3000	10	0,5300	44110				
Certificate	DE000VA71YJ3	AEX 520TL 0319V	EUR	0,4320	0,4320	0,4320			0,4320					
Certificate	DE000CQ58QU8	AEX 520TL 1218C	EUR											
Certificate	DE000VA71YD6	AEX 520TL 1218V	EUR	0,4190	0,4190	0,4190			0,4190					
Certificate	DE000CV8A9X1	AEX 520TL 1218Z	EUR											
Certificate	DE000CJ3PDZ9	AEX 520TL 1218Z	EUR	0,7930	0,9150	0,4055	26763,4100	25	0,4055	35343				
Certificate	DE000CP07D25	AEX 520TL OPENC	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	DE000CQ5AF13	AEX 520TL OPENC	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	DE000CQ5AGP1	AEX 520TL OPENC	EUR	1,6000	1,7400	1,1700	3192,7600	5	1,1700	1974				
Certificate	DE000CP07DC4	AEX 520TL OPENC	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000VA71Y90	AEX 520TL OPENV	EUR	1,3090	1,3090	1,3090			1,3090					
Certificate	DE000VL97SR0	AEX 520TL OPENV	EUR											
Certificate	NL0013011554	AEX 520TS OPENB	EUR											
Certificate	DE000CP07CT0	AEX 521TL 0319C	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	DE000CP06QR6	AEX 521TL 0319C	EUR											
Certificate	DE000VA71YM7	AEX 521TL 0319V	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	DE000CP07DD2	AEX 521TL OPENC	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	DE000CQ5AF21	AEX 521TL OPENC	EUR											
Certificate	DE000CQ5AGQ9	AEX 521TL OPENC	EUR											
Certificate	DE000CP07D33	AEX 521TL OPENC	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	DE000VL97SS8	AEX 521TL OPENV	EUR											
Certificate	NL0013011562	AEX 521TS OPENB	EUR											
Certificate	DE000CP07CU8	AEX 522TL 0319C	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	DE000VA71YQ8	AEX 522TL 0319V	EUR	0,2805	0,2805	0,2805			0,2805					
Certificate	DE000CP06LS5	AEX 522TL 1218C	EUR											
Certificate	DE000VA71YF1	AEX 522TL 1218V	EUR	0,2770	0,2770	0,2770			0,2770					
Certificate	DE000CV88BV5	AEX 522TL 1218Z	EUR											
Certificate	DE000CP07DE0	AEX 522TL OPENC	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000CQ5AGR7	AEX 522TL OPENC	EUR											
Certificate	DE000CQ5AH03	AEX 522TL OPENC	EUR											
Certificate	DE000CP07D41	AEX 522TL OPENC	EUR	0,7300	0,7500	0,2800	7891,3000	9	0,2800	11122				
Certificate	DE000VA71ZB7	AEX 522TL OPENV	EUR	1,1170	1,1170	1,1170			1,1170					
Certificate	DE000VL97S16	AEX 522TL OPENV	EUR											
Certificate	NL0013011570	AEX 522TS OPENB	EUR											
Certificate	DE000CP06QQ8	AEX 523TL 0319C	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CQ5AGS5	AEX 523TL OPENC	EUR											
Certificate	DE000CQ5AH11	AEX 523TL OPENC	EUR											
Certificate	DE000CP07DF7	AEX 523TL OPENC	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	DE000VL97SU4	AEX 523TL OPENV	EUR											
Certificate	NL0013011588	AEX 523TS OPENB	EUR											
Certificate	DE000VA71VG5	AEX 523TS OPENV	EUR											
Certificate	DE000CQ5AGT3	AEX 524TL OPENC	EUR											
Certificate	DE000CP07DG5	AEX 524TL OPENC	EUR											
Certificate	DE000CQ5AH29	AEX 524TL OPENC	EUR											
Certificate	DE000VL97SV2	AEX 524TL OPENV	EUR											
Certificate	DE000VA71ZE1	AEX 524TL OPENV	EUR											
Certificate	DE000CJ3PDA2	AEX 524TL OPENZ	EUR											
Certificate	DE000CV888Q6	AEX 524TL OPENZ	EUR											
Certificate	DE000CP06VX4	AEX 524TS 0319C	EUR											
Certificate	NL0013011596	AEX 524TS OPENB	EUR											
Certificate	DE000CP06VV8	AEX 524TS OPENC	EUR											
Certificate	DE000CP06QP0	AEX 525TL 0319C	EUR											
Certificate	DE000CQ58QT0	AEX 525TL 1218C	EUR											
Certificate	DE000CQ5AGU1	AEX 525TL OPENC	EUR											
Certificate	DE000CP07DH3	AEX 525TL OPENC	EUR											
Certificate	DE000CQ5AH37	AEX 525TL OPENC	EUR											
Certificate	DE000VL97SW0	AEX 525TL OPENV	EUR											
Certificate	DE000VA71U37	AEX 525TS 0319V	EUR											
Certificate	NL0013009244	AEX 525TS OPENB	EUR											
Certificate	DE000CP06TJ7	AEX 525TS OPENC	EUR											
Certificate	DE000CP06VU0	AEX 525TS OPENC	EUR											
Certificate	DE000VA71VK7	AEX 525TS OPENV	EUR											
Certificate	DE000CV8BA89	AEX 526TL 1218Z	EUR											
Certificate	DE000CQ5AH45	AEX 526TL OPENC	EUR											
Certificate	DE000CQ5AME3	AEX 526TL OPENC	EUR											
Certificate	DE000CP07DJ9	AEX 526TL OPENC	EUR											
Certificate	DE000VL97SY6	AEX 526TL OPENV	EUR											
Certificate	DE000CP06VW6	AEX 526TS 0319C	EUR											
Certificate	DE000VA71U52	AEX 526TS 0319V	EUR											
Certificate	DE000VA71UP8	AEX 526TS 1218V	EUR											
Certificate	DE000CP06VT2	AEX 526TS OPENC	EUR											
Certificate	DE000CJ3NSR6	AEX 526TS OPENZ	EUR											
Certificate	DE000CP06QN5	AEX 527TL 0319C	EUR											
Certificate	DE000CQ5AH52	AEX 527TL OPENC	EUR											
Certificate	DE000CP07DK7	AEX 527TL OPENC	EUR											
Certificate	DE000CQ5AMF0	AEX 527TL OPENC	EUR											
Certificate	DE000VA187L0	AEX 527TL OPENV	EUR											
Certificate	DE000VA1GNM5	AEX 527TL OPENV	EUR											
Certificate	DE000CP06VS4	AEX 527TS OPENC	EUR											
Certificate	DE000VA71VL5	AEX 527TS OPENV	EUR											
Certificate	DE000CP06LT3	AEX 528TL 1218C	EUR											
Certificate	DE000CV8A9Y9	AEX 528TL 1218Z	EUR											
Certificate	DE000CQ5AMG8	AEX 528TL OPENC	EUR											
Certificate	DE000CQ5AH60	AEX 528TL OPENC	EUR											
Certificate	DE000CP07DL5	AEX 528TL OPENC	EUR											
Certificate	DE000VA1GHX4	AEX 528TL OPENV	EUR											
Certificate	DE000CP06VR6	AEX 528TS 0319C	EUR											
Certificate	DE000VA71U78	AEX 528TS 0319V	EUR											
Certificate	DE000VA71UQ6	AEX 528TS 1218V	EUR											
Certificate	DE000CJ3PAQ4	AEX 528TS 1218Z	EUR											
Certificate	DE000CP06VQ8	AEX 528TS OPENC	EUR											
Certificate	DE000CP06QM7	AEX 529TL 0319C	EUR											
Certificate	DE000CQ5AH78	AEX 529TL OPENC	EUR											
Certificate	LU1784827005	AEX 529TL OPENS	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	DE000VA1GHZ9	AEX 529TL OPENV	EUR											
Certificate	DE000CV88921	AEX 529TL OPENZ	EUR											
Certificate	DE000CP06VP0	AEX 529TS OPENC	EUR											
Certificate	DE000VA71RA6	AEX 529TS OPENV	EUR											
Certificate	DE000CQ58QS2	AEX 530TL 1218C	EUR											
Certificate	DE000CQ5AMS3	AEX 530TL OPENC	EUR											
Certificate	DE000CQ5AH86	AEX 530TL OPENC	EUR											
Certificate	DE000VA1GH05	AEX 530TL OPENV	EUR											
Certificate	DE000CP06TA6	AEX 530TS 0319C	EUR											
Certificate	DE000VA71WV2	AEX 530TS 0319V	EUR											
Certificate	DE000VA71UR4	AEX 530TS 1218V	EUR											
Certificate	DE000CJ3N7E0	AEX 530TS 1218Z	EUR											
Certificate	DE000CP06T44	AEX 530TS 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	DE000CP06TH1	AEX 530TS OPENC	EUR											
Certificate	DE000CQ5AML8	AEX 531TL OPENC	EUR											
Certificate	DE000VA1GH21	AEX 531TL OPENV	EUR											
Certificate	DE000VA71Q17	AEX 531TS 0319V	EUR											
Certificate	DE000CP06T36	AEX 531TS OPENC	EUR											
Certificate	DE000VA71RB4	AEX 531TS OPENV	EUR											
Certificate	DE000CJ3N5S4	AEX 531TS OPENZ	EUR											
Certificate	DE000CQ5AMM6	AEX 532TL OPENC	EUR											
Certificate	DE000CQ5AMV7	AEX 532TL OPENC	EUR											
Certificate	DE000VA1GJL5	AEX 532TL OPENV	EUR											
Certificate	DE000CP06T93	AEX 532TS 0319C	EUR											
Certificate	DE000VA71Q25	AEX 532TS 0319V	EUR											
Certificate	DE000VA71QM3	AEX 532TS 1218V	EUR											
Certificate	DE000CJ3N7F7	AEX 532TS 1218Z	EUR											
Certificate	DE000CP06T28	AEX 532TS OPENC	EUR											
Certificate	DE000CP06TG3	AEX 532TS OPENC	EUR											
Certificate	DE000CQ5AMN4	AEX 533TL OPENC	EUR											
Certificate	DE000CQ5AMW5	AEX 533TL OPENC	EUR											
Certificate	DE000VA1GK59	AEX 533TL OPENV	EUR											
Certificate	DE000VA71Q33	AEX 533TS 0319V	EUR											
Certificate	DE000CP06T10	AEX 533TS OPENC	EUR											
Certificate	DE000VA71RC2	AEX 533TS OPENV	EUR											
Certificate	DE000CQ5AMP9	AEX 534TL OPENC	EUR											
Certificate	DE000CQ5AN88	AEX 534TL OPENC	EUR											
Certificate	DE000VA1GK67	AEX 534TL OPENV	EUR											
Certificate	DE000VA71Q41	AEX 534TS 0319V	EUR	0,8900	1,4720	0,8265	4002,2400	11	1,4720	4492				
Certificate	DE000VA71QN1	AEX 534TS 1218V	EUR	1,4070	1,4070	1,4070			1,4070					
Certificate	DE000CJ3N8P4	AEX 534TS 1218Z	EUR											
Certificate	DE000CP06T02	AEX 534TS OPENC	EUR	0,8100	1,2500	0,6500	12977,1500	16	1,2000	15819				
Certificate	DE000CQ5ANF8	AEX 535TL OPENC	EUR											
Certificate	DE000CQ5ANA9	AEX 535TL OPENC	EUR											
Certificate	DE000CP06T85	AEX 535TS 0319C	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	DE000CP06S25	AEX 535TS OPENC	EUR	0,8900	1,3000	0,8800	164,2500	2	1,3000	150				
Certificate	DE000CP06TF5	AEX 535TS OPENC	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	DE000VA71RD0	AEX 535TS OPENV	EUR	2,3310	2,3310	2,3310			2,3310					
Certificate	DE000CQ5ANB7	AEX 536TL OPENC	EUR											
Certificate	DE000CQ5ANH4	AEX 536TL OPENC	EUR											
Certificate	DE000VA71Q58	AEX 536TS 0319V	EUR	1,6910	1,6910	1,6910			1,6910					
Certificate	DE000VA71QP6	AEX 536TS 1218V	EUR	1,6180	1,6180	1,6180			1,6180					
Certificate	DE000CJ3N7G5	AEX 536TS 1218Z	EUR											
Certificate	DE000CP06SY8	AEX 536TS OPENC	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000CJ3N5T2	AEX 536TS OPENZ	EUR	1,9670	1,9670	1,9670			1,9670					
Certificate	DE000CQ5ANC5	AEX 537TL OPENC	EUR											
Certificate	DE000CQ5ANJ0	AEX 537TL OPENC	EUR											
Certificate	DE000CP06SX0	AEX 537TS OPENC	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	DE000VA71RE8	AEX 537TS OPENV	EUR	2,5350	2,5350	2,5350			2,5350					
Certificate	DE000CQ5AND3	AEX 538TL OPENC	EUR											
Certificate	DE000CP06T77	AEX 538TS 0319C	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	DE000VA71Q66	AEX 538TS 0319V	EUR	1,9090	1,9090	1,9090			1,9090					
Certificate	DE000VA71Q04	AEX 538TS 1218V	EUR	1,8280	1,8280	1,8280			1,8280					
Certificate	DE000CJ3N8Q2	AEX 538TS 1218Z	EUR											
Certificate	DE000CP06SW2	AEX 538TS OPENC	EUR	1,2000	1,6000	1,1900	240,0000	1	1,6000	200				
Certificate	DE000CP06TE8	AEX 538TS OPENC	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	LU1784827187	AEX 539TL OPENS	EUR	0,1400	0,1400	0,1400			0,1400					
Certificate	DE000VA71RF5	AEX 539TS OPENV	EUR	2,7390	2,7390	2,7390			2,7390					
Certificate	NL0012648612	AEX 540BON0619Z	EUR	53,8400	53,8400	53,8400			53,8400					
Certificate	NL0012648604	AEX 540BON1218Z	EUR	54,1400	54,1400	54,1400			54,1400					
Certificate	NL0012648638	AEX 540BON1219Z	EUR	53,7200	53,7200	53,7200			53,7200					
Certificate	DE000CP06T69	AEX 540TS 0319C	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	DE000VA71Q74	AEX 540TS 0319V	EUR	2,1250	2,1250	2,1250			2,1250					
Certificate	DE000VA71QR2	AEX 540TS 1218V	EUR	2,0360	2,0360	2,0360			2,0360					
Certificate	DE000CJ3N8R0	AEX 540TS 1218Z	EUR	1,9460	1,9460	1,9460			1,9460					
Certificate	NL0013007081	AEX 540TS OPENB	EUR	1,8480	2,3170	1,8430	6972,0600	4	2,2870	3127				
Certificate	DE000CP06TD0	AEX 540TS OPENC	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	DE000CP06SU6	AEX 540TS OPENC	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	LU1732547689	AEX 540TS OPENS	EUR											
Certificate	NL0013007107	AEX 541TS OPENB	EUR	1,7940	2,3880	1,7940	1510,2000	2	2,3880	750				
Certificate	DE000CP06ST8	AEX 541TS OPENC	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	DE000VA71RG3	AEX 541TS OPENV	EUR	2,5070	2,9430	2,5070	5020,6600	3	2,9430	2000				
Certificate	DE000CJ3N1E3	AEX 541TS OPENZ	EUR	2,4590	2,4590	2,4590			2,4590					
Certificate	DE000CP06T51	AEX 542TS 0319C	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	DE000VA71Q82	AEX 542TS 0319V	EUR	2,3390	2,3390	2,3390			2,3390					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA71Q50	AEX 542TS 1218V	EUR	2,2420	2,2420	2,2420			2,2420					
Certificate	DE000CJ3N7H3	AEX 542TS 1218Z	EUR	1,6200	2,1520	1,6200	2338,0000	2	2,1520	1400				
Certificate	DE000CP067C2	AEX 542TS OPENC	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000CP065S0	AEX 542TS OPENC	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	LU1840959479	AEX 543TPIOpens	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	DE000CP065R2	AEX 543TS OPENC	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	DE000VA71RH1	AEX 543TS OPENV	EUR	3,1470	3,1470	3,1470			3,1470					
Certificate	DE000VA3TKW9	AEX 544TL OPENV	EUR											
Certificate	DE000VA71Q90	AEX 544TS 0319V	EUR	2,5530	2,5530	2,5530			2,5530					
Certificate	DE000VA71QT8	AEX 544TS 1218V	EUR	2,4480	2,4480	2,4480			2,4480					
Certificate	DE000CJ3PD07	AEX 544TS 1218Z	EUR	2,3570	2,3570	2,3570			2,3570					
Certificate	DE000CP065Q4	AEX 544TS OPENC	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	NL0012795421	AEX 545DIS0619Z	EUR	50,4600	50,4600	50,4600			50,4600					
Certificate	DE000CQ58MH4	AEX 545TL OPENC	EUR											
Certificate	DE000CP065P6	AEX 545TS 0319C	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	DE000VA71Y58	AEX 545TS 0319V	EUR	2,6580	2,6580	2,6580			2,6580					
Certificate	DE000CP065N1	AEX 545TS OPENC	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	DE000CP06TB4	AEX 545TS OPENC	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	DE000VA7TCW7	AEX 545TS OPENV	EUR	3,3290	3,3290	3,3290			3,3290					
Certificate	DE000CY52DQ2	AEX 546TL OPENC	EUR											
Certificate	DE000CQ58MJ0	AEX 546TL OPENC	EUR											
Certificate	DE000CQ5AY69	AEX 546TL OPENC	EUR											
Certificate	DE000VA1SVV4	AEX 546TL OPENV	EUR											
Certificate	DE000CP065M3	AEX 546TS 0319C	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	DE000VA7TD40	AEX 546TS 1218V	EUR	2,6520	2,6520	2,6520			2,6520					
Certificate	DE000CJ3N286	AEX 546TS 1218Z	EUR	2,5610	2,5610	2,5610			2,5610					
Certificate	DE000CP06594	AEX 546TS OPENC	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000CP065J9	AEX 546TS OPENC	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	DE000CJ3N1F0	AEX 546TS OPENZ	EUR	2,9650	2,9650	2,9650			2,9650					
Certificate	DE000CQ58MK8	AEX 547TL OPENC	EUR											
Certificate	DE000CY52DR0	AEX 547TL OPENC	EUR											
Certificate	DE000CQ5AY77	AEX 547TL OPENC	EUR											
Certificate	DE000VA7TEB7	AEX 547TS 0319V	EUR	2,8690	2,8690	2,8690			2,8690					
Certificate	DE000CP065H3	AEX 547TS OPENC	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	DE000CP06586	AEX 547TS OPENC	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	DE000CY528L6	AEX 547TS OPENC	EUR											
Certificate	DE000VA7TCX5	AEX 547TS OPENV	EUR	3,5330	3,5330	3,5330			3,5330					
Certificate	DE000VA4RMV9	AEX 548TL 1218V	EUR											
Certificate	DE000CQ5AY85	AEX 548TL OPENC	EUR											
Certificate	DE000CQ5AVV8	AEX 548TL OPENC	EUR											
Certificate	DE000CY52DS8	AEX 548TL OPENC	EUR											
Certificate	DE000CQ58ML6	AEX 548TL OPENC	EUR											
Certificate	DE000CP065L5	AEX 548TS 0319C	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	DE000VA7TCR7	AEX 548TS 0319V	EUR	2,9730	2,9730	2,9730			2,9730					
Certificate	DE000VA7TB26	AEX 548TS 1218V	EUR	2,8560	2,8560	2,8560			2,8560					
Certificate	DE000CJ3N294	AEX 548TS 1218Z	EUR	2,7680	2,7680	2,7680			2,7680					
Certificate	DE000CY528K8	AEX 548TS OPENC	EUR											
Certificate	DE000CP06578	AEX 548TS OPENC	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	DE000CP065G5	AEX 548TS OPENC	EUR	2,5800	2,5800	2,5800			2,5800					
Certificate	DE000CQ5AY93	AEX 549TL OPENC	EUR											
Certificate	DE000CY52DT6	AEX 549TL OPENC	EUR											
Certificate	DE000CQ58MM4	AEX 549TL OPENC	EUR											
Certificate	DE000CQ5AVV6	AEX 549TL OPENC	EUR											
Certificate	DE000CP068Q3	AEX 549TS 1218C	EUR											
Certificate	DE000CY528J0	AEX 549TS OPENC	EUR											
Certificate	DE000CP06560	AEX 549TS OPENC	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	DE000CP068C3	AEX 549TS OPENC	EUR											
Certificate	DE000CP065F7	AEX 549TS OPENC	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	DE000CP068X9	AEX 549TS OPENC	EUR											
Certificate	DE000VA7TCY3	AEX 549TS OPENV	EUR	3,7370	3,7370	3,7370			3,7370					
Certificate	NL0012146104	AEX 550BOC1218Z	EUR	54,9000	54,9000	54,9000			54,9000					
Certificate	NL0012795868	AEX 550BON0619Z	EUR	52,0900	52,0900	52,0900			52,0900					
Certificate	NL0012795447	AEX 550DIS1219Z	EUR	49,6000	49,6000	49,6000			49,6000					
Certificate	DE000CQ58CW4	AEX 550TL OPENC	EUR											
Certificate	DE000CQ5AVX4	AEX 550TL OPENC	EUR											
Certificate	DE000CQ5AYE8	AEX 550TL OPENC	EUR											
Certificate	DE000CQ5AYP4	AEX 550TL OPENC	EUR											
Certificate	DE000CP065K7	AEX 550TS 0319C	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	DE000VA7TCT3	AEX 550TS 0319V	EUR	3,1830	3,1830	3,1830			3,1830					
Certificate	DE000CP068P5	AEX 550TS 1218C	EUR											
Certificate	DE000VA7TB42	AEX 550TS 1218V	EUR	3,0580	3,0580	3,0580			3,0580					
Certificate	DE000CJ3N104	AEX 550TS 1218Z	EUR	2,9700	2,9700	2,9700			2,9700					



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	DE000CY527G8	AEX 550TS OPENC	EUR											
Certificate	DE000CP066Y1	AEX 550TS OPENC	EUR											
Certificate	DE000CP065S2	AEX 550TS OPENC	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	DE000CP065E0	AEX 550TS OPENC	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	DE000CP068W1	AEX 550TS OPENC	EUR											
Certificate	DE000CQ58KA3	AEX 550TS OPENC	EUR											
Certificate	DE000CQ5AYF5	AEX 551TL OPENC	EUR											
Certificate	DE000CQ58CX2	AEX 551TL OPENC	EUR											
Certificate	DE000CQ58CS2	AEX 551TL OPENC	EUR											
Certificate	DE000CP065A5	AEX 551TS OPENC	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	DE000CP068V3	AEX 551TS OPENC	EUR											
Certificate	DE000CP06SD2	AEX 551TS OPENC	EUR	2,4200	2,8800	2,3500	1431,0000	2	2,8800	600				
Certificate	DE000VA77CZ0	AEX 551TS OPENV	EUR	3,9410	3,9410	3,9410			3,9410					
Certificate	DE000CJ3NZ29	AEX 551TS OPENZ	EUR	3,4650	3,4650	3,4650			3,4650					
Certificate	DE000CQ58CY0	AEX 552TL OPENC	EUR											
Certificate	DE000CQ58CT0	AEX 552TL OPENC	EUR											
Certificate	DE000CP06511	AEX 552TS 0319C	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	DE000VA77CV9	AEX 552TS 0319V	EUR	3,3910	3,3910	3,3910			3,3910					
Certificate	DE000VA77B59	AEX 552TS 1218V	EUR	3,2590	3,2590	3,2590			3,2590					
Certificate	DE000CJ3N112	AEX 552TS 1218Z	EUR	3,1730	3,1730	3,1730			3,1730					
Certificate	DE000CP065C4	AEX 552TS OPENC	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	DE000CP06537	AEX 552TS OPENC	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	DE000CQ58D48	AEX 553TL OPENC	EUR											
Certificate	DE000CQ58CU8	AEX 553TL OPENC	EUR											
Certificate	DE000CP06503	AEX 553TS 0319C	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	DE000CP06529	AEX 553TS OPENC	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	DE000CP065B6	AEX 553TS OPENC	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	DE000VA77PXM2	AEX 553TS OPENV	EUR	4,1420	4,1420	4,1420			4,1420					
Certificate	DE000CQ58CV6	AEX 554TL OPENC	EUR											
Certificate	DE000CP06RZ7	AEX 554TS 0319C	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	DE000VA77PXE9	AEX 554TS 0319V	EUR	3,1080	3,5970	3,1080	19413,0000	3	3,5970	6000				
Certificate	DE000VA77B75	AEX 554TS 1218V	EUR	3,4590	3,4590	3,4590			3,4590					
Certificate	DE000CJ3NZ27	AEX 554TS 1218Z	EUR	3,3740	3,3740	3,3740			3,3740					
Certificate	DE000CY528B7	AEX 554TS OPENC	EUR											
Certificate	DE000CP065A8	AEX 554TS OPENC	EUR	3,1800	3,1800	3,1800			3,1800					
Certificate	LU1732547416	AEX 554TS OPENS	EUR											
Certificate	DE000CQ58D14	AEX 555TL OPENC	EUR											
Certificate	DE000CQ58G37	AEX 555TL OPENC	EUR											
Certificate	DE000VA77PXG4	AEX 555TS 0319V	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	DE000CP068J8	AEX 555TS 1218C	EUR	3,5200	3,5200	3,5200			3,5200					
Certificate	DE000CP068R1	AEX 555TS OPENC	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	DE000CP066G8	AEX 555TS OPENC	EUR	3,5900	3,5900	3,5900			3,5900					
Certificate	DE000CQ58G45	AEX 556TL OPENC	EUR											
Certificate	DE000CQ58G78	AEX 556TL OPENC	EUR											
Certificate	DE000VA77PXJ8	AEX 556TS 0319V	EUR	3,8030	3,8030	3,8030			3,8030					
Certificate	DE000CP06701	AEX 556TS 1218C	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	DE000VA6D8D8	AEX 556TS 1218V	EUR	3,2440	3,6590	3,2440	3,2400	1	3,6590	1				
Certificate	DE000CJ3NZ03	AEX 556TS 1218Z	EUR	3,5720	3,5720	3,5720			3,5720					
Certificate	DE000CP066F0	AEX 556TS OPENC	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	DE000CP06727	AEX 556TS OPENC	EUR	3,2800	3,2800	3,2800			3,2800					
Certificate	DE000VA6D765	AEX 556TS OPENV	EUR	4,3240	4,3240	4,3240			4,3240					
Certificate	DE000CV889D2	AEX 556TS OPENZ	EUR	1,6620	1,6620	1,6620			1,6620					
Certificate	DE000CQ58G86	AEX 557TL OPENC	EUR											
Certificate	DE000CP066Z8	AEX 557TS 1218C	EUR	3,7200	3,7200	3,7200			3,7200					
Certificate	DE000CP06719	AEX 557TS OPENC	EUR	3,1000	3,3800	3,1000	1240,0000	2	3,3800	400				
Certificate	DE000CP066E3	AEX 557TS OPENC	EUR	3,7900	3,7900	3,7900			3,7900					
Certificate	DE000VA6D773	AEX 557TS OPENV	EUR	4,4260	4,4260	4,4260			4,4260					
Certificate	DE000VA77PXL4	AEX 558TS 0319V	EUR	4,0080	4,0080	4,0080			4,0080					
Certificate	DE000CP066N4	AEX 558TS 1218C	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	DE000VA6D8E6	AEX 558TS 1218V	EUR	3,8580	3,8580	3,8580			3,8580					
Certificate	DE000CV88AD5	AEX 558TS 1218Z	EUR	3,3770	3,7730	3,3770	1385,4000	2	3,7730	400				
Certificate	DE000CP066D5	AEX 558TS OPENC	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	DE000CP066V7	AEX 558TS OPENC	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	DE000VA6D781	AEX 558TS OPENV	EUR	4,5280	4,5280	4,5280			4,5280					
Certificate	DE000CP066C7	AEX 559TS OPENC	EUR	3,9900	3,9900	3,9900			3,9900					
Certificate	DE000CP066U9	AEX 559TS OPENC	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	DE000CQ58GX3	AEX 559TS OPENC	EUR											
Certificate	DE000VA6D5E2	AEX 559TS OPENV	EUR	4,6250	4,6250	4,6250			4,6250					
Certificate	DE000CP066M6	AEX 560TS 1218C	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	DE000VA6D8F3	AEX 560TS 1218V	EUR	4,0560	4,0560	4,0560			4,0560					
Certificate	DE000CJ3NYG0	AEX 560TS 1218Z	EUR	3,9740	3,9740	3,9740			3,9740					
Certificate	DE000CQ58GW5	AEX 560TS 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	DE000CP066B9	AEX 560TS OPENC	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	DE000CP066T1	AEX 560TS OPENC	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	DE000VA6D5F9	AEX 560TS OPENV	EUR	4,7270	4,7270	4,7270			4,7270					
Certificate	DE000VA7PVT1	AEX 561TS 0319V	EUR	4,3130	4,3130	4,3130			4,3130					
Certificate	DE000CP066S3	AEX 561TS OPENC	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	DE000CP066A1	AEX 561TS OPENC	EUR	4,1900	4,1900	4,1900			4,1900					
Certificate	DE000VA6D5G7	AEX 561TS OPENV	EUR	4,8290	4,8290	4,8290			4,8290					
Certificate	DE000CV8B862	AEX 561TS OPENZ	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	DE000VA7PVU9	AEX 562TS 0319V	EUR	4,4150	4,4150	4,4150			4,4150					
Certificate	DE000CP066L8	AEX 562TS 1218C	EUR	4,2300	4,2300	4,2300			4,2300					
Certificate	DE000VA6D5W4	AEX 562TS 1218V	EUR	4,2540	4,2540	4,2540			4,2540					
Certificate	DE000CJ3NYH8	AEX 562TS 1218Z	EUR	4,1740	4,1740	4,1740			4,1740					
Certificate	DE000CP06693	AEX 562TS OPENC	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	DE000CP066R5	AEX 562TS OPENC	EUR	3,8700	3,8700	3,8700			3,8700					
Certificate	DE000VA6D5H5	AEX 562TS OPENV	EUR	4,9310	4,9310	4,9310			4,9310					
Certificate	DE000VA7PRH4	AEX 563TS 0319V	EUR	4,5150	4,5150	4,5150			4,5150					
Certificate	DE000CP066Q7	AEX 563TS OPENC	EUR	3,9700	3,9700	3,9700			3,9700					
Certificate	DE000CP06487	AEX 563TS OPENC	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	DE000VA6D5J1	AEX 563TS OPENV	EUR	5,0320	5,0320	5,0320			5,0320					
Certificate	DE000VA7PRK8	AEX 564TS 0319V	EUR	4,6170	4,6170	4,6170			4,6170					
Certificate	DE000CP066K0	AEX 564TS 1218C	EUR	4,4300	4,4300	4,4300			4,4300					
Certificate	DE000VA6D5X2	AEX 564TS 1218V	EUR	4,4520	4,4520	4,4520			4,4520					
Certificate	DE000CJ3NVY9	AEX 564TS 1218Z	EUR	4,3750	4,3750	4,3750			4,3750					
Certificate	DE000CP066P9	AEX 564TS OPENC	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	DE000CP06479	AEX 564TS OPENC	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	DE000VA6D5K9	AEX 564TS OPENV	EUR	5,1400	5,1400	5,1400			5,1400					
Certificate	DE000CP06R79	AEX 565TS 0319C	EUR	4,7000	4,7000	4,7000			4,7000					
Certificate	DE000CY52UM5	AEX 565TS OPENC	EUR											
Certificate	DE000CP06461	AEX 565TS OPENC	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	DE000VA7PRM4	AEX 566TS 0319V	EUR	4,8190	4,8190	4,8190			4,8190					
Certificate	DE000CQ5B5T6	AEX 566TS 1218C	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	DE000VASRF21	AEX 566TS 1218V	EUR	4,6490	4,6490	4,6490			4,6490					
Certificate	DE000CV8B8N3	AEX 566TS 1218Z	EUR	4,5770	4,5770	4,5770			4,5770					
Certificate	DE000CY52SR8	AEX 566TS OPENC	EUR											
Certificate	DE000CP06453	AEX 566TS OPENC	EUR	4,6800	4,6800	4,6800			4,6800					
Certificate	DE000CV8AUM6	AEX 566TS OPENZ	EUR	1,9490	2,0660	1,9490	20090,4000	5	2,0660	10100				
Certificate	DE000CP06R87	AEX 567TS 0319C	EUR	4,9100	4,9100	4,9100			4,9100					
Certificate	DE000VASRF00	AEX 567TS 1218V	EUR	4,7480	4,7480	4,7480			4,7480					
Certificate	DE000CQ5B5P4	AEX 567TS OPENC	EUR	4,2400	4,2400	4,2400			4,2400					
Certificate	DE000CY52SQ0	AEX 567TS OPENC	EUR											
Certificate	DE000CP06446	AEX 567TS OPENC	EUR	4,7800	4,7800	4,7800			4,7800					
Certificate	DE000VASR6B0	AEX 567TS OPENV	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	DE000VA7PRO5	AEX 568TS 0319V	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	DE000CQ5B5S8	AEX 568TS 1218C	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	DE000VASRF18	AEX 568TS 1218V	EUR	4,8450	4,8450	4,8450			4,8450					
Certificate	DE000CV8B8P8	AEX 568TS 1218Z	EUR	4,7760	4,7760	4,7760			4,7760					
Certificate	DE000CQ5B5N9	AEX 568TS OPENC	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	DE000CP06438	AEX 568TS OPENC	EUR	4,8800	4,8800	4,8800			4,8800					
Certificate	DE000VASR6C8	AEX 568TS OPENV	EUR	5,4200	5,4200	5,4200			5,4200					
Certificate	NL0012988828	AEX 569BS OPENB	EUR	4,2370	4,7410	4,2370	1059,2500	1	4,7410	250				
Certificate	DE000CP06R95	AEX 569TS 0319C	EUR	5,1100	5,1100	5,1100			5,1100					
Certificate	DE000VASRF26	AEX 569TS 1218V	EUR	4,9440	4,9440	4,9440			4,9440					
Certificate	DE000CQ5B5M1	AEX 569TS OPENC	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	DE000CP06420	AEX 569TS OPENC	EUR	4,9800	4,9800	4,9800			4,9800					
Certificate	DE000VASRDS1	AEX 569TS OPENV	EUR	5,5100	5,5100	5,5100			5,5100					
Certificate	NL0012795157	AEX 570BOCO319Z	EUR	55,7100	55,7100	55,7100			55,7100					
Certificate	NL0012795876	AEX 570BONON919Z	EUR	51,9700	51,9700	51,9700			51,9700					
Certificate	DE000CP06RA0	AEX 570TS 0319C	EUR	5,2100	5,2100	5,2100			5,2100					
Certificate	DE000VA7PRR3	AEX 570TS 0319V	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	DE000CQ5B5R0	AEX 570TS 1218C	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	DE000VASRF34	AEX 570TS 1218V	EUR	5,0420	5,0420	5,0420			5,0420					
Certificate	DE000CV8AXC1	AEX 570TS 1218Z	EUR	4,9770	4,9770	4,9770			4,9770					
Certificate	DE000CQ5B8C07	AEX 570TS OPENC	EUR											
Certificate	DE000CQ5B8CA0	AEX 570TS OPENC	EUR											
Certificate	DE000CQ5B5L3	AEX 570TS OPENC	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	DE000CQ5B8H7	AEX 570TS OPENC	EUR											
Certificate	DE000CP06412	AEX 570TS OPENC	EUR	5,0800	5,0800	5,0800			5,0800					
Certificate	DE000VASRDT9	AEX 570TS OPENV	EUR	5,6100	5,6100	5,6100			5,6100					
Certificate	DE000CP06R88	AEX 571TS 0319C	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	DE000VASRF42	AEX 571TS 1218V	EUR	5,1500	5,1500	5,1500			5,1500					
Certificate	DE000CQ5B566	AEX 571TS OPENC	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	DE000CP06404	AEX 571TS OPENC	EUR	5,1800	5,1800	5,1800			5,1800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VASRDU7	AEX 571TS OPENV	EUR	5,7100	5,7100	5,7100			5,7100					
Certificate	DE000CV4YQH3	AEX 571TS OPENZ	EUR	2,2300	2,2660	2,2300	111,5000	1	2,2660	50				
Certificate	DE000VA7PRS1	AEX 572TS 0319V	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	DE000CQ5B582	AEX 572TS 1218C	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	DE000VASRC45	AEX 572TS 1218V	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	DE000CV8AW68	AEX 572TS 1218Z	EUR	5,1780	5,1780	5,1780			5,1780					
Certificate	DE000CQ5B5S8	AEX 572TS OPENC	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	DE000CP063Z5	AEX 572TS OPENC	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	DE000VASRDV5	AEX 572TS OPENV	EUR	5,8100	5,8100	5,8100			5,8100					
Certificate	DE000CP06RC6	AEX 573TS 0319C	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	DE000VASRC60	AEX 573TS 1218V	EUR	5,3400	5,3400	5,3400			5,3400					
Certificate	DE000CP063Y8	AEX 573TS OPENC	EUR	5,3800	5,3800	5,3800			5,3800					
Certificate	DE000VASRDW3	AEX 573TS OPENV	EUR	5,9100	5,9100	5,9100			5,9100					
Certificate	DE000VA7PRT9	AEX 574TS 0319V	EUR	5,6300	5,6300	5,6300			5,6300					
Certificate	DE000VASRC52	AEX 574TS 1218V	EUR	5,4400	5,4400	5,4400			5,4400					
Certificate	DE000CV8B6Z1	AEX 574TS 1218Z	EUR	5,3780	5,3780	5,3780			5,3780					
Certificate	DE000CP063X0	AEX 574TS OPENC	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	NL0012531586	AEX 574TS OPENH	EUR	5,5500	5,7900	5,5500	33300,0000	1	5,7900	6000				
Certificate	DE000VASRDX1	AEX 574TS OPENV	EUR	6,0100	6,0100	6,0100			6,0100					
Certificate	DE000CE6C2Q6	AEX 574TS OPENZ	EUR	5,9920	5,9920	5,9920			5,9920					
Certificate	NL0012795439	AEX 575DIS0619Z	EUR	51,0100	51,0100	51,0100			51,0100					
Certificate	DE000CP06RD4	AEX 575TS 0319C	EUR	5,7200	5,7200	5,7200			5,7200					
Certificate	DE000CQ5B574	AEX 575TS 1218C	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	DE000VASRC78	AEX 575TS 1218V	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	DE000VA7PRU7	AEX 576TS 0319V	EUR	5,8300	5,8300	5,8300			5,8300					
Certificate	DE000VASRC86	AEX 576TS 1218V	EUR	5,6400	5,6400	5,6400			5,6400					
Certificate	DE000CV8B6E6	AEX 576TS 1218Z	EUR	5,5790	5,5790	5,5790			5,5790					
Certificate	DE000VA6D3M0	AEX 576TS OPENV	EUR	6,3500	6,3500	6,3500			6,3500					
Certificate	DE000CP06RE2	AEX 577TS 0319C	EUR	5,9200	5,9200	5,9200			5,9200					
Certificate	DE000VA3ZXA5	AEX 577TS 1218V	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000VA7PRV5	AEX 578TS 0319V	EUR	6,0300	6,0300	6,0300			6,0300					
Certificate	DE000VA3Z549	AEX 578TS 1218V	EUR	5,8400	5,8400	5,8400			5,8400					
Certificate	DE000CV8AU94	AEX 578TS 1218Z	EUR	5,7800	5,7800	5,7800			5,7800					
Certificate	DE000CP06RF9	AEX 579TS 0319C	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	DE000VA3ZX83	AEX 579TS 1218V	EUR	5,9400	5,9400	5,9400			5,9400					
Certificate	DE000CV4YU33	AEX 579TS OPENZ	EUR	2,5980	2,5980	2,5980			2,5980					
Certificate	NL0012795173	AEX 580BOC0619Z	EUR	55,4300	55,4300	55,4300			55,4300					
Certificate	NL0012236103	AEX 580BOC1218Z	EUR	57,9000	57,9000	57,9000			57,9000					
Certificate	NL0012795140	AEX 580BOC1218Z	EUR	56,1300	56,1300	56,1300			56,1300					
Certificate	NL0012648646	AEX 580BON1219Z	EUR	54,5100	54,5100	54,5100			54,5100					
Certificate	DE000CP06RG7	AEX 580TS 0319C	EUR	6,2200	6,2200	6,2200			6,2200					
Certificate	DE000VA7PRW3	AEX 580TS 0319V	EUR	6,2300	6,2300	6,2300			6,2300					
Certificate	DE000CQ5BQV6	AEX 580TS 1218C	EUR	6,0300	6,0300	6,0300			6,0300					
Certificate	DE000VA3Z564	AEX 580TS 1218V	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	DE000CV8AUA1	AEX 580TS 1218Z	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	DE000CP06RH5	AEX 581TS 0319C	EUR	6,3200	6,3200	6,3200			6,3200					
Certificate	DE000VA3ZXC1	AEX 581TS 1218V	EUR	6,1500	6,1500	6,1500			6,1500					
Certificate	DE000VA7PRX1	AEX 582TS 0319V	EUR	6,4400	6,4400	6,4400			6,4400					
Certificate	DE000VA3Z580	AEX 582TS 1218V	EUR	6,2500	6,2500	6,2500			6,2500					
Certificate	DE000CV8AUB9	AEX 582TS 1218Z	EUR	6,1810	6,1810	6,1810			6,1810					
Certificate	DE000CQ5BH36	AEX 582TS OPENC	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	DE000CP06RJ1	AEX 583TS 0319C	EUR	6,5200	6,5200	6,5200			6,5200					
Certificate	DE000VA3ZXD9	AEX 583TS 1218V	EUR	6,3500	6,3500	6,3500			6,3500					
Certificate	DE000VA7PRY9	AEX 584TS 0319V	EUR	6,6400	6,6400	6,6400			6,6400					
Certificate	DE000VA3ZTA3	AEX 584TS 1218V	EUR	6,4500	6,4500	6,4500			6,4500					
Certificate	DE000CV8ARZ4	AEX 584TS 1218Z	EUR	6,3810	6,3810	6,3810			6,3810					
Certificate	DE000CV4YU41	AEX 584TS OPENZ	EUR	2,7970	2,7970	2,7970			2,7970					
Certificate	NL0012494470	AEX 585BOC1218B	EUR	5,7300	5,7300	5,7100			5,7100					
Certificate	DE000CP06RK9	AEX 585TS 0319C	EUR	6,7200	6,7200	6,7200			6,7200					
Certificate	DE000CQ5BQW4	AEX 585TS 1218C	EUR	6,5300	6,5300	6,5300			6,5300					
Certificate	DE000VA3ZXE7	AEX 585TS 1218V	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	DE000VA15LH1	AEX 585TS OPENV	EUR	6,3400	6,3400	6,3400			6,3400					
Certificate	DE000VA7PRZ6	AEX 586TS 0319V	EUR	6,8400	6,8400	6,8400			6,8400					
Certificate	DE000VA3ZXF4	AEX 586TS 1218V	EUR	6,6500	6,6500	6,6500			6,6500					
Certificate	DE000CV8AS07	AEX 586TS 1218Z	EUR	6,5820	6,5820	6,5820			6,5820					
Certificate	DE000CQ5BH28	AEX 586TS OPENC	EUR	6,0100	6,0100	6,0100			6,0100					
Certificate	DE000CP06RL7	AEX 587TS 0319C	EUR	6,9200	6,9200	6,9200			6,9200					
Certificate	DE000VA3ZXG2	AEX 587TS 1218V	EUR	6,7500	6,7500	6,7500			6,7500					
Certificate	DE000VA7PRO6	AEX 588TS 0319V	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	DE000VA3ZXH0	AEX 588TS 1218V	EUR	6,8500	6,8500	6,8500			6,8500					
Certificate	DE000CV8AQG6	AEX 588TS 1218Z	EUR	6,7820	6,7820	6,7820			6,7820					
Certificate	DE000CP06RM5	AEX 589TS 0319C	EUR	7,1200	7,1200	7,1200			7,1200					



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	DE000VA3ZXJ6	AEX 589TS 1218V	EUR	6,9500	6,9500	6,9500			6,9500					
Certificate	NL0012795199	AEX 5908OC0919Z	EUR	55,1300	55,1300	55,1300			55,1300					
Certificate	DE000CP06RN3	AEX 590TS 0319C	EUR	7,2200	7,2200	7,2200			7,2200					
Certificate	DE000VA7PR14	AEX 590TS 0319V	EUR	7,2500	7,2500	7,2500			7,2500					
Certificate	DE000C058QX2	AEX 590TS 1218C	EUR	7,0300	7,0300	7,0300			7,0300					
Certificate	DE000VA3ZXK4	AEX 590TS 1218V	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	DE000CV8AQH4	AEX 590TS 1218Z	EUR	6,9830	6,9830	6,9830			6,9830					
Certificate	DE000C058H10	AEX 590TS OPENC	EUR	6,4100	6,4100	6,4100			6,4100					
Certificate	LU1784827690	AEX 590TS OPENS	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	DE000CP06RP8	AEX 591TS 0319C	EUR	7,3200	7,3200	7,3200			7,3200					
Certificate	DE000VA3ZXL2	AEX 591TS 1218V	EUR	7,1500	7,1500	7,1500			7,1500					
Certificate	DE000CV4YQJ9	AEX 591TS OPENZ	EUR	3,0630	3,0630	3,0630			3,0630					
Certificate	DE000VA7PR30	AEX 592TS 0319V	EUR	7,4500	7,4500	7,4500			7,4500					
Certificate	DE000VA3ZXM0	AEX 592TS 1218V	EUR	7,2500	7,2500	7,2500			7,2500					
Certificate	DE000CV8AQJ0	AEX 592TS 1218Z	EUR	7,1820	7,1820	7,1820			7,1820					
Certificate	DE000C058H02	AEX 592TS OPENC	EUR	6,6100	6,6100	6,6100			6,6100					
Certificate	DE000CP06RQ6	AEX 593TS 0319C	EUR	7,5300	7,5300	7,5300			7,5300					
Certificate	DE000VA3ZXN8	AEX 593TS 1218V	EUR	7,3500	7,3500	7,3500			7,3500					
Certificate	DE000VA7PR48	AEX 594TS 0319V	EUR	7,6500	7,6500	7,6500			7,6500					
Certificate	DE000VA3ZXP3	AEX 594TS 1218V	EUR	7,4500	7,4500	7,4500			7,4500					
Certificate	DE000CV8AL12	AEX 594TS 1218Z	EUR	7,3820	7,3820	7,3820			7,3820					
Certificate	DE000VA4Y2L1	AEX 594TS OPENV	EUR	8,0000	8,0000	8,0000			8,0000					
Certificate	DE000CP06RR4	AEX 595TS 0319C	EUR	7,7300	7,7300	7,7300			7,7300					
Certificate	DE000C058QY0	AEX 595TS 1218C	EUR	7,5300	7,5300	7,5300			7,5300					
Certificate	DE000VA3ZXQ1	AEX 595TS 1218V	EUR	7,5500	7,5500	7,5500			7,5500					
Certificate	LU1784827427	AEX 595TS OPENS	EUR	6,0800	6,0800	6,0800			6,0800					
Certificate	DE000VA7PR71	AEX 596TS 0319V	EUR	7,8600	7,8600	7,8600			7,8600					
Certificate	DE000VA3ZXR9	AEX 596TS 1218V	EUR	7,6500	7,6500	7,6500			7,6500					
Certificate	DE000CV8AQK8	AEX 596TS 1218Z	EUR	7,5830	7,5830	7,5830			7,5830					
Certificate	DE000C058GZ8	AEX 596TS OPENC	EUR	7,0100	7,0100	7,0100			7,0100					
Certificate	DE000VA1ZEL6	AEX 596TS OPENV	EUR	7,2900	7,2900	7,2900			7,2900					
Certificate	DE000CV4YU58	AEX 596TS OPENZ	EUR	3,2650	3,2650	3,2650			3,2650					
Certificate	DE000CP06RS2	AEX 597TS 0319C	EUR	7,9300	7,9300	7,9300			7,9300					
Certificate	DE000VA3ZX57	AEX 597TS 1218V	EUR	7,7500	7,7500	7,7500			7,7500					
Certificate	DE000VL5RG24	AEX 597TS OPENV	EUR	6,1100	6,1100	6,1100			6,1100					
Certificate	DE000VA15LJ7	AEX 597TS OPENV	EUR	7,5500	7,5500	7,5500			7,5500					
Certificate	DE000VA1ZEM4	AEX 597TS OPENV	EUR	7,3900	7,3900	7,3900			7,3900					
Certificate	DE000VA7PSA7	AEX 598TS 0319V	EUR	8,0600	8,0600	8,0600			8,0600					
Certificate	DE000VA3ZXT5	AEX 598TS 1218V	EUR	7,8500	7,8500	7,8500			7,8500					
Certificate	DE000CV8AA49	AEX 598TS 1218Z	EUR	7,7830	7,7830	7,7830			7,7830					
Certificate	DE000C058GY1	AEX 598TS OPENC	EUR	7,2100	7,2100	7,2100			7,2100					
Certificate	DE000VA15LL3	AEX 598TS OPENV	EUR	7,6500	7,6500	7,6500			7,6500					
Certificate	DE000VL5RG32	AEX 598TS OPENV	EUR	6,2100	6,2100	6,2100			6,2100					
Certificate	DE000VA1ZEN2	AEX 598TS OPENV	EUR	7,4900	7,4900	7,4900			7,4900					
Certificate	DE000CP06RT0	AEX 599TS 0319C	EUR	8,1300	8,1300	8,1300			8,1300					
Certificate	DE000VA3ZXU3	AEX 599TS 1218V	EUR	7,9500	7,9500	7,9500			7,9500					
Certificate	DE000VA15LN9	AEX 599TS OPENV	EUR	7,7500	7,7500	7,7500			7,7500					
Certificate	DE000VL5R640	AEX 599TS OPENV	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	NL0012795165	AEX 6008OC0319Z	EUR	56,0000	56,0000	56,0000			56,0000					
Certificate	NL0012795215	AEX 6008OC1219Z	EUR	55,0000	55,0000	55,0000			55,0000					
Certificate	NL0012648620	AEX 6008ON0619Z	EUR	56,3600	56,3600	56,3600			56,3600					
Certificate	NL0012795454	AEX 6000IS1219Z	EUR	50,4100	50,4100	50,4100			50,4100					
Certificate	DE000CP06RU8	AEX 600TS 0319C	EUR	8,2300	8,2300	8,2300			8,2300					
Certificate	DE000VA7P5C3	AEX 600TS 0319V	EUR	8,2600	8,2600	8,2600			8,2600					
Certificate	DE000C058QZ7	AEX 600TS 1218C	EUR	8,0300	8,0300	8,0300			8,0300					
Certificate	DE000VA3ZXW9	AEX 600TS 1218V	EUR	8,0500	8,0500	8,0500			8,0500					
Certificate	DE000CV52T04	AEX 600TS OPENC	EUR	5,8800	5,8800	5,7700	1176,0000	1	5,7700	200				
Certificate	DE000VA15LR0	AEX 600TS OPENV	EUR	7,8500	7,8500	7,8500			7,8500					
Certificate	DE000VL61HZ2	AEX 600TS OPENV	EUR	6,4600	6,4600	6,4600			6,4600					
Certificate	DE000VA3ZXY5	AEX 601TS 1218V	EUR	8,1500	8,1500	8,1500			8,1500					
Certificate	DE000VL61H09	AEX 601TS OPENV	EUR	6,5600	6,5600	6,5600			6,5600					
Certificate	DE000VA15NE4	AEX 601TS OPENV	EUR	7,9600	7,9600	7,9600			7,9600					
Certificate	DE000VA15PW1	AEX 601TS OPENV	EUR	7,9900	7,9900	7,9900			7,9900					
Certificate	DE000CV4YU66	AEX 601TS OPENZ	EUR	3,4640	3,4640	3,4640			3,4640					
Certificate	DE000VA3ZX42	AEX 602TS 1218V	EUR	8,2500	8,2500	8,2500			8,2500					
Certificate	DE000CV8AA56	AEX 602TS 1218Z	EUR	8,1840	8,1840	8,1840			8,1840					
Certificate	DE000CV51ID9	AEX 602TS OPENC	EUR	4,9700	4,9700	4,9700			4,9700					
Certificate	DE000VL61H17	AEX 602TS OPENV	EUR	6,6600	6,6600	6,6600			6,6600					
Certificate	DE000VA15PB5	AEX 602TS OPENV	EUR	8,0800	8,0800	8,0800			8,0800					
Certificate	DE000VASRBV9	AEX 602TS OPENV	EUR	8,8400	8,8400	8,8400			8,8400					
Certificate	DE000VA3ZX67	AEX 603TS 1218V	EUR	8,3500	8,3500	8,3500			8,3500					
Certificate	DE000VL61HZ5	AEX 603TS OPENV	EUR	6,7600	6,7600	6,7600			6,7600					



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	DE000VA15PX9	AEX 603TS OPENV	EUR	8,1900	8,1900	8,1900			8,1900					
Certificate	DE000VA32X75	AEX 604TS 1218V	EUR	8,4500	8,4500	8,4500			8,4500					
Certificate	DE000VA15PY7	AEX 604TS OPENV	EUR	8,2900	8,2900	8,2900			8,2900					
Certificate	DE000VA4YQG7	AEX 604TS OPENV	EUR	8,7100	8,7100	8,7100			8,7100					
Certificate	DE000VL61H33	AEX 604TS OPENV	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	DE000CP06RV6	AEX 605TS 0319C	EUR	8,7300	8,7300	8,7300			8,7300					
Certificate	DE000VA32X83	AEX 605TS 1218V	EUR	8,5500	8,5500	8,5500			8,5500					
Certificate	DE000CY51JE7	AEX 605TS OPENC	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	DE000CY52S21	AEX 605TS OPENC	EUR	6,2700	6,2700	6,2700			6,2700					
Certificate	LU1784827344	AEX 605TS OPENS	EUR	7,0700	7,0700	7,0700			7,0700					
Certificate	DE000VL61H41	AEX 605TS OPENV	EUR	6,9700	6,9700	6,9700			6,9700					
Certificate	DE000VA15QL2	AEX 605TS OPENV	EUR	8,4000	8,4000	8,4000			8,4000					
Certificate	DE000VA15Q73	AEX 605TS OPENV	EUR	8,4400	8,4400	8,4400			8,4400					
Certificate	DE000VA3EA51	AEX 605TS OPENV	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	DE000VA3ZYA3	AEX 606TS 1218V	EUR	8,6500	8,6500	8,6500			8,6500					
Certificate	DE000CV8AA64	AEX 606TS 1218Z	EUR	8,5840	8,5840	8,5840			8,5840					
Certificate	DE000VL61H58	AEX 606TS OPENV	EUR	7,0600	7,0600	7,0600			7,0600					
Certificate	DE000VA4YQH5	AEX 606TS OPENV	EUR	8,9100	8,9100	8,9100			8,9100					
Certificate	DE000VA3EA69	AEX 606TS OPENV	EUR	7,6100	7,6100	7,6100			7,6100					
Certificate	DE000VA15Q99	AEX 606TS OPENV	EUR	8,5400	8,5400	8,5400			8,5400					
Certificate	DE000VA3EA77	AEX 606TS OPENV	EUR	8,7900	8,7900	8,7900			8,7900					
Certificate	DE000CV4YU74	AEX 606TS OPENZ	EUR	3,6630	3,6630	3,6630			3,6630					
Certificate	DE000VA3ZCY9	AEX 607TS 1218V	EUR	8,7500	8,7500	8,7500			8,7500					
Certificate	DE000VL61H66	AEX 607TS OPENV	EUR	7,1700	7,1700	7,1700			7,1700					
Certificate	DE000VA15RA3	AEX 607TS OPENV	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	DE000VA4YQ33	AEX 607TS OPENV	EUR	9,0300	9,0300	9,0300			9,0300					
Certificate	DE000VA3ZYE5	AEX 608TS 1218V	EUR	8,8500	8,8500	8,8500			8,8500					
Certificate	DE000VL61H74	AEX 608TS OPENV	EUR	7,2700	7,2700	7,2700			7,2700					
Certificate	DE000VA4YQ41	AEX 608TS OPENV	EUR	9,1300	9,1300	9,1300			9,1300					
Certificate	DE000VA3ZYG0	AEX 609TS 1218V	EUR	8,9500	8,9500	8,9500			8,9500					
Certificate	DE000VA4YSR0	AEX 609TS OPENV	EUR	9,2400	9,2400	9,2400			9,2400					
Certificate	NL0012795181	AEX 610BOC0619Z	EUR	54,7200	54,7200	54,7200			54,7200					
Certificate	DE000CP06RW4	AEX 610TS 0319C	EUR	9,2300	9,2300	9,2300			9,2300					
Certificate	DE000CQ5BR00	AEX 610TS 1218C	EUR	9,0300	9,0300	9,0300			9,0300					
Certificate	DE000VA3ZYJ4	AEX 610TS 1218V	EUR	9,0500	9,0500	9,0500			9,0500					
Certificate	DE000CV8AA72	AEX 610TS 1218Z	EUR	8,9840	8,9840	8,9840			8,9840					
Certificate	DE000CY52SY4	AEX 610TS OPENC	EUR	6,7600	6,7600	6,7600			6,7600					
Certificate	DE000CY16ES1	AEX 610TS OPENC	EUR											
Certificate	DE000CY51JF4	AEX 610TS OPENC	EUR	5,7600	5,7600	5,7600			5,7600					
Certificate	DE000VA4YSS8	AEX 610TS OPENV	EUR	9,3400	9,3400	9,3400			9,3400					
Certificate	DE000VA5R8X5	AEX 610TS OPENV	EUR	9,6600	9,6600	9,6600			9,6600					
Certificate	DE000VA4YW76	AEX 610TS OPENV	EUR	9,3800	9,3800	9,3800			9,3800					
Certificate	DE000VA3Z1R0	AEX 611TS 1218V	EUR	9,1500	9,1500	9,1500			9,1500					
Certificate	DE000VA4YTG1	AEX 611TS OPENV	EUR	9,4700	9,4700	9,4700			9,4700					
Certificate	DE000VA4Y2M9	AEX 611TS OPENV	EUR	9,7300	9,7300	9,7300			9,7300					
Certificate	DE000CV4YQK7	AEX 611TS OPENZ	EUR	3,8610	3,8610	3,8610			3,8610					
Certificate	DE000VA3Z203	AEX 612TS 1218V	EUR	9,2500	9,2500	9,2500			9,2500					
Certificate	DE000VA4YJT5	AEX 612TS OPENV	EUR	9,5700	9,5700	9,5700			9,5700					
Certificate	DE000VA5ELL7	AEX 612TS OPENV	EUR	9,8300	9,8300	9,8300			9,8300					
Certificate	DE000VA3Z229	AEX 613TS 1218V	EUR	9,3500	9,3500	9,3500			9,3500					
Certificate	DE000VA4Y113	AEX 613TS OPENV	EUR	9,8000	9,8000	9,8000			9,8000					
Certificate	DE000VA3Z245	AEX 614TS 1218V	EUR	9,4500	9,4500	9,4500			9,4500					
Certificate	DE000CV8AA80	AEX 614TS 1218Z	EUR	9,3850	9,3850	9,3850			9,3850					
Certificate	DE000CP06RX2	AEX 615TS 0319C	EUR	9,7300	9,7300	9,7300			9,7300					
Certificate	DE000VA3Z252	AEX 615TS 1218V	EUR	9,5500	9,5500	9,5500			9,5500					
Certificate	DE000CY51JG2	AEX 615TS OPENC	EUR	6,2500	6,2500	6,2500			6,2500					
Certificate	DE000CV4YU82	AEX 615TS OPENZ	EUR	4,0620	4,0620	4,0620			4,0620					
Certificate	DE000VA3Z3E4	AEX 616TS 1218V	EUR	9,6500	9,6500	9,6500			9,6500					
Certificate	DE000VA3Z3F1	AEX 617TS 1218V	EUR	9,7500	9,7500	9,7500			9,7500					
Certificate	LU1732548653	AEX 617TS OPENS	EUR	8,4100	8,4100	8,4100			8,4100					
Certificate	DE000VA3Z4Z7	AEX 618TS 1218V	EUR	9,8500	9,8500	9,8500			9,8500					
Certificate	DE000CV8AE60	AEX 618TS 1218Z	EUR	9,7850	9,7850	9,7850			9,7850					
Certificate	DE000VA3Z419	AEX 619TS 1218V	EUR	9,9500	9,9500	9,9500			9,9500					
Certificate	NL0012795207	AEX 620BOC0919Z	EUR	53,8100	53,8100	53,8100			53,8100					
Certificate	NL0012236111	AEX 620BOC1218Z	EUR	61,2500	61,2500	61,2500			61,2500					
Certificate	DE000CP06RY0	AEX 620TS 0319C	EUR	10,2400	10,2400	10,2400			10,2400					
Certificate	DE000CQ5BR18	AEX 620TS 1218C	EUR	10,0300	10,0300	10,0300			10,0300					
Certificate	DE000VA3Z4Z7	AEX 620TS 1218V	EUR	10,0500	10,0500	10,0500			10,0500					
Certificate	DE000CY51JH0	AEX 620TS OPENC	EUR	6,7300	6,7300	6,7300			6,7300					
Certificate	DE000CV4YVF7	AEX 620TS OPENZ	EUR	4,2630	4,2630	4,2630			4,2630					
Certificate	DE000VA3Z500	AEX 621TS 1218V	EUR	10,1500	10,1500	10,1500			10,1500					
Certificate	DE000VA4RMY3	AEX 622TS 1218V	EUR	10,2500	10,2500	10,2500			10,2500					



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	DE000CV8AA98	AEX 622TS 1218Z	EUR	10,1850	10,1850	10,1850			10,1850					
Certificate	DE000CV51RL5	AEX 622TS OPENC	EUR	7,4400	7,4400	7,4400			7,4400					
Certificate	DE000VA4RMZ0	AEX 623TS 1218V	EUR	10,3500	10,3500	10,3500			10,3500					
Certificate	DE000CV51RM3	AEX 623TS OPENC	EUR	7,5400	7,5400	7,5400			7,5400					
Certificate	DE000VA4RNC7	AEX 624TS 1218V	EUR	10,4500	10,4500	10,4500			10,4500					
Certificate	DE000CV51RN1	AEX 624TS OPENC	EUR	7,6400	7,6400	7,6400			7,6400					
Certificate	DE000VA4RPW0	AEX 625TS 1218V	EUR	10,5500	10,5500	10,5500			10,5500					
Certificate	DE000CV16RK0	AEX 625TS OPENC	EUR	5,6100	5,6100	5,6100			5,6100					
Certificate	DE000CV51RP6	AEX 625TS OPENC	EUR	7,7400	7,7400	7,7400			7,7400					
Certificate	DE000CV50TM1	AEX 625TS OPENC	EUR	7,2700	7,2700	7,2700			7,2700					
Certificate	DE000CV51IJ6	AEX 625TS OPENC	EUR	7,2200	7,2200	7,2200			7,2200					
Certificate	DE000CV51SF5	AEX 625TS OPENC	EUR	7,3200	7,3200	7,3200			7,3200					
Certificate	DE000CV4YVG5	AEX 625TS OPENZ	EUR	4,4630	4,4630	4,4630			4,4630					
Certificate	DE000VA4RPX8	AEX 626TS 1218V	EUR	10,6500	10,6500	10,6500			10,6500					
Certificate	DE000CV51RQ4	AEX 626TS OPENC	EUR	7,8300	7,8300	7,8300			7,8300					
Certificate	DE000VA4RPY6	AEX 627TS 1218V	EUR	10,7500	10,7500	10,7500			10,7500					
Certificate	DE000CV51RR2	AEX 627TS OPENC	EUR	7,9300	7,9300	7,9300			7,9300					
Certificate	DE000VA4YQB8	AEX 628TS 1218V	EUR	10,8500	10,8500	10,8500			10,8500					
Certificate	DE000CV51RS0	AEX 628TS OPENC	EUR	8,0300	8,0300	8,0300			8,0300					
Certificate	DE000VA4YQC6	AEX 629TS 1218V	EUR	10,9500	10,9500	10,9500			10,9500					
Certificate	DE000CV51RT8	AEX 629TS OPENC	EUR	8,1300	8,1300	8,1300			8,1300					
Certificate	NL0012795223	AEX 630BOC1219Z	EUR	53,2700	53,2700	53,2700			53,2700					
Certificate	DE000VA4YQD4	AEX 630TS 1218V	EUR	11,0500	11,0500	11,0500			11,0500					
Certificate	DE000CV8AAA3	AEX 630TS 1218Z	EUR	10,9860	10,9860	10,9860			10,9860					
Certificate	DE000CV51RU6	AEX 630TS OPENC	EUR	8,2300	8,2300	8,2300			8,2300					
Certificate	DE000CV51SG3	AEX 630TS OPENC	EUR	7,8100	7,8100	7,8100			7,8100					
Certificate	DE000CV4Z3L4	AEX 630TS OPENZ	EUR	4,6600	4,6600	4,6600			4,6600					
Certificate	DE000VA4YQE2	AEX 631TS 1218V	EUR	11,1500	11,1500	11,1500			11,1500					
Certificate	DE000CV51RV4	AEX 631TS OPENC	EUR	8,3300	8,3300	8,3300			8,3300					
Certificate	DE000CV51SH1	AEX 631TS OPENC	EUR	7,9000	7,9000	7,9000			7,9000					
Certificate	DE000VA4YQI7	AEX 632TS 1218V	EUR	11,2500	11,2500	11,2500			11,2500					
Certificate	DE000CV51RW2	AEX 632TS OPENC	EUR	8,4200	8,4200	8,4200			8,4200					
Certificate	DE000CV51SJ7	AEX 632TS OPENC	EUR	8,0000	8,0000	8,0000			8,0000					
Certificate	DE000VA4YQZ5	AEX 633TS 1218V	EUR	11,3500	11,3500	11,3500			11,3500					
Certificate	DE000CV51RX0	AEX 633TS OPENC	EUR	8,5200	8,5200	8,5200			8,5200					
Certificate	DE000CV51SK5	AEX 633TS OPENC	EUR	8,1000	8,1000	8,1000			8,1000					
Certificate	DE000VA4YSM1	AEX 634TS 1218V	EUR	11,4500	11,4500	11,4500			11,4500					
Certificate	DE000CV51SL3	AEX 634TS OPENC	EUR	8,2000	8,2000	8,2000			8,2000					
Certificate	DE000CV51RY8	AEX 634TS OPENC	EUR	8,6200	8,6200	8,6200			8,6200					
Certificate	DE000VA4YSN9	AEX 635TS 1218V	EUR	11,5500	11,5500	11,5500			11,5500					
Certificate	DE000CV51RZ5	AEX 635TS OPENC	EUR	8,7200	8,7200	8,7200			8,7200					
Certificate	DE000CV51SM1	AEX 635TS OPENC	EUR	8,3000	8,3000	8,3000			8,3000					
Certificate	DE000CV4Z3M2	AEX 635TS OPENZ	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	DE000VA4YTD8	AEX 636TS 1218V	EUR	11,6500	11,6500	11,6500			11,6500					
Certificate	DE000CV51SN9	AEX 636TS OPENC	EUR	8,4000	8,4000	8,4000			8,4000					
Certificate	DE000CV51S06	AEX 636TS OPENC	EUR	8,8200	8,8200	8,8200			8,8200					
Certificate	DE000VA4YW68	AEX 637TS 1218V	EUR	11,7500	11,7500	11,7500			11,7500					
Certificate	DE000CV51SP4	AEX 637TS OPENC	EUR	8,4900	8,4900	8,4900			8,4900					
Certificate	DE000CV51S14	AEX 637TS OPENC	EUR	8,9100	8,9100	8,9100			8,9100					
Certificate	DE000CV8AAB1	AEX 638TS 1218Z	EUR	11,7860	11,7860	11,7860			11,7860					
Certificate	DE000CV51SQ2	AEX 638TS OPENC	EUR	8,5900	8,5900	8,5900			8,5900					
Certificate	DE000CV51S22	AEX 638TS OPENC	EUR	9,0100	9,0100	9,0100			9,0100					
Certificate	DE000CV51S30	AEX 639TS OPENC	EUR	9,1100	9,1100	9,1100			9,1100					
Certificate	DE000CV51SR0	AEX 639TS OPENC	EUR	8,6900	8,6900	8,6900			8,6900					
Certificate	DE000CV51S48	AEX 640TS OPENC	EUR	9,2100	9,2100	9,2100			9,2100					
Certificate	DE000CV51S58	AEX 640TS OPENC	EUR	8,7900	8,7900	8,7900			8,7900					
Certificate	DE000CV4Z5K1	AEX 640TS OPENZ	EUR	5,0610	5,0610	5,0610			5,0610					
Certificate	DE000CV51ST6	AEX 641TS OPENC	EUR	8,8900	8,8900	8,8900			8,8900					
Certificate	DE000CV51S55	AEX 641TS OPENC	EUR	9,3100	9,3100	9,3100			9,3100					
Certificate	DE000CV51S63	AEX 642TS OPENC	EUR	9,4100	9,4100	9,4100			9,4100					
Certificate	DE000CV51SU4	AEX 642TS OPENC	EUR	8,9800	8,9800	8,9800			8,9800					
Certificate	DE000CV51S71	AEX 643TS OPENC	EUR	9,5000	9,5000	9,5000			9,5000					
Certificate	DE000CV51SV2	AEX 643TS OPENC	EUR	9,0800	9,0800	9,0800			9,0800					
Certificate	DE000CV51S89	AEX 644TS OPENC	EUR	9,6000	9,6000	9,6000			9,6000					
Certificate	DE000CV51S97	AEX 645TS OPENC	EUR	9,7000	9,7000	9,7000			9,7000					
Certificate	DE000CV51SW0	AEX 645TS OPENC	EUR	9,2800	9,2800	9,2800			9,2800					
Certificate	DE000CV4ZCN8	AEX 645TS OPENZ	EUR	5,2540	5,2540	5,2540			5,2540					
Certificate	DE000CV8AAC9	AEX 646TS 1218Z	EUR	12,5870	12,5870	12,5870			12,5870					
Certificate	DE000CV51SA6	AEX 646TS OPENC	EUR	9,8000	9,8000	9,8000			9,8000					
Certificate	DE000CV51SX8	AEX 646TS OPENC	EUR	9,3800	9,3800	9,3800			9,3800					
Certificate	DE000CV51SB4	AEX 647TS OPENC	EUR	9,9000	9,9000	9,9000			9,9000					
Certificate	DE000CV4ZCP3	AEX 650TS OPENZ	EUR	5,4540	5,4540	5,4540			5,4540					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV8AAD7	AEX 654TS 1218Z	EUR	13,3880	13,3880	13,3880			13,3880					
Certificate	DE000CV4ZNC8	AEX 655TS OPENZ	EUR	5,6590	5,6590	5,6590			5,6590					
Certificate	DE000CV4ZND6	AEX 660TS OPENZ	EUR	5,8590	5,8590	5,8590			5,8590					
Certificate	DE000CV8AAE5	AEX 662TS 1218Z	EUR	14,1880	14,1880	14,1880			14,1880					
Certificate	NL0012648653	AEX 6708ON1219Z	EUR	56,4000	56,4000	55,6400	451,2000	1	55,6400	8				
Certificate	DE000CV8AAF2	AEX 678TS 1218Z	EUR	15,7890	15,7890	15,7890			15,7890					
Certificate	DE000CV88ZP7	AEX 680TS OPENZ	EUR	6,6680	6,6680	6,6680			6,6680					
Certificate	DE000CV8AAG0	AEX 694TS 1218Z	EUR	17,3900	17,3900	17,3900			17,3900					
Certificate	DE000CV88AU0	AEX 699TS OPENZ	EUR	7,4390	7,4390	7,4390			7,4390					
Certificate	NL0012551592	AEX 707TS OPENH	EUR	19,2400	19,2400	19,2400			19,2400					
Certificate	DE000CV8AAH8	AEX 710TS 1218Z	EUR	18,9910	18,9910	18,9910			18,9910					
Certificate	DE000CV88UV6	AEX 738TS OPENZ	EUR	9,0240	9,0240	9,0240			9,0240					
Certificate	NL0012537377	AEX 740TS OPENH	EUR	22,5700	22,5700	22,5700			22,5700					
Certificate	NL0012236509	AEX 0.88PRO0619Z	EUR	97,3300	97,3300	97,3300			97,3300					
Certificate	NL0012236558	AEX 0.88PRO0619Z	EUR	93,6600	93,6600	93,6600			93,6600					
Certificate	NL0012236517	AEX 0.93PRO0619Z	EUR	97,7600	97,7600	97,7600			97,7600					
Certificate	NL0012236574	AEX 0.95PRO0619Z	EUR	96,9000	96,9000	96,9000			96,9000					
Certificate	NL0012236533	AEX 0.95PRO0619Z	EUR	98,2900	98,2900	98,2900			98,2900					
Certificate	NL0011244637	AEX 323.TRLOPENH	EUR	19,9800	19,9800	19,9800			19,9800					
Certificate	NL0011601471	AEX 336.TRLOPENH	EUR	18,6800	18,6800	18,6800			18,6800					
Certificate	NL0011603337	AEX 370.TRLOPENH	EUR	15,2700	15,2700	15,2700			15,2700					
Certificate	NL0011603238	AEX 377.TRLOPENH	EUR	14,5800	14,5800	14,5800			14,5800					
Certificate	NL0011694799	AEX 386.TRLOPENH	EUR	13,6900	13,6900	13,6900			13,6900					
Certificate	DE000CN6K7J1	AEX 407.TL OPENZ	EUR	11,6230	11,6230	11,6230			11,6230					
Certificate	DE000CD61TW1	AEX 415.TL OPENZ	EUR	10,8180	10,8180	10,8180			10,8180					
Certificate	NL0011928403	AEX 427.TRLOPENH	EUR	9,5800	9,5800	9,5800			9,5800					
Certificate	NL0012049456	AEX 442.TRLOPENH	EUR	8,0900	8,0900	8,0900			8,0900					
Certificate	NL0012049431	AEX 443.TRLOPENH	EUR	7,9900	7,9900	7,9900			7,9900					
Certificate	NL0012094932	AEX 468.TRLOPENH	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	NL0013083272	AEX 469.TRLOPENH	EUR	5,3800	5,3800	5,3800			5,3800					
Certificate	NL0013083264	AEX 472.TRLOPENH	EUR	5,0800	5,0800	5,0800			5,0800					
Certificate	NL0012111207	AEX 473.BL OPENB	EUR	5,0730	5,0730	5,0730			5,0730					
Certificate	NL0013083256	AEX 475.TRLOPENH	EUR	4,7800	4,7800	4,7800			4,7800					
Certificate	NL0013083249	AEX 476.TRLOPENH	EUR	4,6800	4,6800	4,6800			4,6800					
Certificate	NL0012177208	AEX 479.TRLOPENH	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	NL0013083231	AEX 480.TRLOPENH	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	NL0012114508	AEX 483.BL OPENB	EUR	4,0670	4,0670	4,0670			4,0670					
Certificate	NL0012116529	AEX 486.BL OPENB	EUR	3,7730	3,7730	3,7730			3,7730					
Certificate	NL0012200620	AEX 493.TRLOPENH	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	DE000CE6BYB4	AEX 494.TL OPENZ	EUR	3,1400	3,1400	2,9540	1161,8000	1	2,9540	370				
Certificate	NL0013082753	AEX 495.TRLOPENH	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	DE000CE6BYC2	AEX 496.TL OPENZ	EUR	2,7560	2,7560	2,7560			2,7560					
Certificate	DE000CE6BYE8	AEX 500.TL OPENZ	EUR	2,3610	2,3610	2,3610			2,3610					
Certificate	DE000CE6F983	AEX 502.TL OPENZ	EUR	2,1670	2,1670	2,1670			2,1670					
Certificate	DE000CE6F975	AEX 504.TL OPENZ	EUR	2,4190	2,4190	1,9710	96,7600	1	1,9710	40				
Certificate	NL0012438352	AEX 506.TRLOPENH	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	NL0012902597	AEX 525.TRLOPENH	EUR											
Certificate	LU1841026682	AEX 527.TPIOPENS	EUR											
Certificate	LU1840973033	AEX 530.TPIOPENS	EUR											
Certificate	NL0013081839	AEX 532.TRSOPENH	EUR											
Certificate	LU1840973389	AEX 533.TPIOPENS	EUR											
Certificate	LU1840974270	AEX 540.TPIOPENS	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	NL0013006810	AEX 545.BS OPENB	EUR	1,9460	2,3400	1,8170	155707,4000	8	2,3400	73700				
Certificate	NL0013006836	AEX 546.BS OPENB	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	NL0012895262	AEX 559.TRSOPENH	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	DE000VASRFU2	AEX 567.TS OPENV	EUR	4,2020	4,2020	4,2020			4,2020					
Certificate	DE000VASRFV0	AEX 568.TS OPENV	EUR	4,3020	4,3020	4,3020			4,3020					
Certificate	DE000VASRFW8	AEX 569.TS OPENV	EUR	4,4010	4,4010	4,4010			4,4010					
Certificate	DE000VASRFX6	AEX 570.TS OPENV	EUR	4,5010	4,5010	4,5010			4,5010					
Certificate	NL0012982086	AEX 571.BS OPENB	EUR	4,3710	4,9700	4,3660	1532,8200	3	4,9400	335				
Certificate	LU1816971052	AEX 571.TPIOPENS	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	DE000VASRFY4	AEX 571.TS OPENV	EUR	4,6010	4,6010	4,6010			4,6010					
Certificate	DE000CE6F9N5	AEX 571.TS OPENZ	EUR	4,8540	4,8540	4,8540			4,8540					
Certificate	NL0012903991	AEX 572.TRSOPENH	EUR	4,9700	4,9700	4,9700			4,9700					
Certificate	DE000VASRDQ5	AEX 572.TS OPENV	EUR	4,6950	4,6950	4,6950			4,6950					
Certificate	NL0012982102	AEX 573.BS OPENB	EUR	5,1380	5,1380	5,1380			5,1380					
Certificate	DE000VASRDR3	AEX 573.TS OPENV	EUR	4,7950	4,7950	4,7950			4,7950					
Certificate	NL0012903975	AEX 575.TRSOPENH	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	NL0012201446	AEX 588.TRSOPENH	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	NL0012200539	AEX 596.TRSOPENH	EUR	7,3400	7,3400	7,3400			7,3400					
Certificate	DE000VA1ZDY1	AEX 597.TS OPENV	EUR	6,2300	6,2300	6,2300			6,2300					
Certificate	DE000VA1ZD06	AEX 598.TS OPENV	EUR	6,3300	6,3300	6,3300			6,3300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CE6CPT2	AEX 599.TS OPENZ	EUR	7,6530	7,6530	7,6530			7,6530					
Certificate	DE000VL61HJ6	AEX 600.TS OPENV	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	DE000VL61HK4	AEX 601.TS OPENV	EUR	5,4100	5,4100	5,4100			5,4100					
Certificate	DE000VL61HL2	AEX 602.TS OPENV	EUR	5,5100	5,5100	5,5100			5,5100					
Certificate	DE000VL61HN8	AEX 603.TS OPENV	EUR	5,6100	5,6100	5,6100			5,6100					
Certificate	DE000VL61HQ1	AEX 604.TS OPENV	EUR	5,7100	5,7100	5,7100			5,7100					
Certificate	DE000VL61HS7	AEX 605.TS OPENV	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	DE000VL61HU3	AEX 606.TS OPENV	EUR	5,9000	5,9000	5,9000			5,9000					
Certificate	DE000VL61HW9	AEX 607.TS OPENV	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	DE000CE6CST6	AEX 607.TS OPENZ	EUR	8,4540	8,4540	8,4540			8,4540					
Certificate	DE000VL61HY5	AEX 608.TS OPENV	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	NL0012507172	AEX 621.BS OPENB	EUR	9,9400	9,9400	9,9400			9,9400					
Certificate	NL0012789689	AEX 644.BS OPENB	EUR	12,3140	12,3140	12,2440	1231,4000	1	12,2440	100				
Certificate	NL0012543151	AEX 665.TRSOPENH	EUR	14,2000	14,2000	14,2000			14,2000					
Certificate	NL0012547590	AEX 671.TRSOPENH	EUR	14,8000	14,8000	14,8000			14,8000					
Certificate	NL0012550214	AEX 683.TRSOPENH	EUR	16,0200	16,0200	16,0200			16,0200					
Certificate	NL0012519995	AEX 688.TRSOPENH	EUR											
Certificate	NL0011596689	AEX 205.6TL OPENH	EUR	31,9800	31,9800	31,9800			31,9800					
Certificate	NL0011601554	AEX 206.2TRLOPENH	EUR	31,6700	31,6700	31,6700			31,6700					
Certificate	NL0011596671	AEX 209.7TL OPENH	EUR	31,5700	31,5700	31,5700			31,5700					
Certificate	NL0011595392	AEX 227.9TRLOPENH	EUR	29,5100	29,5100	29,5100			29,5100					
Certificate	NL0011036389	AEX 248.4TL OPENH	EUR	27,7600	27,7600	27,7600			27,7600					
Certificate	DE000CK4YLK1	AEX 259.6TL OPENZ	EUR	26,3550	26,3550	26,3550			26,3550					
Certificate	NL0011043310	AEX 262.8TL OPENH	EUR	26,3300	26,3300	26,3300			26,3300					
Certificate	NL0011036363	AEX 265.1TL OPENH	EUR	26,1000	26,1000	26,1000			26,1000					
Certificate	NL0011043302	AEX 267.1TL OPENH	EUR	25,8900	25,8900	25,8900			25,8900					
Certificate	NL0010246328	AEX 276.1BL OPENB	EUR	24,7600	24,7600	24,7600			24,7600					
Certificate	NL0011422217	AEX 276.5TRLOPENH	EUR	24,6200	24,6200	24,6200			24,6200					
Certificate	NL0011043278	AEX 279.9TL OPENH	EUR	24,6300	24,6300	24,6300			24,6300					
Certificate	NL0010246310	AEX 283.3BL OPENB	EUR	24,0380	24,0380	24,0380			24,0380					
Certificate	NL001023665	AEX 289.7BL OPENB	EUR	23,3970	23,3970	23,3970			23,3970					
Certificate	DE000CT9EJ80	AEX 291.1TL OPENC	EUR	27,2300	27,2300	27,2300			27,2300					
Certificate	DE000CK6GUPV2	AEX 291.9TL OPENZ	EUR	23,1280	23,1280	23,1280			23,1280					
Certificate	NL0010251690	AEX 292.6BL OPENB	EUR	23,1060	23,1060	23,1060			23,1060					
Certificate	NL0010225488	AEX 294.4BL OPENB	EUR	22,9340	22,9340	22,9340			22,9340					
Certificate	NL0011036322	AEX 294.7TL OPENH	EUR	23,1700	23,1700	23,1700			23,1700					
Certificate	NL0011231691	AEX 296.5TL OPENH	EUR	23,0000	23,0000	23,0000			23,0000					
Certificate	NL0011043237	AEX 296.7TL OPENH	EUR	22,9800	22,9800	22,9800			22,9800					
Certificate	NL0011411855	AEX 300.1TRLOPENH	EUR	22,2800	22,2800	22,2800			22,2800					
Certificate	DE000CK6GUT31	AEX 300.9TL OPENZ	EUR	22,2310	22,2310	22,2310			22,2310					
Certificate	NL0010252334	AEX 303.1BL OPENB	EUR	22,0570	22,0570	22,0570			22,0570					
Certificate	NL0011036306	AEX 309.5TL OPENH	EUR	21,7200	21,7200	21,7200			21,7200					
Certificate	NL0010721494	AEX 311.6TL OPENH	EUR	21,5000	21,5000	21,5000			21,5000					
Certificate	NL0011036298	AEX 313.6TL OPENH	EUR	21,2900	21,2900	21,2900			21,2900					
Certificate	DE000CT9JTC2	AEX 321.3TL OPENC	EUR	24,0300	24,0300	24,0300			24,0300					
Certificate	NL0010442091	AEX 323.8BL OPENB	EUR	19,9910	19,9910	19,9910			19,9910					
Certificate	DE000CT9MWQ0	AEX 325.9TL OPENC	EUR	23,5400	23,5400	23,5400			23,5400					
Certificate	NL0011035985	AEX 326.3TL OPENH	EUR	20,0600	20,0600	20,0600			20,0600					
Certificate	NL001042166	AEX 327.2BL OPENB	EUR	19,6510	19,6510	19,6510			19,6510					
Certificate	NL0011053715	AEX 327.4TRLOPENH	EUR	19,5500	19,5500	19,5500			19,5500					
Certificate	NL001042174	AEX 330.7BL OPENB	EUR	19,3020	19,3020	19,3020			19,3020					
Certificate	NL0011594957	AEX 331.9TL OPENH	EUR	19,5000	19,5000	19,5000			19,5000					
Certificate	NL0010721213	AEX 332.8TL OPENH	EUR	19,4100	19,4100	19,4100			19,4100					
Certificate	NL0011243357	AEX 334.6TRLOPENH	EUR	18,8300	18,8300	18,8300			18,8300					
Certificate	NL0010721460	AEX 336.9TL OPENH	EUR	19,0100	19,0100	19,0100			19,0100					
Certificate	NL0010890372	AEX 337.4BL OPENB	EUR	18,6310	18,6310	18,6310			18,6310					
Certificate	NL0010442646	AEX 337.6BL OPENB	EUR	18,6140	18,6140	18,6140			18,6140					
Certificate	NL0011035951	AEX 338.9TL OPENH	EUR	18,8100	18,8100	18,8100			18,8100					
Certificate	NL0010442943	AEX 341.1BL OPENB	EUR	18,2630	18,2630	18,2630			18,2630					
Certificate	NL0010721205	AEX 341.2TL OPENH	EUR	18,5800	18,5800	18,5800			18,5800					
Certificate	NL0011053707	AEX 343.3TRLOPENH	EUR	17,9600	17,9600	17,9600			17,9600					
Certificate	NL0010891420	AEX 346.2BL OPENB	EUR	17,7480	17,7480	17,7480			17,7480					
Certificate	NL0011603428	AEX 346.5TRLOPENH	EUR	17,6400	17,6400	17,6400			17,6400					
Certificate	NL0011602560	AEX 348.1TL OPENH	EUR	17,9000	17,9000	17,9000			17,9000					
Certificate	NL0010891438	AEX 348.5BL OPENB	EUR	17,5220	17,5220	17,5220			17,5220					
Certificate	NL0011602883	AEX 351.2TL OPENH	EUR	17,5800	17,5800	17,5800			17,5800					
Certificate	NL0011243324	AEX 352.2TRLOPENH	EUR	17,0700	17,0700	17,0700			17,0700					
Certificate	NL0010894069	AEX 355.2BL OPENB	EUR	16,8510	16,8510	16,8510			16,8510					
Certificate	NL0011602842	AEX 355.3TL OPENH	EUR	17,1900	17,1900	17,1900			17,1900					
Certificate	DE000CN6JRX4	AEX 355.5TL OPENZ	EUR	16,7720	16,7720	16,7720			16,7720					
Certificate	NL0011243316	AEX 356.5TRLOPENH	EUR	16,6400	16,6400	16,6400			16,6400					
Certificate	NL0011596861	AEX 357.8TRLOPENH	EUR	16,5100	16,5100	16,5100			16,5100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011592399	AEX 358.8TRLOPENH	EUR	16,4200	16,4200	16,4200			16,4200					
Certificate	NL0011602800	AEX 359.4TL OPENH	EUR	16,7700	16,7700	16,7700			16,7700					
Certificate	NL0011602768	AEX 363.5TL OPENH	EUR	16,3600	16,3600	16,3600			16,3600					
Certificate	NL0011603386	AEX 364.7TRLOPENH	EUR	15,8200	15,8200	15,8200			15,8200					
Certificate	DE000CN6HMY7	AEX 365.6TL OPENZ	EUR	15,7550	15,7550	15,7550			15,7550					
Certificate	NL0011605738	AEX 368.6TL OPENH	EUR	15,8700	15,8700	15,8700			15,8700					
Certificate	NL0011605696	AEX 372.8TL OPENH	EUR	15,4400	15,4400	15,4400			15,4400					
Certificate	DE000CN6JRT2	AEX 373.1TL OPENZ	EUR	15,0150	15,0150	15,0150			15,0150					
Certificate	NL0011648860	AEX 374.4BL OPENB	EUR	14,9300	14,9300	14,9300			14,9300					
Certificate	NL0011603287	AEX 374.4TRLOPENH	EUR	14,8400	14,8400	14,8400			14,8400					
Certificate	NL0011700752	AEX 374.8TL OPENH	EUR	15,2500	15,2500	15,2500			15,2500					
Certificate	NL0011603279	AEX 374.9TRLOPENH	EUR	14,7900	14,7900	14,7900			14,7900					
Certificate	DE000CC3Z709	AEX 375.5TL OPENC	EUR	18,2900	18,2900	18,2900			18,2900					
Certificate	NL0011694856	AEX 379.7TRLOPENH	EUR	14,3000	14,3000	14,3000			14,3000					
Certificate	DE000CN6JWL9	AEX 381.3TL OPENZ	EUR	14,1930	14,1930	14,1930			14,1930					
Certificate	NL0011705298	AEX 383.1TL OPENH	EUR	14,4200	14,4200	14,4200			14,4200					
Certificate	DE000CC3ZCM5	AEX 383.6TL OPENC	EUR	17,4400	17,4400	17,4400			17,4400					
Certificate	NL0011694815	AEX 383.9TRLOPENH	EUR	13,9000	13,9000	13,9000			13,9000					
Certificate	NL0011705272	AEX 385.1TL OPENH	EUR	14,2400	14,2400	14,2400			14,2400					
Certificate	NL0011694773	AEX 388.3TRLOPENH	EUR	13,4500	13,4500	13,4500			13,4500					
Certificate	NL0011894530	AEX 388.5TL OPENH	EUR	13,9100	13,9100	13,9100			13,9100					
Certificate	DE000CN6JSM5	AEX 389.6TL OPENZ	EUR	13,3600	13,3600	13,3600			13,3600					
Certificate	NL0011701040	AEX 390.3TRLOPENH	EUR	13,2400	13,2400	13,2400			13,2400					
Certificate	NL0011891809	AEX 390.5TL OPENH	EUR	13,7100	13,7100	13,7100			13,7100					
Certificate	NL0011701032	AEX 391.3TRLOPENH	EUR	13,1600	13,1600	13,1600			13,1600					
Certificate	NL0011892666	AEX 393.6TL OPENH	EUR	13,4000	13,4000	13,4000			13,4000					
Certificate	NL0011892641	AEX 395.7TL OPENH	EUR	13,1900	13,1900	13,1900			13,1900					
Certificate	NL0011700984	AEX 396.7TRLOPENH	EUR	12,6200	12,6200	12,6200			12,6200					
Certificate	DE000CN6K1P1	AEX 396.8TL OPENZ	EUR	12,6430	12,6430	12,6430			12,6430					
Certificate	NL0011892500	AEX 401.7TRLOPENH	EUR	12,1200	12,1200	12,1200			12,1200					
Certificate	NL0011926423	AEX 401.8TL OPENH	EUR	12,5700	12,5700	12,5700			12,5700					
Certificate	DE000CN6K7G7	AEX 402.8TL OPENZ	EUR	12,0360	12,0360	12,0360			12,0360					
Certificate	NL0011892435	AEX 405.4TRLOPENH	EUR	11,7600	11,7600	11,7600			11,7600					
Certificate	NL0011926381	AEX 405.9TL OPENH	EUR	12,1700	12,1700	12,1700			12,1700					
Certificate	DE000CD61LW8	AEX 408.9TL OPENZ	EUR	11,4290	11,4290	11,4290			11,4290					
Certificate	NL0011926183	AEX 411.2TRLOPENH	EUR	11,1600	11,1600	11,1600			11,1600					
Certificate	NL0011927413	AEX 412.2TL OPENH	EUR	11,5700	11,5700	11,5700			11,5700					
Certificate	NL0011926175	AEX 412.2TRLOPENH	EUR	11,0700	11,0700	11,0700			11,0700					
Certificate	NL0011926159	AEX 413.8TRLOPENH	EUR	10,8900	10,8900	10,8900			10,8900					
Certificate	NL0011927397	AEX 414.2TL OPENH	EUR	11,3700	11,3700	11,3700			11,3700					
Certificate	NL0011926142	AEX 414.3TRLOPENH	EUR	10,8600	10,8600	10,8600			10,8600					
Certificate	NL0011926118	AEX 415.9TRLOPENH	EUR	10,6800	10,6800	10,6800			10,6800					
Certificate	NL0011933783	AEX 418.1TRLOPENH	EUR	10,4700	10,4700	10,4700			10,4700					
Certificate	NL0011993043	AEX 419.4TL OPENH	EUR	10,8500	10,8500	10,8500			10,8500					
Certificate	DE000CD625Y8	AEX 421.1TL OPENZ	EUR	10,2130	10,2130	10,2130			10,2130					
Certificate	NL0011927215	AEX 421.7TRLOPENH	EUR	10,1200	10,1200	10,1200			10,1200					
Certificate	DE000CD627Q0	AEX 423.1TL OPENZ	EUR	10,4990	10,4990	10,0120	5921,5900	5	10,0120	565				
Certificate	NL0011993001	AEX 423.6TL OPENH	EUR	10,4200	10,4200	10,4200			10,4200					
Certificate	NL0011927173	AEX 423.9TRLOPENH	EUR	9,8900	9,8900	9,8900			9,8900					
Certificate	NL0011908447	AEX 424.2BL OPENB	EUR	9,9520	9,9520	9,9520			9,9520					
Certificate	NL0011992987	AEX 425.6TL OPENH	EUR	10,2400	10,2400	10,2400			10,2400					
Certificate	DE000CD627P2	AEX 427.2TL OPENZ	EUR	9,6040	9,6040	9,6040			9,6040					
Certificate	NL0012048334	AEX 428.6TL OPENH	EUR	9,9400	9,9400	9,9400			9,9400					
Certificate	NL0012048326	AEX 429.6TL OPENH	EUR	9,8400	9,8400	9,8400			9,8400					
Certificate	NL0011994686	AEX 430.5TRLOPENH	EUR	9,2400	9,2400	9,2400			9,2400					
Certificate	DE000CD62619	AEX 431.3TL OPENZ	EUR	9,1910	9,1910	9,1910			9,1910					
Certificate	NL0011994678	AEX 431.6TRLOPENH	EUR	9,5000	9,5800	9,1200	9540,0000	2	9,1200	1000				
Certificate	NL0011994660	AEX 432.6TRLOPENH	EUR	9,0100	9,0100	9,0100			9,0100					
Certificate	NL0012029342	AEX 432.7BL OPENB	EUR	9,0960	9,0960	9,0960			9,0960					
Certificate	NL0012048870	AEX 433.7TL OPENH	EUR	9,4300	9,4300	9,4300			9,4300					
Certificate	NL0011994645	AEX 434.7TRLOPENH	EUR	8,8100	8,8100	8,8100			8,8100					
Certificate	DE000CD628F1	AEX 435.4TL OPENZ	EUR	8,7860	8,7860	8,7860			8,7860					
Certificate	NL0011994611	AEX 436.8TRLOPENH	EUR	8,5900	8,5900	8,5900			8,5900					
Certificate	NL0012049555	AEX 437.8TL OPENH	EUR	9,0300	9,0300	9,0300			9,0300					
Certificate	NL0012049225	AEX 438.4TRLOPENH	EUR	8,4500	8,4500	8,4500			8,4500					
Certificate	NL0012049548	AEX 438.8TL OPENH	EUR	8,9300	8,9300	8,9300			8,9300					
Certificate	NL0012049530	AEX 439.8TL OPENH	EUR	8,8300	8,8300	8,8300			8,8300					
Certificate	DE000CD63LY0	AEX 440.4TL OPENZ	EUR	8,2810	8,2810	8,2810			8,2810					
Certificate	NL0012050868	AEX 441.9TL OPENH	EUR	8,6200	8,6200	8,6200			8,6200					
Certificate	NL0012038541	AEX 443.2BL OPENB	EUR	8,5500	8,5500	8,0540	2017,2000	2	8,0540	240				
Certificate	DE000CD63XK4	AEX 444.4TL OPENZ	EUR	7,8820	7,8820	7,8820			7,8820					
Certificate	NL0012049407	AEX 444.6TRLOPENH	EUR	7,8300	7,8300	7,8300			7,8300					



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	NL0012039838	AEX 445.28L OPENB	EUR	7,8540	7,8540	7,8540			7,8540					
Certificate	NL0012050710	AEX 447.7TRLOPENH	EUR	7,5200	7,5200	7,5200			7,5200					
Certificate	DE000CD63Y90	AEX 448.4TL OPENZ	EUR	7,4820	7,4820	7,4820			7,4820					
Certificate	NL0012050678	AEX 449.8TRLOPENH	EUR	7,3000	7,3000	7,3000			7,3000					
Certificate	NL0012051544	AEX 451.3TRLOPENH	EUR	7,1600	7,1600	7,1600			7,1600					
Certificate	NL0012098974	AEX 452.58L OPENB	EUR	7,1240	7,1240	7,1240			7,1240					
Certificate	DE000CD63YB1	AEX 452.5TL OPENZ	EUR	7,0790	7,0790	7,0790			7,0790					
Certificate	NL0012098982	AEX 453.58L OPENB	EUR	7,0190	7,0190	7,0190			7,0190					
Certificate	NL0012051908	AEX 453.9TRLOPENH	EUR	6,9000	6,9000	6,9000			6,9000					
Certificate	DE000CD640U5	AEX 454.4TL OPENZ	EUR	6,8890	6,8890	6,8890			6,8890					
Certificate	NL0012100143	AEX 455.58L OPENB	EUR	7,2810	7,2810	6,8190	3629,3400	3	6,8190	503				
Certificate	NL0013079072	AEX 456.4TL OPENH	EUR	7,1900	7,1900	7,1900			7,1900					
Certificate	NL0012100150	AEX 456.58L OPENB	EUR	6,7170	6,7170	6,7170			6,7170					
Certificate	NL0012108898	AEX 457.3TL OPENB	EUR	7,4330	7,4330	7,4330			7,4330					
Certificate	NL0012052583	AEX 457.5TRLOPENH	EUR	6,5300	6,5300	6,5300			6,5300					
Certificate	NL0012053052	AEX 458.1TL OPENH	EUR	7,0100	7,0100	7,0100			7,0100					
Certificate	DE000CD640W1	AEX 458.4TL OPENZ	EUR	6,4860	6,4860	6,4860			6,4860					
Certificate	NL0012052559	AEX 459.1TRLOPENH	EUR	6,3600	6,3600	6,3600			6,3600					
Certificate	NL0012052872	AEX 460.1TRLOPENH	EUR	6,7300	6,8500	6,2600	108138,7000	22	6,2600	16010				
Certificate	NL0012108922	AEX 460.4TL OPENB	EUR	7,1310	7,1310	7,1310			7,1310					
Certificate	NL0012101018	AEX 460.78L OPENB	EUR	6,3040	6,3040	6,3040			6,3040					
Certificate	LU1841026922	AEX 461.5TCIOPENS	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	NL0012052849	AEX 461.7TRLOPENH	EUR	6,1100	6,1100	6,1100			6,1100					
Certificate	NL0012110142	AEX 461.8TL OPENB	EUR	6,9950	6,9950	6,9950			6,9950					
Certificate	NL0012052831	AEX 462.2TRLOPENH	EUR	6,0600	6,0600	6,0600			6,0600					
Certificate	NL0012093967	AEX 462.4TL OPENH	EUR	6,6000	6,6000	6,6000			6,6000					
Certificate	DE000CD64391	AEX 462.4TL OPENZ	EUR	6,0880	6,0880	6,0880			6,0880					
Certificate	NL0012174304	AEX 463.4TL OPENH	EUR	6,4900	6,4900	6,4900			6,4900					
Certificate	NL0012101638	AEX 463.78L OPENB	EUR	5,9960	5,9960	5,9960			5,9960					
Certificate	NL0012174296	AEX 464.4TL OPENH	EUR	6,3900	6,3900	6,3900			6,3900					
Certificate	NL0012052955	AEX 464.8TRLOPENH	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	NL0012110175	AEX 464.9TL OPENB	EUR	6,6940	6,6940	6,6940			6,6940					
Certificate	DE000CD647Q8	AEX 465.3TL OPENZ	EUR											
Certificate	NL0012102982	AEX 465.88L OPENB	EUR	5,7880	5,7880	5,7880			5,7880					
Certificate	NL0012110183	AEX 465.9TL OPENB	EUR	6,5910	6,5910	6,5910			6,5910					
Certificate	DE000CD643B9	AEX 466.5TL OPENZ	EUR	6,0980	6,2320	5,5790	239066,5700	292	5,6850	40146				
Certificate	NL0012053649	AEX 467.6TRLOPENH	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	NL0012174254	AEX 468.5TL OPENH	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	NL0012110340	AEX 468.98L OPENB	EUR	5,4840	5,4840	5,4840			5,4840					
Certificate	NL0012110977	AEX 468.9TL OPENB	EUR	6,2940	6,2940	6,2940			6,2940					
Certificate	DE000VA71V50	AEX 469.3TL OPENV	EUR	5,4000	5,4000	5,4000			5,4000					
Certificate	LU1841027060	AEX 470.1TCIOPENS	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	DE000VA71VT8	AEX 470.3TL OPENV	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	NL0013084064	AEX 470.4TL OPENH	EUR	5,8400	5,8400	5,8400			5,8400					
Certificate	DE000CD646R8	AEX 470.4TL OPENZ	EUR	5,2910	5,2910	5,2910			5,2910					
Certificate	NL0012904023	AEX 470.5TRLOPENH	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	DE000VA71VV4	AEX 471.3TL OPENV	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	NL0013084056	AEX 471.4TL OPENH	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	NL0012111199	AEX 471.98L OPENB	EUR	5,1770	5,1770	5,1770			5,1770					
Certificate	NL0012112429	AEX 472.2TL OPENB	EUR	5,9760	5,9760	5,9760			5,9760					
Certificate	DE000VA71VX0	AEX 472.3TL OPENV	EUR	5,1000	5,1000	5,1000			5,1000					
Certificate	DE000CD647L9	AEX 472.4TL OPENZ	EUR	5,0950	5,0950	5,0950			5,0950					
Certificate	NL0012174213	AEX 472.6TL OPENH	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	DE000VA71VY8	AEX 473.3TL OPENV	EUR	4,9990	4,9990	4,9990			4,9990					
Certificate	NL0012174205	AEX 473.6TL OPENH	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	NL0012566087	AEX 473.6TRLOPENH	EUR	4,9300	4,9300	4,9300			4,9300					
Certificate	DE000VA71V02	AEX 474.3TL OPENV	EUR	4,8990	4,8990	4,8990			4,8990					
Certificate	NL0012174197	AEX 474.6TL OPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	NL0012197164	AEX 475.5TL OPENH	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	NL0012114243	AEX 476.1TL OPENB	EUR	5,5950	5,5950	5,5950			5,5950					
Certificate	LU1841027144	AEX 476.2TCIOPENS	EUR	4,7100	4,7100	4,7100			4,7100					
Certificate	NL0012111678	AEX 476.38L OPENB	EUR	4,7390	4,7390	4,7390			4,7390					
Certificate	DE000CE6BHL8	AEX 476.3TL OPENZ	EUR	4,7110	4,7110	4,7110			4,7110					
Certificate	NL0012197156	AEX 476.5TL OPENH	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	NL0012114250	AEX 477.1TL OPENB	EUR	5,4950	5,4950	5,4950			5,4950					
Certificate	DE000VA71RL3	AEX 477.2TL OPENV	EUR	4,6020	4,6020	4,6020			4,6020					
Certificate	NL0012113112	AEX 477.38L OPENB	EUR	4,9080	4,9080	4,6020	16866,5000	4	4,6370	3500				
Certificate	NL0012175830	AEX 477.4TRLOPENH	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	DE000VA71RM1	AEX 478.2TL OPENV	EUR	4,5010	4,5010	4,5010			4,5010					
Certificate	DE000CYAOW86	AEX 478.3TL OPENC	EUR	6,2000	6,2000	6,2000			6,2000					
Certificate	NL0013084049	AEX 478.4TL OPENH	EUR	5,0500	5,0500	5,0500			5,0500					
Certificate	NL0012114805	AEX 479.1TL OPENB	EUR	5,2970	5,2970	5,2970			5,2970					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA71RN9	AEX 479.2TL OPENV	EUR	4,4010	4,4010	4,4010			4,4010					
Certificate	NL0012197123	AEX 479.6TL OPENH	EUR	4,9000	4,9000	4,9000			4,9000					
Certificate	DE000CE6BK83	AEX 480.2TL OPENZ	EUR	4,3170	4,3170	4,3170			4,3170					
Certificate	LU1841027227	AEX 480.7TCIOPENS	EUR	4,2600	4,2600	4,2600			4,2600					
Certificate	DE000CJ3N7K7	AEX 480.9TL OPENZ	EUR	4,7750	4,7750	4,7750			4,7750					
Certificate	NL0012114458	AEX 481.58L OPENB	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	NL0012116271	AEX 481.5TL OPENB	EUR	5,0610	5,0610	5,0610			5,0610					
Certificate	NL0012179147	AEX 481.6TRLOPENH	EUR	4,1500	4,1500	4,1500			4,1500					
Certificate	NL0012198709	AEX 481.9TL OPENH	EUR	5,1800	5,1800	4,6800	6216,0000	1	4,6800	1200				
Certificate	NL0012179139	AEX 482.1TRLOPENH	EUR	4,5200	4,6600	4,1000	4052,0000	9	4,1000	900				
Certificate	DE000CE6BL35	AEX 482.2TL OPENZ	EUR	4,1210	4,1210	4,1210			4,1210					
Certificate	NL0012116818	AEX 482.4TL OPENB	EUR	5,1700	5,1700	4,9700	1034,0000	1	4,9700	200				
Certificate	NL0012114490	AEX 482.58L OPENB	EUR	4,1180	4,1180	4,1180			4,1180					
Certificate	NL0012200158	AEX 482.8TL OPENH	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	NL0012196745	AEX 483.1TRLOPENH	EUR	3,9900	3,9900	3,9900			3,9900					
Certificate	NL0012201032	AEX 483.7TL OPENH	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	NL0012196729	AEX 484.1TRLOPENH	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	DE000CE6BPY4	AEX 484.2TL OPENZ	EUR	3,9260	3,9260	3,9260			3,9260					
Certificate	LU1841027490	AEX 484.3TCIOPENS	EUR	3,9000	3,9000	3,9000			3,9000					
Certificate	NL0012115877	AEX 484.58L OPENB	EUR	3,9240	3,9240	3,9240			3,9240					
Certificate	NL0012201024	AEX 484.7TL OPENH	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	NL0012197560	AEX 485.1TRLOPENH	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	DE000CY0AYF6	AEX 485.3TL OPENC	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	DE000VN66GQ8	AEX 485.8TL OPENV	EUR	4,7480	4,7480	4,7480			4,7480					
Certificate	DE000CE6BPZ1	AEX 486.2TL OPENZ	EUR	3,7270	3,7270	3,7270			3,7270					
Certificate	NL0013079064	AEX 486.4TL OPENH	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	NL0012116891	AEX 486.5TL OPENB	EUR	4,5700	4,5700	4,5700			4,5700					
Certificate	DE000CY165A0	AEX 486.8TL OPENC	EUR	5,2200	5,2200	5,2200			5,2200					
Certificate	LU1841027573	AEX 487.1TCIOPENS	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	NL0012200224	AEX 487.2TRLOPENH	EUR	3,5900	3,5900	3,5900			3,5900					
Certificate	NL0013079056	AEX 487.4TL OPENH	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	NL0012117345	AEX 487.58L OPENB	EUR	4,1780	4,1780	3,6180	3789,5000	3	3,6180	950				
Certificate	DE000VL76GG2	AEX 487.6TL OPENV	EUR	4,2220	4,2220	4,2220			4,2220					
Certificate	NL0012116925	AEX 488.1TL OPENB	EUR	4,6180	4,6180	4,4180	9236,0000	1	4,4180	2000				
Certificate	DE000CE6BTS8	AEX 488.1TL OPENZ	EUR	3,5320	3,5320	3,5320			3,5320					
Certificate	NL0012117360	AEX 488.58L OPENB	EUR	3,5160	3,5160	3,5160			3,5160					
Certificate	DE000VL76GH0	AEX 488.6TL OPENV	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	NL0012200984	AEX 488.8TL OPENH	EUR	3,9800	3,9800	3,9800			3,9800					
Certificate	NL0012120307	AEX 488.9TL OPENB	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	NL0012200695	AEX 488.9TRLOPENH	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	NL0012120315	AEX 489.4TL OPENB	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	LU1841027656	AEX 489.5TCIOPENS	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	NL0012200976	AEX 489.8TL OPENH	EUR	4,2900	4,2900	3,8800	2960,1000	1	3,8800	690				
Certificate	NL0012120323	AEX 489.9TL OPENB	EUR	4,2390	4,2390	4,2390			4,2390					
Certificate	DE000CE6BT16	AEX 490.1TL OPENZ	EUR	3,6700	3,6700	3,3340	367,0000	1	3,3340	100				
Certificate	NL0012200679	AEX 490.4TRLOPENH	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	NL0012120349	AEX 490.9TL OPENB	EUR	4,1390	4,1390	4,1390			4,1390					
Certificate	NL0012117410	AEX 491.18L OPENB	EUR	3,2550	3,2550	3,2550			3,2550					
Certificate	LU1841027730	AEX 491.4TCIOPENS	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	NL0012200646	AEX 491.9TRLOPENH	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	DE000CE6BXR2	AEX 492.1TL OPENZ	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	NL0012117923	AEX 492.28L OPENB	EUR	3,7230	3,7230	3,1530	465,3800	1	3,1530	125				
Certificate	NL0013079049	AEX 492.4TL OPENH	EUR	3,6300	3,6300	3,6300			3,6300					
Certificate	NL0012117931	AEX 492.78L OPENB	EUR	3,1020	3,1020	3,1020			3,1020					
Certificate	LU1841027813	AEX 493.1TCIOPENS	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	NL0012259113	AEX 493.3TL OPENB	EUR	3,9070	3,9070	3,9070			3,9070					
Certificate	NL0013079031	AEX 493.4TL OPENH	EUR	3,5300	3,5300	3,5300			3,5300					
Certificate	NL0013082761	AEX 493.5TRLOPENH	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	DE000VN66GV2	AEX 493.8TL OPENV	EUR	3,9290	3,9290	3,9290			3,9290					
Certificate	DE000VL76CX6	AEX 494.1TL OPENV	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	NL0012259121	AEX 494.3TL OPENB	EUR	4,2600	4,4000	3,8050	43435,2800	7	3,8050	10127				
Certificate	NL0013079023	AEX 494.4TL OPENH	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	LU1841027904	AEX 494.5TCIOPENS	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	NL0012202063	AEX 494.6TRLOPENH	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	NL0012117972	AEX 494.88L OPENB	EUR	3,3370	3,5220	2,8920	5262,7000	3	2,8920	1600				
Certificate	NL0012276349	AEX 494.8TL OPENB	EUR	4,2000	4,2000	3,7600	840,0000	1	3,7600	200				
Certificate	NL0012213151	AEX 495.1TL OPENH	EUR	3,3600	3,3600	3,3600			3,3600					
Certificate	DE000VL76CY4	AEX 495.1TL OPENV	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	NL0012117980	AEX 495.38L OPENB	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	DE000CE6B254	AEX 495.3TL OPENZ	EUR											
Certificate	NL0012202048	AEX 495.6TRLOPENH	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	NL0012276554	AEX 495.7TL OPENB	EUR	3,9510	3,9510	3,6660	198133,6500	2	3,6660	50150				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012117998	AEX 495.88L OPENB	EUR	2,7890	2,7890	2,7890			2,7890					
Certificate	DE000VN66G03	AEX 495.8TL OPENV	EUR	3,7240	3,7240	3,7240			3,7240					
Certificate	DE000VL76C21	AEX 496.1TL OPENV	EUR	3,4090	3,4090	3,4090			3,4090					
Certificate	NL0012202030	AEX 496.1TRLOPENH	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	NL0012202022	AEX 496.6TRLOPENH	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	NL0012276562	AEX 496.7TL OPENB	EUR	3,5660	3,5660	3,5660			3,5660					
Certificate	NL0012119127	AEX 496.88L OPENB	EUR	2,6860	2,6860	2,6860			2,6860					
Certificate	NL0012366538	AEX 496.8TL OPENH	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	NL0013081854	AEX 497.2TRLOPENH	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	NL0012121685	AEX 497.38L OPENB	EUR	2,6380	2,6380	2,6380			2,6380					
Certificate	NL0012491617	AEX 497.6TL OPENB	EUR	3,4870	3,4870	3,4870			3,4870					
Certificate	LU1841028035	AEX 497.7TCIOPENS	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	NL0012122808	AEX 497.88L OPENB	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	NL0013080369	AEX 497.8TRLOPENH	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	NL0012374912	AEX 497.9TL OPENH	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	DE000CE6C071	AEX 497.9TL OPENZ	EUR	2,9800	2,9800	2,5620	704,8000	2	2,5620	240				
Certificate	NL0012203954	AEX 498.7TRLOPENH	EUR	3,0300	3,0300	2,4300	6030,0000	2	2,4300	2000				
Certificate	NL0012491641	AEX 499.1TL OPENB	EUR	3,8430	3,8430	3,3380	192,1500	1	3,3380	50				
Certificate	NL0012123087	AEX 499.38L OPENB	EUR	2,8170	2,9710	2,4400	17598,3000	7	2,4400	6200				
Certificate	LU1841028118	AEX 499.3TCIOPENS	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	NL0012209373	AEX 499.7TRLOPENH	EUR	2,3500	2,3500	2,3500			2,3500					
Certificate	NL0012123095	AEX 499.88L OPENB	EUR	2,9230	2,9230	2,3880	28103,0000	2	2,3880	11000				
Certificate	NL0012436950	AEX 499.8TL OPENH	EUR	3,0000	3,0000	2,9000	9000,0000	1	2,9000	3000				
Certificate	DE000VL76C07	AEX 500.1TL OPENV	EUR	3,0040	3,0040	3,0040			3,0040					
Certificate	LU1841028209	AEX 500.6TCIOPENS	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	NL0012210728	AEX 500.7TRLOPENH	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	NL0013011927	AEX 500.88L OPENB	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	NL0012436943	AEX 500.8TL OPENH	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	DE000VN66G52	AEX 500.8TL OPENV	EUR	3,2030	3,2120	3,2030	3203,0000	1	3,2120	1000				
Certificate	NL0012491682	AEX 501.1TL OPENB	EUR	3,5820	3,5820	3,0880	1781,8300	2	3,1380	565				
Certificate	DE000VL76C15	AEX 501.1TL OPENV	EUR	2,9030	2,9030	2,9030			2,9030					
Certificate	NL0013080351	AEX 501.3TRLOPENH	EUR	2,1700	2,1700	2,1700			2,1700					
Certificate	LU1840975590	AEX 501.4TCIOPENS	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	NL0012491690	AEX 501.6TL OPENB	EUR	3,4980	3,4980	3,0880	3498,0000	1	3,0880	1000				
Certificate	NL0012258669	AEX 501.88L OPENB	EUR	2,7260	2,7260	2,1860	4318,2000	5	2,1860	1700				
Certificate	DE000VN66G60	AEX 501.8TL OPENV	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	NL0012210702	AEX 501.8TRLOPENH	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	DE000VL76C23	AEX 502.1TL OPENV	EUR	2,8010	2,8010	2,8010			2,8010					
Certificate	LU1840975673	AEX 502.6TCIOPENS	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	NL0012491716	AEX 502.6TL OPENB	EUR	2,9880	2,9880	2,9880			2,9880					
Certificate	NL0012437578	AEX 502.7TL OPENH	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	DE000VL76GV1	AEX 502.7TL OPENV	EUR	2,7040	2,7040	2,7040			2,7040					
Certificate	NL0013011935	AEX 502.88L OPENB	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	NL0012238786	AEX 502.9TRLOPENH	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	LU1840975756	AEX 503.7TCIOPENS	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	DE000CY16E48	AEX 503.8TL OPENC	EUR	3,9400	3,9400	3,5400	996,8200	1	3,5400	253				
Certificate	NL0012437560	AEX 503.8TL OPENH	EUR	2,6900	2,7000	2,5200	53500,0000	4	2,5200	20000				
Certificate	NL0012367114	AEX 504.1TRLOPENH	EUR	2,3600	2,5100	1,7900	75102,0600	124	1,9200	32520				
Certificate	NL0012491740	AEX 504.2TL OPENB	EUR	2,8390	2,8390	2,8390			2,8390					
Certificate	NL0012491450	AEX 504.38L OPENB	EUR	2,3390	2,3690	1,9400	3121,6500	3	1,9400	1350				
Certificate	LU1840975830	AEX 504.7TCIOPENS	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	NL0013080344	AEX 504.8TRLOPENH	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	NL0012572762	AEX 505.3TRLOPENH	EUR	1,6700	1,8000	1,6700	6940,0000	2	1,7800	4000				
Certificate	LU1840975913	AEX 505.5TCIOPENS	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	NL0012491872	AEX 505.88L OPENB	EUR	2,3080	2,4330	1,7890	7935,9700	11	1,7890	3764				
Certificate	NL0012687354	AEX 505.9TL OPENB	EUR	3,1450	3,3000	2,6700	531779,5000	15	2,6700	166300				
Certificate	NL0012515845	AEX 505.9TL OPENH	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	DE000CE6F967	AEX 505.9TL OPENZ	EUR	1,7500	1,7750	1,6900	2583,0000	2	1,7750	1500				
Certificate	DE000CY50IQ3	AEX 506.1TL OPENC	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	LU1840976051	AEX 506.3TCIOPENS	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	NL0012687362	AEX 506.4TL OPENB	EUR	2,6660	2,6710	2,6210	799,8000	1	2,6210	300				
Certificate	NL0012516355	AEX 506.7TRLOPENH	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	NL0012493191	AEX 506.88L OPENB	EUR	2,1280	2,3130	1,5990	17394,9600	14	1,6890	8150				
Certificate	LU1521122546	AEX 506.8TCIOPENS	EUR											
Certificate	DE000VN66HB8	AEX 506.8TL OPENV	EUR	2,5990	2,5990	2,5990			2,5990					
Certificate	NL0012515837	AEX 506.9TL OPENH	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	DE000CY50IR1	AEX 507.1TL OPENC	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	NL0012516348	AEX 507.2TRLOPENH	EUR	2,1700	2,1700	1,6000	1588,5000	3	1,6000	750				
Certificate	DE000VL2FLZ8	AEX 507.6TL OPENV	EUR	2,3960	2,3960	2,3960			2,3960					
Certificate	NL001277429	AEX 507.7TL OPENB	EUR	2,7670	2,7670	2,3970	8096,0000	3	2,5070	3000				
Certificate	NL0012573257	AEX 507.7TL OPENH	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	NL0012493209	AEX 507.88L OPENB	EUR	1,5870	1,5870	1,5870			1,5870					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VN66HC6	AEX 507.8TL OPENV	EUR	2,4910	2,4910	2,4910			2,4910					
Certificate	DE000CY16MY2	AEX 507.9TL OPENC	EUR	3,5000	3,5000	3,1000	875,0000	2	3,1000	250				
Certificate	NL0012572754	AEX 507.9TRLOPENH	EUR	1,7600	1,7600	1,5400	2640,0000	1	1,5400	1500				
Certificate	DE000CY50J59	AEX 508.1TL OPENC	EUR	2,5400	2,5400	2,5400								
Certificate	DE000CE6EN55	AEX 508.1TL OPENZ	EUR	1,5680	1,5680	1,5680			1,5680					
Certificate	LU1840976135	AEX 508.2TCIOPENS	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	NL0012572747	AEX 508.4TRLOPENH	EUR	1,8700	2,0800	1,4700	60930,8200	23	1,4800	34792				
Certificate	NL0012599716	AEX 508.6TL OPENH	EUR	2,5900	2,5900	2,0300	2590,0000	1	2,0300	1000				
Certificate	DE000VL76H10	AEX 508.7TL OPENV	EUR	2,5800	2,5835	2,0050	13732,0500	6	2,0050	5545				
Certificate	NL0012778104	AEX 508.8TL OPENB	EUR	2,9480	2,9480	2,3980	3812,4000	2	2,3980	1300				
Certificate	NL0013080336	AEX 509.3TRLOPENH	EUR	1,4400	1,4400	1,4300	495,3600	1	1,4300	344				
Certificate	NL0012493225	AEX 509.48L OPENB	EUR	1,8460	1,8460	1,4320	3358,5000	3	1,4320	2000				
Certificate	DE000CY16QJ4	AEX 509.5TL OPENC	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	LU1840976218	AEX 509.6TCIOPENS	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	NL0012778112	AEX 509.8TL OPENB	EUR	2,5540	2,5540	2,2990	510,8000	1	2,2990	200				
Certificate	DE000CV884D3	AEX 509.9TL OPENZ	EUR	1,7870	1,8410	1,3350	82915,1100	18	1,3920	54100				
Certificate	NL0012534549	AEX 510.2TRLOPENH	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	NL0012907430	AEX 510.4TL OPENH	EUR	2,3600	2,3600	1,8500	47200,0000	1	1,8500	20000				
Certificate	DE000VL2FTN7	AEX 510.4TL OPENV	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	LU1840976309	AEX 510.7TCIOPENS	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	NL0012778120	AEX 510.8TL OPENB	EUR	2,6660	2,8110	2,2010	35761,8100	12	2,2010	13549				
Certificate	NL0012516272	AEX 510.8TRLOPENH	EUR	1,7500	1,7500	1,2600	19626,5000	8	1,2600	15150				
Certificate	NL0012778377	AEX 511.28L OPENB	EUR	1,7810	1,8610	1,2070	155267,0000	18	1,2470	91400				
Certificate	NL0012600712	AEX 511.4TL OPENH	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	DE000VL2FTP2	AEX 511.4TL OPENV	EUR	1,8060	1,8060	1,8060			1,8060					
Certificate	NL0012577290	AEX 511.5TRLOPENH	EUR	1,6100	1,7400	1,2100	17950,7500	6	1,2100	12525				
Certificate	LU1840976481	AEX 511.8TCIOPENS	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	NL0012778138	AEX 511.8TL OPENB	EUR	2,6310	2,6310	1,9810	5384,2000	5	2,1010	2134				
Certificate	NL0012600613	AEX 511.8TRLOPENH	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	DE000CE6F959	AEX 511.9TL OPENZ	EUR	1,6380	1,7510	1,1910	46325,6800	15	1,1910	28550				
Certificate	NL0012779235	AEX 512.28L OPENB	EUR	1,5830	1,7430	1,0590	39135,8600	35	1,1490	27470				
Certificate	NL0012778146	AEX 512.3TL OPENB	EUR	2,6110	2,6710	1,9410	8531,7000	8	2,0510	3552				
Certificate	NL0012600704	AEX 512.4TL OPENH	EUR	2,1800	2,2000	1,6400	44070,0000	5	1,6400	21000				
Certificate	DE000VL2FTQ0	AEX 512.4TL OPENV	EUR	1,7090	1,7090	1,7090			1,7090					
Certificate	NL0013078405	AEX 512.5TRLOPENH	EUR	1,5500	1,7300	1,0400	46943,4500	40	1,1200	32785				
Certificate	NL0013013014	AEX 512.78L OPENB	EUR	1,6970	1,6970	1,1030	169,7000	1	1,1030	100				
Certificate	NL0013012297	AEX 512.8TL OPENB	EUR	2,0980	2,1010	1,5040	9203,0000	3	1,5040	5500				
Certificate	NL0013078397	AEX 512.9TRLOPENH	EUR											
Certificate	NL0012779243	AEX 513.18L OPENB	EUR											
Certificate	NL0013012305	AEX 513.3TL OPENB	EUR	1,9840	1,9840	1,3500	2382,7000	4	1,4550	1300				
Certificate	DE000VA71ZK8	AEX 513.3TL OPENV	EUR	1,0420	1,0420	1,0420			1,0420					
Certificate	DE000CV519F7	AEX 513.5TL OPENC	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	NL0012600696	AEX 513.5TL OPENH	EUR											
Certificate	NL0012904015	AEX 513.5TRLOPENH	EUR											
Certificate	DE000CV88863	AEX 513.6TL OPENZ	EUR											
Certificate	NL0013013022	AEX 513.78L OPENB	EUR	1,2980	1,2980	1,0030	64450,0000	2	1,0030	50000				
Certificate	NL0012779524	AEX 513.7TL OPENB	EUR											
Certificate	DE000VL2FVN3	AEX 513.7TL OPENV	EUR	1,6120	1,6120	1,6120			1,6120					
Certificate	LU1696502415	AEX 513.8TCIOPENS	EUR											
Certificate	NL0013012313	AEX 513.8TL OPENB	EUR	2,0420	2,0420	1,4050	16051,1900	7	1,4050	9803				
Certificate	NL0013084270	AEX 513.8TRLOPENH	EUR	1,1800	1,1800	0,9800	442,5000	1	0,9800	375				
Certificate	DE000CJ3PCB2	AEX 513.9TL OPENZ	EUR											
Certificate	LU1841095570	AEX 514.1TCIOPENS	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	NL0013012362	AEX 514.3TL OPENB	EUR	1,3590	1,3590	1,3590			1,3590					
Certificate	DE000VA71ZN2	AEX 514.3TL OPENV	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	NL0013084866	AEX 514.4TL OPENH	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	NL0013078389	AEX 514.4TRLOPENH	EUR											
Certificate	NL0013013030	AEX 514.78L OPENB	EUR	1,4320	1,5570	0,9030	10561,8000	7	0,9030	7650				
Certificate	DE000VL2FVP8	AEX 514.7TL OPENV	EUR	1,5140	1,5140	1,5140			1,5140					
Certificate	NL0012603039	AEX 514.8TRLOPENH	EUR											
Certificate	NL0013084262	AEX 514.8TRLOPENH	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	NL0012779268	AEX 515.18L OPENB	EUR											
Certificate	LU1841095653	AEX 515.2TCIOPENS	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	NL0013012370	AEX 515.3TL OPENB	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000VA71ZR3	AEX 515.3TL OPENV	EUR	0,8490	0,8490	0,8490			0,8490					
Certificate	NL0013084254	AEX 515.3TRLOPENH	EUR	1,2500	1,2500	0,8200	652,0500	2	0,8300	630				
Certificate	NL0012603021	AEX 515.3TRLOPENH	EUR											
Certificate	NL0013084858	AEX 515.4TL OPENH	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	DE000CV887U0	AEX 515.6TL OPENZ	EUR											
Certificate	NL0013013048	AEX 515.78L OPENB	EUR	1,2370	1,2450	0,8030	3719,0000	2	0,8030	3000				
Certificate	DE000VL2FVQ6	AEX 515.7TL OPENV	EUR	1,4150	1,4150	1,4150			1,4150					
Certificate	NL0012779532	AEX 515.8TL 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	NL0013084247	AEX 515.8TRLOPENH	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	NL0012903769	AEX 515.9TL OPENH	EUR											
Certificate	DE000CJ3PCCO	AEX 515.9TL OPENZ	EUR											
Certificate	LU1841095737	AEX 516.2TCIOPENS	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	NL0013012388	AEX 516.3TL OPENB	EUR	1,6400	1,7800	1,1610	11632,8600	3	1,1610	7087				
Certificate	DE000VA71ZT9	AEX 516.3TL OPENV	EUR	0,7520	0,7520	0,7520			0,7520					
Certificate	NL0012603005	AEX 516.3TRLOPENH	EUR											
Certificate	NL0013084239	AEX 516.3TRLOPENH	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	NL0013084841	AEX 516.4TL OPENH	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	NL0013013055	AEX 516.7BL OPENB	EUR	0,8980	0,8980	0,7030	4490,0000	1	0,7030	5000				
Certificate	NL0012779540	AEX 516.8TL OPENB	EUR											
Certificate	NL0013084221	AEX 516.8TRLOPENH	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	NL0012602239	AEX 517.1TL OPENH	EUR											
Certificate	DE000VL97520	AEX 517.1TL OPENV	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	NL0013012396	AEX 517.3TL OPENB	EUR	1,0620	1,0620	1,0620			1,0620					
Certificate	DE000VA71ZU7	AEX 517.3TL OPENV	EUR	0,6550	0,6550	0,6550			0,6550					
Certificate	NL0013084213	AEX 517.3TRLOPENH	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	NL0013078371	AEX 517.3TRLOPENH	EUR											
Certificate	NL0013084833	AEX 517.4TL OPENH	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	DE000CV88871	AEX 517.4TL OPENZ	EUR											
Certificate	NL0013013063	AEX 517.7BL OPENB	EUR	0,5920	0,5920	0,5920			0,5920					
Certificate	NL0012602973	AEX 517.7TRLOPENH	EUR											
Certificate	LU1841095810	AEX 517.8TCIOPENS	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	NL0013084205	AEX 517.8TRLOPENH	EUR	1,2100	1,2100	0,5500	1965,5500	5	0,6100	2200				
Certificate	DE000CJ3PCD8	AEX 517.9TL OPENZ	EUR											
Certificate	DE000VL97546	AEX 518.1TL OPENV	EUR	1,5610	1,5610	1,0880	2883,3300	5	1,1360	2330				
Certificate	NL0013012404	AEX 518.3TL OPENB	EUR	0,9630	0,9630	0,9630			0,9630					
Certificate	DE000VA71ZV5	AEX 518.3TL OPENV	EUR	0,5580	0,5580	0,5580			0,5580					
Certificate	NL0013084197	AEX 518.3TRLOPENH	EUR	0,5300	0,5800	0,5300	555,0000	2	0,5500	1000				
Certificate	NL0013078116	AEX 518.3TRLOPENH	EUR											
Certificate	NL0013084825	AEX 518.4TL OPENH	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	LU1841095901	AEX 518.5TCIOPENS	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	NL0013013071	AEX 518.7BL OPENB	EUR	1,0000	1,0390	0,4850	10523,0000	6	0,4850	11950				
Certificate	LU1719706365	AEX 518.8TCIOPENS	EUR											
Certificate	NL0013078108	AEX 518.8TRLOPENH	EUR											
Certificate	NL0013084189	AEX 518.8TRLOPENH	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	NL0012903751	AEX 518.9TL OPENH	EUR											
Certificate	DE000VL97553	AEX 519.1TL OPENV	EUR											
Certificate	NL0013013089	AEX 519.2BL OPENB	EUR	1,0040	1,0040	0,4320	10040,0000	1	0,4320	10000				
Certificate	NL0013012412	AEX 519.3TL OPENB	EUR	1,2980	1,2980	0,8640	5127,1000	6	0,8640	4600				
Certificate	DE000VA71ZW3	AEX 519.3TL OPENV	EUR	0,4610	0,4610	0,4610			0,4610					
Certificate	NL0013084171	AEX 519.3TRLOPENH	EUR	1,0800	1,0800	0,3800	32124,0000	45	0,4700	52050				
Certificate	NL0013078090	AEX 519.3TRLOPENH	EUR											
Certificate	NL0013084817	AEX 519.4TL OPENH	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	DE000CV88889	AEX 519.4TL OPENZ	EUR											
Certificate	NL0013013097	AEX 519.7BL OPENB	EUR	0,8820	1,0320	0,3300	165092,5400	34	0,3780	199200				
Certificate	LU1841096032	AEX 519.8TCIOPENS	EUR	0,8400	0,9800	0,3100	1853,4400	12	0,4000	4401				
Certificate	LU1719706449	AEX 519.8TCIOPENS	EUR											
Certificate	DE000CJ3PCE6	AEX 519.9TL OPENZ	EUR	0,8170	1,0040	0,4275	26488,4300	16	0,4275	29846				
Certificate	DE000VL97579	AEX 520.1TL OPENV	EUR											
Certificate	NL0012603815	AEX 520.1TRLOPENH	EUR											
Certificate	NL0012602205	AEX 520.2TL OPENH	EUR											
Certificate	NL0013012420	AEX 520.3TL OPENB	EUR	0,7650	0,7650	0,7650			0,7650					
Certificate	DE000VA71ZX1	AEX 520.3TL OPENV	EUR	0,3680	0,3680	0,3680			0,3680					
Certificate	NL0013084809	AEX 520.4TL OPENH	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	NL0012902621	AEX 520.4TRLOPENH	EUR											
Certificate	LU1719706522	AEX 520.7TCIOPENS	EUR											
Certificate	LU1841096115	AEX 520.8TCIOPENS	EUR	0,7200	0,7200	0,3000	2178,4400	7	0,3000	4397				
Certificate	DE000VL97595	AEX 521.1TL OPENV	EUR											
Certificate	NL0012602197	AEX 521.2TL OPENH	EUR											
Certificate	NL0013012438	AEX 521.3TL OPENB	EUR	1,0950	1,2000	0,6660	111397,6000	23	0,6660	99350				
Certificate	DE000VA71ZY9	AEX 521.3TL OPENV	EUR	0,3015	0,3015	0,3015			0,3015					
Certificate	NL0013078363	AEX 521.3TRLOPENH	EUR											
Certificate	NL0013084791	AEX 521.4TL OPENH	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	DE000CV88897	AEX 521.4TL OPENZ	EUR											
Certificate	LU1719706795	AEX 521.5TCIOPENS	EUR											
Certificate	LU1841096206	AEX 521.6TCIOPENS	EUR	0,2200	0,2200	0,2200			0,2200					
Certificate	NL0012603781	AEX 521.7TRLOPENH	EUR											
Certificate	DE000VL97TA4	AEX 522.1TL OPENV	EUR											
Certificate	NL0012603773	AEX 522.2TRLOPENH	EUR											
Certificate	NL0013012446	AEX 522.3TL OPENB	EUR	0,9960	1,1560	0,5670	21983,0000	4	0,5670	22000				
Certificate	NL0013084783	AEX 522.4TL OPENH	EUR	1,1000	1,1000	0,6900	1071,6000	2	0,6900	1140				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1841096388	AEX 522.7TCIOPENS	EUR	0,5400	0,6500	0,1500	3906,5000	11	0,1500	8000				
Certificate	NL0012921258	AEX 522.7TRLOPENH	EUR											
Certificate	LU1719706878	AEX 522.8TCIOPENS	EUR											
Certificate	NL0012902613	AEX 522.9TRLOPENH	EUR											
Certificate	NL0012603492	AEX 523.1TL OPENH	EUR											
Certificate	NL0013011208	AEX 523.3BS OPENB	EUR											
Certificate	NL0013012453	AEX 523.3TL OPENB	EUR	0,7530	0,7530	0,4580	7530,0000	2	0,4580	10000				
Certificate	DE000CV88988	AEX 523.3TL OPENZ	EUR											
Certificate	NL0013084775	AEX 523.4TL OPENH	EUR	0,8100	0,8100	0,8100	405,0000	1	0,8100	500				
Certificate	NL0013082985	AEX 523.4TS OPENH	EUR											
Certificate	NL0013011216	AEX 523.8BS OPENB	EUR											
Certificate	NL0012604920	AEX 523.8TRLOPENH	EUR											
Certificate	NL0012603484	AEX 524.1TL OPENH	EUR											
Certificate	NL0013011224	AEX 524.3BS OPENB	EUR											
Certificate	NL0013012461	AEX 524.3TL OPENB	EUR											
Certificate	NL0013084767	AEX 524.4TL OPENH	EUR											
Certificate	DE000VA71T71	AEX 524.4TS OPENV	EUR											
Certificate	NL0012902605	AEX 524.5TRLOPENH	EUR											
Certificate	NL0013009236	AEX 524.5TS OPENB	EUR											
Certificate	NL0013012479	AEX 524.8TL OPENB	EUR	0,8730	0,8730	0,5440	12403,5000	4	0,5540	16600				
Certificate	NL0013011232	AEX 525.3BS OPENB	EUR											
Certificate	NL0013012487	AEX 525.3TL OPENB	EUR	0,7490	0,8790	0,5250	105702,9600	21	0,5600	146102				
Certificate	DE000CV889Y8	AEX 525.3TL OPENZ	EUR											
Certificate	NL0013084759	AEX 525.4TL OPENH	EUR	0,8200	0,8200	0,8200	1640,0000	1	0,8200	2000				
Certificate	NL0013082472	AEX 525.4TS OPENH	EUR											
Certificate	DE000VA71T97	AEX 525.4TS OPENV	EUR											
Certificate	NL0013009251	AEX 525.6TS OPENB	EUR											
Certificate	NL0012604888	AEX 525.8TRLOPENH	EUR											
Certificate	NL0012604201	AEX 526.1TL OPENH	EUR											
Certificate	NL0013011240	AEX 526.3BS OPENB	EUR											
Certificate	NL0012604870	AEX 526.3TRLOPENH	EUR											
Certificate	DE000VA71UB8	AEX 526.4TS OPENV	EUR											
Certificate	NL0013009269	AEX 526.6TS OPENB	EUR											
Certificate	NL0013082746	AEX 526.9TRSOPENH	EUR											
Certificate	NL0012604193	AEX 527.1TL OPENH	EUR											
Certificate	DE000CV88A97	AEX 527.2TL OPENZ	EUR											
Certificate	NL0013011257	AEX 527.3BS OPENB	EUR											
Certificate	NL0012604854	AEX 527.3TRLOPENH	EUR											
Certificate	NL0013082738	AEX 527.4TRSOPENH	EUR											
Certificate	NL0013084031	AEX 527.4TS OPENH	EUR											
Certificate	DE000VA71UC6	AEX 527.4TS OPENV	EUR											
Certificate	NL0013009277	AEX 527.6TS OPENB	EUR											
Certificate	NL0013082720	AEX 527.9TRSOPENH	EUR											
Certificate	DE000CJ3N971	AEX 527.9TS OPENZ	EUR											
Certificate	NL0013011265	AEX 528.3BS OPENB	EUR											
Certificate	LU1840972902	AEX 528.4TPIOPENS	EUR											
Certificate	NL0013082712	AEX 528.4TRSOPENH	EUR											
Certificate	NL0013081342	AEX 528.4TS OPENH	EUR											
Certificate	DE000VA71UE2	AEX 528.4TS OPENV	EUR											
Certificate	NL0013009285	AEX 528.6TS OPENB	EUR											
Certificate	NL0013010416	AEX 528.7BS OPENB	EUR											
Certificate	NL0013082704	AEX 528.9TRSOPENH	EUR											
Certificate	NL0013010424	AEX 529.2BS OPENB	EUR											
Certificate	NL0013082696	AEX 529.4TRSOPENH	EUR											
Certificate	NL0013081334	AEX 529.4TS OPENH	EUR											
Certificate	DE000VA71UF9	AEX 529.4TS OPENV	EUR											
Certificate	NL0013009293	AEX 529.6TS OPENB	EUR											
Certificate	NL0013010432	AEX 529.7BS OPENB	EUR											
Certificate	DE000CJ3N351	AEX 529.8TS OPENZ	EUR											
Certificate	NL0013082688	AEX 529.9TRSOPENH	EUR											
Certificate	NL0013010440	AEX 530.2BS OPENB	EUR											
Certificate	LU1840973116	AEX 530.4TPIOPENS	EUR											
Certificate	NL0013082670	AEX 530.4TRSOPENH	EUR											
Certificate	NL0013081326	AEX 530.4TS OPENH	EUR											
Certificate	DE000VA71UH5	AEX 530.4TS OPENV	EUR											
Certificate	NL0013008287	AEX 530.6BS OPENB	EUR											
Certificate	NL0013009301	AEX 530.6TS OPENB	EUR											
Certificate	DE000CQ5AMT1	AEX 530.9TL OPENC	EUR											
Certificate	NL0013082662	AEX 530.9TRSOPENH	EUR											
Certificate	NL0013008295	AEX 531.1BS OPENB	EUR											
Certificate	NL0013081318	AEX 531.4TS OPENH	EUR											
Certificate	DE000VA71P67	AEX 531.4TS 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	NL0013081847	AEX 531.5TRSOPENH	EUR											
Certificate	NL0013008303	AEX 531.6BS OPENB	EUR											
Certificate	NL0013009319	AEX 531.6TS OPENB	EUR											
Certificate	LU1840973207	AEX 531.8TPIOPENS	EUR											
Certificate	DE000CJ3N369	AEX 531.8TS OPENZ	EUR											
Certificate	NL0013081300	AEX 532.4TS OPENH	EUR											
Certificate	DE000VA71P75	AEX 532.4TS OPENV	EUR											
Certificate	NL0013081821	AEX 532.5TRSOPENH	EUR											
Certificate	NL0013008311	AEX 532.6BS OPENB	EUR											
Certificate	NL0013009327	AEX 532.6TS OPENB	EUR											
Certificate	NL0013080328	AEX 532.8TRSOPENH	EUR											
Certificate	NL0013080310	AEX 533.3TRSOPENH	EUR											
Certificate	NL0013081292	AEX 533.4TS OPENH	EUR											
Certificate	DE000VA71P83	AEX 533.4TS OPENV	EUR											
Certificate	NL0013008329	AEX 533.5BS OPENB	EUR	0,7960	1,2700	0,5500	215778,8400	121	1,1950	258001				
Certificate	NL0013009335	AEX 533.6TS OPENB	EUR	1,2200	1,7490	1,0640	301379,5000	19	1,6390	210900				
Certificate	LU1840973462	AEX 533.7TPIOPENS	EUR											
Certificate	NL0013080302	AEX 533.8TRSOPENH	EUR	0,8000	1,3000	0,6700	65841,6000	42	1,1700	80670				
Certificate	DE000CJ3N7X0	AEX 533.9TS OPENZ	EUR	0,8020	1,2360	0,6300	45959,6500	55	1,1960	58300				
Certificate	NL0013080294	AEX 534.3TRSOPENH	EUR	0,8400	1,2400	0,6800	3537,5000	8	1,2400	4250				
Certificate	LU1840973546	AEX 534.4TPIOPENS	EUR	0,7800	1,2100	0,7800	498,0000	2	1,2100	600				
Certificate	NL0013081284	AEX 534.4TS OPENH	EUR	1,3000	1,8800	1,3000	4490,0000	4	1,8200	3000				
Certificate	DE000VA71P91	AEX 534.4TS OPENV	EUR	1,2670	1,2670	1,2670			1,2670					
Certificate	NL0013008337	AEX 534.5BS OPENB	EUR	0,9110	1,2950	0,6710	193388,6500	19	1,2950	220700				
Certificate	NL0013009343	AEX 534.6TS OPENB	EUR	1,2360	1,8250	1,2310	11917,5000	6	1,7400	8000				
Certificate	NL0013080286	AEX 534.8TRSOPENH	EUR	0,9200	1,2900	0,7000	6426,0000	7	1,2900	7200				
Certificate	LU1840973629	AEX 535.3TPIOPENS	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	NL0013080278	AEX 535.3TRSOPENH	EUR	0,9400	1,3300	0,7600	17499,0000	13	1,3300	18575				
Certificate	NL0013081276	AEX 535.4TS OPENH	EUR	1,5400	1,9200	1,5400	10010,0000	1	1,9200	6500				
Certificate	DE000VA71QA8	AEX 535.4TS OPENV	EUR	1,3630	1,3630	1,3630			1,3630					
Certificate	NL0013008345	AEX 535.5BS OPENB	EUR	0,9460	1,4400	0,7960	140103,9000	22	1,3950	146000				
Certificate	NL0013009350	AEX 535.5TS OPENB	EUR	1,3320	1,8410	1,3220	9022,5500	7	1,8410	5900				
Certificate	NL0013080260	AEX 535.8TRSOPENH	EUR	0,9700	1,3800	0,9000	22770,0000	9	1,3800	24400				
Certificate	DE000CJ3N377	AEX 535.8TS OPENZ	EUR	0,8920	1,3750	0,8010	33720,4800	21	1,3750	36075				
Certificate	LU1840973892	AEX 536.2TPIOPENS	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	NL0013080252	AEX 536.3TRSOPENH	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	NL0013081268	AEX 536.4TS OPENH	EUR	1,4800	2,0000	1,4800	740,0000	1	2,0000	500				
Certificate	DE000VA71QB6	AEX 536.4TS OPENV	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	NL0013008352	AEX 536.5BS OPENB	EUR	0,9610	1,4950	0,8510	139693,4000	23	1,4950	140025				
Certificate	NL0013009368	AEX 536.5TS OPENB	EUR	1,5430	1,9670	1,5380	12091,8000	5	1,9420	6940				
Certificate	NL0013080245	AEX 536.8TRSOPENH	EUR	0,9700	1,4500	0,9200	378,0000	2	1,4500	400				
Certificate	LU1840973975	AEX 537.3TPIOPENS	EUR	1,1100	1,5000	0,9400	1393,5000	7	1,5000	1350				
Certificate	NL0013080237	AEX 537.3TRSOPENH	EUR	1,1200	1,5100	0,9500	51862,5000	13	1,5100	52368				
Certificate	NL0013081250	AEX 537.4TS OPENH	EUR	1,7300	2,1200	1,5700	15257,0000	4	2,1200	8900				
Certificate	DE000VA71QC4	AEX 537.4TS OPENV	EUR	1,5570	1,5570	1,5570			1,5570					
Certificate	NL0013008360	AEX 537.5BS OPENB	EUR	1,2110	1,5950	1,0010	26788,9200	10	1,5950	23720				
Certificate	NL0013009376	AEX 537.5TS OPENB	EUR	1,6540	2,0430	1,6490	1788,1500	4	2,0430	1000				
Certificate	NL0013080229	AEX 537.8TRSOPENH	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	DE000CJ3N7Y8	AEX 537.9TS OPENZ	EUR											
Certificate	NL0013080211	AEX 538.3TRSOPENH	EUR	1,0500	1,6000	1,0400	33450,0000	7	1,6000	30000				
Certificate	NL0013081243	AEX 538.4TS OPENH	EUR	1,7200	2,2800	1,7200	2624,0000	2	2,2300	1200				
Certificate	DE000VA71QD2	AEX 538.4TS OPENV	EUR	1,6540	1,6540	1,6540			1,6540					
Certificate	NL0013008378	AEX 538.5BS OPENB	EUR	1,6950	1,6950	1,6950			1,6950					
Certificate	LU1840974197	AEX 538.5TPIOPENS	EUR	1,0700	1,6200	1,0200	1112,5000	6	1,6200	1000				
Certificate	NL0013009384	AEX 538.5TS OPENB	EUR	1,7250	2,1440	1,7250	862,5000	1	2,1440	500				
Certificate	NL0013080203	AEX 538.8TRSOPENH	EUR	1,2900	1,6500	1,2900	645,0000	1	1,6500	500				
Certificate	NL0013080195	AEX 539.3TRSOPENH	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	NL0013081235	AEX 539.4TS OPENH	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	DE000VA71QE0	AEX 539.4TS OPENV	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	NL0013008386	AEX 539.5BS OPENB	EUR	1,2900	1,8850	1,2860	4797,5000	5	1,7950	3000				
Certificate	NL0013007073	AEX 539.5TS OPENB	EUR	1,8280	2,2370	1,7320	47419,2000	13	2,2370	25600				
Certificate	NL0013080187	AEX 539.8TRSOPENH	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	DE000CJ3N385	AEX 539.8TS OPENZ	EUR	1,3800	1,7640	1,1900	126203,8500	34	1,7640	89235				
Certificate	NL0013080179	AEX 540.3TRSOPENH	EUR	1,8100	1,8100	1,8100			1,8100					
Certificate	NL0013081227	AEX 540.4TS OPENH	EUR	2,0000	2,4100	1,9000	4050,0000	4	2,4100	2000				
Certificate	DE000VA71QF7	AEX 540.4TS OPENV	EUR	1,8470	1,8470	1,8470			1,8470					
Certificate	NL0013008394	AEX 540.5BS OPENB	EUR	1,5090	1,8950	1,5090	1207,2000	1	1,8950	800				
Certificate	NL0013007099	AEX 540.5TS OPENB	EUR	1,9580	2,4030	1,9580	2815,4000	3	2,3380	1300				
Certificate	NL0013080161	AEX 540.8TRSOPENH	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	NL0013080153	AEX 541.3TRSOPENH	EUR	1,5100	1,9100	1,5100	660,0600	2	1,9100	386				
Certificate	NL0013079940	AEX 541.4TS OPENH	EUR	2,1500	2,5100	2,0300	8598,0000	5	2,5100	3800				
Certificate	DE000VA71QG5	AEX 541.4TS OPENV	EUR	1,9440	1,9440	1,9440			1,9440					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013008402	AEX 541.5BS OPENB	EUR	1,4560	1,9950	1,4160	13082,6000	6	1,9950	7900				
Certificate	NL0013007115	AEX 541.5TS OPENB	EUR	2,4990	2,4990	2,4390	999,6000	1	2,4390	400				
Certificate	LU1841095497	AEX 541.7TPIOPENS	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	NL0013080146	AEX 541.8TRSOPENH	EUR	1,5600	2,0000	1,3400	198555,0600	71		127273				
Certificate	NL0013006380	AEX 541.9TS OPENB	EUR	2,4860	2,4860	2,4860			2,4860					
Certificate	DE000CJ3N7Z5	AEX 541.9TS OPENZ	EUR	1,9740	1,9740	1,9740			1,9740					
Certificate	NL0013080138	AEX 542.3TRSOPENH	EUR	1,6300	1,9900	1,5200	24221,5000	4	1,9900	15050				
Certificate	NL0013006398	AEX 542.4TS OPENB	EUR	2,1430	2,5370	2,1430	321,4500	1	2,5370	150				
Certificate	NL0013079932	AEX 542.4TS OPENH	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	DE000VA71QH3	AEX 542.4TS OPENV	EUR	2,0410	2,0410	2,0410			2,0410					
Certificate	NL0013008410	AEX 542.5BS OPENB	EUR	1,5960	2,0950	1,5710	13782,0000	6	2,0950	8400				
Certificate	NL0013080120	AEX 542.8TRSOPENH	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	NL0013006406	AEX 542.9TS OPENB	EUR	2,2180	2,5870	2,2180	2925,6000	3	2,5870	1200				
Certificate	NL0013080112	AEX 543.3TRSOPENH	EUR	1,7100	2,0900	1,7100	1355,5000	2	2,0900	675				
Certificate	NL0013079015	AEX 543.4TS OPENH	EUR	2,2800	2,7200	2,2800	627,0000	1	2,7200	275				
Certificate	DE000VA71QJ9	AEX 543.4TS OPENV	EUR	2,1370	2,1370	2,1370			2,1370					
Certificate	NL0013008428	AEX 543.5BS OPENB	EUR	1,8100	2,2990	1,5500	48734,0300	211	2,1940	27449				
Certificate	NL0013080104	AEX 543.8TRSOPENH	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	NL0013006414	AEX 543.9TS OPENB	EUR	2,2590	2,6880	2,2540	961,4000	2	2,6880	400				
Certificate	DE000CJ3N708	AEX 543.9TS OPENZ	EUR	2,1690	2,1690	2,1690			2,1690					
Certificate	LU1840959552	AEX 544.3TPIOPENS	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	NL0013080096	AEX 544.3TRSOPENH	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	NL0013079007	AEX 544.4TS OPENH	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	DE000VA71QK7	AEX 544.4TS OPENV	EUR	2,2340	2,2340	2,2340			2,2340					
Certificate	NL0013008436	AEX 544.5BS OPENB	EUR	1,7640	2,2940	1,7640	2464,8000	3	2,2940	1200				
Certificate	NL0013080088	AEX 544.8TRSOPENH	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	NL0013006422	AEX 544.9TS OPENB	EUR	2,3630	2,7880	2,3580	1026,2000	2	2,7880	400				
Certificate	LU1840909888	AEX 545.3TPIOPENS	EUR	2,2800	2,2800	2,2800			2,2800					
Certificate	NL0013079478	AEX 545.3TRSOPENH	EUR	2,2600	2,4100	2,2600	162350,0000	29	2,3000	70000				
Certificate	NL0013078991	AEX 545.4TS OPENH	EUR	2,4800	2,9800	2,4200	12622,5000	8	2,9200	4500				
Certificate	DE000VA71QL5	AEX 545.4TS OPENV	EUR	2,3310	2,3310	2,3310			2,3310					
Certificate	NL0013006828	AEX 545.5BS OPENB	EUR	2,0210	2,3900	2,0210	1010,5000	1	2,3900	500				
Certificate	DE000CJ3NOP1	AEX 545.7TS OPENZ	EUR	1,8130	2,3460	1,8100	358,6800	2	2,3460	198				
Certificate	NL0013079460	AEX 545.8TRSOPENH	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	NL0013006430	AEX 545.9TS OPENB	EUR	2,8890	2,8890	2,8890			2,8890					
Certificate	NL0013079452	AEX 546.3TRSOPENH	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	NL0013078983	AEX 546.4TS OPENH	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	NL0013006844	AEX 546.5BS OPENB	EUR	2,0210	2,4900	2,0160	28950,7000	2	2,4900	13400				
Certificate	DE000VA7TD28	AEX 546.5TS OPENV	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	LU1840959636	AEX 546.8TPIOPENS	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	NL0013079445	AEX 546.8TRSOPENH	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	NL0013006067	AEX 546.9BS OPENB	EUR	2,5350	2,5350	2,5350			2,5350					
Certificate	NL0013005291	AEX 546.9TS OPENB	EUR	2,7770	3,0620	2,7770	6472,6000	2	2,9870	2300				
Certificate	NL0013079437	AEX 547.3TRSOPENH	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	NL0013006075	AEX 547.4BS OPENB	EUR	2,0160	2,5850	2,0110	423,3600	1	2,5850	210				
Certificate	NL0013005309	AEX 547.4TS OPENB	EUR	2,6440	3,0380	2,5540	146304,0100	10	3,0380	56000				
Certificate	NL0013078975	AEX 547.4TS OPENH	EUR	3,1300	3,1300	3,1300			3,1300					
Certificate	DE000VA7TBF4	AEX 547.5TS OPENV	EUR	2,5170	2,5170	2,5170			2,5170					
Certificate	LU1840959719	AEX 547.6TPIOPENS	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	DE000CJ3NOQ9	AEX 547.7TS OPENZ	EUR	2,5430	2,5430	2,5430			2,5430					
Certificate	NL0013079429	AEX 547.8TRSOPENH	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	NL0013006083	AEX 547.9BS OPENB	EUR	2,6850	2,6850	2,6350	2685,0000	1	2,6350	1000				
Certificate	NL0013005317	AEX 547.9TS OPENB	EUR	3,0880	3,0880	3,0880			3,0880					
Certificate	NL0013078355	AEX 548.2TRSOPENH	EUR	2,0800	2,6400	2,0600	5206,5000	6	2,5900	2300				
Certificate	NL0013078967	AEX 548.4TS OPENH	EUR	2,8400	3,2200	2,8400	30300,0000	2	3,2200	10000				
Certificate	DE000VA7TBH0	AEX 548.5TS OPENV	EUR	2,6170	2,6170	2,6170			2,6170					
Certificate	NL0013078348	AEX 548.7TRSOPENH	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	NL0013006091	AEX 548.9BS OPENB	EUR	2,3190	2,7340	2,3190	1375,4500	2	2,7340	550				
Certificate	NL0013005325	AEX 548.9TS OPENB	EUR	3,1890	3,1890	3,1890			3,1890					
Certificate	LU1840909961	AEX 549.1TPIOPENS	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	NL0013078330	AEX 549.2TRSOPENH	EUR	2,6700	2,6700	2,6700			2,6700					
Certificate	NL0013078959	AEX 549.4TS OPENH	EUR	3,3300	3,3300	3,3300			3,3300					
Certificate	DE000VA7TBK4	AEX 549.5TS OPENV	EUR	2,7160	2,7160	2,7160			2,7160					
Certificate	NL0013078322	AEX 549.7TRSOPENH	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	DE000CJ3NOR7	AEX 549.7TS OPENZ	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	LU1840910035	AEX 549.8TPIOPENS	EUR	2,7300	2,7300	2,7300			2,7300					
Certificate	NL0013006109	AEX 549.9BS OPENB	EUR	2,4170	2,9290	2,2000	76803,0800	52	2,8340	31760				
Certificate	NL0013005333	AEX 549.9TS OPENB	EUR	3,0090	3,2890	3,0090	6018,0000	1	3,2890	2000				
Certificate	NL0013078314	AEX 550.2TRSOPENH	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	NL0013078942	AEX 550.4TS OPENH	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	DE000VA7TBM0	AEX 550.5TS OPENV	EUR	2,8160	2,8160	2,8160			2,8160					
Certificate	LU1840910118	AEX 550.6TPIOPENS	EUR	2,8100	2,8100	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	NL0013078306	AEX 550.7TRSOPENH	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	NL0013005010	AEX 550.9BS OPENB	EUR	2,5540	2,9290	2,5540	4131,0000	2	2,9290	1500				
Certificate	NL0013005341	AEX 550.9TS OPENB	EUR	2,8110	3,3900	2,8110	12684,4000	3	3,3900	4400				
Certificate	NL0013078298	AEX 551.2TRSOPENH	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	NL0013005028	AEX 551.4BS OPENB	EUR	2,9790	2,9790	2,9790			2,9790					
Certificate	NL0012907802	AEX 551.4TS OPENH	EUR	3,1400	3,5100	3,1400	6280,0000	1	3,5100	2000				
Certificate	LU1840910209	AEX 551.5TPIOPENS	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	DE000VA77BN8	AEX 551.5TS OPENV	EUR	2,9160	2,9160	2,9160			2,9160					
Certificate	NL0013078280	AEX 551.7TRSOPENH	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	DE000CJ3N055	AEX 551.7TS OPENZ	EUR	2,9380	2,9380	2,9380			2,9380					
Certificate	NL0013005036	AEX 551.9BS OPENB	EUR	3,0290	3,0290	3,0290			3,0290					
Certificate	NL0013005358	AEX 551.9TS OPENB	EUR	2,9520	3,4910	2,9520	2385,6000	2	3,4910	750				
Certificate	NL0013078272	AEX 552.2TRSOPENH	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	LU1840910381	AEX 552.5TPIOPENS	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	DE000VA77BP3	AEX 552.5TS OPENV	EUR	3,0160	3,0160	3,0160			3,0160					
Certificate	NL0013078264	AEX 552.7TRSOPENH	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	NL0013005044	AEX 552.9BS OPENB	EUR	3,1290	3,1290	3,1290			3,1290					
Certificate	NL0013005366	AEX 552.9TS OPENB	EUR	3,5920	3,5920	3,5920			3,5920					
Certificate	NL0013078256	AEX 553.2TRSOPENH	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	NL0013078934	AEX 553.4TS OPENH	EUR	3,7300	3,7300	3,7300			3,7300					
Certificate	DE000VA77BR9	AEX 553.5TS OPENV	EUR	3,1160	3,1160	3,1160			3,1160					
Certificate	DE000CV889P6	AEX 553.6TS OPENZ	EUR	3,1230	3,1230	3,1230			3,1230					
Certificate	NL0012995278	AEX 553.7BS OPENB	EUR	2,8060	3,2140	2,8060	2,8100	1	3,2140	1				
Certificate	NL0012896997	AEX 553.7TRSOPENH	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	NL0012994958	AEX 553.9TS OPENB	EUR	4,0860	4,2660	4,0860	2043,0000	1	4,2660	500				
Certificate	NL0013005374	AEX 553.9TS OPENB	EUR	3,6930	3,6930	3,6930			3,6930					
Certificate	NL0012995286	AEX 554.2BS OPENB	EUR	2,8180	3,2640	2,8080	23024,0000	4	3,2640	8000				
Certificate	NL0012896989	AEX 554.2TRSOPENH	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	NL0012895908	AEX 554.4TS OPENH	EUR	3,6600	3,7900	3,6600	5545,0000	3	3,7900	1500				
Certificate	NL0012896971	AEX 554.7TRSOPENH	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	NL0012995294	AEX 555.2BS OPENB	EUR	2,8540	3,3630	2,8540	2371,7000	3	3,3630	800				
Certificate	LU1817216853	AEX 555.4TPIOPENS	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	NL0012895890	AEX 555.4TS OPENH	EUR	3,4800	3,8900	3,4800	870,0000	1	3,8900	250				
Certificate	DE000CV889Q4	AEX 555.6TS OPENZ	EUR	3,3210	3,3210	3,3210			3,3210					
Certificate	NL0012902571	AEX 555.7TRSOPENH	EUR	3,3300	3,3300	3,3300			3,3300					
Certificate	DE000VAGD7P4	AEX 555.7TS OPENV	EUR	2,7920	3,2120	2,6075	30705,6600	10	3,2120	11082				
Certificate	NL0012994974	AEX 555.9TS OPENB	EUR	4,1520	4,5020	4,1500	2904,7500	2	4,4700	663				
Certificate	NL0012995302	AEX 556.2BS OPENB	EUR	3,4630	3,4630	3,4630			3,4630					
Certificate	LU1817216937	AEX 556.2TPIOPENS	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	NL0012895270	AEX 556.5TRSOPENH	EUR	3,0200	3,4200	3,0200	7550,0000	2	3,4200	2500				
Certificate	DE000VAGD7R0	AEX 556.7TS OPENV	EUR	3,3120	3,3120	3,3120			3,3120					
Certificate	NL0012994610	AEX 557.2BS OPENB	EUR	3,5570	3,5570	3,5570			3,5570					
Certificate	LU1817217075	AEX 557.2TPIOPENS	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	NL0012900823	AEX 557.3TRSOPENH	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	NL0012895874	AEX 557.4TS OPENH	EUR	4,1100	4,1100	4,1100			4,1100					
Certificate	DE000VAGD7T6	AEX 557.7TS OPENV	EUR	3,4120	3,4120	3,4120			3,4120					
Certificate	DE000CJ3NX05	AEX 557.7TS OPENZ	EUR	3,5360	3,5360	3,5360			3,5360					
Certificate	NL0012994990	AEX 557.9TS OPENB	EUR	4,6730	4,6730	4,6730			4,6730					
Certificate	NL0012994628	AEX 558.2BS OPENB	EUR	3,6570	3,6570	3,6570			3,6570					
Certificate	LU1817217158	AEX 558.3TPIOPENS	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	NL0012906283	AEX 558.3TRSOPENH	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	NL0012903744	AEX 558.4TS OPENH	EUR	4,2100	4,2100	4,2100			4,2100					
Certificate	DE000VAGD7V2	AEX 558.7TS OPENV	EUR	2,9600	3,5120	2,9600	22225,6800	19	3,5120	7300				
Certificate	NL0012995005	AEX 558.9TS OPENB	EUR	4,7750	4,7750	4,7750			4,7750					
Certificate	NL0012994636	AEX 559.2BS OPENB	EUR	3,3520	3,7560	3,1170	16715,4000	5	3,7560	5200				
Certificate	LU1817215533	AEX 559.2TPIOPENS	EUR	3,5200	3,5200	3,5200			3,5200					
Certificate	DE000CV888R4	AEX 559.5TS OPENZ	EUR	3,7130	3,7130	3,7130			3,7130					
Certificate	NL0012902563	AEX 559.7TRSOPENH	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	DE000VAGD7X8	AEX 559.7TS OPENV	EUR	3,6110	3,6110	3,6110			3,6110					
Certificate	NL0012995013	AEX 559.9TS OPENB	EUR	4,8760	4,8760	4,8760			4,8760					
Certificate	NL0012994644	AEX 560.2BS OPENB	EUR	3,8560	3,8560	3,8560			3,8560					
Certificate	LU1817215616	AEX 560.2TPIOPENS	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	DE000CV88383	AEX 560.4TS OPENZ	EUR											
Certificate	NL0012895239	AEX 560.5TRSOPENH	EUR	3,4000	3,8700	3,2500	949,7500	6	3,8200	275				
Certificate	DE000VAGD7Z3	AEX 560.7TS OPENV	EUR	3,7110	3,7110	3,7110			3,7110					
Certificate	DE000CV8AGX2	AEX 561.1TL OPENZ	EUR											
Certificate	LU1817215707	AEX 561.3TPIOPENS	EUR	3,7200	3,7200	3,7200			3,7200					
Certificate	NL0013079700	AEX 561.3TRSOPENH	EUR	3,8800	3,8800	3,8800			3,8800					
Certificate	NL0012895213	AEX 561.5TRSOPENH	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	DE000CV888S2	AEX 561.5TS OPENZ	EUR	3,9110	3,9110	3,9110			3,9110					
Certificate	DE000VAGD5A0	AEX 561.7TS OPENV	EUR	3,6000	3,8060	3,6000	201,6000	1	3,8060	56				
Certificate	DE000CV88375	AEX 561.8TL 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	NL0012902555	AEX 562.2TRSOPENH	EUR	3,9800	3,9800	3,9800			3,9800					
Certificate	NL0012895841	AEX 562.4TS OPENH	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	LU1817215889	AEX 562.7TPIOPENS	EUR	3,8600	3,8600	3,8600			3,8600					
Certificate	DE000VAG0588	AEX 562.7TS OPENV	EUR	3,9060	3,9060	3,9060			3,9060					
Certificate	NL0012994461	AEX 562.8TS OPENB	EUR	5,1780	5,1780	5,1780			5,1780					
Certificate	NL0012938708	AEX 562.9TRSOPENH	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	NL0012989495	AEX 563.1BS OPENB	EUR	3,8410	4,1500	3,8410	9100,2700	3	4,1500	2220				
Certificate	NL0012994172	AEX 563.3TS OPENB	EUR	5,2250	5,2250	5,2250			5,2250					
Certificate	DE000CV8AYJ4	AEX 563.3TS OPENZ	EUR	3,6940	4,0880	3,6940	5541,0000	1	4,0880	1500				
Certificate	NL0012989503	AEX 563.6BS OPENB	EUR	4,2000	4,2000	4,2000			4,2000					
Certificate	NL0012902548	AEX 563.7TRSOPENH	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	DE000VAG05C6	AEX 563.7TS OPENV	EUR	4,0060	4,0060	4,0060			4,0060					
Certificate	NL0012994180	AEX 563.8TS OPENB	EUR	5,2760	5,2760	5,2760			5,2760					
Certificate	NL0012989511	AEX 564.1BS OPENB	EUR	4,2500	4,2500	4,2500			4,2500					
Certificate	LU1817128645	AEX 564.2TPIOPENS	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	NL0012938674	AEX 564.4TRSOPENH	EUR	4,2100	4,2100	4,2100			4,2100					
Certificate	NL0012988992	AEX 564.4TS OPENB	EUR	5,3330	5,3330	5,3330			5,3330					
Certificate	NL0012937825	AEX 564.5TS OPENH	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	NL0012989529	AEX 564.6BS OPENB	EUR	4,2990	4,2990	4,2990			4,2990					
Certificate	DE000VAG05D4	AEX 564.7TS OPENV	EUR	4,1060	4,1060	4,1060			4,1060					
Certificate	NL0012902530	AEX 565.2TRSOPENH	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	DE000CV8AX75	AEX 565.2TS OPENZ	EUR	4,2820	4,2820	4,2820			4,2820					
Certificate	NL0012989016	AEX 565.4TS OPENB	EUR	5,4340	5,4340	5,4340			5,4340					
Certificate	NL0012903736	AEX 565.4TS OPENH	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	NL0012989537	AEX 565.6BS OPENB	EUR	4,3990	4,3990	4,3990			4,3990					
Certificate	NL0012902522	AEX 565.7TRSOPENH	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	NL0012938633	AEX 566.4TRSOPENH	EUR	4,4100	4,4100	4,4100			4,4100					
Certificate	NL0012903728	AEX 566.4TS OPENH	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	NL0012989545	AEX 566.6BS OPENB	EUR	4,4980	4,4980	4,4980			4,4980					
Certificate	NL0012905913	AEX 567.2TRSOPENH	EUR	4,4900	4,4900	4,4900			4,4900					
Certificate	DE000CV8AX83	AEX 567.2TS OPENZ	EUR	4,4810	4,4810	4,4810			4,4810					
Certificate	LU1816981952	AEX 567.3TPIOPENS	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	NL0012989032	AEX 567.4TS OPENB	EUR	5,6380	5,6380	5,6380			5,6380					
Certificate	NL0012937445	AEX 567.6TRSOPENH	EUR	4,5100	4,5100	4,5100			4,5100					
Certificate	NL0012902514	AEX 568.2TRSOPENH	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	NL0012988810	AEX 568.5BS OPENB	EUR	4,6920	4,6920	4,6920			4,6920					
Certificate	NL0012937783	AEX 568.5TS OPENH	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	NL0012904213	AEX 568.6TRSOPENH	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	NL0012988562	AEX 568.8TS OPENB	EUR	5,7870	5,7870	5,7870			5,7870					
Certificate	LU1816980558	AEX 568.9TPIOPENS	EUR	4,3200	4,3200	4,3200			4,3200					
Certificate	NL0012860340	AEX 569.3TRSOPENH	EUR	4,3300	4,7500	4,1100	4941,3400	55	4,6800	1140				
Certificate	NL0012903710	AEX 569.4TS OPENH	EUR	5,3300	5,3300	5,3300			5,3300					
Certificate	DE000CV88722	AEX 569.5TS OPENZ	EUR	4,2650	4,7030	4,2650	426,5000	1	4,7030	100				
Certificate	LU1816980632	AEX 569.7TPIOPENS	EUR	4,4000	4,4000	4,4000			4,4000					
Certificate	NL0012901698	AEX 569.7TRSOPENH	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	NL0012849558	AEX 570.1TRSOPENH	EUR	4,7600	4,7600	4,7600			4,7600					
Certificate	NL0012792329	AEX 570.2TS OPENB	EUR	5,9270	5,9270	5,9270			5,9270					
Certificate	NL0012988596	AEX 570.3TS OPENB	EUR	5,9390	5,9390	5,9390			5,9390					
Certificate	NL0012792675	AEX 570.4BS OPENB	EUR	4,8850	4,8850	4,8850			4,8850					
Certificate	NL0012903702	AEX 570.4TS OPENH	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	NL0012586895	AEX 570.6TRSOPENH	EUR	4,8100	4,8100	4,8100			4,8100					
Certificate	NL0012849541	AEX 570.6TRSOPENH	EUR	4,8100	4,8100	4,8100			4,8100					
Certificate	NL0012791685	AEX 570.6TS OPENB	EUR	5,9730	5,9730	5,9730			5,9730					
Certificate	NL0012988604	AEX 570.8TS OPENB	EUR	5,9900	5,9900	5,9900			5,9900					
Certificate	NL0012849533	AEX 571.1TRSOPENH	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	NL0012262042	AEX 571.5TS OPENB	EUR	6,0510	6,0510	6,0510			6,0510					
Certificate	NL0012175699	AEX 571.6TRSOPENH	EUR	4,9300	4,9300	4,9300			4,9300					
Certificate	LU1816971136	AEX 572.2TPIOPENS	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	NL0012982946	AEX 572.2TS OPENB	EUR	6,1350	6,1350	6,1350			6,1350					
Certificate	NL0012903983	AEX 572.5TRSOPENH	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	NL0012535876	AEX 572.6TS OPENH	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	LU1816971219	AEX 573.2TPIOPENS	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	NL0012860316	AEX 573.2TRSOPENH	EUR	5,0700	5,0700	5,0700			5,0700					
Certificate	NL0012982953	AEX 573.2TS OPENB	EUR	6,2370	6,2370	6,2370			6,2370					
Certificate	DE000CV8AU03	AEX 573.3TS OPENZ	EUR	5,0860	5,0860	5,0860			5,0860					
Certificate	NL0012982672	AEX 573.6BS OPENB	EUR	5,2040	5,2040	5,2040			5,2040					
Certificate	NL0012860589	AEX 573.7TRSOPENH	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	NL0012982979	AEX 574.2TS OPENB	EUR	6,3380	6,3380	6,3380			6,3380					
Certificate	NL0012591036	AEX 574.5TRSOPENH	EUR	5,2100	5,2100	5,2100			5,2100					
Certificate	NL0012849525	AEX 574.5TRSOPENH	EUR	5,2200	5,2200	5,2200			5,2200					
Certificate	NL0012982680	AEX 574.6BS OPENB	EUR	5,3030	5,3030	5,3030			5,3030					
Certificate	NL0012982987	AEX 574.7TS OPENB	EUR	6,3890	6,3890	6,3890			6,3890					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CE6C6N4	AEX 574.8TS OPENZ	EUR	5,2330	5,2330	5,2330			5,2330					
Certificate	NL0012982698	AEX 575.1BS OPENB	EUR	5,3530	5,3530	5,3530			5,3530					
Certificate	NL0012982995	AEX 575.2TS OPENB	EUR	6,4390	6,4390	6,4390			6,4390					
Certificate	NL0012175681	AEX 575.3TRSOPENH	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	NL0012535868	AEX 575.5TS OPENH	EUR	5,9300	5,9300	5,9300			5,9300					
Certificate	NL0012982706	AEX 575.6BS OPENB	EUR	5,4030	5,4030	5,4030			5,4030					
Certificate	NL0012983233	AEX 575.7TS OPENB	EUR	6,4940	6,4940	6,4940			6,4940					
Certificate	NL0012910046	AEX 576.1TRSOPENH	EUR	5,3800	5,3800	5,3800			5,3800					
Certificate	NL0012903694	AEX 576.4TS OPENH	EUR	6,0300	6,0300	6,0300			6,0300					
Certificate	NL0012507156	AEX 576.5BS OPENB	EUR	4,9860	5,4900	4,9660	2460,1300	4	5,4900	475				
Certificate	NL0012904205	AEX 576.5TRSOPENH	EUR	5,4000	5,4000	5,4000			5,4000					
Certificate	DE000CE6F9P0	AEX 576.9TS OPENZ	EUR	5,4450	5,4450	5,4450			5,4450					
Certificate	NL0012983266	AEX 577.2TS OPENB	EUR	6,1970	6,7010	6,1970	19299,0000	3	6,6460	3000				
Certificate	NL0012863591	AEX 577.4TRSOPENH	EUR	5,4900	5,4900	5,4900			5,4900					
Certificate	NL0012982730	AEX 577.7BS OPENB	EUR	5,6060	5,6060	5,6060			5,6060					
Certificate	NL0012582019	AEX 577.8TRSOPENH	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	NL0012212971	AEX 577.9TS OPENH	EUR	6,1700	6,1700	6,1700			6,1700					
Certificate	NL0012910038	AEX 578.6TRSOPENH	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	DE000CE6F9Q8	AEX 578.9TS OPENZ	EUR	5,6440	5,6440	5,6440			5,6440					
Certificate	NL0013078926	AEX 579.4TS OPENH	EUR	6,3600	6,3600	6,3600			6,3600					
Certificate	NL0012905541	AEX 579.5TRSOPENH	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	NL0012861934	AEX 580.1TRSOPENH	EUR	5,7900	5,8200	5,7400	11610,0000	2	5,7400	2000				
Certificate	NL0012551626	AEX 580.2TS OPENH	EUR	6,4200	6,4200	6,4200			6,4200					
Certificate	NL0012501738	AEX 580.9TS OPENB	EUR	6,5670	7,0110	6,5670	345,8900	2	7,0110	51				
Certificate	DE000CE6F9R6	AEX 580.9TS OPENZ	EUR	5,8440	5,8440	5,8440			5,8440					
Certificate	NL0012527030	AEX 581.1TRSOPENH	EUR	5,8600	5,8600	5,8600			5,8600					
Certificate	NL0012987804	AEX 581.3TS OPENB	EUR	7,0630	7,0630	7,0630			7,0630					
Certificate	NL0012862700	AEX 581.8TRSOPENH	EUR	5,9100	5,9100	5,9100			5,9100					
Certificate	NL0012312102	AEX 582.6TS OPENH	EUR	6,6600	6,6600	6,6600			6,6600					
Certificate	DE000CV88NYS	AEX 582.7TS OPENZ	EUR											
Certificate	NL0013084163	AEX 582.8TRSOPENH	EUR	6,0300	6,0300	6,0300			6,0300					
Certificate	DE000CE6C816	AEX 582.8TS OPENZ	EUR	6,0300	6,0300	6,0300			6,0300					
Certificate	NL0012265425	AEX 583.3BS OPENB	EUR	5,8030	6,1670	5,7930	1160,6000	1	6,1670	200				
Certificate	NL0012907265	AEX 583.4TRSOPENH	EUR	6,0700	6,0700	6,0700			6,0700					
Certificate	NL0012903686	AEX 583.4TS OPENH	EUR	6,7400	6,7400	6,7400			6,7400					
Certificate	NL0012862692	AEX 584.2TRSOPENH	EUR	6,1700	6,1700	6,1700			6,1700					
Certificate	NL0011589312	AEX 584.2TRSOPENH	EUR	6,1600	6,1600	6,1600			6,1600					
Certificate	LU1756867971	AEX 584.3TPIOPENS	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	LU1757004632	AEX 584.7TPIOPENS	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	DE000CE6F9S4	AEX 584.9TS OPENZ	EUR	6,2430	6,2430	6,2430			6,2430					
Certificate	NL0012551600	AEX 585.1TS OPENH	EUR	6,9200	6,9200	6,9200			6,9200					
Certificate	NL0012903967	AEX 585.5TRSOPENH	EUR	6,3000	6,3000	6,3000			6,3000					
Certificate	NL0012307292	AEX 585.5TS OPENH	EUR	6,9400	6,9400	6,9400			6,9400					
Certificate	LU1756868276	AEX 586.1TPIOPENS	EUR	5,0400	5,0400	5,0400			5,0400					
Certificate	NL0012174106	AEX 586.2TS OPENH	EUR	7,0300	7,0300	7,0300			7,0300					
Certificate	LU1757004806	AEX 586.3TPIOPENS	EUR	5,1200	5,1200	5,1200			5,1200					
Certificate	NL0012545784	AEX 586.9TRSOPENH	EUR	6,4300	6,4300	6,4300			6,4300					
Certificate	DE000CE6F9T2	AEX 586.9TS OPENZ	EUR	6,4420	6,4420	6,4420			6,4420					
Certificate	LU1790568288	AEX 587.2TPIOPENS	EUR	5,6800	5,6800	5,6800			5,6800					
Certificate	LU1757005019	AEX 587.2TPIOPENS	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	NL0012892459	AEX 587.5TRSOPENH	EUR	6,4800	6,4800	6,4800			6,4800					
Certificate	NL0012305759	AEX 588.3TS OPENH	EUR	7,2400	7,2400	7,2400			7,2400					
Certificate	NL0012609424	AEX 588.7TS OPENH	EUR	7,2800	7,2800	7,2800			7,2800					
Certificate	DE000CE6F9U0	AEX 588.9TS OPENZ	EUR	6,6410	6,6410	6,6410			6,6410					
Certificate	NL0012907257	AEX 589.4TRSOPENH	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	LU1790508037	AEX 589.7TPIOPENS	EUR	5,9100	5,9100	5,9100			5,9100					
Certificate	NL0012178487	AEX 590.1TS OPENH	EUR	7,4000	7,4000	7,4000			7,4000					
Certificate	NL0012594055	AEX 590.4TRSOPENH	EUR	6,7800	6,7800	6,7800			6,7800					
Certificate	NL0012537591	AEX 590.7TRSOPENH	EUR	6,8100	6,8100	6,8100			6,8100					
Certificate	NL0013078249	AEX 590.7TRSOPENH	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	DE000CE6CGN4	AEX 590.8TS OPENZ	EUR	6,8300	6,8300	6,8300			6,8300					
Certificate	LU1756878747	AEX 591.4TPIOPENS	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	NL0012903678	AEX 591.4TS OPENH	EUR	7,5500	7,5500	7,5500			7,5500					
Certificate	NL0012934996	AEX 592.7TRSOPENH	EUR	7,0200	7,0200	7,0200			7,0200					
Certificate	LU1790508383	AEX 592.9TPIOPENS	EUR	6,2300	6,2300	6,2300			6,2300					
Certificate	NL0012924930	AEX 592.9TS OPENH	EUR	7,6900	7,6900	7,6900			7,6900					
Certificate	DE000CE6F9V8	AEX 592.9TS OPENZ	EUR	7,0430	7,0430	7,0430			7,0430					
Certificate	NL001257532	AEX 593.1TS OPENH	EUR	7,7300	7,7300	7,7300			7,7300					
Certificate	LU1756878820	AEX 593.9TPIOPENS	EUR	5,8200	5,8200	5,8200			5,8200					
Certificate	NL0012903959	AEX 594.4TRSOPENH	EUR	7,1900	7,1900	7,1900			7,1900					
Certificate	NL0012903660	AEX 594.4TS OPENH	EUR	7,8500	7,8500	7,8500			7,8500					
Certificate	DE000CE6F9W6	AEX 594.9TS OPENZ	EUR	7,2420	7,2420	7,2420			7,2420					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012560767	AEX 596.4TS OPENH	EUR	8,0600	8,0600	8,0600			8,0600					
Certificate	DE000VL5R652	AEX 596.4TS OPENV	EUR	4,8910	4,8910	4,8910			4,8910					
Certificate	LU1756879042	AEX 596.8TPIOPENS	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	LU1790568445	AEX 596.8TPIOPENS	EUR	6,6400	6,6400	6,6400			6,6400					
Certificate	DE000CE6F9X4	AEX 596.9TS OPENZ	EUR	7,4410	7,4410	7,4410			7,4410					
Certificate	NL0012903942	AEX 597.4TRSOPENH	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	DE000VL5R6T0	AEX 597.4TS OPENV	EUR	4,9900	4,9900	4,9900			4,9900					
Certificate	DE000VA15K12	AEX 598.3TS OPENV	EUR	6,5200	6,5200	6,5200			6,5200					
Certificate	DE000VL5R6U8	AEX 598.4TS OPENV	EUR	5,0900	5,0900	5,0900			5,0900					
Certificate	NL0012200141	AEX 598.6TS OPENH	EUR	8,2600	8,2600	8,2600			8,2600					
Certificate	NL0012849517	AEX 599.1TRSOPENH	EUR	7,6300	7,6300	7,6300			7,6300					
Certificate	DE000VA15K20	AEX 599.3TS OPENV	EUR	6,6200	6,6200	6,6200			6,6200					
Certificate	NL0012548663	AEX 599.4TRSOPENH	EUR	7,6600	7,6600	7,6600			7,6600					
Certificate	NL0012903652	AEX 599.4TS OPENH	EUR	8,3400	8,3400	8,3400			8,3400					
Certificate	DE000VL5R6V6	AEX 599.4TS OPENV	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	LU1790503665	AEX 599.8TPIOPENS	EUR	6,9000	6,9000	6,9000			6,9000					
Certificate	DE000VA15K38	AEX 600.3TS OPENV	EUR	6,7200	6,7200	6,7200			6,7200					
Certificate	NL0012559116	AEX 601.1TS OPENH	EUR	8,5400	8,5400	8,5400			8,5400					
Certificate	DE000CE6F9Y2	AEX 601.1TS OPENZ	EUR	7,8660	7,8660	7,8660			7,8660					
Certificate	NL0012860266	AEX 601.3TRSOPENH	EUR	7,8500	7,8500	7,8500			7,8500					
Certificate	NL0013003775	AEX 601.3TS OPENB	EUR	8,0670	8,4860	8,0620	4862,3500	3	8,4860	600				
Certificate	DE000VA15PR1	AEX 601.9TS OPENV	EUR	6,9100	6,9100	6,9100			6,9100					
Certificate	NL0012903645	AEX 602.4TS OPENH	EUR	8,6600	8,6600	8,6600			8,6600					
Certificate	DE000VA15PS9	AEX 602.9TS OPENV	EUR	7,0100	7,0100	7,0100			7,0100					
Certificate	DE000CE6F9Z9	AEX 603.1TS OPENZ	EUR	8,0650	8,0650	8,0650			8,0650					
Certificate	LU1790568791	AEX 603.4TPIOPENS	EUR	7,2900	7,2900	7,2900			7,2900					
Certificate	NL0012203913	AEX 603.4TRSOPENH	EUR	8,0600	8,0600	8,0600			8,0600					
Certificate	DE000VA15PT7	AEX 603.9TS OPENV	EUR	7,1000	7,1000	7,1000			7,1000					
Certificate	NL0012904643	AEX 604.6TRSOPENH	EUR	8,1700	8,1700	8,1700			8,1700					
Certificate	NL0012927214	AEX 604.8TS OPENH	EUR	8,9100	8,9100	8,9100			8,9100					
Certificate	DE000CE6FA00	AEX 605.1TS OPENZ	EUR	8,2640	8,2640	8,2640			8,2640					
Certificate	DE000VA15QT5	AEX 605.4TS OPENV	EUR	7,3000	7,3000	7,3000			7,3000					
Certificate	NL0012904635	AEX 605.6TRSOPENH	EUR	8,2800	8,2800	8,2800			8,2800					
Certificate	DE000VA4YQX2	AEX 605.7TS OPENV	EUR	7,7200	7,7200	7,7200			7,7200					
Certificate	DE000VA15QV1	AEX 606.4TS OPENV	EUR	7,4000	7,4000	7,4000			7,4000					
Certificate	DE000VA4YQY0	AEX 606.7TS OPENV	EUR	7,8200	7,8200	7,8200			7,8200					
Certificate	NL0012851166	AEX 606.9TS OPENH	EUR	9,1100	9,1100	9,1100			9,1100					
Certificate	NL0012864003	AEX 607.3TRSOPENH	EUR	8,4500	8,4500	8,4500			8,4500					
Certificate	NL0013003783	AEX 607.3TS OPENB	EUR	9,0850	9,0850	9,0850			9,0850					
Certificate	DE000VA4YQZ7	AEX 607.7TS OPENV	EUR	7,9200	7,9200	7,9200			7,9200					
Certificate	NL0011047618	AEX 608.8TS OPENH	EUR	9,3100	9,3100	9,3100			9,3100					
Certificate	DE000CE6FA18	AEX 609.1TS OPENZ	EUR	8,6670	8,6670	8,6670			8,6670					
Certificate	DE000VA4YSH1	AEX 609.3TS OPENV	EUR	8,0900	8,0900	8,0900			8,0900					
Certificate	LU1790508540	AEX 609.6TPIOPENS	EUR	7,8900	7,8900	7,8900			7,8900					
Certificate	NL0013078231	AEX 609.7TRSOPENH	EUR	8,6900	8,6900	8,6900			8,6900					
Certificate	LU1612676780	AEX 609.8TPIOPENS	EUR											
Certificate	DE000VA4YSJ7	AEX 610.3TS OPENV	EUR	8,1800	8,1800	8,1800			8,1800					
Certificate	NL0012523534	AEX 610.6TS OPENH	EUR	9,5000	9,5000	9,5000			9,5000					
Certificate	DE000CE6FA26	AEX 611.1TS OPENZ	EUR	8,8660	8,8660	8,8660			8,8660					
Certificate	DE000VA4YWU6	AEX 612.1TS OPENV	EUR	8,3900	8,3900	8,3900			8,3900					
Certificate	NL0012237655	AEX 612.3TRSOPENH	EUR	8,7500	8,9500	8,7500	35,0000	1	8,9500	4				
Certificate	DE000VA4Y1Q2	AEX 612.8TS OPENV	EUR	8,5800	8,5800	8,5800			8,5800					
Certificate	DE000CE6FA34	AEX 613.1TS OPENZ	EUR	9,0650	9,0650	9,0650			9,0650					
Certificate	NL0012892442	AEX 614.8TRSOPENH	EUR	9,1900	9,1900	9,1900			9,1900					
Certificate	DE000CE6CXY6	AEX 615.1TS OPENZ	EUR	9,2650	9,2650	9,2650			9,2650					
Certificate	NL0013003791	AEX 615.2TS OPENB	EUR	9,8840	9,8840	9,8840			9,8840					
Certificate	NL0012903637	AEX 615.4TS OPENH	EUR	9,9800	9,9800	9,9800			9,9800					
Certificate	LU1695123965	AEX 616.3TPIOPENS	EUR											
Certificate	DE000CE6FA42	AEX 617.2TS OPENZ	EUR	9,4780	9,4780	9,4780			9,4780					
Certificate	NL0013078082	AEX 617.6TRSOPENH	EUR	9,4600	9,4600	9,4600			9,4600					
Certificate	NL0013078918	AEX 618.4TS OPENH	EUR	10,2900	10,2900	10,2900			10,2900					
Certificate	DE000CE6FA59	AEX 619.2TS OPENZ	EUR	9,6770	9,6770	9,6770			9,6770					
Certificate	NL0012602171	AEX 620.5TS OPENH	EUR	10,4800	10,4800	10,4800			10,4800					
Certificate	NL0012309462	AEX 620.8TRSOPENH	EUR	9,8000	9,8000	9,8000			9,8000					
Certificate	DE000CE6FA67	AEX 621.2TS OPENZ	EUR	9,8760	9,8760	9,8760			9,8760					
Certificate	DE000CE6EY37	AEX 623.1TS OPENZ	EUR	10,0660	10,0660	10,0660			10,0660					
Certificate	NL0012903629	AEX 623.4TS OPENH	EUR	10,7900	10,7900	10,7900			10,7900					
Certificate	DE000CE6FCH8	AEX 624.7TS OPENZ	EUR	10,2200	10,2200	10,2200			10,2200					
Certificate	NL0012905905	AEX 625.1TRSOPENH	EUR	10,2300	10,2300	10,2300			10,2300					
Certificate	NL0013003809	AEX 625.1TS OPENB	EUR	10,8830	10,8830	10,8830			10,8830					
Certificate	NL0012212948	AEX 626.2TS OPENH	EUR	10,6700	11,0500	10,5800	159,1500	2	11,0500	15				
Certificate	DE000CE6FCJ4	AEX 626.7TS OPENZ	EUR	10,4190	10,4190	10,4190			10,4190					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013078074	AEX 627.6TRSOPENH	EUR	10,4600	10,4600	10,4600			10,4600					
Certificate	DE000CV4Z4G2	AEX 628.6TS OPENZ	EUR	10,6100	10,6100	10,6100			10,6100					
Certificate	NL0012903611	AEX 629.3TS OPENH	EUR	11,3900	11,3900	11,3900			11,3900					
Certificate	NL0013078066	AEX 629.6TRSOPENH	EUR	10,6600	10,6600	10,6600			10,6600					
Certificate	DE000CE6EZ28	AEX 630.7TS OPENZ	EUR	10,8260	10,8260	10,8260			10,8260					
Certificate	NL0012534473	AEX 631.4TRSOPENH	EUR	10,8400	10,8400	10,8400			10,8400					
Certificate	NL0013078900	AEX 632.4TS OPENH	EUR	11,7100	11,7100	11,7100			11,7100					
Certificate	DE000CV4Z5D6	AEX 632.7TS OPENZ	EUR	11,0190	11,0190	11,0190			11,0190					
Certificate	DE000CV4ZAT9	AEX 634.4TS OPENZ	EUR	11,1900	11,1900	11,1900			11,1900					
Certificate	NL0012562748	AEX 634.7TS OPENH	EUR	11,9200	11,9200	11,9200			11,9200					
Certificate	NL0013078058	AEX 635.6TRSOPENH	EUR	11,2600	11,2600	11,2600			11,2600					
Certificate	DE000CV4ZGV2	AEX 636.4TS OPENZ	EUR	11,3960	11,3960	11,3960			11,3960					
Certificate	NL0013078041	AEX 637.6TRSOPENH	EUR	11,4600	11,4600	11,4600			11,4600					
Certificate	NL0013003817	AEX 637.9TS OPENB	EUR	12,1820	12,1820	12,1820			12,1820					
Certificate	DE000CE6F2G4	AEX 638.8TS OPENZ	EUR	11,6290	11,6290	11,6290			11,6290					
Certificate	NL0012545776	AEX 639.3TRSOPENH	EUR	11,6400	11,6400	11,6400			11,6400					
Certificate	NL0012243075	AEX 639.8TS OPENH	EUR	12,4300	12,4300	12,4300			12,4300					
Certificate	DE000CV4Z8X9	AEX 640.4TS OPENZ	EUR	11,7930	11,7930	11,7930			11,7930					
Certificate	NL0013078223	AEX 641.6TRSOPENH	EUR	11,8800	11,8800	11,8800			11,8800					
Certificate	NL0012611842	AEX 642.3TS OPENH	EUR	12,6900	12,6900	12,6900			12,6900					
Certificate	DE000CV4ZGW0	AEX 642.4TS OPENZ	EUR	11,9980	11,9980	11,9980			11,9980					
Certificate	NL0013078033	AEX 643.6TRSOPENH	EUR	12,0600	12,0600	12,0600			12,0600					
Certificate	DE000CV4ZLK5	AEX 644.5TS OPENZ	EUR	12,2050	12,2050	12,2050			12,2050					
Certificate	NL0012920185	AEX 646.5TRSOPENH	EUR	12,3600	12,3600	12,3600			12,3600					
Certificate	DE000CE6F4L0	AEX 646.8TS OPENZ	EUR	12,4330	12,4330	12,4330			12,4330					
Certificate	NL0013084023	AEX 648.4TS OPENH	EUR	13,3800	13,3800	13,3800			13,3800					
Certificate	DE000CV4ZMT4	AEX 648.8TS OPENZ	EUR	12,6300	12,6300	12,6300			12,6300					
Certificate	NL0013078025	AEX 649.6TRSOPENH	EUR	12,6600	12,6600	12,6600			12,6600					
Certificate	NL0012308324	AEX 649.7TS OPENH	EUR	13,4600	13,4600	13,4600			13,4600					
Certificate	DE000CV4ZMU2	AEX 650.8TS OPENZ	EUR	12,8290	12,8290	12,8290			12,8290					
Certificate	NL0012523021	AEX 652.2TRSOPENH	EUR	12,9400	12,9400	12,9400			12,9400					
Certificate	DE000CV4ZP62	AEX 652.8TS OPENZ	EUR	13,0360	13,0360	13,0360			13,0360					
Certificate	NL0012849491	AEX 653.3TRSOPENH	EUR	13,0300	13,0300	13,0300			13,0300					
Certificate	NL0012557995	AEX 654.1TS OPENH	EUR	13,8800	13,8800	13,8800			13,8800					
Certificate	DE000CV4ZP70	AEX 654.8TS OPENZ	EUR	13,2350	13,2350	13,2350			13,2350					
Certificate	NL0013003825	AEX 655.7TS OPENB	EUR	13,9800	13,9800	13,9800			13,9800					
Certificate	NL0013084155	AEX 659.8TRSOPENH	EUR	13,7000	13,7000	13,7000			13,7000					
Certificate	NL0012543169	AEX 661.1TRSOPENH	EUR	13,8200	13,8200	13,8200			13,8200					
Certificate	NL0012308290	AEX 661.3TS OPENH	EUR	14,6100	14,6100	14,6100			14,6100					
Certificate	DE000CV88X09	AEX 662.8TS OPENZ	EUR	14,0360	14,0360	14,0360			14,0360					
Certificate	NL0011229281	AEX 670.1TS OPENH	EUR	15,5000	15,5000	15,5000			15,5000					
Certificate	DE000CV87MP7	AEX 670.8TS OPENZ	EUR	14,8350	14,8350	14,8350			14,8350					
Certificate	NL0013078017	AEX 675.5TRSOPENH	EUR	15,2600	15,2600	15,2600			15,2600					
Certificate	NL0012308274	AEX 676.8TS OPENH	EUR	15,8000	16,1900	15,7600	6473,6000	2	16,1900	410				
Certificate	DE000CV8AFE4	AEX 679.1TS OPENZ	EUR	15,6660	15,6660	15,6660			15,6660					
Certificate	NL0012308258	AEX 684.6TS OPENH	EUR	16,9600	16,9600	16,9600			16,9600					
Certificate	DE000CV88CK7	AEX 686.7TS OPENZ	EUR	16,4260	16,4260	16,4260			16,4260					
Certificate	NL0013078009	AEX 687.5TRSOPENH	EUR	16,4600	16,4600	16,4600			16,4600					
Certificate	NL0013077993	AEX 691.5TRSOPENH	EUR	16,8600	16,8600	16,8600			16,8600					
Certificate	NL0013078892	AEX 692.4TS OPENH	EUR	17,7800	17,7800	17,7800			17,7800					
Certificate	NL0012556500	AEX 696.9TRSOPENH	EUR	17,4100	17,4100	17,4100			17,4100					
Certificate	NL0012600100	AEX 700.9TS OPENH	EUR	18,6100	18,6100	18,6100			18,6100					
Certificate	NL0012431274	AEX 702.1TS OPENH	EUR	18,7300	18,7300	18,7300			18,7300					
Certificate	DE000CV88L37	AEX 703.2TS OPENZ	EUR	18,0770	18,0770	18,0770			18,0770					
Certificate	NL0013077985	AEX 703.5TRSOPENH	EUR	18,0600	18,0600	18,0600			18,0600					
Certificate	NL0013078884	AEX 712.4TS OPENH	EUR	19,8200	19,8200	19,8200			19,8200					
Certificate	NL0012916209	AEX 715.1TRSOPENH	EUR	19,2300	19,2300	19,2300			19,2300					
Certificate	NL0012523526	AEX 717.9TS OPENH	EUR	20,3300	20,3300	20,3300			20,3300					
Certificate	DE000CV88X17	AEX 719.3TS OPENZ	EUR	19,6800	19,6800	19,6800			19,6800					
Certificate	NL0012526396	AEX 722.4TS OPENH	EUR	20,7900	20,7900	20,7900			20,7900					
Certificate	NL0012527337	AEX 726.4TS OPENH	EUR	21,2100	21,2100	21,2100			21,2100					
Certificate	NL0013078876	AEX 732.4TS OPENH	EUR	21,8300	21,8300	21,8300			21,8300					
Certificate	DE000CV8A8W5	AEX 735.3TS OPENZ	EUR	21,2800	21,2800	21,2800			21,2800					
Certificate	NL0013078868	AEX 744.4TS OPENH	EUR	23,0600	23,0600	23,0600			23,0600					
Certificate	NL0012606479	AEX 750.7TS OPENH	EUR	23,6700	23,6700	23,6700			23,6700					
Certificate	NL0012551576	AEX 754.1TS OPENH	EUR	24,0200	24,0200	24,0200			24,0200					
Certificate	NL0012904569	AEX 763.3TS OPENH	EUR	24,9300	24,9300	24,9300			24,9300					
Certificate	NL0012851141	AEX 774.3TS OPENH	EUR	26,0400	26,0400	26,0400			26,0400					
Certificate	FR0013123270	AEX7S SHROPENS	EUR											
Certificate	DE000CE6BUC0	AEXG8 LEVOPENZ	EUR	10,9000	10,9000	10,9000			10,9000					
Certificate	DE000CE6BUE6	AEXG8 LEVOPENZ	EUR	12,7050	12,7050	12,7050			12,7050					
Certificate	DE000CN6JH55	AEXG8 LEVOPENZ	EUR	15,2350	15,2350	15,2350			15,2350					



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	DE000CE6BUD8	AEXG8 LEVOPENZ	EUR	12,2000	12,2000	12,2000			12,2000					
Certificate	DE000CNGJHT3	AEXG8 LEVOPENZ	EUR	1,4440	1,4440	1,2580	10241,9000	1	1,2580	7300				
Certificate	DE000CE6BUJ5	AEXG8 SHROPENZ	EUR	0,1790	0,1790	0,1790			0,1790					
Certificate	DE000CE6BUF3	AEXG8 SHROPENZ	EUR	6,4200	6,4200	6,4200			6,4200					
Certificate	DE000CE6BUG1	AEXG8 SHROPENZ	EUR	4,3580	4,3580	4,3580			4,3580					
Certificate	DE000CE6BUH9	AEXG8 SHROPENZ	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	NL0000838167	AFRIC PI OPENN	EUR	10,5300	10,8600	10,5300			10,8600					
Certificate	NL0012245369	AGEAS 36TS OPENH	EUR											
Certificate	NL0012538656	AGEAS 38TL OPENH	EUR	0,9900	1,0000	0,9900			1,0000					
Certificate	NL0009998855	AGEAS 0.93TL OPENB	EUR	4,5000	4,5300	4,5000			4,5300					
Certificate	NL0011041538	AGEAS 11.1TL OPENH	EUR	3,4800	3,4900	3,4800			3,4900					
Certificate	NL0011041520	AGEAS 15.3TL OPENH	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	NL0011041512	AGEAS 17.4TL OPENH	EUR	2,9000	2,9100	2,9000			2,9100					
Certificate	NL0011646880	AGEAS 18.5BL OPENB	EUR	26,3300	26,5500	26,3300			26,5500					
Certificate	NL0011041496	AGEAS 21.6TL OPENH	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	NL0011895131	AGEAS 22.7TL OPENH	EUR	2,4100	2,4200	2,4100			2,4200					
Certificate	NL0011041488	AGEAS 23.7TL OPENH	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	NL0011895115	AGEAS 24.8TL OPENH	EUR	2,2200	2,2300	2,2200			2,2300					
Certificate	NL0011895107	AGEAS 25.3TL OPENH	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	NL0011972369	AGEAS 26.9TL OPENH	EUR	2,0300	2,0400	2,0300			2,0400					
Certificate	NL0011993449	AGEAS 29.9TL OPENH	EUR	1,7500	1,7600	1,7500			1,7600					
Certificate	DE000CD63LD4	AGEAS 31.4TL OPENZ	EUR	13,2900	13,2900	13,2900			13,2900					
Certificate	NL0012048961	AGEAS 31.7TL OPENH	EUR	1,5800	1,5900	1,5800			1,5900					
Certificate	NL0012311708	AGEAS 33.5TL OPENH	EUR	1,4000	1,4100	1,4000			1,4100					
Certificate	NL0012365761	AGEAS 34.4TL OPENH	EUR	1,3200	1,3300	1,3200			1,3300					
Certificate	NL0012306468	AGEAS 35.1TL OPENH	EUR											
Certificate	NL0012367635	AGEAS 35.6TL OPENH	EUR	1,2100	1,2200	1,2100			1,2200					
Certificate	NL0012431506	AGEAS 36.5TL OPENH	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	NL0012582738	AGEAS 39.5TL OPENH	EUR	0,8600	0,8700	0,8600			0,8700					
Certificate	NL0012926885	AGEAS 41.5TL OPENH	EUR	0,6800	0,7300	0,6800	102,2000	1	0,6900	140				
Certificate	NL0012932305	AGEAS 43.5TL OPENH	EUR											
Certificate	NL0012906911	AGEAS 44.5TL OPENH	EUR											
Certificate	NL0013010614	AGEAS 45.3BS OPENB	EUR	1,2600	1,2600	1,0200			1,0200					
Certificate	NL0013084981	AGEAS 45.6TS OPENH	EUR	0,6400	0,6400	0,6200			0,6200					
Certificate	NL0012581839	AGEAS 47.3TS OPENH	EUR	0,8300	0,8300	0,8100			0,8100					
Certificate	NL0012524946	AGEAS 48.6TS OPENH	EUR	0,9700	0,9700	0,9600			0,9600					
Certificate	NL0010131561	AGEAS 5.88TL OPENB	EUR	40,5100	40,7500	40,5100			40,7500					
Certificate	NL0012555361	AGEAS 52.6TS OPENH	EUR	1,4200	1,4200	1,4000			1,4000					
Certificate	DE000CV892L9	AGEAS 56.6TS OPENZ	EUR	2,4350	2,4350	2,4350			2,4350					
Certificate	DE000CK6UYT8	AGEAS 9.38TL OPENZ	EUR	35,5050	35,5050	35,5050			35,5050					
Certificate	NL0010254314	AGEAS11.15TL OPENB	EUR	35,6600	35,9000	35,6600			35,9000					
Certificate	NL0010281358	AGEAS12.75TL OPENB	EUR	34,1900	34,4300	34,1900			34,4300					
Certificate	NL0010284295	AGEAS14.33TL OPENB	EUR	32,7400	32,9800	32,7400			32,9800					
Certificate	NL0010379285	AGEAS16.14TL OPENB	EUR	31,0800	31,3100	31,0800			31,3100					
Certificate	NL0010895819	AGEAS18.57TL OPENB	EUR	27,9200	28,1400	27,9200			28,1400					
Certificate	NL0010155628	AGEAS19.41TL OPENA	EUR											
Certificate	NL0010898904	AGEAS20.15TL OPENB	EUR	26,5100	26,7300	26,5100			26,7300					
Certificate	NL0011899984	AGEAS20.67BL OPENB	EUR	24,0700	24,2900	24,0700			24,2900					
Certificate	DE000CR4GVC7	AGEAS21.77TL OPENZ	EUR	22,9150	22,9150	22,9150			22,9150					
Certificate	NL0010913026	AGEAS22.22TL OPENB	EUR	24,6700	24,8900	24,6700			24,8900					
Certificate	NL0010926168	AGEAS24.34TL OPENB	EUR	22,7800	23,0000	22,7800			23,0000					
Certificate	NL0011636535	AGEAS24.95BL OPENB	EUR	19,8800	20,1000	19,8800			20,1000					
Certificate	DE000CR4J5T0	AGEAS25.92TL OPENZ	EUR	18,7600	18,7600	18,7600			18,7600					
Certificate	NL0011915970	AGEAS26.39TL OPENB	EUR	20,9600	21,1800	20,9600			21,1800					
Certificate	NL0000075752	AGEAS26.5.1TS OPENB	EUR	25,0550	25,0550	25,0350			25,0350					
Certificate	DE000CR6X825	AGEAS27.43TL OPENZ	EUR	17,2500	17,2500	17,2500			17,2500					
Certificate	NL0012030233	AGEAS28.42TL OPENB	EUR	19,1500	19,3700	19,1500			19,3700					
Certificate	DE000CV508W8	AGEAS29.38TL OPENZ	EUR	3,0650	3,0650	3,0650			3,0650					
Certificate	NL0012033310	AGEAS30.48TL OPENB	EUR	17,3200	17,5400	17,3200			17,5400					
Certificate	NL0012259394	AGEAS32.54TL OPENB	EUR	15,5000	15,7200	15,5000			15,7200					
Certificate	DE000CD640E9	AGEAS33.38TL OPENZ	EUR	11,3100	11,3100	11,3100			11,3100					
Certificate	DE000CE6DUW4	AGEAS35.36TL OPENZ	EUR	1,8650	1,8650	1,8650			1,8650					
Certificate	NL0012276745	AGEAS35.42BL OPENB	EUR	9,3200	9,5400	9,3200			9,5400					
Certificate	NL0012499578	AGEAS36.54TL OPENB	EUR	11,9300	12,1500	11,9300			12,1500					
Certificate	NL0012489090	AGEAS37.48BL OPENB	EUR	7,2600	7,4800	7,2600			7,4800					
Certificate	DE000CE6EYV6	AGEAS37.84TL OPENZ	EUR	1,3750	1,3750	1,3750			1,3750					
Certificate	NL0012693576	AGEAS38.54TL OPENB	EUR	10,1600	10,3800	10,1600			10,3800					
Certificate	NL0012774327	AGEAS39.51BL OPENB	EUR	5,2300	5,4500	5,2300			5,4500					
Certificate	DE000CV87QL7	AGEAS39.83TL OPENZ	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	NL0012785695	AGEAS40.54TL OPENB	EUR	8,3900	8,6100	8,3900			8,6100					
Certificate	NL0012979660	AGEAS41.52BL OPENB	EUR	3,2200	3,4400	3,2200			3,4400					
Certificate	DE000CV8A6M0	AGEAS41.82TL OPENZ	EUR	0,5950	0,5950	0,5950			0,5950					



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	NL0012984066	AGEAS42.53TL OPENB	EUR	6,6100	6,8300	6,6100			6,8300					
Certificate	DE000CJ3NTE5	AGEAS44.79TL OPENZ	EUR											
Certificate	NL0013009814	AGEAS46.69TS OPENB	EUR	9,0000	9,0000	8,7600			8,7600					
Certificate	NL0012676530	AGEAS48.29BS OPENB	EUR	4,2500	4,2500	4,0100			4,0100					
Certificate	NL0012984116	AGEAS48.61TS OPENB	EUR	11,1900	11,1900	10,9500			10,9500					
Certificate	NL0013002496	AGEAS50.65TS OPENB	EUR	13,5100	13,5100	13,2700			13,2700					
Certificate	NL0012788335	AGEAS51.25BS OPENB	EUR	7,2100	7,2100	6,7900	2040,0000	1	6,9700	300				
Certificate	DE000CV87580	AGEAS51.61TS OPENZ	EUR	1,4350	1,4350	1,4350			1,4350					
Certificate	NL0012983951	AGEAS54.23BS OPENB	EUR	10,1900	10,1900	9,9500			9,9500					
Certificate	NL0009066687	AGFA 1TL OPENB	EUR	3,2250	3,3550	3,2250			3,3550					
Certificate	NL0010001251	AGFA 1.2TL OPENB	EUR	2,8250	2,9350	2,8250			2,9350					
Certificate	NL0010280822	AGFA 1.4TL OPENB	EUR	2,6350	2,7450	2,6350			2,7450					
Certificate	NL0013010812	AGFA 3.6TL OPENB	EUR	0,5750	0,6850	0,5750			0,6850					
Certificate	NL0013010820	AGFA 3.7TL OPENB	EUR	0,4850	0,5950	0,4850			0,5950					
Certificate	DE000CJ3N1G8	AGFA 1.92TL OPENZ	EUR											
Certificate	NL0010895843	AGFA 1.98TL OPENB	EUR	2,1350	2,2450	2,1350			2,2450					
Certificate	DE000CV87257	AGFA 2.22TL OPENZ	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	NL0011090774	AGFA 2.26TL OPENB	EUR	1,8950	2,0050	1,8950			2,0050					
Certificate	DE000CN6G1K8	AGFA 2.43TL OPENZ	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	NL0011818141	AGFA 2.52TL OPENB	EUR	1,6650	1,7750	1,6650			1,7750					
Certificate	DE000CD61P28	AGFA 2.64TL OPENZ	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	NL0012020283	AGFA 2.78TL OPENB	EUR	1,4450	1,5550	1,4450			1,5550					
Certificate	DE000CD636Q1	AGFA 2.85TL OPENZ	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	NL0012776561	AGFA 2.89TL OPENB	EUR	1,2350	1,3450	1,2350			1,3450					
Certificate	NL0012792865	AGFA 2.99TL OPENB	EUR	1,1450	1,2550	1,1450			1,2550					
Certificate	DE000CV89FM4	AGFA 3.06TL OPENZ	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	NL0012794713	AGFA 3.08TL OPENB	EUR	1,0550	1,1650	1,0550			1,1650					
Certificate	NL0012974026	AGFA 3.19TL OPENB	EUR	0,9550	1,0650	0,9550			1,0650					
Certificate	NL0012976369	AGFA 3.29TL OPENB	EUR	0,8650	0,9750	0,8650			0,9750					
Certificate	DE000CJ3N8T6	AGFA 3.36TL OPENZ	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	NL0012976377	AGFA 3.39TL OPENB	EUR	0,7750	0,8850	0,7750			0,8850					
Certificate	NL0012991236	AGFA 3.49TL OPENB	EUR	0,6850	0,7950	0,6850			0,7950					
Certificate	DE000CV88255	AGFA 3.59TL OPENZ	EUR											
Certificate	DE000CJ3P8Z3	AGFA 3.66TL OPENZ	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	NL0013009822	AGFA 3.84TS OPENB	EUR											
Certificate	NL0013005481	AGFA 4.05TS OPENB	EUR	0,6550	0,6550	0,5450			0,5450					
Certificate	NL0012978688	AGFA 4.25TS OPENB	EUR	0,8750	0,8750	0,7650			0,7650					
Certificate	NL0012978696	AGFA 4.45TS OPENB	EUR	1,0950	1,0950	0,9850			0,9850					
Certificate	DE000CV89SQ8	AGFA 4.47TS OPENZ	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	NL0013000581	AGFA 4.65TS OPENB	EUR	1,3150	1,3150	1,2050			1,2050					
Certificate	DE000CV8AY58	AGFA 4.93TS OPENZ	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	NL0013008600	AGFA 3.118BL OPENB	EUR	0,8250	0,9350	0,8250			0,9350					
Certificate	NL0013006513	AGFA 3.118BL OPENB	EUR	0,6250	0,7350	0,6250			0,7350					
Certificate	NL0013006521	AGFA 3.518BL OPENB	EUR	0,4250	0,5350	0,4250			0,5350					
Certificate	NL0013011943	AGFA 3.718BL OPENB	EUR	0,2250	0,3350	0,2250			0,3350					
Certificate	NL0013006695	AGFA 3.941BS OPENB	EUR	0,1750	0,1750	0,1750			0,1750					
Certificate	NL0013006703	AGFA 4.341BS OPENB	EUR	0,5750	0,5750	0,4650			0,4650					
Certificate	DE000CV8AZK9	AGNIC26.37TL OPENZ	EUR	2,1850	2,1850	2,1850			2,1850					
Certificate	DE000CN6KWL7	AGNIC31.68TL OPENZ	EUR	1,3050	1,3050	1,3050			1,3050					
Certificate	DE000CE6BQU0	AHOLD LEVOPENZ	EUR	21,2000	21,2000	21,1700	848,0000	1	21,1700	40				
Certificate	DE000CE6BQK1	AHOLD SHROPENZ	EUR	12,6100	12,6100	12,6100			12,6100					
Certificate	NL0010113478	AHOLD 3TL OPENB	EUR	81,2250	81,2250	81,2250			81,2250					
Certificate	NL0009974658	AHOLD 6TL OPENB	EUR	14,3200	14,3200	14,3200			14,3200					
Certificate	NL0010895884	AHOLD 11TL OPENB	EUR	9,5300	9,6700	9,5300			9,6700					
Certificate	DE000CY519X0	AHOLD 12TL OPENC	EUR	8,4400	8,4400	8,4400			8,4400					
Certificate	DE000CY516B2	AHOLD 12TL OPENC	EUR	8,9500	8,9500	8,9500			8,9500					
Certificate	DE000CY519Y8	AHOLD 13TL OPENC	EUR	7,4200	7,4200	7,4200			7,4200					
Certificate	DE000CY516C0	AHOLD 13TL OPENC	EUR	7,9900	7,9900	7,9900			7,9900					
Certificate	DE000CY50L38	AHOLD 14TL OPENC	EUR	6,3900	6,3900	6,3900			6,3900					
Certificate	DE000CY50LU1	AHOLD 14TL OPENC	EUR	7,0100	7,0100	7,0100			7,0100					
Certificate	DE000CJ3NJF3	AHOLD 15TL 1218Z	EUR	0,9950	0,9950	0,9950			0,9950					
Certificate	DE000CX59K56	AHOLD 15TL OPENC	EUR	5,7500	5,7500	5,7500			5,7500					
Certificate	DE000CX59P10	AHOLD 15TL OPENC	EUR	6,4300	6,4300	6,4300			6,4300					
Certificate	DE000CQ5AXN1	AHOLD 15TL OPENC	EUR	5,9400	5,9400	5,9400			5,9400					
Certificate	DE000CQ5ANU7	AHOLD 15TL OPENC	EUR	4,9600	4,9600	4,9600			4,9600					
Certificate	DE000CY524H3	AHOLD 16TL OPENC	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	DE000CY523U8	AHOLD 16TL OPENC	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	DE000CY523E2	AHOLD 16TL OPENC	EUR	4,4100	4,4100	4,4100			4,4100					
Certificate	DE000VA7PWW4	AHOLD 17TL 0319V	EUR	3,0610	3,0610	3,0610			3,0610					
Certificate	DE000CV8ABE3	AHOLD 17TL 1218Z	EUR	0,5950	0,5950	0,5950			0,5950					
Certificate	DE000CQ5AOS3	AHOLD 17TL OPENC	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	DE000CY52B20	AHOLD 17TL OPENC	EUR	4,1900	4,1900	4,1900			4,1900					



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	DE000VA64033	AHOLD 18TL 0319V	EUR	2,0710	2,0710	2,0710			2,0710					
Certificate	DE000VAGT134	AHOLD 18TL 1218V	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	DE000CV8AP28	AHOLD 18TL 1218Z	EUR	0,3950	0,3950	0,3950								
Certificate	DE000CQ5A776	AHOLD 18TL OPENC	EUR	3,6400	3,6400	3,6400								
Certificate	DE000CQ5A552	AHOLD 18TL OPENC	EUR	2,4600	2,4600	2,4600								
Certificate	NL0012648380	AHOLD 19BOC1218Z	EUR	18,9400	18,9400	18,9400								
Certificate	NL0012648729	AHOLD 19BON0619Z	EUR	20,0450	20,0450	20,0450								
Certificate	NL0012648711	AHOLD 19BON1218Z	EUR	20,1550	20,1550	20,1550								
Certificate	DE000VA71X67	AHOLD 19TL 0319V	EUR	1,1750	1,1750	1,1750								
Certificate	DE000VA7TE15	AHOLD 19TL 0319V	EUR											
Certificate	DE000VA7TE26	AHOLD 19TL 1218V	EUR											
Certificate	DE000VA71X26	AHOLD 19TL 1218V	EUR	1,1390	1,1390	1,1390			1,1390					
Certificate	DE000CP06Z79	AHOLD 19TL OPENC	EUR											
Certificate	DE000CQ5AHB9	AHOLD 19TL OPENC	EUR	1,5700	1,5700	1,4700	157,0000	1	1,4700	100				
Certificate	DE000CQ5AJX9	AHOLD 19TL OPENC	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	NL0012648398	AHOLD 20BOC0619Z	EUR	19,5800	19,5800	19,5800			19,5800					
Certificate	DE000VA640Y7	AHOLD 20TS 0319V	EUR											
Certificate	DE000VAGED55	AHOLD 20TS 1218V	EUR											
Certificate	DE000CP06PC0	AHOLD 20TS OPENC	EUR											
Certificate	DE000CP06M66	AHOLD 20TS OPENC	EUR											
Certificate	NL0012795306	AHOLD 21BOC0319Z	EUR	20,1400	20,1400	20,1400				20,1400				
Certificate	DE000VA64009	AHOLD 21TS 0319V	EUR	1,3550	1,3550	1,3550								
Certificate	DE000VAGEDQ1	AHOLD 21TS 1218V	EUR	0,1325	0,1325	0,1325								
Certificate	DE000CP06KU3	AHOLD 21TS OPENC	EUR	1,3100	1,3100	1,3100								
Certificate	DE000CP06L42	AHOLD 21TS OPENC	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	DE000CJ3NL25	AHOLD 22TS 1218Z	EUR	0,4450	0,4450	0,4450								
Certificate	DE000CP06040	AHOLD 22TS OPENC	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	DE000CY52B46	AHOLD 22TS OPENC	EUR											
Certificate	DE000CQ5AS34	AHOLD 23TS OPENC	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	DE000CQ5AJY7	AHOLD 23TS OPENC	EUR	3,9900	3,9900	3,9900								
Certificate	DE000CJ3NJG1	AHOLD 24TS 1218Z	EUR	0,8450	0,8450	0,8450								
Certificate	DE000CQ5B253	AHOLD 24TS OPENC	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000CQ5BDR2	AHOLD 24TS OPENC	EUR	4,1700	4,1700	4,1700			4,1700					
Certificate	DE000CQ5AHC7	AHOLD 24TS OPENC	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	DE000CQ5BPL9	AHOLD 25TS OPENC	EUR	5,2200	5,2200	5,2200			5,2200					
Certificate	DE000CP06255	AHOLD 25TS OPENC	EUR	6,9400	6,9400	6,9400			6,9400					
Certificate	DE000CV8ABG8	AHOLD 26TS 1218Z	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	NL0010126751	AHOLD 3.6TL OPENB	EUR	78,8450	78,8450	78,8450			78,8450					
Certificate	NL0010123261	AHOLD 6.6TL OPENB	EUR	13,7800	13,7800	13,7800			13,7800					
Certificate	NL0010280368	AHOLD 7.5TL OPENB	EUR	12,9200	12,9200	12,9200			12,9200					
Certificate	NL0010877007	AHOLD 8.4TL OPENB	EUR	11,9900	12,1200	11,9900			12,1200					
Certificate	NL0010442299	AHOLD 9.6TL OPENB	EUR	10,9900	10,9900	10,9900			10,9900					
Certificate	NL0010899076	AHOLD 10.2TL OPENB	EUR	49,0650	49,6850	49,0650			49,6850					
Certificate	NL0010898912	AHOLD 11.6TL OPENB	EUR	8,9500	9,0800	8,9500			9,0800					
Certificate	DE000CE6EH61	AHOLD 11.6TL OPENZ	EUR	1,6650	1,6650	1,6650			1,6650					
Certificate	DE000CE6F2D1	AHOLD 12.1TL OPENZ	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	NL0010912150	AHOLD 12.2TL OPENB	EUR	8,4400	8,5700	8,4400			8,5700					
Certificate	NL0010914404	AHOLD 12.7TL OPENB	EUR	7,9500	8,0800	7,9500			8,0800					
Certificate	NL0010918538	AHOLD 13.2TL OPENB	EUR	7,4600	7,6600	7,4600	382,5000	1	7,5900	50				
Certificate	NL0011442231	AHOLD 13.4BL OPENB	EUR	6,4800	6,6200	6,4800			6,6200					
Certificate	NL0010921763	AHOLD 13.9TL OPENB	EUR	6,8800	7,0100	6,8800			7,0100					
Certificate	NL0011260500	AHOLD 14.1TL OPENB	EUR	31,8250	32,4350	31,8250			32,4350					
Certificate	NL0012497713	AHOLD 14.8TL OPENB	EUR	6,0000	6,1300	6,0000			6,1300					
Certificate	NL0012520340	AHOLD 14.9TL OPENH	EUR	5,8700	6,0300	5,8700			6,0300					
Certificate	DE000CE6EYU8	AHOLD 15.3TL OPENZ	EUR	0,9300	0,9300	0,9250	1395,0000	1	0,9250	1500				
Certificate	DE000CE6F4G0	AHOLD 15.8TL OPENZ	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	NL0012494488	AHOLD 16.6BOC1218B	EUR	16,5600	16,5600	16,5600			16,5600					
Certificate	NL0012685010	AHOLD 16.6TL OPENB	EUR	4,3800	4,6000	4,3800	5959,0000	3	4,5100	1300				
Certificate	DE000CV4VVR2	AHOLD 16.8TL OPENZ	EUR	0,6350	0,6350	0,6350			0,6350					
Certificate	NL0012236251	AHOLD 17.4BON1218Z	EUR	20,0000	20,0000	20,0000			20,0000					
Certificate	DE000VA64025	AHOLD 17.5TL 0319V	EUR	2,5620	2,5620	2,5620			2,5620					
Certificate	DE000VAGTX96	AHOLD 17.5TL 1218V	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	NL0012770721	AHOLD 17.5TL OPENB	EUR	3,5500	3,8200	3,5500	381,0000	1	3,6800	100				
Certificate	NL0012779466	AHOLD 18.3BL OPENB	EUR	1,6100	1,8200	1,6100	1633,0000	2	1,7400	900				
Certificate	NL0012779839	AHOLD 18.3TL OPENB	EUR	2,7400	2,9700	2,7400	3707,5000	2	2,8700	1250				
Certificate	DE000VA64041	AHOLD 18.5TL 0319V	EUR	1,6220	1,6220	1,6220			1,6220					
Certificate	DE000VAGED30	AHOLD 18.5TL 1218V	EUR	1,5870	1,5870	1,5870			1,5870					
Certificate	NL0012648935	AHOLD 19.5BOC1218Z	EUR	19,3900	19,3900	19,3900			19,3900					
Certificate	NL0012648943	AHOLD 20.5BOC0619Z	EUR	19,9500	19,9500	19,9500			19,9500					
Certificate	DE000VA64024	AHOLD 20.5TS 0319V	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	NL0012792972	AHOLD 20.8BOC1218B	EUR	20,3400	20,3700	20,3400			20,3700					
Certificate	DE000VA64017	AHOLD 21.5TS 0319V	EUR	1,8100	1,8100	1,8100			1,8100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012987937	AHOLD 21.7TS OPENB	EUR	3,7100	3,7100	3,5000	662,0500	5	3,5800	182				
Certificate	NL0012795652	AHOLD 23.5B0C0919Z	EUR	20,2100	20,2100	20,2100			20,2100					
Certificate	NL0011656608	AHOLD 23.7TS OPENB	EUR	5,9100	5,9100	5,7800			5,7800					
Certificate	NL0013002983	AHOLD 25.6TS OPENB	EUR	8,0100	8,0100	7,8800			7,8800					
Certificate	NL0011044201	AHOLD 9.87TL OPENH	EUR	10,5600	10,7200	10,5600			10,7200					
Certificate	NL0011044193	AHOLD11.99TL OPENH	EUR	8,5800	8,7400	8,5800			8,7400					
Certificate	NL0012273940	AHOLD12.36BL OPENB	EUR	7,5400	7,6700	7,5400			7,6700					
Certificate	DE000CE6DMK6	AHOLD12.61TL OPENZ	EUR	1,4650	1,4650	1,4650			1,4650					
Certificate	NL0011044185	AHOLD13.05TL OPENH	EUR	7,5900	7,7500	7,5900			7,7500					
Certificate	DE000CR4JDR7	AHOLD13.13TL OPENZ	EUR	3,2350	3,2350	3,2350			3,2350					
Certificate	DE000CC5KCK6	AHOLD13.47TL OPENC	EUR	7,2400	7,2400	7,2400			7,2400					
Certificate	DE000VL2FRN1	AHOLD13.59TL OPENV	EUR	6,7250	6,7250	6,7250			6,7250					
Certificate	DE000CR4H9M9	AHOLD13.61TL OPENZ	EUR	6,3200	6,3200	6,3200			6,3200					
Certificate	NL0011044177	AHOLD14.11TL OPENH	EUR	6,6100	6,7600	6,6100			6,7600					
Certificate	DE000CR4J5V6	AHOLD14.31TL OPENZ	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	DE000CR6XCT1	AHOLD14.39TL OPENZ	EUR	2,6350	2,6350	2,6350			2,6350					
Certificate	NL0011442249	AHOLD14.48BL OPENB	EUR	5,4000	5,5800	5,4000	1116,0000	1	5,5300	200				
Certificate	LU1574195100	AHOLD14.88TCIOPENS	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	DE000CC8A2Y4	AHOLD14.97TL OPENC	EUR	5,7100	5,7100	5,7100			5,7100					
Certificate	DE000VL2FV38	AHOLD15.11TL OPENV	EUR	5,1950	5,1950	5,1950			5,1950					
Certificate	NL0012501399	AHOLD15.25BL OPENB	EUR	4,6500	4,7800	4,6500			4,7800					
Certificate	DE000VL37ES4	AHOLD15.64TL OPENV	EUR	4,6920	4,6920	4,6920			4,6920					
Certificate	NL0012509020	AHOLD16.02BL OPENB	EUR	3,8900	4,0200	3,8900			4,0200					
Certificate	DE000VL37QV2	AHOLD16.14TL OPENV	EUR	4,1840	4,1840	4,1840			4,1840					
Certificate	NL0012538649	AHOLD16.27TL OPENH	EUR	4,6000	4,7500	4,6000			4,7500					
Certificate	LU1650853457	AHOLD16.42TCIOPENS	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	DE000VL5RW48	AHOLD16.66TL OPENV	EUR	3,6780	3,6780	3,6780			3,6780					
Certificate	NL0012685390	AHOLD16.78BL OPENB	EUR	3,1800	3,3100	3,1800	32600,0000	2	3,3100	10000				
Certificate	DE000VAGTXR5	AHOLD17.05TL OPENV	EUR	3,0850	3,0850	2,9640	154,2500	1	2,9640	50				
Certificate	DE000VL76E54	AHOLD17.21TL OPENV	EUR	3,1730	3,1730	3,1730			3,1730					
Certificate	NL0012583421	AHOLD17.27TL OPENH	EUR	3,6700	3,9500	3,6700	1975,0000	1	3,8200	500				
Certificate	DE000VA64XA9	AHOLD17.65TL OPENV	EUR	2,3650	2,3650	2,3650			2,3650					
Certificate	DE000VL76NPN9	AHOLD17.73TL OPENV	EUR	2,7230	2,7230	2,6680	631,7400	1	2,6680	232				
Certificate	DE000CV87RC4	AHOLD17.78TL OPENZ	EUR	0,4500	0,4500	0,4350	9,0000	1	0,4350	20				
Certificate	DE000VAGTXS3	AHOLD18.05TL OPENV	EUR	1,9630	1,9630	1,9630			1,9630					
Certificate	DE000VL8XJ51	AHOLD18.24TL OPENV	EUR	2,1640	2,1640	2,1640			2,1640					
Certificate	NL0012600886	AHOLD18.26TL OPENH	EUR	2,7400	2,9000	2,7400			2,9000					
Certificate	LU1817372987	AHOLD18.32TCIOPENS	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	LU1840350067	AHOLD18.64TCIOPENS	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	DE000VAGTXX1	AHOLD18.65TL OPENV	EUR	1,3620	1,3620	1,3620			1,3620					
Certificate	DE000CJ3N2Y9	AHOLD18.68TL OPENZ	EUR	0,2550	0,2550	0,2550			0,2550					
Certificate	DE000VL97TB2	AHOLD18.75TL OPENV	EUR	1,6610	1,6610	1,6610			1,6610					
Certificate	NL0012904957	AHOLD18.76TL OPENH	EUR	2,2800	2,4400	2,2800			2,4400					
Certificate	DE000VA7TFM1	AHOLD18.87TL OPENV	EUR	1,1630	1,1630	1,1630			1,1630					
Certificate	LU1840980756	AHOLD18.97TCIOPENS	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	NL0013013337	AHOLD19.05BL OPENB	EUR	0,8600	1,1400	0,8600	11400,0000	2	0,9900	10000				
Certificate	DE000VA71WX8	AHOLD19.07TL OPENV	EUR	0,9720	0,9720	0,9720			0,9720					
Certificate	DE000VA7TFP4	AHOLD19.07TL OPENV	EUR											
Certificate	DE000VA71Z32	AHOLD19.27TL OPENV	EUR	0,7990	0,7990	0,7990			0,7990					
Certificate	DE000VA71SK3	AHOLD19.56TS OPENV	EUR											
Certificate	DE000VA71SP2	AHOLD19.76TS OPENV	EUR											
Certificate	LU1841029439	AHOLD19.79TCIOPENS	EUR											
Certificate	DE000VAGEHG3	AHOLD19.99TS OPENV	EUR											
Certificate	DE000VAGEHH1	AHOLD20.19TS OPENV	EUR	0,4710	0,4710	0,4710			0,4710					
Certificate	NL0012902787	AHOLD20.23TS OPENH	EUR	2,1300	2,1300	2,0000			2,0000					
Certificate	NL0012999031	AHOLD20.31BS OPENB	EUR	0,7400	0,7400	0,6100			0,6100					
Certificate	DE000VAGEHJ7	AHOLD20.39TS OPENV	EUR	0,6450	0,6450	0,6450			0,6450					
Certificate	DE000VAGEHKS	AHOLD20.59TS OPENV	EUR	0,7760	0,8260	0,7070	31,3000	3	0,8180	40				
Certificate	LU1817372128	AHOLD20.61TCIOPENS	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	NL0012901086	AHOLD20.73TS OPENH	EUR	2,6600	2,6600	2,5300			2,5300					
Certificate	DE000VAGEDG2	AHOLD20.79TS OPENV	EUR	0,9920	0,9920	0,9920			0,9920					
Certificate	DE000VAGEHM1	AHOLD20.99TS OPENV	EUR	1,1860	1,1860	1,1860			1,1860					
Certificate	DE000VAGEHP4	AHOLD21.19TS OPENV	EUR	1,3860	1,3860	1,3860			1,3860					
Certificate	NL0012900666	AHOLD21.22TS OPENH	EUR	3,2000	3,2000	3,0700			3,0700					
Certificate	DE000VAGEHS8	AHOLD21.39TS OPENV	EUR	1,5860	1,5860	1,5860			1,5860					
Certificate	NL0012936082	AHOLD21.65TS OPENH	EUR	3,6600	3,6600	3,5300			3,5300					
Certificate	DE000CJ3NJT4	AHOLD21.72TS OPENZ	EUR	0,3750	0,3750	0,3750			0,3750					
Certificate	DE000VA4Y154	AHOLD21.85TS OPENV	EUR	1,9790	1,9790	1,9790			1,9790					
Certificate	DE000VA6TXP9	AHOLD21.99TS OPENV	EUR	2,1850	2,1850	2,1850			2,1850					
Certificate	DE000VAGTXQ7	AHOLD22.19TS OPENV	EUR	2,3840	2,3840	2,3840			2,3840					
Certificate	NL0011522966	AHOLD22.31BS OPENB	EUR	2,7300	2,7300	2,5000	250,0000	1	2,6000	100				
Certificate	NL0012602585	AHOLD22.34TS OPENH	EUR	4,4100	4,4100	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	NL0012601611	AHOLD22.35TS OPENH	EUR	4,4200	4,4200	4,2800			4,2800					
Certificate	DE000VA64W91	AHOLD22.38TS OPENV	EUR	2,5880	2,5880	2,5880			2,5880					
Certificate	NL0011930631	AHOLD22.46TS OPENH	EUR	4,5400	4,5400	4,4100			4,4100					
Certificate	NL0012919989	AHOLD22.51TS OPENH	EUR	4,5900	4,5900	4,4600			4,4600					
Certificate	LU1790428608	AHOLD22.72TPIOPEN5	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	DE000VA4Y0S0	AHOLD22.85TS OPENV	EUR	2,9740	2,9740	2,9740			2,9740					
Certificate	NL0011720248	AHOLD22.98TS OPENH	EUR	5,1000	5,1000	4,9600			4,9600					
Certificate	DE000CD62VH6	AHOLD23.72TS OPENZ	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	DE000VA323A2	AHOLD23.89TS OPENV	EUR	3,9640	3,9640	3,9640			3,9640					
Certificate	NL0011230982	AHOLD24.16TS OPENH	EUR	6,3800	6,3800	6,2500			6,2500					
Certificate	NL0012780134	AHOLD24.28BS OPENB	EUR	4,7100	4,7100	4,5800			4,5800					
Certificate	DE000VA4YXB4	AHOLD24.89TS OPENV	EUR	4,9920	4,9920	4,9920			4,9920					
Certificate	DE000CV8A195	AHOLD25.72TS OPENZ	EUR	1,1750	1,1750	1,1750			1,1750					
Certificate	NL0012933170	AHOLD28.08TS OPENH	EUR	10,6100	10,6100	10,3600	1036,0000	1	10,4800	100				
Certificate	DE000CW42K73	AIRBU 45TL OPENC	EUR	5,1500	5,1500	5,1500			5,1500					
Certificate	DE000CY16KX8	AIRBU 60TL OPENC	EUR	3,7200	3,7200	3,7200			3,7200					
Certificate	NL0012981997	AIRBU 113TS OPENB	EUR	22,4750	23,0150	22,4750			23,0150					
Certificate	NL0009447648	AIRBU 8.7TL OPENB	EUR	91,1650	91,1650	91,1650			91,1650					
Certificate	NL0012582472	AIRBU 152.TS OPENH	EUR	64,3900	65,4600	64,3900			65,4600					
Certificate	NL0010284840	AIRBU 29.1TL OPENB	EUR	72,1250	72,1250	72,1250			72,1250					
Certificate	NL0010379855	AIRBU 33.5TL OPENB	EUR	68,0950	68,0950	68,0950			68,0950					
Certificate	NL0010888640	AIRBU 35.1TL OPENB	EUR	67,2550	67,2550	66,6050			66,6050					
Certificate	NL0012103469	AIRBU 60.2TL OPENB	EUR	43,9350	43,9350	43,2850			43,2850					
Certificate	NL0012497671	AIRBU 75.5TL OPENB	EUR	29,6750	29,6750	29,0250			29,0250					
Certificate	NL0012529127	AIRBU 79.1TL OPENH	EUR	26,2300	26,2300	25,1500			25,1500					
Certificate	NL0012689137	AIRBU 84.6TL OPENB	EUR	21,1750	21,1750	20,5250			20,5250					
Certificate	NL0012689491	AIRBU 87.7TL OPENB	EUR	18,3650	18,3650	17,7150			17,7150					
Certificate	NL0013009616	AIRBU 90.6TL OPENB	EUR	15,6550	15,6550	15,0050			15,0050					
Certificate	NL0013011661	AIRBU 93.6TL OPENB	EUR	12,7950	14,2100	12,1450	4019,0000	4	12,1450	300				
Certificate	NL0013012602	AIRBU 96.6TL OPENB	EUR	10,0050	10,0050	9,3550			9,3550					
Certificate	NL0013008840	AIRBU100.8BS OPENB	EUR											
Certificate	NL0013009855	AIRBU103.2TS OPENB	EUR	11,9350	12,4750	11,9350			12,4750					
Certificate	NL0013009863	AIRBU105.7TS OPENB	EUR	14,6350	15,1750	14,6350			15,1750					
Certificate	NL0013007289	AIRBU108.2TS OPENB	EUR	17,3250	17,8650	17,3250			17,8650					
Certificate	NL0012971915	AIRBU110.6TS OPENB	EUR	19,8750	20,4150	19,8750			20,4150					
Certificate	NL0012977763	AIRBU110.8BS OPENB	EUR	1,1650	1,2250	1,1650			1,2250					
Certificate	NL0012582118	AIRBU112.5TS OPENH	EUR	21,8400	22,9000	21,8400			22,9000					
Certificate	NL0012979504	AIRBU120.7BS OPENB	EUR	2,1550	2,2150	2,1550			2,2150					
Certificate	NL0012529283	AIRBU126.9TS OPENH	EUR	37,3500	38,4200	37,3500			38,4200					
Certificate	NL0012553395	AIRBU139.7TS OPENH	EUR	51,1500	52,2300	51,1500			52,2300					
Certificate	NL0011412838	AIRBU21.32TL OPENH	EUR	80,0100	80,0100	78,9300			78,9300					
Certificate	NL0011412796	AIRBU46.52TL OPENH	EUR	56,5500	56,5500	55,4800			55,4800					
Certificate	NL0011993456	AIRBU52.92TL OPENH	EUR	50,5800	50,5800	49,5200			49,5200					
Certificate	DE000CD63PK0	AIRBU54.82TL OPENZ	EUR	43,9900	43,9900	43,9900			43,9900					
Certificate	NL0012051692	AIRBU58.85TL OPENH	EUR	45,0600	45,0600	44,0000			44,0000					
Certificate	DE000CD644P7	AIRBU60.94TL OPENZ	EUR	37,8850	37,8850	37,8850			37,8850					
Certificate	NL0012175020	AIRBU63.36TL OPENH	EUR	40,8800	40,8800	39,8000			39,8000					
Certificate	DE000CE6BS46	AIRBU66.92TL OPENZ	EUR	6,3800	6,3800	6,3800			6,3800					
Certificate	NL0012211346	AIRBU66.98TL OPENH	EUR	37,5000	37,5000	36,4300			36,4300					
Certificate	NL0012519441	AIRBU71.01TL OPENH	EUR	33,7600	33,7600	32,6800			32,6800					
Certificate	NL0012520704	AIRBU75.05TL OPENH	EUR	29,9900	29,9900	28,9100			28,9100					
Certificate	DE000CE6EXR6	AIRBU75.89TL OPENZ	EUR	4,6000	4,6000	4,6000			4,6000					
Certificate	NL0013008618	AIRBU81.51BL OPENB	EUR	1,8950	1,8950	1,8350			1,8350					
Certificate	NL0012578546	AIRBU83.09TL OPENH	EUR	22,5100	22,5100	21,4300			21,4300					
Certificate	DE000CV87FF2	AIRBU85.83TL OPENZ	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	NL0012977482	AIRBU86.52BL OPENB	EUR	1,3950	1,3950	1,3250			1,3250					
Certificate	NL0012578538	AIRBU87.13TL OPENH	EUR	18,7500	18,7500	17,6700			17,6700					
Certificate	NL0012608426	AIRBU91.14TL OPENH	EUR	15,0200	15,0200	13,9400			13,9400					
Certificate	NL0013007552	AIRBU91.58BL OPENB	EUR	0,8850	0,8850	0,8250			0,8250					
Certificate	DE000CV89XU0	AIRBU95.71TL OPENZ	EUR											
Certificate	NL0013013162	AIRBU96.57BL OPENB	EUR	0,3850	0,3850	0,3250			0,3250					
Certificate	NL0012926380	AIRBU97.61TL OPENH	EUR											
Certificate	NL0012795967	AIRFR LEVOPENZ	EUR	30,5400	30,5400	30,5400			30,5400					
Certificate	NL0012796007	AIRFR SHROPENZ	EUR	49,7200	49,7200	49,7200			49,7200					
Certificate	DE000CY0AYK6	AIRFR 5TL OPENC	EUR	3,1100	3,1100	2,9900	7153,0000	2	2,9900	2300				
Certificate	LU1756859010	AIRFR 6TPIOPEN5	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	DE000VA3ZUR5	AIRFR 6TL 1218V	EUR	2,6320	2,6320	2,6320			2,6320					
Certificate	DE000CQ5AS42	AIRFR 6TL OPENC	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	DE000CQ5SAU48	AIRFR 6TL OPENC	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	DE000VA7PUC9	AIRFR 7TL 0319V	EUR	1,6490	1,6490	1,6490			1,6490					
Certificate	DE000VA32328	AIRFR 7TL 1218V	EUR	1,4520	1,7700	1,3920	14221,8100	4	1,6070	8600				
Certificate	NL0012978233	AIRFR 7TL OPENB	EUR	1,7400	2,0500	1,7400			2,0500					



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	DE000CP06Z87	AIRFR 7TL OPENC	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	DE000CQ58HE1	AIRFR 7TL OPENC	EUR											
Certificate	DE000CQ58U54	AIRFR 8TL OPENC	EUR											
Certificate	DE000CQ58SY6	AIRFR 8TL OPENC	EUR											
Certificate	DE000VA7PUA3	AIRFR 9TS 0319V	EUR	0,7070	0,7070	0,7070			0,7070					
Certificate	DE000VA7PUF2	AIRFR 9TS 1218V	EUR	0,6920	0,6920	0,6920			0,6920					
Certificate	DE000CP06NS1	AIRFR 9TS OPENC	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	DE000CP06PD8	AIRFR 9TS OPENC	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000VA7PT95	AIRFR 10TS 0319V	EUR	1,7110	1,7110	1,7110			1,7110					
Certificate	DE000VA4Y2A4	AIRFR 10TS 1218V	EUR	1,6950	1,6950	1,6950			1,6950					
Certificate	DE000CQ5ABN7	AIRFR 10TS OPENC	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	DE000CQ5AK08	AIRFR 10TS OPENC	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	DE000CQ5A578	AIRFR 11TS OPENC	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	DE000CV50L53	AIRFR 16TS OPENC	EUR	6,2900	6,2900	6,2900			6,2900					
Certificate	NL0009998012	AIRFR 2.9TL OPENB	EUR	5,8400	5,8400	5,8400			5,8400					
Certificate	NL0011240825	AIRFR 3.6TL OPENH	EUR	4,8300	5,1300	4,8300			5,1300					
Certificate	DE000CD625T7	AIRFR 4.1TL OPENZ	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	NL0010133435	AIRFR 4.4TL OPENB	EUR	4,5100	4,5100	4,4300	2250,4900	1	4,4300	499				
Certificate	NL0011240817	AIRFR 4.5TL OPENH	EUR	4,0500	4,3500	4,0500			4,3500					
Certificate	NL0011919006	AIRFR 4.6TL OPENB	EUR	3,9800	4,2900	3,9800			4,2900					
Certificate	DE000CX596P5	AIRFR 4.6TL OPENC	EUR	3,2800	3,2800	3,2800			3,2800					
Certificate	DE000VA3ZUN4	AIRFR 5.6TL 1218V	EUR	3,0320	3,0320	3,0320			3,0320					
Certificate	NL0012111785	AIRFR 5.6TL OPENB	EUR	3,0200	3,4500	3,0200	37924,0000	14	3,3300	11600				
Certificate	DE000VA3ZUP9	AIRFR 5.8TL 1218V	EUR	2,8320	2,8320	2,8320			2,8320					
Certificate	DE000VA3ZUT1	AIRFR 6.2TL 1218V	EUR	2,4320	2,4320	2,4320			2,4320					
Certificate	NL0012175061	AIRFR 6.3TL OPENH	EUR	2,3400	2,6400	2,3400			2,6400					
Certificate	DE000CE6BNL6	AIRFR 6.3TL OPENZ	EUR	2,6100	2,6100	2,4700	1305,0000	1	2,4700	500				
Certificate	DE000VA71PN3	AIRFR 6.4TL 0319V	EUR	2,2480	2,2480	2,2480			2,2480					
Certificate	DE000VA3ZUV7	AIRFR 6.4TL 1218V	EUR	2,2320	2,2320	2,2320			2,2320					
Certificate	DE000CQ5AYL3	AIRFR 6.5TL OPENC	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	NL0012175053	AIRFR 6.5TL OPENH	EUR	2,1500	2,4500	2,1500			2,4500					
Certificate	DE000VA71WQ2	AIRFR 6.6TL 0319V	EUR	2,0480	2,0480	2,0480			2,0480					
Certificate	DE000VA3ZUX3	AIRFR 6.6TL 1218V	EUR	2,0320	2,0320	2,0320			2,0320					
Certificate	NL0012794721	AIRFR 6.6TL OPENB	EUR	2,1000	2,4900	2,1000	4670,0000	2	2,4100	2000				
Certificate	DE000VA15R82	AIRFR 6.6TL OPENV	EUR	2,1460	2,1460	2,1460			2,1460					
Certificate	NL0012114334	AIRFR 6.78L OPENB	EUR	1,6150	2,1000	1,6150	1452,0000	2	1,9150	700				
Certificate	DE000VA3ZU28	AIRFR 6.8TL 1218V	EUR	1,8320	1,8320	1,8320			1,8320					
Certificate	NL0012926000	AIRFR 6.8TL OPENH	EUR	1,9100	2,2000	1,9100			2,2000					
Certificate	NL0012927404	AIRFR 7.1TL OPENH	EUR	1,6300	1,9300	1,6300			1,9300					
Certificate	DE000VA71WR0	AIRFR 7.2TL 0319V	EUR	1,4490	1,4490	1,4490			1,4490					
Certificate	DE000VA4YXE8	AIRFR 7.2TL 1218V	EUR	1,4320	1,4320	1,4320			1,4320					
Certificate	NL0012932776	AIRFR 7.3TL OPENH	EUR	1,4500	1,7500	1,4500			1,7500					
Certificate	DE000VA4YX59	AIRFR 7.4TL 1218V	EUR	1,2320	1,2320	1,2320			1,2320					
Certificate	NL0012985915	AIRFR 7.4TL OPENB	EUR	1,3600	1,7800	1,3600	5180,0000	2	1,6700	3000				
Certificate	DE000VA7PUD7	AIRFR 7.5TL 0319V	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	DE000CP06057	AIRFR 7.5TL OPENC	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	NL0012933766	AIRFR 7.5TL OPENH	EUR	1,2600	1,5600	1,2600			1,5600					
Certificate	DE000CQ58D50	AIRFR 7.5TS OPENC	EUR											
Certificate	DE000VA4YX75	AIRFR 7.6TL 1218V	EUR	1,0320	1,0320	1,0320			1,0320					
Certificate	NL0013012131	AIRFR 7.7TL OPENB	EUR	1,0100	1,5200	1,0100	6925,0000	4	1,3200	4900				
Certificate	NL0012933758	AIRFR 7.7TL OPENH	EUR	1,0800	1,3700	1,0800			1,3700					
Certificate	DE000VA71WS8	AIRFR 7.8TL 0319V	EUR	0,8510	0,8510	0,8510			0,8510					
Certificate	DE000VA71WP4	AIRFR 7.8TL 1218V	EUR	0,8330	0,8330	0,8330			0,8330					
Certificate	NL0012993968	AIRFR 7.8TL OPENB	EUR											
Certificate	NL0012934137	AIRFR 7.9TL OPENH	EUR											
Certificate	DE000CJ3N8B4	AIRFR 7.9TL OPENZ	EUR											
Certificate	NL0012898290	AIRFR 8.2TL OPENH	EUR											
Certificate	NL0013009830	AIRFR 8.3TS OPENB	EUR											
Certificate	NL0013011828	AIRFR 8.3TS OPENB	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000VA71PL7	AIRFR 8.5TS 0319V	EUR											
Certificate	DE000VA71PP8	AIRFR 8.5TS 1218V	EUR											
Certificate	DE000CP06TP4	AIRFR 8.5TS OPENC	EUR											
Certificate	DE000CQ5AU55	AIRFR 8.5TS OPENC	EUR											
Certificate	NL0013009848	AIRFR 8.8TS OPENB	EUR	1,4600	1,4600	1,0000	4140,0000	2	1,1400	4000				
Certificate	NL0012598270	AIRFR 9.3TS OPENH	EUR	1,9600	1,9600	1,6700			1,6700					
Certificate	NL0012988695	AIRFR 9.4TS OPENB	EUR	2,0700	2,0700	1,7500			1,7500					
Certificate	NL0012796429	AIRFR 9.5BOC0919Z	EUR	8,5700	8,5700	8,5700			8,5700					
Certificate	DE000VA7PUB1	AIRFR 9.5TS 0319V	EUR	1,2090	1,2090	1,2090			1,2090					
Certificate	DE000VA5EMY8	AIRFR 9.5TS 1218V	EUR	1,1940	1,1940	1,1940			1,1940					
Certificate	NL0012598262	AIRFR 9.5TS OPENH	EUR	2,1800	2,1800	1,8800			1,8800					
Certificate	NL0012598254	AIRFR 9.7TS OPENH	EUR	2,3900	2,3900	2,1000			2,1000					
Certificate	NL0012795504	AIRFR 9.8BOC0619Z	EUR	8,7000	8,7000	8,7000			8,7000					



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	NL0012988703	AIRFR 9.9TS OPENB	EUR	2,6100	2,6100	2,2900			2,2900					
Certificate	NL0012796437	AIRFR 10.18OC1219Z	EUR	8,5100	8,5100	8,5100			8,5100					
Certificate	NL0012580559	AIRFR 10.3TS OPENH	EUR	3,0000	3,0000	2,5500	1020,0000	1	2,7100	400				
Certificate	NL0012795512	AIRFR 10.58OC0919Z	EUR	8,7000	8,7000	8,7000			8,7000					
Certificate	DE000VASRKM9	AIRFR 10.5TS 1218V	EUR	2,1960	2,1960	2,1960			2,1960					
Certificate	NL0012689681	AIRFR 10.5TS OPENB	EUR	3,2200	3,2200	2,9000			2,9000					
Certificate	DE000CQ5A560	AIRFR 10.5TS OPENC	EUR	1,5900	1,6800	1,5800	398,7500	2	1,6800	250				
Certificate	DE000CV8AJ65	AIRFR 10.7TS OPENZ	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	NL0012580542	AIRFR 10.8TS OPENH	EUR	3,5300	3,5300	3,2400			3,2400					
Certificate	DE000CJ3NV49	AIRFR 11.1TS OPENZ	EUR	3,2100	3,2100	3,2100			3,2100					
Certificate	DE000CV8B157	AIRFR 11.7TS OPENZ	EUR	3,2800	3,2800	3,2800			3,2800					
Certificate	NL0012580534	AIRFR 11.8TS OPENH	EUR	4,6000	4,6000	4,3000			4,3000					
Certificate	DE000CY523W4	AIRFR 12.5TS OPENC	EUR											
Certificate	DE000CY524K7	AIRFR 12.5TS OPENC	EUR											
Certificate	NL0012559637	AIRFR 12.7TS OPENH	EUR	5,6400	5,6400	5,3400			5,3400					
Certificate	NL0012560916	AIRFR 13.5TS OPENH	EUR	6,4900	6,4900	6,2000			6,2000					
Certificate	NL0012367817	AIRFR 14.5TS OPENH	EUR	7,5600	7,5600	7,2600			7,2600					
Certificate	NL0012274724	AIRFR 14.6TS OPENB	EUR	7,6600	7,6600	7,3400			7,3400					
Certificate	NL0012331961	AIRFR 15.6TS OPENH	EUR	8,6900	8,6900	8,4000			8,4000					
Certificate	NL0006273211	AIRFR 16.6TS OPENB	EUR	9,5200	9,5200	9,5200			9,5200					
Certificate	NL0012516918	AIRFR 17.7TS OPENH	EUR	10,9800	10,9800	10,6900			10,6900					
Certificate	NL0012536411	AIRFR 17.7TS OPENH	EUR	11,0500	11,0500	10,7600			10,7600					
Certificate	DE000CV89F42	AIRFR 5.24TL OPENZ	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	DE000VA2T4U7	AIRFR 5.61TL OPENV	EUR	3,1220	3,1220	3,1220			3,1220					
Certificate	DE000CV88N50	AIRFR 5.77TL OPENZ	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	NL0012970420	AIRFR 5.948L OPENB	EUR	2,3750	2,7700	2,3750	1855,0000	2	2,6750	700				
Certificate	DE000VA1ZDB9	AIRFR 6.11TL OPENV	EUR	2,6280	2,6280	2,6280			2,6280					
Certificate	DE000CX0JEZ8	AIRFR 6.25TL OPENC	EUR											
Certificate	DE000CQ5AYK5	AIRFR 6.25TL OPENC	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	DE000CV87XY6	AIRFR 6.41TL OPENZ	EUR	2,2700	2,3300	2,1000	9811,0000	7	2,1000	4450				
Certificate	LU1790007766	AIRFR 6.44TCIOPENS	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	LU1790007923	AIRFR 6.67TCIOPENS	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	DE000CV89WC0	AIRFR 6.83TL OPENZ	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	DE000VA3TK11	AIRFR 7.07TS OPENV	EUR											
Certificate	LU1790494907	AIRFR 7.08TCIOPENS	EUR	1,3400	1,4800	1,3400	1725,0000	2	1,4800	1250				
Certificate	DE000VA4YSZ3	AIRFR 7.14TL OPENV	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	DE000CV8AHG5	AIRFR 7.35TL OPENZ	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	LU1790584301	AIRFR 7.46TCIOPENS	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	DE000VA3TEL5	AIRFR 7.57TS OPENV	EUR											
Certificate	LU1790584566	AIRFR 7.63TCIOPENS	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	DE000VA4YYG1	AIRFR 7.64TL OPENV	EUR	1,2040	1,2040	1,2040			1,2040					
Certificate	DE000CV8AJA4	AIRFR 7.88TL OPENZ	EUR											
Certificate	LU1841028894	AIRFR 8.26TCIOPENS	EUR											
Certificate	LU1840978859	AIRFR 8.38TCIOPENS	EUR											
Certificate	LU1840911199	AIRFR 9.13TCIOPENS	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	DE000CV8B6W8	AIRFR 9.13TS OPENZ	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000VL97Q22	AIRFR 9.63TS OPENV	EUR	1,5160	1,5160	1,5160			1,5160					
Certificate	LU1790698893	AIRFR 9.72TCIOPENS	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	NL0012773014	AIRFR10.028BS OPENB	EUR	1,9950	1,9950	1,6650			1,6650					
Certificate	DE000CV87YH9	AIRFR10.08TS OPENZ	EUR	2,1700	2,1700	2,1700			2,1700					
Certificate	DE000VL97Q06	AIRFR10.13TS OPENV	EUR	2,0310	2,0310	2,0310			2,0310					
Certificate	DE000VL8XMF8	AIRFR10.46TS OPENV	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	DE000VAGEFA0	AIRFR10.47TS OPENV	EUR	2,0730	2,0730	2,0730			2,0730					
Certificate	DE000VASEMV4	AIRFR10.51TS OPENV	EUR	2,5710	2,5710	2,5710			2,5710					
Certificate	NL0013000433	AIRFR10.528BS OPENB	EUR	2,4950	2,4950	2,1650			2,1650					
Certificate	LU1840348590	AIRFR10.88TCIOPENS	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	DE000VL8XMG6	AIRFR10.96TS OPENV	EUR	2,3490	2,3490	2,3490			2,3490					
Certificate	DE000VAGEFC6	AIRFR11.07TS OPENV	EUR	2,6710	2,6710	2,6710			2,6710					
Certificate	DE000VASRKJ5	AIRFR11.31TS OPENV	EUR	2,8710	2,8710	2,8710			2,8710					
Certificate	DE000CE6DT68	AIRFR14.67TS OPENZ	EUR											
Certificate	DE000CE6ESN5	AIRFR15.27TS OPENZ	EUR											
Certificate	DE000CV89BQ4	AIRFR4.401TL OPENZ	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	DE000CV88GP7	AIRFR5.411TL OPENZ	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	DE000CV893X2	AIRFR5.906TL OPENZ	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	NL0012787287	AIRFR6.1948L OPENB	EUR	2,1150	2,5950	2,1150	5180,0000	1	2,4250	2000				
Certificate	DE000VA71WM1	AIRFR6.236TL OPENV	EUR	2,3340	2,3340	2,3340			2,3340					
Certificate	DE000VA1SR33	AIRFR6.432TL OPENV	EUR	2,0370	2,0370	2,0370			2,0370					
Certificate	NL0012787295	AIRFR6.447BL OPENB	EUR	1,8650	2,3800	1,8650	98000,0000	18	2,1650	44000				
Certificate	DE000VA71RQ2	AIRFR6.735TL OPENV	EUR	1,8330	1,8330	1,8330			1,8330					
Certificate	DE000CV89WZ5	AIRFR6.908TL OPENZ	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	NL0012977185	AIRFR6.9518L OPENB	EUR	1,3550	1,7300	1,3550	17300,0000	1	1,6650	10000				
Certificate	DE000VA3Z344	AIRFR6.975TL OPENV	EUR	1,5340	1,5340	1,5340			1,5340					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CNGG2A7	AIRFR7.033TS OPENZ	EUR											
Certificate	NL0012984223	AIRFR7.202BL OPENB	EUR	1,1050	1,4150	1,1050			1,4150					
Certificate	DE000VAGEFG7	AIRFR7.319TL OPENV	EUR	1,2330	1,2330	1,2330			1,2330					
Certificate	DE000CV8AHA8	AIRFR7.402TL OPENZ	EUR	1,0000	1,1300	1,0000	75,0000	1	1,1300	75				
Certificate	NL0012985766	AIRFR7.454BL OPENB	EUR	0,8600	1,3150	0,8600	154342,1500	18	1,1650	132102				
Certificate	DE000VA4YYJ5	AIRFR7.488TL OPENV	EUR	1,0310	1,0310	1,0310								
Certificate	NL0012986129	AIRFR7.705BL OPENB	EUR	0,6050	1,0950	0,6050	44657,6200	16	0,9150	55768				
Certificate	DE000VA71RR0	AIRFR7.735TL OPENV	EUR	0,8330	0,8330	0,8330			0,8330					
Certificate	DE000CV8AJ57	AIRFR7.897TL OPENZ	EUR											
Certificate	DE000VA71RS8	AIRFR7.935TL OPENV	EUR											
Certificate	DE000VA71Z26	AIRFR7.936TL OPENV	EUR	0,6340	0,6340	0,6340			0,6340					
Certificate	DE000VA7TG21	AIRFR8.353TS OPENV	EUR											
Certificate	NL0013008832	AIRFR8.527BS OPENB	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	DE000VA71RP4	AIRFR8.553TS OPENV	EUR											
Certificate	DE000CJ3N401	AIRFR8.805TS OPENZ	EUR	0,2200	0,4400	0,2200	847,0000	4	0,4400	2600				
Certificate	DE000VA7TFJ7	AIRFR8.854TS OPENV	EUR	0,4770	0,4770	0,4770			0,4770					
Certificate	NL0013001712	AIRFR9.026BS OPENB	EUR	1,0050	1,0050	0,6750			0,6750					
Certificate	DE000VAGT2B7	AIRFR9.069TS OPENV	EUR	0,6770	0,6770	0,6770			0,6770					
Certificate	DE000VASRRE1	AIRFR9.293TS OPENV	EUR	0,8750	0,8750	0,8750			0,8750					
Certificate	DE000VAGEFD4	AIRFR9.474TS OPENV	EUR	1,0760	1,0760	1,0760			1,0760					
Certificate	NL0012988463	AIRFR9.524BS OPENB	EUR	1,4950	1,4950	0,9900	784,4000	2	1,1750	740				
Certificate	DE000CV883G8	AIRFR9.703TS OPENZ	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000VL8XMJ0	AIRFR9.959TS OPENV	EUR	1,3710	1,3710	1,3710			1,3710					
Certificate	DE000VAGT3J8	AIRFR9.968TS OPENV	EUR	1,5760	1,5760	1,5760			1,5760					
Certificate	NL0010888590	AIRLQ 71.8TL OPENB	EUR	4,5450	4,5450	4,4950			4,4950					
Certificate	NL0012030258	AIRLQ 80.3TL OPENB	EUR	3,5650	3,5650	3,5150			3,5150					
Certificate	NL0012038681	AIRLQ 85.9TL OPENB	EUR	2,9850	2,9850	2,9350			2,9350					
Certificate	NL0012572465	AIRLQ 90.7TL OPENH	EUR	2,2600	2,2600	2,1700			2,1700					
Certificate	DE000CV87HP7	AIRLQ 94.6TL OPENZ	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	NL0012924278	AIRLQ103.9TL OPENH	EUR	1,0300	1,0300	0,9400			0,9400					
Certificate	NL0012524524	AIRLQ115.4TS OPENH	EUR	1,7700	1,8600	1,7700			1,8600					
Certificate	NL0012539209	AIRLQ115.8TS OPENH	EUR	1,8200	1,9000	1,8200			1,9000					
Certificate	NL0012596373	AIRLQ124.2TS OPENH	EUR	2,7200	2,8100	2,7200			2,8100					
Certificate	NL0011599030	AIRLQ70.24TL OPENH	EUR	4,5800	4,5800	4,4800			4,4800					
Certificate	DE000CR9RPS1	AIRLQ73.78TL OPENZ	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	NL0011988605	AIRLQ79.61TL OPENH	EUR	3,6200	3,6200	3,5200			3,5200					
Certificate	DE000CD64235	AIRLQ84.68TL OPENZ	EUR	2,1700	2,1700	2,1700			2,1700					
Certificate	NL0012572473	AIRLQ86.66TL OPENH	EUR	2,6300	2,6300	2,5400			2,5400					
Certificate	NL0012572457	AIRLQ92.72TL OPENH	EUR	2,0700	2,0700	1,9800			1,9800					
Certificate	NL0012572440	AIRLQ94.74TL OPENH	EUR	1,8800	1,8800	1,7900			1,7900					
Certificate	NL0013007297	AIXG 9TS OPENB	EUR											
Certificate	NL0013010960	AIXG 9TS OPENB	EUR											
Certificate	NL0013009624	AIXG 5.26TL OPENB	EUR	0,9850	0,9850	0,9250			0,9250					
Certificate	NL0013002793	AIXG 6.26TL OPENB	EUR	0,8050	0,8050	0,7350			0,7350					
Certificate	NL0013002801	AIXG 7.26TL OPENB	EUR	0,6250	0,6250	0,5550			0,5550					
Certificate	NL0013010838	AIXG 8.24TL OPENB	EUR	0,4450	0,4450	0,3750			0,3750					
Certificate	NL0013012610	AIXG 9.25TL OPENB	EUR	0,2650	0,2650	0,1950			0,1950					
Certificate	NL0012999197	AIXG 10.98TS OPENB	EUR	0,4950	0,5650	0,4950			0,5650					
Certificate	NL0012999205	AIXG 11.97TS OPENB	EUR	0,7150	0,7850	0,7150			0,7850					
Certificate	DE000CJ3NV98	AIXG 5.236TL OPENZ	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	DE000CV89NY3	AIXG 6.746TL OPENZ	EUR	0,5150	0,5150	0,5150			0,5150					
Certificate	DE000CV89SY2	AIXG 7.739TL OPENZ	EUR	0,3250	0,3250	0,3250			0,3250					
Certificate	DE000CJ3PAC4	AIXG 8.541TL OPENZ	EUR	0,1650	0,1650	0,1650			0,1650					
Certificate	NL0010893459	AKZO 40TL OPENB	EUR	37,9650	37,9650	37,2850			37,2850					
Certificate	DE000CQ5AK16	AKZO 60TL OPENC	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	DE000CP06W31	AKZO 60TL OPENC	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000CQ5AA88	AKZO 65TL OPENC	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	DE000CQ5A3F4	AKZO 68TL OPENC	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	NL0012371025	AKZO 69TL OPENH	EUR	1,1600	1,1600	1,0600			1,0600					
Certificate	DE000CQ5AAY6	AKZO 70TL OPENC	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000CQ5A3G2	AKZO 70TL OPENC	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	NL0012542856	AKZO 70TL OPENH	EUR	1,0600	1,0600	0,9600	339,5000	1	0,9600	350				
Certificate	DE000CQ5A3H0	AKZO 72TL OPENC	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	DE000CQ5B279	AKZO 75TL OPENC	EUR											
Certificate	DE000CQ5BUT2	AKZO 75TL OPENC	EUR											
Certificate	DE000CP06W49	AKZO 75TS OPENC	EUR											
Certificate	NL0013081557	AKZO 76TS OPENH	EUR											
Certificate	NL0013011836	AKZO 77TS OPENB	EUR											
Certificate	NL0013009871	AKZO 80TS OPENB	EUR	11,5050	12,1850	11,5050			12,1850					
Certificate	DE000CP06Z95	AKZO 80TS OPENC	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	DE000CP06W56	AKZO 80TS OPENC	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	NL0013007925	AKZO 83TS OPENB	EUR	14,7350	15,4150	14,7350			15,4150					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012796098	AKZO 84BON1219Z	EUR	75,2100	75,2100	75,2100			75,2100					
Certificate	NL0012987234	AKZO 86BOC0619B	EUR	77,7000	77,7000	77,2000			77,2000					
Certificate	NL0012987366	AKZO 86TS OPENB	EUR	17,9050	18,5850	17,9050			18,5850					
Certificate	NL0012795660	AKZO 89BOC0619Z	EUR	74,2700	74,2700	74,2700			74,2700					
Certificate	NL0012580567	AKZO 89TS OPENH	EUR	2,1100	2,2000	2,1100			2,2000					
Certificate	DE000CQ5A3J6	AKZO 90TS OPENC	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	DE000CQ5AB25	AKZO 90TS OPENC	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	NL0012648950	AKZO 92BOC0619Z	EUR	81,1950	81,1950	81,1950			81,1950					
Certificate	DE000CP06271	AKZO 95TS OPENC	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	DE000CQ5AB33	AKZO 95TS OPENC	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	DE000CQ5A3K4	AKZO 95TS OPENC	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	DE000CQ5A3L2	AKZO 100TS OPENC	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	DE000CE6DHD1	AKZO 59.TL OPENZ	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	NL0010253282	AKZO 32.2TL OPENB	EUR	44,5450	44,5450	44,5450			44,5450					
Certificate	NL0011044706	AKZO 37.4TL OPENH	EUR	4,2700	4,2700	4,1700			4,1700					
Certificate	NL0011656632	AKZO 44.2TL OPENB	EUR	34,0550	34,0550	33,3750			33,3750					
Certificate	NL0011720404	AKZO 46.6TL OPENH	EUR	3,3600	3,3600	3,2600			3,2600					
Certificate	NL0011926670	AKZO 48.7TL OPENH	EUR	3,1500	3,1500	3,0500			3,0500					
Certificate	DE000CD61W94	AKZO 50.1TL OPENZ	EUR	24,2250	24,2250	24,2250			24,2250					
Certificate	NL0012040661	AKZO 50.4TL OPENB	EUR	28,2750	28,2750	27,5950			27,5950					
Certificate	NL0011992060	AKZO 50.8TL OPENH	EUR	2,9500	2,9500	2,8500			2,8500					
Certificate	NL0012106298	AKZO 52.5TL OPENB	EUR	26,3750	26,3750	25,6950			25,6950					
Certificate	NL0012050959	AKZO 52.7TL OPENH	EUR	2,7600	2,7600	2,6600			2,6600					
Certificate	NL0012171599	AKZO 56.6TL OPENH	EUR	2,3800	2,3800	2,2700			2,2700					
Certificate	NL0011993464	AKZO 57.4TL OPENH	EUR											
Certificate	NL0012116123	AKZO 58.6TL OPENB	EUR	20,6550	20,6550	19,9750			19,9750					
Certificate	NL0012116131	AKZO 60.7TL OPENB	EUR	18,7550	18,7550	18,0750			18,0750					
Certificate	NL0012201115	AKZO 61.3TL OPENH	EUR	1,9100	1,9100	1,8100			1,8100					
Certificate	NL0012116149	AKZO 62.7TL OPENB	EUR	16,8450	16,8450	16,1650	655,6000	1	16,1650	40				
Certificate	NL0012116610	AKZO 64.8TL OPENB	EUR	14,9450	14,9450	14,2650			14,2650					
Certificate	NL0012201107	AKZO 65.2TL OPENH	EUR	1,5300	1,5300	1,4300			1,4300					
Certificate	NL0012542872	AKZO 66.1TL OPENH	EUR	1,4400	1,4400	1,3400			1,3400					
Certificate	NL0012271381	AKZO 66.8TL OPENB	EUR	13,0550	13,0550	12,3750			12,3750					
Certificate	NL0012201099	AKZO 67.1TL OPENH	EUR	1,3400	1,3400	1,2400			1,2400					
Certificate	NL0012542864	AKZO 68.1TL OPENH	EUR	1,2500	1,2500	1,1500			1,1500					
Certificate	NL0012494884	AKZO 68.8TL OPENB	EUR	11,1750	11,1750	10,4950			10,4950					
Certificate	DE000VA7TDQ7	AKZO 69.5TL OPENV	EUR	0,8455	0,8455	0,8455			0,8455					
Certificate	NL0012676290	AKZO 70.8TL OPENB	EUR	9,2950	9,2950	8,6150			8,6150					
Certificate	DE000VA71TN5	AKZO 71.5TL OPENV	EUR	0,6555	0,6555	0,6555			0,6555					
Certificate	NL0012611008	AKZO 72.6TL OPENH	EUR	0,7600	0,7600	0,6700			0,6700					
Certificate	DE000VL76E39	AKZO 72.6TL OPENV	EUR	0,3215	0,3215	0,3215			0,3215					
Certificate	NL0013012628	AKZO 72.8TL OPENB	EUR	7,4250	7,4250	6,7450			6,7450					
Certificate	NL0012791735	AKZO 72.9TL OPENB	EUR											
Certificate	DE000VA71XM9	AKZO 73.5TL OPENV	EUR	0,4865	0,4865	0,4865			0,4865					
Certificate	DE000CV8A4G7	AKZO 73.9TL OPENZ	EUR											
Certificate	NL0012792980	AKZO 81.1BOC1218B	EUR	79,6500	79,6500	79,5000			79,5000					
Certificate	NL0012904981	AKZO 81.6TS OPENH	EUR	1,3200	1,4100	1,3200			1,4100					
Certificate	NL0012583777	AKZO 84.9TS OPENH	EUR	1,6700	1,7600	1,6700			1,7600					
Certificate	NL0012584411	AKZO 88.8TS OPENH	EUR	2,0900	2,1800	2,0900			2,1800					
Certificate	NL0013001423	AKZO 88.9TS OPENB	EUR	21,1150	21,7950	21,1150			21,7950					
Certificate	NL0012213987	AKZO 90.5TS OPENH	EUR	2,4000	2,4900	2,4000			2,4900					
Certificate	DE000VL76KL4	AKZO 90.7TS OPENV	EUR	1,3495	1,3495	1,3495			1,3495					
Certificate	NL0012583769	AKZO 100.7TS OPENH	EUR	3,3700	3,4600	3,3700			3,4600					
Certificate	DE000CV8ANP4	AKZO 103.4TS OPENZ	EUR	5,8900	5,8900	5,8900			5,8900					
Certificate	NL0011643697	AKZO 38.22BL OPENB	EUR	37,5950	37,5950	36,9150			36,9150					
Certificate	NL0011534862	AKZO 42.53BL OPENB	EUR	33,2850	33,2850	32,6050			32,6050					
Certificate	DE000CN6JXE2	AKZO 47.14TL OPENZ	EUR	27,1700	27,1700	27,1700			27,1700					
Certificate	NL0011911532	AKZO 51.04BL OPENB	EUR	24,7650	24,7650	24,0850			24,0850					
Certificate	DE000CX59XK0	AKZO 51.19TL OPENC	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	DE000CD64EH8	AKZO 54.06TL OPENZ	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	NL0012106405	AKZO 55.22BL OPENB	EUR	20,5850	20,5850	19,9050			19,9050					
Certificate	NL0012116362	AKZO 59.39BL OPENB	EUR	16,4150	16,4150	15,7350			15,7350					
Certificate	NL0012116370	AKZO 61.48BL OPENB	EUR	14,3250	14,3250	13,6450			13,6450					
Certificate	NL0012116388	AKZO 63.56BL OPENB	EUR	12,2450	12,2450	11,5650			11,5650					
Certificate	DE000CE6DHE9	AKZO 63.99TL OPENZ	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	DE000VL61LG4	AKZO 64.56TL OPENV	EUR	1,1185	1,1185	1,1185			1,1185					
Certificate	DE000CY16EV5	AKZO 65.36TL OPENC	EUR	1,1200	1,1200	1,1200			1,1200					
Certificate	NL0012116396	AKZO 65.65BL OPENB	EUR	10,1550	10,1550	9,4750			9,4750					
Certificate	DE000VL61LH2	AKZO 66.56TL OPENV	EUR	0,9165	0,9165	0,9165			0,9165					
Certificate	DE000CY16FK5	AKZO 66.61TL OPENC	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	LU1840980244	AKZO 66.76TCIOPENS	EUR	8,2300	8,2300	8,2300			8,2300					
Certificate	DE000VA7THH7	AKZO 67.49TL OPENV	EUR	1,0375	1,0375	1,0375			1,0375					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012117170	AKZO 67.73BL OPENB	EUR	8,0250	8,0250	7,3450			7,3450					
Certificate	DE000VL61JL8	AKZO 68.56TL OPENV	EUR	0,7135	0,7135	0,7135			0,7135					
Certificate	DE000CE6DHF6	AKZO 68.98TL OPENZ	EUR	1,1500	1,1500	1,0800	1150,0000	1	1,0800	1000				
Certificate	NL0012279830	AKZO 69.79BL OPENB	EUR	6,1650	6,1650	5,4850	613,0000	1	5,4850	100				
Certificate	LU1756822281	AKZO 70.49TCIOPENS	EUR	5,5000	5,5000	5,5000			5,5000					
Certificate	DE000VL61LK6	AKZO 70.56TL OPENV	EUR	0,5200	0,5200	0,4955	3032,0000	2	0,5115	6000				
Certificate	NL0013013170	AKZO 71.79BL OPENB	EUR	3,9750	3,9750	2,8750	102,2000	1	3,2950	35				
Certificate	LU1756822448	AKZO 73.14TCIOPENS	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	DE000VA3TJL4	AKZO 73.22TL OPENV	EUR											
Certificate	DE000VAGT226	AKZO 73.47TL OPENV	EUR											
Certificate	DE000CJ3PCX6	AKZO 73.47TL OPENZ	EUR											
Certificate	NL0013013188	AKZO 73.79BL OPENB	EUR	1,9750	1,9750	1,2950			1,2950					
Certificate	LU1841096461	AKZO 74.36TCIOPENS	EUR											
Certificate	DE000VA71TL9	AKZO 74.41TS OPENV	EUR											
Certificate	LU1573750244	AKZO 75.17TCIOPENS	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	DE000VA7THG9	AKZO 76.41TS OPENV	EUR											
Certificate	LU1840978933	AKZO 77.89TCIOPENS	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	DE000VA7TET9	AKZO 78.41TS OPENV	EUR	0,8425	0,8425	0,8425			0,8425					
Certificate	DE000VA7TDP9	AKZO 80.41TS OPENV	EUR	1,0525	1,0525	1,0525			1,0525					
Certificate	NL0013013394	AKZO 81.29BS OPENB	EUR	6,8450	7,5250	6,8450			7,5250					
Certificate	LU1840911272	AKZO 81.48TCIOPENS	EUR	8,0100	8,0100	8,0100			8,0100					
Certificate	DE000VAGT2Y9	AKZO 82.44TS OPENV	EUR	1,2585	1,2585	1,2585			1,2585					
Certificate	NL0012648406	AKZO 83.35BOC0619Z	EUR	85,1550	85,1550	85,1550			85,1550					
Certificate	DE000CE6DN72	AKZO 83.47TS OPENZ	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	NL0012690390	AKZO 84.28BS OPENB	EUR	9,8350	10,5150	9,8350			10,5150					
Certificate	DE000VAGT1T1	AKZO 84.44TS OPENV	EUR	1,4675	1,4675	1,4675			1,4675					
Certificate	LU1790692377	AKZO 85.32TCIOPENS	EUR	11,2700	11,2700	11,2700			11,2700					
Certificate	DE000VAGT1U9	AKZO 86.44TS OPENV	EUR	1,6775	1,6775	1,6775			1,6775					
Certificate	DE000VL76EX2	AKZO 86.76TS OPENV	EUR	0,9545	0,9545	0,9545			0,9545					
Certificate	NL0012984322	AKZO 87.26BS OPENB	EUR	12,8250	13,5050	12,8250			13,5050					
Certificate	LU1840348673	AKZO 87.75TCIOPENS	EUR	13,9300	13,9300	13,9300			13,9300					
Certificate	DE000VAGT1V7	AKZO 88.44TS OPENV	EUR	1,8875	1,8875	1,8875			1,8875					
Certificate	DE000VL76EY0	AKZO 88.76TS OPENV	EUR	1,1515	1,1515	1,1515			1,1515					
Certificate	NL0012993752	AKZO 90.26BS OPENB	EUR	15,8150	16,4950	15,8150			16,4950					
Certificate	DE000VAGT1W5	AKZO 90.44TS OPENV	EUR	2,0985	2,0985	2,0985			2,0985					
Certificate	DE000VA4Y0Z5	AKZO 91.86TS OPENV	EUR	1,7545	1,7545	1,7545			1,7545					
Certificate	DE000VL8XHY9	AKZO 92.58TS OPENV	EUR	1,5475	1,5475	1,5475			1,5475					
Certificate	DE000CV87598	AKZO 93.45TS OPENZ	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	DE000CJ3N5K1	ALGN 208.4TL OPENZ	EUR	2,0150	2,0150	2,0150			2,0150					
Certificate	DE000CV8ALJ1	ALGN 253.6TL OPENZ	EUR	1,2250	1,2250	1,2250			1,2250					
Certificate	DE000CV8ALK9	ALGN 303.9TL OPENZ	EUR	0,3650	0,3650	0,3650			0,3650					
Certificate	NL0011054143	ALLIA 109TL OPENH	EUR	8,2900	8,2900	8,2200			8,2200					
Certificate	NL0011989314	ALLIA 125TL OPENH	EUR	6,8000	6,8000	6,7300			6,7300					
Certificate	NL0012033328	ALLIA 135TL OPENB	EUR	5,9150	5,9150	5,8450			5,8450					
Certificate	NL0010381430	ALLIA 77.7TL OPENB	EUR	11,1750	11,1750	11,1750			11,1750					
Certificate	NL0010657888	ALLIA 88.9TL OPENB	EUR	10,1350	10,1350	10,1350			10,1350					
Certificate	NL0011054150	ALLIA 92.1TL OPENH	EUR	9,8700	9,8700	9,8100			9,8100					
Certificate	NL0010894275	ALLIA 96.6TL OPENB	EUR	9,4950	9,4950	9,4250			9,4250					
Certificate	NL0011895669	ALLIA102.4TL OPENH	EUR	8,9100	8,9100	8,8500			8,8500					
Certificate	NL0010907051	ALLIA102.6TL OPENB	EUR	8,9350	8,9350	8,8650			8,8650					
Certificate	NL0011934575	ALLIA112.8TL OPENH	EUR	7,9400	7,9400	7,8700			7,8700					
Certificate	DE000CD624U9	ALLIA118.2TL OPENZ	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	NL0011979687	ALLIA119.9TL OPENH	EUR	7,2700	7,2700	7,2100			7,2100					
Certificate	NL0012030274	ALLIA127.7TL OPENB	EUR	6,5950	6,5950	6,5250			6,5250					
Certificate	DE000CD63LE2	ALLIA135.1TL OPENZ	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	NL0011993514	ALLIA135.2TL OPENH	EUR	5,8400	5,8400	5,7800			5,7800					
Certificate	NL0012057418	ALLIA140.3TL OPENH	EUR	5,3700	5,3700	5,3000			5,3000					
Certificate	NL0012103477	ALLIA142.4TL OPENB	EUR	5,2350	5,2350	5,1550			5,1550					
Certificate	NL0012175087	ALLIA150.4TL OPENH	EUR	4,4200	4,4200	4,3500			4,3500					
Certificate	DE000CE6BW57	ALLIA152.9TL OPENZ	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	NL0012214043	ALLIA159.6TL OPENH	EUR	3,5600	3,5600	3,5000			3,5000					
Certificate	NL0012275937	ALLIA166.3TL OPENB	EUR	3,0050	3,0050	2,9350			2,9350					
Certificate	NL0012599963	ALLIA168.9TL OPENH	EUR	2,6900	2,6900	2,6300			2,6300					
Certificate	DE000CV8A4H5	ALLIA172.8TL OPENZ	EUR	1,1200	1,1200	1,1200			1,1200					
Certificate	NL0012981740	ALLIA174.7TL OPENB	EUR	2,2250	2,2250	2,1550			2,1550					
Certificate	NL0012897755	ALLIA175.2TL OPENH	EUR	2,1000	2,1000	2,0300			2,0300					
Certificate	NL0012898892	ALLIA180.2TL OPENH	EUR	1,6300	1,6300	1,5700			1,5700					
Certificate	NL0012902126	ALLIA185.1TL OPENH	EUR											
Certificate	NL0013009897	ALLIA196.7TS OPENB	EUR	2,7950	2,8750	2,7950			2,8750					
Certificate	NL0012498323	ALLIA216.1TS OPENB	EUR	4,9050	4,9750	4,9050			4,9750					
Certificate	NL0013002918	ALLIA237.8TS OPENB	EUR	7,2450	7,3150	7,2450			7,3150					
Certificate	NL0009173202	ALPHA 241TL OPENB	EUR	155,0100	155,0100	155,0100			155,0100					



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	NL0010655296	ALPHA 513TL OPENB	EUR	54,3600	54,3600	54,3600			54,3600					
Certificate	DE000CX59BC3	ALPHA 725TL OPENC	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	DE000CX59H44	ALPHA 725TL OPENC	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	DE000CY50R81	ALPHA 800TL OPENC	EUR	2,2900	2,2900	2,0600	687,0000	1	2,0600	300				
Certificate	DE000CY50R99	ALPHA 850TL OPENC	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	DE000CP06800	ALPHA 900TL OPENC	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	DE000CY50Z08	ALPHA 900TL OPENC	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	DE000CY50RA0	ALPHA 900TL OPENC	EUR	1,3900	1,4000	1,1300	139,0000	1	1,1300	100				
Certificate	DE000CQ5AG38	ALPHA 950TL OPENC	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	DE000CY51103	ALPHA 950TL OPENC	EUR	1,0300	1,0400	0,7600	206,0000	1	0,7600	200				
Certificate	DE000CY51MV5	ALPHA 950TL OPENC	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000CP06UK3	ALPHA 1050TL OPENC	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	DE000CP07B35	ALPHA 1050TL OPENC	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CQ58A90	ALPHA 1050TL OPENC	EUR											
Certificate	DE000CQ58154	ALPHA 1050TL OPENC	EUR											
Certificate	DE000CP07B43	ALPHA 1075TL OPENC	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	DE000CP06XV4	ALPHA 1075TL OPENC	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	DE000CQ58J26	ALPHA 1100TL OPENC	EUR											
Certificate	DE000CP06UL1	ALPHA 1125TS OPENC	EUR											
Certificate	DE000CP07B50	ALPHA 1150TS OPENC	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	DE000CP06UM9	ALPHA 1150TS OPENC	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000CY51XY6	ALPHA 1200TS OPENC	EUR											
Certificate	DE000CY51Z00	ALPHA 1200TS OPENC	EUR											
Certificate	DE000CP067D3	ALPHA 1225TS OPENC	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	DE000CP06LB1	ALPHA 1225TS OPENC	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	DE000CP064H1	ALPHA 1250TS OPENC	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000CP06545	ALPHA 1250TS OPENC	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	DE000CP064J7	ALPHA 1275TS OPENC	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000CP06552	ALPHA 1275TS OPENC	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	DE000CY52RR0	ALPHA 1300TS OPENC	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	DE000CP062Y0	ALPHA 1300TS OPENC	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	DE000CP06156	ALPHA 1300TS OPENC	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	DE000CY52N26	ALPHA 1300TS OPENC	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	DE000CQ58VV6	ALPHA 1350TS OPENC	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	DE000CY52RS8	ALPHA 1350TS OPENC	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	DE000CQ58VW4	ALPHA 1400TS OPENC	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	DE000CQ58U05	ALPHA 1400TS OPENC	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	NL0000458222	ALPHA121.3TL OPENB	EUR	173,1400	173,1400	173,1400			173,1400					
Certificate	NL0000451201	ALPHA158.7TL OPENB	EUR	167,4600	167,4600	167,4600			167,4600					
Certificate	NL0010655791	ALPHA409.9TL OPENB	EUR	62,5200	62,5200	62,5200			62,5200					
Certificate	NL0010285276	ALPHA435.8TL OPENB	EUR	125,5300	125,5300	125,5300			125,5300					
Certificate	NL0010655668	ALPHA455.6TL OPENB	EUR	58,9000	58,9000	58,9000			58,9000					
Certificate	DE000CF80798	ALPHA477.9TL OPENC	EUR	9,3800	9,3800	9,3800			9,3800					
Certificate	NL0010381026	ALPHA479.3TL OPENB	EUR	118,9400	118,9400	118,9400			118,9400					
Certificate	DE000CC16U28	ALPHA493.6TL OPENC	EUR	9,0600	9,0600	9,0600			9,0600					
Certificate	NL0010520110	ALPHA531.6TL OPENB	EUR	111,0200	111,0200	111,0200			111,0200					
Certificate	DE000CW42518	ALPHC 600TL OPENC	EUR	17,2500	17,2500	17,2500			17,2500					
Certificate	NL0011912944	ALPHC 776TL OPENB	EUR	33,5200	33,5200	33,5200			33,5200					
Certificate	DE000CX0KNF9	ALPHC 850TS OPENC	EUR											
Certificate	DE000CV8AGG7	ALPHC 930TL 1218Z	EUR	1,4650	1,4650	1,4650			1,4650					
Certificate	DE000CV89WN7	ALPHC 1017TL OPENZ	EUR	9,3100	9,3600	6,2900	12283,2500	9	6,6600	1400				
Certificate	DE000CV8AL53	ALPHC 1030TL 1218Z	EUR	0,6050	0,6050	0,6050			0,6050					
Certificate	NL0012777973	ALPHC 1041TS OPENB	EUR											
Certificate	DE000CJ3N179	ALPHC 1086TL OPENZ	EUR											
Certificate	NL0013008873	ALPHC 1126BS OPENB	EUR											
Certificate	NL0013009905	ALPHC 1148TS OPENB	EUR	16,0900	16,0900	16,0900			16,0900					
Certificate	NL0013007693	ALPHC 1182BS OPENB	EUR	8,8100	8,8100	8,8100			8,8100					
Certificate	NL0013005499	ALPHC 1205TS OPENB	EUR	21,6500	21,6500	21,6500			21,6500					
Certificate	NL0012994784	ALPHC 1241BS OPENB	EUR	13,9500	13,9500	13,9500			13,9500					
Certificate	NL0012985980	ALPHC 1266TS OPENB	EUR	27,5100	27,5100	27,5100			27,5100					
Certificate	DE000CV89986	ALPHC 1295TS OPENZ	EUR	1,7950	1,7950	1,7950			1,7950					
Certificate	NL0012973697	ALPHC 1303BS OPENB	EUR	19,3600	19,3600	19,3600			19,3600					
Certificate	NL0013004211	ALPHC 1329TS OPENB	EUR	33,6100	33,6100	33,6100			33,6100					
Certificate	NL0012983969	ALPHC 1368BS OPENB	EUR	25,0300	25,0300	25,0300			25,0300					
Certificate	DE000CV89AX2	ALPHC 1396TS OPENZ	EUR	2,6750	2,6750	2,6750			2,6750					
Certificate	DE000CV8A8N4	ALPHC 1597TS OPENZ	EUR	4,4250	4,4250	4,4250			4,4250					
Certificate	DE000CB1NEW1	ALPHC 540.TL OPENZ	EUR	47,9500	47,9500	47,9500			47,9500					
Certificate	NL0011910112	ALPHC 777.BL OPENB	EUR	28,1800	28,1800	28,1800			28,1800					
Certificate	NL0011048103	ALPHC446.8TL OPENH	EUR	61,2600	61,2600	59,5900			59,5900					
Certificate	NL0011239355	ALPHC574.4TL OPENH	EUR	51,1500	51,1500	49,4600			49,4600					
Certificate	NL0011263363	ALPHC611.3TL OPENB	EUR	46,5700	46,5700	46,5700			46,5700					
Certificate	NL0011239330	ALPHC618.3TL OPENH	EUR	47,6700	47,6700	45,9700			45,9700					



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	NL0011428990	ALPHC641.2TL OPENB	EUR	44,2000	44,2000	44,2000			44,2000					
Certificate	NL0011438239	ALPHC672.4TL OPENB	EUR	41,7300	41,7300	41,7300			41,7300					
Certificate	DE000CR9QSE7	ALPHC680.6TL OPENZ	EUR	35,7100	35,7100	35,7100			35,7100					
Certificate	NL0011637087	ALPHC705.8TL OPENB	EUR	39,0900	39,0900	39,0900			39,0900					
Certificate	DE000CV89WR8	ALPHC714.8TL OPENZ	EUR	32,7600	32,7600	32,7600			32,7600					
Certificate	NL0011906193	ALPHC739.9TL OPENB	EUR	36,3900	36,3900	36,3900			36,3900					
Certificate	DE000CV89WQ0	ALPHC815.8TL OPENZ	EUR	25,9200	25,9200	23,9900	207,3600	1	23,9900	8				
Certificate	DE000CV89WP2	ALPHC916.6TL OPENZ	EUR	15,2700	15,2700	15,2700			15,2700					
Certificate	NL0011988902	ALSTO 23.2TL OPENH	EUR	1,6800	1,6900	1,6800			1,6900					
Certificate	NL0012027031	ALSTO 23.6TL OPENB	EUR	1,6450	1,6550	1,6450			1,6550					
Certificate	NL0012520712	ALSTO 31.8TL OPENH	EUR	0,8800	0,8900	0,8800			0,8900					
Certificate	NL0012541270	ALSTO 32.8TL OPENH	EUR	0,7800	0,8000	0,7800			0,8000					
Certificate	NL0012595888	ALSTO 34.8TL OPENH	EUR	0,6000	0,6100	0,6000			0,6100					
Certificate	NL0012900187	ALSTO 41.2TS OPENH	EUR	0,6200	0,6200	0,6000			0,6000					
Certificate	NL0012862288	ALSTO 51.1TS OPENH	EUR	1,6900	1,6900	1,6700			1,6700					
Certificate	NL0011892815	ALSTO19.57TL OPENH	EUR	2,0100	2,0300	2,0100			2,0300					
Certificate	NL0011926688	ALSTO20.61TL OPENH	EUR	1,9200	1,9300	1,9200			1,9300					
Certificate	NL0011934567	ALSTO21.63TL OPENH	EUR	1,8200	1,8400	1,8200			1,8400					
Certificate	NL0011970728	ALSTO22.14TL OPENH	EUR	1,7700	1,7900	1,7700			1,7900					
Certificate	NL0011971544	ALSTO22.65TL OPENH	EUR	1,7300	1,7400	1,7300			1,7400					
Certificate	NL0012048987	ALSTO24.23TL OPENH	EUR	1,5800	1,5900	1,5800			1,5900					
Certificate	NL0011993506	ALSTO24.74TL OPENH	EUR	1,5300	1,5500	1,5300			1,5500					
Certificate	DE000CV508X6	ALSTO25.51TL OPENZ	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	NL0012205710	ALSTO25.74TL OPENH	EUR	1,4400	1,4500	1,4400			1,4500					
Certificate	NL0012205702	ALSTO26.25TL OPENH	EUR	1,3900	1,4100	1,3900			1,4100					
Certificate	NL0012214035	ALSTO27.24TL OPENH	EUR	1,3000	1,3100	1,3000			1,3100					
Certificate	NL0012214027	ALSTO27.75TL OPENH	EUR	1,2500	1,2700	1,2500			1,2700					
Certificate	NL0012242572	ALSTO28.77TL OPENH	EUR	1,1600	1,1700	1,1600			1,1700					
Certificate	NL0012242564	ALSTO29.28TL OPENH	EUR	1,1100	1,1200	1,1100			1,1200					
Certificate	DE000CV508Y4	ALSTO30.51TL OPENZ	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	NL0012520373	ALSTO30.78TL OPENH	EUR	0,9700	0,9800	0,9700			0,9800					
Certificate	NL0012775613	ALSTO33.75TL OPENB	EUR	0,6950	0,7050	0,6950			0,7050					
Certificate	DE000CV88QZ5	ALSTO35.48TL OPENZ	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	NL0012782254	ALSTO35.73TL OPENB	EUR	0,5150	0,5250	0,5150			0,5250					
Certificate	NL0012888556	ALSTO35.78TL OPENH	EUR	0,5000	0,5200	0,5000			0,5200					
Certificate	NL0012891121	ALSTO36.77TL OPENH	EUR											
Certificate	NL0013084122	ALSTO37.24TL OPENH	EUR	0,3700	0,3800	0,3700			0,3800					
Certificate	NL0013009913	ALSTO39.76TS OPENB	EUR	0,4650	0,4650	0,4550			0,4550					
Certificate	NL0012904999	ALSTO40.24TS OPENH	EUR	0,5100	0,5100	0,5000			0,5000					
Certificate	NL0012521330	ALSTO42.18TS OPENH	EUR	0,7200	0,7200	0,7100			0,7100					
Certificate	NL0012783856	ALSTO42.68TS OPENB	EUR	0,7850	0,7850	0,7650			0,7650					
Certificate	NL0012864516	ALSTO44.18TS OPENH	EUR	0,9400	0,9400	0,9200			0,9200					
Certificate	NL0012849251	ALSTO45.11TS OPENH	EUR	1,0400	1,0400	1,0300			1,0300					
Certificate	NL0012997829	ALSTO45.75TS OPENB	EUR	1,1150	1,1150	1,1050			1,1050					
Certificate	NL0012555437	ALSTO46.54TS OPENH	EUR	1,1900	1,1900	1,1800			1,1800					
Certificate	DE000CP06XM3	ALTIA 2TL OPENC	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	DE000CP07AP2	ALTIA 2TL OPENC	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	NL0012900237	ALTIA 2TL OPENH	EUR	0,6100	0,6300	0,6100			0,6300					
Certificate	DE000CV89333	ALTIA 2TL OPENZ	EUR	0,5550	0,5600	0,5400	1120,0000	1	0,5400	2000				
Certificate	DE000CP07AS6	ALTIA 3TS OPENC	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	DE000CP06XQ4	ALTIA 3TS OPENC	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	NL0012899918	ALTIA 3TS OPENH	EUR	1,0800	1,0800	1,0600			1,0600					
Certificate	DE000CY51XH1	ALTIA 16TS OPENC	EUR											
Certificate	DE000CY51KG0	ALTIA 18TS OPENC	EUR											
Certificate	NL0012494504	ALTIA 23BOC1218B	EUR	9,0800	9,0800	9,0400			9,0400					
Certificate	NL0012911606	ALTIA 1.3TL OPENH	EUR	1,2300	1,2500	1,2300			1,2500					
Certificate	DE000CP07AN7	ALTIA 1.5TL OPENC	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	DE000CP06XLS	ALTIA 1.5TL OPENC	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	NL0012911598	ALTIA 1.7TL OPENH	EUR	0,8600	0,9000	0,8600	126,0000	1	0,8800	140				
Certificate	NL0012902811	ALTIA 2.2TL OPENH	EUR	0,4300	0,5200	0,4300	1560,0000	1	0,4500	3000				
Certificate	DE000CP06XP6	ALTIA 2.5TS OPENC	EUR											
Certificate	DE000CP07AR8	ALTIA 2.5TS OPENC	EUR											
Certificate	DE000CV887M7	ALTIA 2.7TS OPENZ	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	NL0012891139	ALTIA 2.8TS OPENH	EUR	0,8500	0,8500	0,8300			0,8300					
Certificate	NL0012920003	ALTIA 3.5TS OPENH	EUR	1,5800	1,5800	1,5600			1,5600					
Certificate	NL0012796320	ALTIA 3.6BOC0919Z	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000CV89FY9	ALTIA 3.6TS OPENZ	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	NL0012911507	ALTIA 3.8TS OPENH	EUR	1,8900	1,8900	1,8700			1,8700					
Certificate	NL0012911499	ALTIA 3.9TS OPENH	EUR	2,0000	2,0000	1,9800			1,9800					
Certificate	NL0012911481	ALTIA 4.3TS OPENH	EUR	2,4400	2,4400	2,4200			2,4200					
Certificate	NL0012911473	ALTIA 4.7TS OPENH	EUR	2,8800	2,8800	2,8600			2,8600					
Certificate	NL0012692149	ALTIA 4.8TL OPENB	EUR	4,6100	4,6100	4,5600			4,5600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012916951	ALTIA 5.1TS OPENH	EUR	3,3200	3,3200	3,3000			3,3000					
Certificate	NL0012511117	ALTIA 5.8TL OPENB	EUR	3,6800	3,6800	3,6300			3,6300					
Certificate	NL0012511125	ALTIA 6.3TL OPENB	EUR	3,2700	3,2700	3,2200			3,2200					
Certificate	NL0012780712	ALTIA 6.8TL OPENB	EUR	2,7600	2,7600	2,7100			2,7100					
Certificate	NL0012782262	ALTIA 7.3TL OPENB	EUR	2,3000	2,3000	2,2500			2,2500					
Certificate	DE000CV88CQ3	ALTIA 1.55TL OPENZ	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	DE000CV8ANY6	ALTIA 1.77TL OPENZ	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	NL0012986988	ALTIA 1.86TL OPENB	EUR	0,6150	0,7400	0,6150	1438,1200	2	0,6450	2038				
Certificate	NL0012509582	ALTIA 10.9TS OPENB	EUR	2,7400	2,7900	2,7400			2,7900					
Certificate	DE000CJ3NN23	ALTIA 2.16TL OPENZ	EUR	0,3900	0,3900	0,3900			0,3900					
Certificate	DE000CP07AQ0	ALTIA 2.25TL OPENC	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	DE000CP06XN1	ALTIA 2.25TL OPENC	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	DE000CJ3PB09	ALTIA 2.31TL OPENZ	EUR											
Certificate	DE000CJ3N3F6	ALTIA 2.31TL OPENZ	EUR											
Certificate	NL0013011950	ALTIA 2.338L OPENB	EUR											
Certificate	DE000CV8B3K0	ALTIA 2.66TL OPENZ	EUR											
Certificate	DE000CV8B3L8	ALTIA 2.68TS OPENZ	EUR											
Certificate	NL0013004922	ALTIA 2.98TS OPENB	EUR	0,8750	0,8750	0,8550			0,8550					
Certificate	DE000CV8A450	ALTIA 3.15TS OPENZ	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	DE000CV89V42	ALTIA 3.31TL OPENZ	EUR											
Certificate	NL0012512321	ALTIA 3.558L OPENB	EUR	6,0100	6,0100	5,9600			5,9600					
Certificate	NL0012996813	ALTIA1.3268L OPENB	EUR	1,1850	1,2350	1,1850	123,0000	1	1,2050	100				
Certificate	NL0012986780	ALTIA1.5278L OPENB	EUR	0,9850	1,0550	0,9850	210,0000	1	1,0050	200				
Certificate	NL0012996987	ALTIA1.709TL OPENB	EUR	0,7500	0,7800	0,7500			0,7800					
Certificate	NL0012995336	ALTIA1.7288L OPENB	EUR	0,7850	0,8050	0,7850			0,8050					
Certificate	NL0012986491	ALTIA1.9288L OPENB	EUR	0,5850	0,7050	0,5850	14856,6400	11	0,6050	23256				
Certificate	NL0012509335	ALTIA1.4285 OPENB	EUR	2,8300	2,8800	2,8300			2,8800					
Certificate	NL0012791750	ALTIA2.013TL OPENB	EUR	0,4700	0,5900	0,4700	15656,7500	7	0,5000	28485				
Certificate	NL0013001050	ALTIA2.1288L OPENB	EUR	0,3850	0,4400	0,3850	4400,0000	2	0,4050	10000				
Certificate	NL0013002819	ALTIA2.162TL OPENB	EUR	0,3350	0,4600	0,3350	2900,0000	5	0,3650	6500				
Certificate	NL0013007313	ALTIA2.482TS OPENB	EUR											
Certificate	NL0012994404	ALTIA2.5618S OPENB	EUR	0,3750	0,3750	0,3050	1360,5000	2	0,3550	4350				
Certificate	NL0012994271	ALTIA2.727TS OPENB	EUR	0,6050	0,6050	0,4950	3210,0000	2	0,5750	6000				
Certificate	NL0012993760	ALTIA2.8118S OPENB	EUR	0,6250	0,6250	0,6050			0,6050					
Certificate	NL0012511752	ALTIA4.5748L OPENB	EUR	4,9800	4,9800	4,9300			4,9300					
Certificate	NL0012510200	ALTIA5.5988L OPENB	EUR	3,9600	3,9600	3,9100			3,9100					
Certificate	NL0010660379	ALUMI 1630TL OPENB	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	NL0009993039	ALUMI 2640TS OPENB	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	NL0011047923	AMAZO 252TL OPENH	EUR	138,6100	138,6100	136,4500			136,4500					
Certificate	DE000C8AYC2	AMAZO 380TL OPENC	EUR	23,4700	23,4700	23,4700			23,4700					
Certificate	NL0011047881	AMAZO 385TL OPENH	EUR	128,1000	128,1000	125,9300			125,9300					
Certificate	DE000CX00PX3	AMAZO 475TL OPENC	EUR	10,9200	10,9200	10,9200			10,9200					
Certificate	DE000CX00P28	AMAZO 520TL OPENC	EUR											
Certificate	NL0011720560	AMAZO 562TL OPENH	EUR	114,0200	114,0200	111,8500			111,8500					
Certificate	NL0011728126	AMAZO 637TL OPENH	EUR	108,0800	108,0800	105,8700			105,8700					
Certificate	DE000CX01LD2	AMAZO 650TL OPENC	EUR	9,2200	9,2200	9,2200			9,2200					
Certificate	DE000CX01MT6	AMAZO 680TL OPENC	EUR	9,1900	9,1900	9,1900			9,1900					
Certificate	NL0011731658	AMAZO 680TL OPENH	EUR	104,7200	104,7200	102,5100			102,5100					
Certificate	DE000CX59134	AMAZO 700TL OPENC	EUR	8,8100	8,8100	8,8100			8,8100					
Certificate	DE000CX59XY1	AMAZO 750TL OPENC	EUR											
Certificate	NL0011996442	AMAZO 778TL OPENH	EUR	96,9700	96,9700	94,7900			94,7900					
Certificate	DE000CY50Y09	AMAZO 800TL OPENC	EUR	8,4800	8,4800	8,4800			8,4800					
Certificate	DE000CY50V93	AMAZO 800TL OPENC	EUR	8,1800	8,1800	8,1800			8,1800					
Certificate	DE000CX01LH3	AMAZO 800TS OPENC	EUR											
Certificate	DE000CY50QX4	AMAZO 850TL OPENC	EUR	7,7000	7,7000	7,7000			7,7000					
Certificate	DE000CY50QY2	AMAZO 900TL OPENC	EUR	7,2300	7,2300	7,2300			7,2300					
Certificate	DE000CY50Y17	AMAZO 900TL OPENC	EUR	7,5900	7,5900	7,5900			7,5900					
Certificate	DE000CY51YV0	AMAZO 1000TL OPENC	EUR	6,8100	6,8100	6,8100			6,8100					
Certificate	DE000CY51VD4	AMAZO 1000TL OPENC	EUR	6,4200	6,4200	6,4200			6,4200					
Certificate	DE000CJ3N5L9	AMAZO 1075TL OPENZ	EUR	6,2800	6,2800	6,2800			6,2800					
Certificate	DE000CY525E7	AMAZO 1100TL OPENC	EUR	5,9300	5,9300	5,9300			5,9300					
Certificate	DE000CY524W2	AMAZO 1100TL OPENC	EUR	5,5100	5,5100	5,5100			5,5100					
Certificate	DE000CV899R1	AMAZO 1126TL OPENZ	EUR											
Certificate	DE000CY52MT7	AMAZO 1200TL OPENC	EUR	5,1600	5,1600	5,1600			5,1600					
Certificate	DE000CY52Q98	AMAZO 1200TL OPENC	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	DE000CV89WV0	AMAZO 1226TL OPENZ	EUR	4,9650	4,9650	4,9650			4,9650					
Certificate	DE000CQ5A1C5	AMAZO 1300TL OPENC	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	DE000CQ5AKR9	AMAZO 1400TL OPENC	EUR	3,9000	3,9000	3,6400	390,0000	1	3,6400	100				
Certificate	DE000CQ5AHV7	AMAZO 1400TL OPENC	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	DE000VA7TG88	AMAZO 1422TL OPENV	EUR	35,1150	35,1150	32,8650			32,8650					
Certificate	DE000CV89WU2	AMAZO 1428TL OPENZ	EUR	3,2150	3,2150	3,2150			3,2150					
Certificate	DE000VA7TG96	AMAZO 1442TL OPENV	EUR	33,3750	33,3750	31,1250			31,1250					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA7THA2	AMAZO 1462TL OPENV	EUR	31,6350	31,6350	29,3850			29,3850					
Certificate	DE000VA7THB0	AMAZO 1482TL OPENV	EUR	29,8850	29,8850	27,6350			27,6350					
Certificate	DE000CQ5AX78	AMAZO 1500TL OPENC	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	DE000VA7TDL8	AMAZO 1512TL OPENV	EUR	27,1450	27,1800	24,8950	5418,0000	2	24,8950	200				
Certificate	DE000CV89WT4	AMAZO 1529TL OPENZ	EUR	2,3500	2,3500	2,3450	352,5000	1	2,3450	150				
Certificate	DE000VA7TAY7	AMAZO 1542TL OPENV	EUR	24,5350	24,5500	22,2750	417,3500	1	22,2750	17				
Certificate	DE000VAGEEG0	AMAZO 1561TL OPENV	EUR	22,4550	23,0300	20,1950	7300,8000	4	20,1950	325				
Certificate	DE000VAGEEH8	AMAZO 1581TL OPENV	EUR	20,7050	20,7050	18,4450			18,4450					
Certificate	DE000CQ5BE63	AMAZO 1600TL OPENC	EUR	1,6500	1,6500	1,3900	165,0000	1	1,3900	100				
Certificate	DE000CQ5BHS1	AMAZO 1600TL OPENC	EUR	2,0500	2,1000	2,0300	307,5000	1	2,1000	150				
Certificate	DE000VAGEEJ4	AMAZO 1601TL OPENV	EUR	18,9550	18,9550	16,6950			16,6950					
Certificate	DE000VASRK52	AMAZO 1624TL OPENV	EUR	16,3450	16,3450	14,0750			14,0750					
Certificate	DE000CV89WS6	AMAZO 1630TL OPENZ	EUR	1,7500	1,7500	1,4700	4533,5000	3	1,4950	2800				
Certificate	DE000VASRK60	AMAZO 1649TL OPENV	EUR	14,1550	14,1550	11,9550			11,9550					
Certificate	DE000VA7THC8	AMAZO 1682TL OPENV	EUR	12,4750	12,4750	11,0700			11,0700					
Certificate	DE000CP06XR2	AMAZO 1700TL OPENC	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000CQ5BPS4	AMAZO 1700TL OPENC	EUR											
Certificate	DE000VA7THD6	AMAZO 1702TL OPENV	EUR	11,1150	11,1150	10,3850			10,3850					
Certificate	DE000CJ3N7W2	AMAZO 1709TL OPENZ	EUR	1,1300	1,1300	0,8350	125,4300	1	0,8350	111				
Certificate	DE000VA7THE4	AMAZO 1722TL OPENV	EUR	10,6875	11,2800	9,7000	451,1000	2	9,7000	40				
Certificate	DE000CV89Z24	AMAZO 1738TL OPENZ	EUR											
Certificate	DE000VA71TK1	AMAZO 1742TL OPENV	EUR	9,7400	9,7400	9,0285			9,0285					
Certificate	DE000VASRLA2	AMAZO 1749TL OPENV	EUR											
Certificate	DE000CQ5A5T0	AMAZO 1750TS OPENC	EUR											
Certificate	DE000VA71XF3	AMAZO 1762TL OPENV	EUR	9,0600	9,0600	8,3555			8,3555					
Certificate	DE000VASRLB0	AMAZO 1774TL OPENV	EUR											
Certificate	DE000CV8APA1	AMAZO 1780TL 0319Z	EUR											
Certificate	DE000VA71XG1	AMAZO 1782TL OPENV	EUR	8,3700	8,3700	7,1445			7,1445					
Certificate	DE000CJ3PDQ8	AMAZO 1789TL OPENZ	EUR											
Certificate	DE000CP060Y4	AMAZO 1800TL OPENC	EUR											
Certificate	DE000CQ5BVD4	AMAZO 1800TL OPENC	EUR											
Certificate	DE000CP06UA4	AMAZO 1800TS OPENC	EUR											
Certificate	DE000VA71XH9	AMAZO 1802TL OPENV	EUR	7,5675	7,5675	7,5675			7,5675					
Certificate	DE000VA7TGY4	AMAZO 1817TS OPENV	EUR											
Certificate	DE000CJ3N187	AMAZO 1818TL OPENZ	EUR											
Certificate	DE000VA71XJ5	AMAZO 1822TL OPENV	EUR	6,7570	6,7570	6,7570			6,7570					
Certificate	NL0013008881	AMAZO 1830BS OPENB	EUR											
Certificate	DE000VA7TGZ1	AMAZO 1837TS OPENV	EUR											
Certificate	NL0013009921	AMAZO 1857TS OPENB	EUR	18,4650	18,4650	18,4650			18,4650					
Certificate	DE000VA7TG13	AMAZO 1857TS OPENV	EUR	8,2085	9,3400	8,2085			9,3400					
Certificate	DE000VA7TG39	AMAZO 1877TS OPENV	EUR	8,8990	10,0250	8,8990			10,0250					
Certificate	DE000CJ3N5Y2	AMAZO 1885TS OPENZ	EUR	0,8650	0,8650	0,8650			0,8650					
Certificate	DE000VA7TG62	AMAZO 1897TS OPENV	EUR	9,5900	10,7100	9,5900			10,7100					
Certificate	DE000CP06UB2	AMAZO 1900TS OPENC	EUR	1,0300	1,0300	0,9800	721,0000	1	0,9800	700				
Certificate	DE000VA7TDK0	AMAZO 1917TS OPENV	EUR	10,2700	11,3850	10,2700			11,3850					
Certificate	NL0013006950	AMAZO 1922BS OPENB	EUR	11,9250	11,9250	11,9250			11,9250					
Certificate	DE000VA7TAX9	AMAZO 1937TS OPENV	EUR	10,9600	12,6950	10,9600			12,6950					
Certificate	NL0013009939	AMAZO 1949TS OPENB	EUR	27,2050	27,2050	27,2050			27,2050					
Certificate	DE000VA7PVB3	AMAZO 1957TS OPENV	EUR	12,1650	14,4250	12,1650			14,4250					
Certificate	DE000VA7PV91	AMAZO 1977TS OPENV	EUR	13,8950	16,1750	13,8950			16,1750					
Certificate	DE000VA7PU68	AMAZO 1997TS OPENV	EUR	15,6150	17,8950	15,6150			17,8950					
Certificate	DE000CP06UC0	AMAZO 2000TS OPENC	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	DE000CP07AU2	AMAZO 2000TS OPENC	EUR	2,6700	2,6700	2,6700			2,6700					
Certificate	DE000VA7PU76	AMAZO 2017TS OPENV	EUR	17,3550	19,6350	17,3550			19,6350					
Certificate	NL0013004724	AMAZO 2018BS OPENB	EUR	20,2950	20,2950	20,2950			20,2950					
Certificate	DE000CJ3N039	AMAZO 2035TS OPENZ	EUR	2,1250	2,1250	2,1250			2,1250					
Certificate	DE000VA7PN26	AMAZO 2037TS OPENV	EUR	19,0850	21,3650	19,0850			21,3650					
Certificate	NL0012997092	AMAZO 2047TS OPENB	EUR	36,4250	36,4250	36,4250			36,4250					
Certificate	DE000VASRK11	AMAZO 2061TS OPENV	EUR	20,8150	23,1050	20,8150			23,1050					
Certificate	DE000VASRK29	AMAZO 2086TS OPENV	EUR	22,9850	25,2750	22,9850			25,2750					
Certificate	DE000CQ5BPV8	AMAZO 2100TS OPENC	EUR	2,6300	2,6300	2,6000	328,7500	1	2,6000	125				
Certificate	DE000VASRK37	AMAZO 2111TS OPENV	EUR	25,1550	27,4450	25,1550			27,4450					
Certificate	NL0012989222	AMAZO 2119BS OPENB	EUR	29,0750	29,0750	29,0750			29,0750					
Certificate	DE000VASRK45	AMAZO 2136TS OPENV	EUR	27,3250	29,6250	27,3250			29,6250					
Certificate	NL0012993489	AMAZO 2150TS OPENB	EUR	46,0750	46,0750	46,0750			46,0750					
Certificate	DE000VASRL36	AMAZO 2161TS OPENV	EUR	29,5050	31,8050	29,5050			31,8050					
Certificate	DE000VAG4OK6	AMAZO 2177TS OPENV	EUR	31,2650	33,5550	31,2650			33,5550					
Certificate	DE000CV89E76	AMAZO 2184TS OPENZ	EUR	3,4150	3,4150	3,4150			3,4150					
Certificate	DE000CQ5BVE2	AMAZO 2200TS OPENC	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	DE000CP06107	AMAZO 2200TS OPENC	EUR	3,5200	3,5200	3,5200			3,5200					
Certificate	DE000VASRQQ7	AMAZO 2210TS OPENV	EUR	33,8550	36,1550	33,8550			36,1550					
Certificate	NL0012993901	AMAZO 2225BS OPENB	EUR	38,3150	38,3150	38,3150			38,3150					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA6D963	AMAZO 2229TS OPENV	EUR	35,6250	37,9250	35,6250			37,9250					
Certificate	NL0012995104	AMAZO 2257TS OPENB	EUR	56,1850	56,1850	56,1850			56,1850					
Certificate	DE000VASRRK8	AMAZO 2260TS OPENV	EUR	38,1950	40,4950	38,1950			40,4950					
Certificate	DE000VA640L4	AMAZO 2277TS OPENV	EUR	39,9550	42,2650	39,9550			42,2650					
Certificate	DE000CP06115	AMAZO 2300TS OPENC	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	DE000VA6D302	AMAZO 2310TS OPENV	EUR	42,5450	44,8550	42,5450			44,8550					
Certificate	DE000VA6D310	AMAZO 2335TS OPENV	EUR	44,7150	47,0250	44,7150			47,0250					
Certificate	DE000CV8A3C8	AMAZO 2385TS OPENZ	EUR	5,1500	5,1500	5,1500			5,1500					
Certificate	DE000CP062V6	AMAZO 2400TS OPENC	EUR	6,2700	6,2700	6,2700			6,2700					
Certificate	NL0012033609	AMAZO 785.BL OPENB	EUR	88,6700	88,6700	88,6700			88,6700					
Certificate	NL0010117909	AMAZO236.5TL OPENB	EUR	137,1700	137,1700	137,1700			137,1700					
Certificate	NL0010439006	AMAZO288.9TL OPENB	EUR	132,9200	132,9200	132,9200			132,9200					
Certificate	NL0011090840	AMAZO398.8TL OPENB	EUR	124,0100	124,0100	124,0100			124,0100					
Certificate	NL0011796503	AMAZO587.1TL OPENB	EUR	108,7400	108,7400	108,7400			108,7400					
Certificate	NL0011797113	AMAZO616.4TL OPENB	EUR	106,3700	106,3700	106,3700			106,3700					
Certificate	NL0011801220	AMAZO647.1TL OPENB	EUR	103,8800	103,8800	103,8800			103,8800					
Certificate	NL0011804729	AMAZO678.9TL OPENB	EUR	101,3100	101,3100	101,3100			101,3100					
Certificate	NL0011807367	AMAZO712.4TL OPENB	EUR	98,5900	98,5900	98,5900			98,5900					
Certificate	NL0011903208	AMAZO741.3TL OPENB	EUR	96,2500	96,2500	96,2500			96,2500					
Certificate	NL0011899141	AMAZO747.7BL OPENB	EUR	92,0800	92,0800	92,0800			92,0800					
Certificate	DE000CD63X59	AMBEV3.635TL OPENZ	EUR	0,4050	0,4050	0,4050			0,4050					
Certificate	DE000CV8B4D3	AMD 23.3TL OPENZ	EUR	0,6200	0,6550	0,6200	294,5000	1	0,6550	475				
Certificate	DE000CN6K213	AMD 3.02TL OPENZ	EUR	20,8900	20,8900	20,8900			20,8900					
Certificate	DE000CD611G5	AMD 4.64TL OPENZ	EUR	19,5700	19,5700	19,5700			19,5700					
Certificate	DE000CD62BU1	AMD 6.19TL OPENZ	EUR	18,3100	18,3100	18,3100			18,3100					
Certificate	DE000CD63RW1	AMD 8.23TL OPENZ	EUR	16,6500	16,6500	16,6500			16,6500					
Certificate	DE000CV8A6C1	AMD 12.23TL OPENZ	EUR	2,5450	2,5450	2,5450			2,5450					
Certificate	DE000CV8A6D9	AMD 14.26TL OPENZ	EUR	2,1950	2,1950	2,1950			2,1950					
Certificate	DE000CV8B326	AMD 19.29TL OPENZ	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	DE000VA77DN4	AMD 20.16TL OPENV	EUR	6,1650	6,1650	5,8700			5,8700					
Certificate	DE000CV8B4C5	AMD 21.29TL OPENZ	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	DE000VA7PN67	AMD 22.14TL OPENV	EUR	4,4265	4,4265	4,1280			4,1280					
Certificate	DE000VA7PN75	AMD 23.14TL OPENV	EUR	3,5435	3,5435	3,3125	35,3900	1	3,3125	10				
Certificate	DE000VA7PN83	AMD 24.14TL OPENV	EUR	3,0455	3,0455	2,8815			2,8815					
Certificate	DE000VA7THF1	AMD 25.17TL OPENV	EUR	2,6970	2,6970	2,5930			2,5930					
Certificate	DE000CJ3PBG3	AMD 25.29TL OPENZ	EUR	0,3250	0,3250	0,3250			0,3250					
Certificate	DE000VA71XK3	AMD 26.18TL OPENV	EUR	2,4480	2,4480	2,2375			2,2375					
Certificate	DE000VA71XL1	AMD 27.18TL OPENV	EUR	2,0630	2,0630	2,0630			2,0630					
Certificate	DE000CJ3PDP0	AMD 27.29TL OPENZ	EUR											
Certificate	DE000VA7TDM6	AMD 27.48TS OPENV	EUR											
Certificate	DE000VA7PWA9	AMD 28.48TS OPENV	EUR											
Certificate	DE000CJ3N5X4	AMD 28.48TS OPENZ	EUR											
Certificate	DE000VA7PN34	AMD 29.48TS OPENV	EUR	2,8085	2,9375	2,8085			2,9375					
Certificate	DE000VA7PN42	AMD 30.48TS OPENV	EUR	3,2425	3,3725	3,2425			3,3725					
Certificate	DE000CJ3NY79	AMD 31.47TS OPENZ	EUR	0,8650	0,8650	0,8650			0,8650					
Certificate	DE000VA7PN59	AMD 31.48TS OPENV	EUR	3,9555	4,2350	3,9555			4,2350					
Certificate	DE000VA640M2	AMD 32.48TS OPENV	EUR	4,8245	5,1050	4,8245			5,1050					
Certificate	DE000VA64YG4	AMD 33.48TS OPENV	EUR	5,7050	5,9900	5,7050			5,9900					
Certificate	DE000VA64YH2	AMD 34.48TS OPENV	EUR	6,5750	6,8600	6,5750			6,8600					
Certificate	DE000CV8B8X2	AMD 34.97TS OPENZ	EUR	1,4550	1,4550	1,4550			1,4550					
Certificate	DE000VA64YJ8	AMD 35.48TS OPENV	EUR	7,4450	7,7400	7,4450			7,7400					
Certificate	DE000VA64YK6	AMD 36.48TS OPENV	EUR	8,3150	8,6100	8,3150			8,6100					
Certificate	DE000VA64YL4	AMD 37.48TS OPENV	EUR	9,1850	9,4800	9,1850			9,4800					
Certificate	DE000VA64YM2	AMD 38.48TS OPENV	EUR	10,0550	10,3500	10,0550			10,3500					
Certificate	DE000VA64YN0	AMD 39.48TS OPENV	EUR	10,9250	11,2200	10,9250			11,2200					
Certificate	DE000CJ3NJ94	AMD 39.97TS OPENZ	EUR	2,3150	2,3150	2,3150			2,3150					
Certificate	DE0006106701	AMEXB PI OPENN	EUR	435,3200	435,3200	435,3200			435,3200					
Certificate	NL0010045639	AMEXB 1352TL OPENB	EUR	321,9200	321,9200	321,9200			321,9200					
Certificate	NL0012795892	AMG LEVOPENZ	EUR	44,9500	44,9500	44,9500			44,9500					
Certificate	NL0012795934	AMG SHROPENZ	EUR	45,1700	45,1700	45,1700			45,1700					
Certificate	NL0012796106	AMG 42BON0919Z	EUR	40,8500	40,8500	40,8500			40,8500					
Certificate	NL0012796114	AMG 42BON1219Z	EUR	40,7300	40,7300	40,7300			40,7300					
Certificate	NL0011807862	AMG 9.8TL OPENB	EUR	31,4300	32,0300	31,4300			32,0300					
Certificate	NL0012268486	AMG 23.8TL OPENB	EUR	19,2700	19,8700	19,2700			19,8700					
Certificate	DE000CE648B2	AMG 27.9TL OPENZ	EUR	3,1400	3,1400	2,9400	816,4000	1	2,9400	260				
Certificate	NL0012777171	AMG 33.9TL OPENB	EUR	10,4800	12,0300	10,4800	1082,7000	1	11,0800	90				
Certificate	DE000CE6ZE9	AMG 33.9TL OPENZ	EUR	1,7900	2,0100	1,7900	50066,5000	18	1,8200	25900				
Certificate	NL0013011687	AMG 35.9TL OPENB	EUR	7,3200	8,8000	7,3200	8135,0000	2	7,9200	940				
Certificate	DE000CJ3PB17	AMG 36.4TL OPENZ	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000CJ3N3G4	AMG 36.4TL OPENZ	EUR											
Certificate	NL0013012644	AMG 37.9TL OPENB	EUR	5,5100	6,6600	5,5100	999,0000	1	6,1100	150				
Certificate	NL0009938802	AMG 4.65TL OPENB	EUR	36,4100	36,4100	36,4100			36,4100					



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	NL0011435904	AMG 5.64TL OPENB	EUR	35,0500	35,6500	35,0500			35,6500					
Certificate	NL0011906219	AMG 11.36TL OPENB	EUR	30,0900	30,6900	30,0900			30,6900					
Certificate	NL0011914601	AMG 12.39TL OPENB	EUR	29,1900	29,7900	29,1900			29,7900					
Certificate	NL0011914833	AMG 12.53TL OPENB	EUR	29,0700	29,6700	29,0700			29,6700					
Certificate	DE000CD62ZP0	AMG 13.19TL OPENZ	EUR	5,6600	5,6600	5,6600			5,6600					
Certificate	NL0012105324	AMG 15.61TL OPENB	EUR	26,3900	26,9900	26,3900			26,9900					
Certificate	NL0012114029	AMG 18.68TL OPENB	EUR	23,7100	24,3100	23,7100			24,3100					
Certificate	NL0012115042	AMG 19.73TL OPENB	EUR	22,8100	23,5000	22,8100	587,5000	1	23,4100	25				
Certificate	NL0012115224	AMG 20.75TL OPENB	EUR	21,9200	22,5200	21,9200			22,5200					
Certificate	DE000CE6BWQ6	AMG 21.18TL OPENZ	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	NL0012121313	AMG 21.74TL OPENB	EUR	21,0500	22,0000	21,0500	2200,0000	1	21,6500	100				
Certificate	DE000CE6CQE2	AMG 23.44TL OPENZ	EUR	3,7600	3,7600	3,7600			3,7600					
Certificate	NL0012269898	AMG 24.81TL OPENB	EUR	18,3900	19,6000	18,3900	11700,0000	2	18,9900	600				
Certificate	DE000CE6DGX1	AMG 25.69TL OPENZ	EUR	3,3800	3,3800	3,3500	338,0000	1	3,3500	100				
Certificate	NL0012278691	AMG 26.83TL OPENB	EUR	16,6300	17,2300	16,6300			17,2300					
Certificate	NL0012488977	AMG 27.85TL OPENB	EUR	15,7500	16,3500	15,7500			16,3500					
Certificate	NL0012490353	AMG 28.86TL OPENB	EUR	14,8700	15,4700	14,8700			15,4700					
Certificate	NL0012492144	AMG 29.86TL OPENB	EUR	14,0000	14,9900	14,0000	1499,0000	1	14,6000	100				
Certificate	DE000CE6EMT5	AMG 30.64TL OPENZ	EUR	2,6000	2,6000	2,4300	4530,0000	3	2,4300	1800				
Certificate	NL0012492151	AMG 30.87TL OPENB	EUR	13,1100	14,5000	13,1100	1450,0000	1	13,7100	100				
Certificate	NL0012497689	AMG 31.88TL OPENB	EUR	12,2400	12,8400	12,2400			12,8400					
Certificate	NL0012497697	AMG 32.89TL OPENB	EUR	11,3600	12,3100	11,3600	3077,5000	1	11,9600	250				
Certificate	NL0013009947	AMG 37.88TS OPENB	EUR											
Certificate	DE000CJ3N6W4	AMG 40.36TS OPENZ	EUR											
Certificate	NL0012995112	AMG 41.61TS OPENB	EUR	9,0900	9,0900	8,4500			8,4500					
Certificate	DE000CV8AY66	AMG 45.36TS OPENZ	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	NL0012990147	AMG 45.71TS OPENB	EUR	13,9100	13,9100	12,4600	25700,0000	2	13,2700	2000				
Certificate	DE000CV8ALW4	AMG 49.95TS OPENZ	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	DE000CV8A070	AMG 54.53TS OPENZ	EUR	3,7900	3,7900	3,7900			3,7900					
Certificate	NL0010133450	AMGEN 71.4TL OPENB	EUR	118,8600	118,8600	118,8600			118,8600					
Certificate	NL0010891743	AMGEN116.6TL OPENB	EUR	83,0400	83,0400	83,0400			83,0400					
Certificate	DE000CJ3N559	AML 12TL OPENZ	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000CJ3N542	AML 10.5TL OPENZ	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	NL0013010861	AML 1277TL OPENB	EUR	3,9100	3,9100	3,3700			3,3700					
Certificate	DE000CJ3N567	AML 13.5TL OPENZ	EUR	0,3650	0,3650	0,3650			0,3650					
Certificate	NL0013009665	AML 1353TL OPENB	EUR	3,1300	3,1300	2,5900			2,5900					
Certificate	NL0013012735	AML 1428TL OPENB	EUR	2,3600	2,3600	1,8200			1,8200					
Certificate	NL0013005689	AML 1428TL OPENB	EUR											
Certificate	NL0013012255	AML 1525TS OPENB	EUR											
Certificate	NL0013005747	AML 1675TS OPENB	EUR	4,0500	4,5800	4,0500			4,5800					
Certificate	NL0013005754	AML 1825TS OPENB	EUR	5,9400	6,4700	5,9400			6,4700					
Certificate	DE000CV89NZ0	AMUN 42.31TL OPENZ	EUR	1,6350	1,6350	1,6350			1,6350					
Certificate	DE000CE6C279	AMUN 47.31TL OPENZ	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	DE000CE6CHE1	AMUN 53.28TL OPENZ	EUR	0,5450	0,5450	0,5450			0,5450					
Certificate	DE000CJ3NPP9	AMUN 60.22TL OPENZ	EUR											
Certificate	NL0010134805	AMX 446TL OPENB	EUR	32,1200	32,1200	32,1200			32,1200					
Certificate	NL0011036561	AMX 458TL OPENH	EUR	31,2700	31,6400	31,2700			31,6400					
Certificate	NL0011036553	AMX 479TL OPENH	EUR	29,2400	29,6100	29,2400			29,6100					
Certificate	NL0011036546	AMX 501TL OPENH	EUR	27,3100	27,6200	27,3100			27,6200					
Certificate	NL0010151007	AMX 508TL OPENA	EUR											
Certificate	NL0010910345	AMX 511TL OPENB	EUR	25,9700	25,9700	25,9700			25,9700					
Certificate	NL0011036538	AMX 522TL OPENH	EUR	25,2800	25,5900	25,2800			25,5900					
Certificate	NL0011036520	AMX 543TL OPENH	EUR	23,2500	23,5600	23,2500			23,5600					
Certificate	NL0011054614	AMX 842TS OPENH	EUR	14,3700	14,3700	13,9300			13,9300					
Certificate	NL0011647367	AMX 536.1TL OPENB	EUR	23,5400	23,5400	23,5400			23,5400					
Certificate	DE000CR9RW82	AMX 556.3TL OPENZ	EUR	19,3800	19,3800	19,2100			19,2100					
Certificate	NL0011907092	AMX 561.4TL OPENB	EUR	21,1400	21,1400	21,1400			21,1400					
Certificate	DE000CR9Q003	AMX 577.5TL OPENZ	EUR	17,2600	17,2600	17,0900			17,0900					
Certificate	NL0011912357	AMX 587.6TL OPENB	EUR	18,6300	18,6300	18,6300			18,6300					
Certificate	DE000CD62JRO	AMX 618.3TL OPENZ	EUR	13,1900	13,1900	13,0100			13,0100					
Certificate	NL0012100762	AMX 638.8TL OPENB	EUR	13,7600	13,7600	13,7600			13,7600					
Certificate	DE000CD643F0	AMX 658.6TL OPENZ	EUR	9,1600	9,1600	8,9800			8,9800					
Certificate	NL0012110621	AMX 664.4TL OPENB	EUR	11,3200	11,3200	11,3200			11,3200					
Certificate	DE000CD648B7	AMX 676.2TL OPENZ	EUR	7,4000	7,4000	7,2300			7,2300					
Certificate	NL0012117063	AMX 689.6TL OPENB	EUR	8,9250	8,9250	8,9250			8,9250					
Certificate	DE000CE6BTW0	AMX 716.3TL OPENZ	EUR	3,4300	3,4300	3,2600			3,2600					
Certificate	NL0012259287	AMX 717.8TL OPENB	EUR	6,2300	6,2300	6,2300			6,2300					
Certificate	NL0013011620	AMX 747.3TS OPENB	EUR											
Certificate	DE000CJ3N393	AMX 766.6TS OPENZ	EUR	1,8000	1,9800	1,8000			1,9800					
Certificate	NL0013009442	AMX 772.3TS OPENB	EUR	6,6800	6,6800	6,6800			6,6800					
Certificate	NL0013006455	AMX 797.1TS OPENB	EUR	9,3000	9,3000	9,3000			9,3000					
Certificate	NL0013003171	AMX 821.7TS OPENB	EUR	11,8800	11,8800	11,8800			11,8800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CE6CD83	AMX 826.4TS OPENZ	EUR	7,7100	7,8900	7,7100			7,8900					
Certificate	NL0012278071	AMX 845.6TS OPENB	EUR	14,4000	14,4000	14,4000			14,4000					
Certificate	NL0012792345	AMX 871.6TS OPENB	EUR	17,1300	17,1300	17,1300			17,1300					
Certificate	DE000CE6CM82	AMX 877.1TS OPENZ	EUR	12,7800	12,9600	12,7800			12,9600					
Certificate	DE000CE6EOG9	AMX 936.8TS OPENZ	EUR	18,7500	18,9300	18,7500			18,9300					
Certificate	DE000CV4ZBY7	AMX 996.4TS OPENZ	EUR	24,7100	24,8900	24,7100			24,8900					
Certificate	DE000CV509D6	ANGAM11.68TL OPENZ	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	DE000CV509E4	ANGAM13.69TL OPENZ	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	DE000CV88CD1	ANGAM9.663TL OPENZ	EUR	7,5900	7,5900	7,5900			7,5900					
Certificate	DE000CE6C1U0	AOO 68.9TL OPENZ	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CD62RK8	AOO 48.76TL OPENZ	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	DE000CD62RL6	AOO 56.26TL OPENZ	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000CD62RM4	AOO 63.64TL OPENZ	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	DE000CV87JA5	AOO 74.17TL OPENZ	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	DE000CE6F322	AOO 89.09TS OPENZ	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	NL0009621887	APPLE 32TL OPENB	EUR	114,7400	114,7400	114,7400			114,7400					
Certificate	DE000CX59159	APPLE 100TL OPENC	EUR	9,5500	9,5500	9,5500			9,5500					
Certificate	DE000CQ5ATG3	APPLE 170TS OPENC	EUR											
Certificate	DE000CQ5ATH1	APPLE 175TS OPENC	EUR											
Certificate	DE000CP06U82	APPLE 225TS OPENC	EUR	0,6800	0,7700	0,6800	1351,5000	4	0,7200	1950				
Certificate	NL0013009954	APPLE 228TS OPENB	EUR	3,1450	3,1450	3,1450			3,1450					
Certificate	DE000CP07AT4	APPLE 230TS OPENC	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	DE000CP06U90	APPLE 230TS OPENC	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	DE000CP062R4	APPLE 235TS OPENC	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	DE000CP060U2	APPLE 235TS OPENC	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	DE000CQ58TJ5	APPLE 240TS OPENC	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	DE000CQ58VC6	APPLE 240TS OPENC	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	DE000CP062S2	APPLE 245TS OPENC	EUR	3,2300	3,2300	3,2300			3,2300					
Certificate	DE000CP060V0	APPLE 245TS OPENC	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	DE000CP060W8	APPLE 250TS OPENC	EUR	2,8500	2,8500	2,8500			2,8500					
Certificate	DE000CP062T0	APPLE 250TS OPENC	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	DE000CP06P14	APPLE 255TS OPENC	EUR	3,3200	3,3200	3,3200			3,3200					
Certificate	DE000CP062U8	APPLE 260TS OPENC	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	DE000CP060X6	APPLE 260TS OPENC	EUR	3,7200	3,7200	3,7200			3,7200					
Certificate	NL0009960962	APPLE 510TL OPENA	EUR											
Certificate	NL0009961036	APPLE 520TL OPENA	EUR											
Certificate	DE000VA6T3H2	APPLE 217.TL OPENV	EUR											
Certificate	NL0009621895	APPLE 37.2TL OPENB	EUR	111,8400	111,8400	111,8400			111,8400					
Certificate	NL0011042759	APPLE 40.1TL OPENH	EUR	15,9700	15,9700	15,7600			15,7600					
Certificate	NL0010442257	APPLE 54.5TL OPENB	EUR	102,2200	102,2200	102,2200			102,2200					
Certificate	NL0010444956	APPLE 59.1TL OPENB	EUR	99,7200	99,7200	99,7200			99,7200					
Certificate	NL0010517934	APPLE 64.1TL OPENB	EUR	96,8900	96,8900	96,8900			96,8900					
Certificate	NL0011042726	APPLE 66.6TL OPENH	EUR	13,8600	13,8600	13,6500			13,6500					
Certificate	NL0011052360	APPLE 67.6TL OPENH	EUR	13,7800	13,7800	13,5700			13,5700					
Certificate	NL0010520086	APPLE 68.7TL OPENB	EUR	94,3800	94,3800	94,3800			94,3800					
Certificate	NL0011052352	APPLE 70.9TL OPENH	EUR	13,5300	13,5300	13,3200			13,3200					
Certificate	NL0010656096	APPLE 73.2TL OPENB	EUR	91,8800	91,8800	91,8800			91,8800					
Certificate	NL0010656104	APPLE 77.7TL OPENB	EUR	89,4000	89,4000	89,4000			89,4000					
Certificate	NL0011052337	APPLE 80.2TL OPENH	EUR	12,7800	12,7800	12,5700			12,5700					
Certificate	NL0011594403	APPLE 81.3TL OPENH	EUR	12,7000	12,7000	12,4900			12,4900					
Certificate	NL0010656427	APPLE 82.1TL OPENB	EUR	86,9300	86,9300	86,9300			86,9300					
Certificate	NL0011052329	APPLE 83.5TL OPENH	EUR	12,5200	12,5200	12,3100			12,3100					
Certificate	NL0010658340	APPLE 86.6TL OPENB	EUR	84,4400	84,4400	84,4400			84,4400					
Certificate	NL0011594379	APPLE 87.8TL OPENH	EUR	12,1800	12,1800	11,9700			11,9700					
Certificate	NL0011052311	APPLE 89.5TL OPENH	EUR	12,0500	12,0500	11,8400			11,8400					
Certificate	NL0011808076	APPLE 90.7TL OPENB	EUR	11,7400	11,7400	11,7400			11,7400					
Certificate	NL0011928957	APPLE 97.4TL OPENH	EUR	11,4200	11,4200	11,2100			11,2100					
Certificate	NL0011912589	APPLE100.8TL OPENB	EUR	10,9400	10,9400	10,9400			10,9400					
Certificate	DE000CN6LH06	APPLE100.9TL OPENZ	EUR	10,1500	10,1500	10,1500			10,1500					
Certificate	NL0012015952	APPLE105.9TL OPENB	EUR	10,5300	10,5300	10,5300			10,5300					
Certificate	DE000CD62FF3	APPLE109.4TL OPENZ	EUR	9,4100	9,4100	9,4100			9,4100					
Certificate	NL0011733118	APPLE146.1TS OPENH	EUR											
Certificate	DE000CM4ASAS5	APPLE16.88TL OPENZ	EUR	12,2600	12,2600	12,2600			12,2600					
Certificate	NL0012778518	APPLE171.98S OPENB	EUR											
Certificate	DE000VA71SH9	APPLE187.4TL OPENV	EUR	2,6405	2,6405	2,6405			2,6405					
Certificate	DE000VA77DB9	APPLE192.2TL OPENV	EUR	2,3200	2,3200	2,2085	464,0000	1	2,2085	200				
Certificate	DE000VASRLJ3	APPLE193.8TL OPENV	EUR	2,2110	2,2700	1,9885	6201,0500	6	1,9885	2895				
Certificate	DE000VA71WB4	APPLE197.4TL OPENV	EUR	1,7705	1,7705	1,7705			1,7705					
Certificate	DE000VA5RLK1	APPLE198.8TL OPENV	EUR	1,5435	1,5435	1,5435			1,5435					
Certificate	DE000VAGEGG5	APPLE201.9TL OPENV	EUR	1,3345	1,3345	1,3345			1,3345					
Certificate	DE000VA5RLL9	APPLE203.8TL OPENV	EUR	1,1515	1,1515	1,1515			1,1515					
Certificate	DE000VAGTY20	APPLE206.9TL OPENV	EUR	0,9715	0,9715	0,9715			0,9715					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VASRLM7	APPLE208.8TL OPENV	EUR	0,9720	0,9720	0,7535	2176,1700	7	0,7665	2595				
Certificate	DE000VA71S15	APPLE212.4TL OPENV	EUR	0,6095	0,6095	0,6095			0,6095					
Certificate	DE000VA71SM9	APPLE214.9TL OPENV	EUR	0,4085	0,4085	0,4085			0,4085					
Certificate	DE000VA71Z40	APPLE217.5TL OPENV	EUR											
Certificate	DE000CM027P4	APPLE22.46TL OPENZ	EUR	11,9300	11,9300	11,9300			11,9300					
Certificate	NL0013010622	APPLE221.38S OPENB	EUR											
Certificate	DE000VA71S82	APPLE224.8TS OPENV	EUR	0,8085	0,8085	0,8085			0,8085					
Certificate	NL0013008915	APPLE225.38S OPENB	EUR	8,5900	8,5900	8,5900			8,5900					
Certificate	DE000VA71S08	APPLE227.3TS OPENV	EUR	0,9905	0,9905	0,9905			0,9905					
Certificate	NL0013008923	APPLE229.38S OPENB	EUR	12,0700	12,0700	12,0700			12,0700					
Certificate	DE000VA71SG1	APPLE229.8TS OPENV	EUR	1,1715	1,1715	1,1715			1,1715					
Certificate	DE000VA71C90	APPLE232.3TS OPENV	EUR	1,3535	1,3535	1,3535			1,3535					
Certificate	NL0013006208	APPLE233.38S OPENB	EUR	15,5400	15,5400	15,5400			15,5400					
Certificate	DE000VASRLH7	APPLE234.8TS OPENV	EUR	1,5705	1,5705	1,5705			1,5705					
Certificate	NL0012994115	APPLE237.38S OPENB	EUR	19,0300	19,0300	19,0300			19,0300					
Certificate	DE000VA6EG86	APPLE237.3TS OPENV	EUR	1,7895	1,7895	1,7895			1,7895					
Certificate	NL0012987176	APPLE239.5TS OPENB	EUR	4,2550	4,2550	4,2550			4,2550					
Certificate	DE000VASRPE5	APPLE239.8TS OPENV	EUR	2,0075	2,0075	2,0075			2,0075					
Certificate	DE000CV88QQ4	APPLE240.4TS OPENZ	EUR	1,8200	2,0450	1,8200	364,0000	1	2,0450	200				
Certificate	NL0013004005	APPLE241.38S OPENB	EUR	22,5000	22,5000	22,5000			22,5000					
Certificate	DE000VASRRR3	APPLE244.8TS OPENV	EUR	2,4435	2,4435	2,4435			2,4435					
Certificate	NL0013004732	APPLE245.38S OPENB	EUR	25,9900	25,9900	25,9900			25,9900					
Certificate	DE000VA6TY12	APPLE247.3TS OPENV	EUR	2,6615	2,6615	2,6615			2,6615					
Certificate	DE000VA6D3B3	APPLE249.8TS OPENV	EUR	2,8785	2,8785	2,8785			2,8785					
Certificate	NL0012990873	APPLE251.3TS OPENB	EUR	5,4050	5,4050	5,4050			5,4050					
Certificate	DE000VA64ZG1	APPLE252.3TS OPENV	EUR	3,0965	3,0965	3,0965			3,0965					
Certificate	DE000VA7P5D1	APPLE257.3TS OPENV	EUR	3,5325	3,5325	3,5325			3,5325					
Certificate	DE000VA7PSE9	APPLE259.8TS OPENV	EUR	3,7495	3,7495	3,7495			3,7495					
Certificate	DE000CV8ANAA6	APPLE260.5TS OPENZ	EUR	3,7750	3,7750	3,7750			3,7750					
Certificate	NL0012994032	APPLE263.8TS OPENB	EUR	6,6150	6,6150	6,6150			6,6150					
Certificate	DE000CV88OU5	APPLE280.5TS OPENZ	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	DE000CG28U95	APPLE57.44TL OPENC	EUR	93,7900	93,7900	93,7900			93,7900					
Certificate	DE000CK18V43	APPLE58.59TL OPENZ	EUR	98,2600	98,2600	98,2600			98,2600					
Certificate	DE000CF3ASA6	APPLE67.34TL OPENC	EUR	17,2400	17,2400	17,2400			17,2400					
Certificate	NL0011534938	APPLE72.82BL OPENB	EUR	126,6600	126,6600	126,6600			126,6600					
Certificate	DE000CF50R01	APPLE73.84TL OPENC	EUR	16,2400	16,2400	16,2400			16,2400					
Certificate	DE000CZ7D1Q1	APPLE80.51TL OPENZ	EUR	83,4600	83,4600	83,4600			83,4600					
Certificate	NL0011266994	APPLE89.72BL OPENB	EUR	111,9400	111,9400	111,9400			111,9400					
Certificate	DE000CR9RUC5	APPLE92.02TL OPENZ	EUR	10,9200	10,9200	10,9200			10,9200					
Certificate	DE000CB9Y9E4	APPLE93.51TL OPENZ	EUR	77,8400	77,8400	77,8400			77,8400					
Certificate	NL0011808399	APPLE94.12BL OPENB	EUR	108,1100	108,1100	108,1100			108,1100					
Certificate	DE000CB9Y1K8	APPLE97.22TL OPENZ	EUR	73,2700	73,2700	73,2700			73,2700					
Certificate	DE000CP06W64	APRAM 25TL OPENC	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000CQ58KD7	APRAM 28TL OPENC	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	DE000CQ58PM7	APRAM 30TL OPENC	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	DE000CQ5AZY3	APRAM 32TL OPENC	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	DE000CQ58HF8	APRAM 32TL OPENC	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CP064B4	APRAM 34TL OPENC	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	DE000CQ58287	APRAM 34TL OPENC	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	DE000CQ5AZZ0	APRAM 35TL OPENC	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	DE000CQ5AWJ1	APRAM 35TL OPENC	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	DE000CQ58HG6	APRAM 35TL OPENC	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CQ5AS67	APRAM 36TL OPENC	EUR											
Certificate	DE000CP06289	APRAM 36TL OPENC	EUR											
Certificate	DE000CQ5AS75	APRAM 38TL OPENC	EUR											
Certificate	DE000CQ5AU63	APRAM 38TL OPENC	EUR											
Certificate	DE000CP06ZA3	APRAM 40TS OPENC	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	DE000CP06081	APRAM 40TS OPENC	EUR											
Certificate	DE000CP06TQ2	APRAM 40TS OPENC	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	NL0012796130	APRAM 42BON1219Z	EUR	37,5700	37,5700	37,5700			37,5700					
Certificate	DE000CQ58PN5	APRAM 42TS OPENC	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	NL0012795322	APRAM 43BOC0619Z	EUR	39,6850	39,6850	39,6850			39,6850					
Certificate	NL0012796627	APRAM 44BOC0919Z	EUR	37,3600	37,3600	37,3600			37,3600					
Certificate	NL0012796486	APRAM 44BOC0919Z	EUR	37,3600	37,3600	37,3600			37,3600					
Certificate	DE000CQ5AU89	APRAM 45TS OPENC	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CQ5AS91	APRAM 45TS OPENC	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CQ5AWK9	APRAM 46TS OPENC	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CQ5ASA8	APRAM 46TS OPENC	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CQ5ASB6	APRAM 48TS OPENC	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	DE000CQ5BDT8	APRAM 48TS OPENC	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000CQ5AU97	APRAM 48TS OPENC	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CQ5BF53	APRAM 48TS OPENC	EUR	1,2000	1,2000	1,2000			1,2000					



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	NL0012676282	APRAM 51BOC1218B	EUR	40,7200	41,3100	40,7200			41,3100					
Certificate	NL0009998319	APRAM 2.3TL OPENB	EUR	34,9350	34,9350	34,9350			34,9350					
Certificate	NL0009873090	APRAM 4.4TL OPENB	EUR	32,8550	33,0650	32,8550			33,0650					
Certificate	NL0010656088	APRAM 15.2TL OPENB	EUR	23,2250	23,2250	23,2250			23,2250					
Certificate	NL0010901567	APRAM 18.6TL OPENB	EUR	20,0350	20,2150	20,0350			20,2150					
Certificate	NL0011437405	APRAM 21.7TL OPENB	EUR	17,1250	17,3050	17,1250			17,3050					
Certificate	NL0011906235	APRAM 29.1TL OPENB	EUR	10,4750	10,6550	10,4750			10,6550					
Certificate	LU1719708064	APRAM 30.1TCIOPENS	EUR	7,8600	7,8600	7,8600			7,8600					
Certificate	NL0011912571	APRAM 31.2TL OPENB	EUR	8,5250	8,7050	8,5250			8,7050					
Certificate	NL0011912951	APRAM 33.3TL OPENB	EUR	6,6350	6,8150	6,6350			6,8150					
Certificate	DE000CD62ER1	APRAM 33.3TL OPENZ	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	LU1841030288	APRAM 33.5TCIOPENS	EUR	4,2100	4,2100	4,2100			4,2100					
Certificate	NL0012978290	APRAM 35.3TL OPENB	EUR	4,7750	4,9550	4,7750			4,9550					
Certificate	NL0013010978	APRAM 38.8TS OPENB	EUR	6,3650	6,3650	6,1150			6,1150					
Certificate	NL0012793426	APRAM 41.7TS OPENB	EUR	9,6450	9,6450	9,3950			9,3950					
Certificate	NL0012690408	APRAM 42.8BS OPENB	EUR	6,5250	6,5250	6,2750			6,2750					
Certificate	NL0012796635	APRAM 43.5BOC1219Z	EUR	37,6100	37,6100	37,6100			37,6100					
Certificate	NL0012796494	APRAM 43.5BOC1219Z	EUR	37,6100	37,6100	37,6100			37,6100					
Certificate	NL0013000599	APRAM 44.7TS OPENB	EUR	12,9450	12,9450	12,6950			12,6950					
Certificate	DE000CV503C1	APRAM 46.3TS OPENZ	EUR	1,9250	1,9250	1,9250			1,9250					
Certificate	NL0012109888	APRAM 46.7BS OPENB	EUR	10,4150	10,4150	10,1650			10,1650					
Certificate	NL0012103295	APRAM 50.5TS OPENB	EUR	19,4550	19,4550	19,2050			19,2050					
Certificate	NL0012494686	APRAM 53.5BOC1218B	EUR	44,3100	44,9000	44,3100			44,9000					
Certificate	NL0011233887	APRAM12.99TL OPENH	EUR	25,0100	25,0100	25,0100			25,0100					
Certificate	NL0011233879	APRAM17.21TL OPENH	EUR	21,1700	21,1700	21,1700			21,1700					
Certificate	DE000CR9SQ30	APRAM20.41TL OPENZ	EUR	16,5900	16,5900	16,5900			16,5900					
Certificate	NL0011516182	APRAM22.25BL OPENB	EUR	15,0650	15,2450	15,0650			15,2450					
Certificate	DE000CNGEW3	APRAM25.35TL OPENZ	EUR	11,6600	11,6600	11,6600			11,6600					
Certificate	DE000CJ3N6X2	APRAM26.08TL OPENZ	EUR	2,4050	2,4050	2,4050			2,4050					
Certificate	DE000CD61WA1	APRAM29.33TL OPENZ	EUR	7,6900	7,6900	7,6900			7,6900					
Certificate	DE000CD62J6	APRAM30.58TL OPENZ	EUR	7,8300	7,8300	7,8300			7,8300					
Certificate	DE000CD624V7	APRAM31.32TL OPENZ	EUR	5,7200	5,7200	5,7200			5,7200					
Certificate	NL0011908355	APRAM31.85BL OPENB	EUR	5,5250	5,7050	5,5250			5,7050					
Certificate	NL0012974869	APRAM32.96BL OPENB	EUR	4,3650	4,5450	4,3650			4,5450					
Certificate	NL0012923270	APRAM33.06TL OPENH	EUR	6,7500	6,7500	6,7500			6,7500					
Certificate	NL0011912837	APRAM33.97BL OPENB	EUR	3,3550	3,5350	3,3550			3,5350					
Certificate	NL0012923262	APRAM34.07TL OPENH	EUR	5,8400	5,8400	5,8400			5,8400					
Certificate	LU1719605252	APRAM34.91TCIOPENS	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	NL0013011968	APRAM34.97BL OPENB	EUR	2,3550	2,5350	2,3550			2,5350					
Certificate	NL0012923254	APRAM35.07TL OPENH	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	DE000CV89US0	APRAM35.28TL OPENZ	EUR	0,3750	0,3750	0,3750			0,3750					
Certificate	DE000CV89UP6	APRAM35.82TL OPENZ	EUR											
Certificate	NL0013013204	APRAM35.97BL OPENB	EUR	1,3550	1,5350	1,3550			1,5350					
Certificate	NL0012977235	APRAM36.03BL OPENB	EUR											
Certificate	NL0012932313	APRAM36.04TL OPENH	EUR											
Certificate	LU1790495540	APRAM36.24TCIOPENS	EUR											
Certificate	NL0012901409	APRAM37.05TL OPENH	EUR											
Certificate	DE000CJ3NL90	APRAM37.25TL OPENZ	EUR											
Certificate	NL0013083033	APRAM38.07TS OPENH	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	NL0013008907	APRAM38.81BS OPENB	EUR	2,5350	2,5350	2,2850			2,2850					
Certificate	NL0013083025	APRAM39.07TS OPENH	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	LU1841028977	APRAM39.48TCIOPENS	EUR	3,1800	3,1800	3,1800			3,1800					
Certificate	NL0013006968	APRAM40.81BS OPENB	EUR	4,5250	4,5250	4,2750			4,2750					
Certificate	DE000CJ3N419	APRAM41.31TS OPENZ	EUR	0,9350	0,9350	0,9350			0,9350					
Certificate	NL0012936579	APRAM41.84TS OPENH	EUR	9,6600	9,6600	9,6600			9,6600					
Certificate	NL0012934525	APRAM42.81TS OPENH	EUR	10,7400	10,7400	10,7400			10,7400					
Certificate	LU1696586418	APRAM45.36TCIOPENS	EUR	7,0200	7,0200	7,0200			7,0200					
Certificate	LU1696508701	APRAM47.27TCIOPENS	EUR	8,8000	8,8400	8,8000	352,0000	1	8,8400	40				
Certificate	NL0011233770	APRAM48.67TS OPENH	EUR	17,2500	17,2500	17,2500			17,2500					
Certificate	NL0013005143	APRAM48.71BS OPENB	EUR	12,4350	12,4350	12,1850			12,1850					
Certificate	DE000CE6BHG8	APRAM51.79TS OPENZ	EUR	3,0250	3,0250	3,0250			3,0250					
Certificate	DE000CNGJ182	ARCAD 10.TL OPENZ	EUR	1,8250	1,8250	1,8250			1,8250					
Certificate	NL0012118277	ARCAD 12.9TL OPENB	EUR	1,8700	1,9100	1,8700			1,9100					
Certificate	NL0012772818	ARCAD 18.4TS OPENB	EUR	6,9100	6,9100	6,8500			6,8500					
Certificate	DE000CNGJ638	ARCAD 8.38TL OPENZ	EUR	2,6250	2,6250	2,6250			2,6250					
Certificate	NL0012108302	ARCAD 8.78TL OPENB	EUR	5,6100	5,6500	5,6100			5,6500					
Certificate	NL0012103790	ARCAD 9.81TL OPENB	EUR	4,6700	4,7100	4,6700			4,7100					
Certificate	NL0012103808	ARCAD10.85TL OPENB	EUR	3,7300	3,7700	3,7300			3,7700					
Certificate	NL0013008626	ARCAD10.92BL OPENB	EUR	2,8850	2,9250	2,8850			2,9250					
Certificate	DE000CD63X00	ARCAD11.03TL OPENZ	EUR	1,3150	1,3150	1,3150			1,3150					
Certificate	DE000CD63ZB8	ARCAD11.53TL OPENZ	EUR	1,0650	1,0650	1,0650			1,0650					
Certificate	NL0013007578	ARCAD11.67BL OPENB	EUR	2,1350	2,1750	2,1350			2,1750					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012115257	ARCAD11.86TL OPENB	EUR	2,8100	2,8500	2,8100			2,8500					
Certificate	DE000CE6BPD8	ARCAD12.02TL OPENZ	EUR	0,9000	0,9000	0,8150	360,0000	1	0,8150	400				
Certificate	NL0013006547	ARCAD12.42BL OPENB	EUR	1,3850	1,4250	1,3850			1,4250					
Certificate	DE000CE6BV25	ARCAD12.52TL OPENZ	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	DE000CE6BZN6	ARCAD13.02TL OPENZ	EUR	0,3350	0,3350	0,3350			0,3350					
Certificate	NL0013010523	ARCAD13.17BL OPENB	EUR	0,6350	0,6750	0,6350			0,6750					
Certificate	NL0013007933	ARCAD14.44TS OPENB	EUR	2,5100	2,5100	2,4500			2,4500					
Certificate	NL0013006711	ARCAD14.76BS OPENB	EUR	1,4250	1,4250	1,3550	102,7500	1	1,3650	75				
Certificate	DE000CI3NX47	ARCAD15.45TS OPENZ	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	NL0013006729	ARCAD16.26BS OPENB	EUR	2,9250	2,9250	2,8650			2,8650					
Certificate	NL0012972608	ARCAD16.41TS OPENB	EUR	4,7000	4,7000	4,6400			4,6400					
Certificate	DE000CV89L36	ARCAD16.95TS OPENZ	EUR	1,7250	1,7250	1,7250			1,7250					
Certificate	DE000CV87WC4	ARCAD18.93TS OPENZ	EUR	2,7150	2,7150	2,7150			2,7150					
Certificate	NL0012280085	ARCAD20.34TS OPENB	EUR	9,0600	9,0600	9,0000			9,0000					
Certificate	DE000CE6EM98	ARCAD20.92TS OPENZ	EUR											
Certificate	DE000CN6J3Y2	ARCAD9.473TL OPENZ	EUR	2,0850	2,0850	2,0850			2,0850					
Certificate	DE000CE6BQP0	ARCM1 LEVOPENZ	EUR	7,5150	7,5150	7,5150			7,5150					
Certificate	DE000CE6BQE4	ARCM1 SHROPENZ	EUR	3,8610	3,8610	3,8610			3,8610					
Certificate	XS1568006867	ARCM1 STN0220B	EUR	101,9000	102,0000	101,9000			102,0000					
Certificate	XS177869931	ARCM1 STN0221B	EUR	94,9000	96,1000	94,9000	9610,0000	1	94,9500	10000				
Certificate	NL0011649975	ARCM1 7TL OPENB	EUR	7,8950	7,9050	7,8950			7,9050					
Certificate	NL0011659057	ARCM1 10TL OPENB	EUR	6,7450	6,7550	6,7450			6,7550					
Certificate	NL0011906243	ARCM1 13TL OPENB	EUR	4,3050	4,3050	4,3050			4,3050					
Certificate	NL0011906250	ARCM1 14TL OPENB	EUR	4,0150	4,0250	4,0150			4,0250					
Certificate	DE000CY502T4	ARCM1 15TL OPENC	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	NL0011930649	ARCM1 15TL OPENH	EUR	3,6900	3,6900	3,6800			3,6800					
Certificate	DE000CY16YG4	ARCM1 16TL OPENC	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	DE000CY16Y36	ARCM1 16TL OPENC	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	DE000CY16Y51	ARCM1 17TL OPENC	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	DE000CY16YI8	ARCM1 17TL OPENC	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000CY50E50	ARCM1 18TL OPENC	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	DE000CY50875	ARCM1 18TL OPENC	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000CV8B052	ARCM1 19TL 1218Z	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	DE000CY50701	ARCM1 19TL OPENC	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	DE000CY50891	ARCM1 19TL OPENC	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	DE000VA71UN3	ARCM1 20TL 0319V	EUR	4,7900	4,7900	4,7900			4,7900					
Certificate	DE000VA32U78	ARCM1 20TL 1218V	EUR	4,7870	4,7870	4,7870			4,7870					
Certificate	DE000CY50KF4	ARCM1 20TL OPENC	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	DE000CY50JW1	ARCM1 20TL OPENC	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	DE000VA71PU8	ARCM1 21TL 0319V	EUR	3,8230	3,8230	3,8230			3,8230					
Certificate	DE000VA32U94	ARCM1 21TL 1218V	EUR	3,7870	3,7870	3,7870			3,7870					
Certificate	DE000CV8B060	ARCM1 21TL 1218Z	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	DE000CY51FN6	ARCM1 21TL OPENC	EUR	0,3900	0,3900	0,3900			0,3900					
Certificate	DE000CY50KH0	ARCM1 21TL OPENC	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	LU1612157831	ARCM1 22TCIOPENS	EUR	2,7800	2,7800	2,7400	500,4000	1	2,7400	180				
Certificate	DE000VA7PW74	ARCM1 22TL 0319V	EUR	2,9440	2,9440	2,9440			2,9440					
Certificate	DE000VA32VB7	ARCM1 22TL 1218V	EUR	2,8890	2,8890	2,8890			2,8890					
Certificate	DE000CY51K87	ARCM1 22TL OPENC	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	DE000CY51M77	ARCM1 22TL OPENC	EUR	0,3900	0,3900	0,3900	156,0000	1	0,3900	400				
Certificate	DE000VA7PUL0	ARCM1 23TL 0319V	EUR	2,0640	2,0640	2,0640			2,0640					
Certificate	DE000VA32VD3	ARCM1 23TL 1218V	EUR	2,0090	2,0090	2,0090			2,0090					
Certificate	DE000CV8AB30	ARCM1 23TL 1218Z	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	NL0012510937	ARCM1 23TL OPENB	EUR	3,8450	4,1200	3,8450	5142,5000	2	3,8650	1250				
Certificate	DE000CY52BL7	ARCM1 23TL OPENC	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	DE000CY528V5	ARCM1 23TL OPENC	EUR	0,1800	0,1900	0,1800	324,0000	1	0,1900	1800				
Certificate	DE000VA71PX2	ARCM1 24TL 0319V	EUR	1,1870	1,1870	1,1870			1,1870					
Certificate	DE000VA71PT0	ARCM1 24TL 1218V	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	NL0013012651	ARCM1 24TL OPENB	EUR	2,8950	2,9150	2,8950			2,9150					
Certificate	DE000CY528X1	ARCM1 24TL OPENC	EUR											
Certificate	DE000CY52BM5	ARCM1 24TL OPENC	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	DE000VA4RMJ4	ARCM1 25TL 1218V	EUR											
Certificate	DE000CQ5AHK0	ARCM1 25TL OPENC	EUR											
Certificate	DE000CP06MG8	ARCM1 25TL OPENC	EUR											
Certificate	DE000VA71UM5	ARCM1 25TS 0319V	EUR											
Certificate	DE000VA71PY0	ARCM1 25TS 1218V	EUR											
Certificate	DE000CP06U17	ARCM1 25TS OPENC	EUR											
Certificate	DE000CQ5APN7	ARCM1 26TL OPENC	EUR											
Certificate	DE000CQ5AST8	ARCM1 26TL OPENC	EUR											
Certificate	DE000VA71PR4	ARCM1 26TS 0319V	EUR	1,6790	1,6790	1,6790			1,6790					
Certificate	DE000VA71PZ7	ARCM1 26TS 1218V	EUR	1,6360	1,6360	1,6360			1,6360					
Certificate	DE000CP06ZX5	ARCM1 26TS OPENC	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	DE000CP06U25	ARCM1 26TS OPENC	EUR	0,1700	0,1700	0,1700			0,1700					



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	DE000CQ5AUW8	ARCM1 27TL OPENC	EUR											
Certificate	DE000VA7PW66	ARCM1 27TS 0319V	EUR	2,5680	2,5680	2,5680			2,5680					
Certificate	DE000VA7PXA7	ARCM1 27TS 1218V	EUR	2,5230	2,5230	2,5230				2,5230				
Certificate	DE000CP06U33	ARCM1 27TS OPENC	EUR	0,2700	0,2700	0,2700				0,2700				
Certificate	DE000VA7PXQ3	ARCM1 27TS OPENV	EUR	2,3420	2,3420	2,3420				2,3420				
Certificate	NL0012494512	ARCM1 28BOC1218B	EUR	27,6400	27,6600	27,6400				27,6600				
Certificate	NL0012648323	ARCM1 28BOC1218Z	EUR	27,6700	27,6700	27,6700				27,6700				
Certificate	DE000VA7PUG0	ARCM1 28TS 0319V	EUR	3,4550	3,4550	3,4550				3,4550				
Certificate	DE000VA5EM14	ARCM1 28TS 1218V	EUR	3,4090	3,4090	3,4090				3,4090				
Certificate	DE000CP062H5	ARCM1 28TS OPENC	EUR	0,4600	0,4600	0,4600				0,4600				
Certificate	DE000CQ5BT81	ARCM1 28TS OPENC	EUR											
Certificate	DE000CP06MH6	ARCM1 28TS OPENC	EUR	0,3700	0,3700	0,3700				0,3700				
Certificate	NL0012936702	ARCM1 28TS OPENH	EUR	6,4000	6,4200	6,4000				6,4200				
Certificate	NL0012648331	ARCM1 29BOC0619Z	EUR	27,4850	27,4850	27,4850				27,4850				
Certificate	DE000VA7PUH8	ARCM1 29TS 0319V	EUR	4,4080	4,4080	4,4080				4,4080				
Certificate	DE000VA3ZVQ5	ARCM1 29TS 1218V	EUR	4,3920	4,3920	4,3920				4,3920				
Certificate	DE000CP060M9	ARCM1 29TS OPENC	EUR	0,4700	0,4700	0,4700				0,4700				
Certificate	NL0012976617	ARCM1 30BOC0619B	EUR	26,0200	26,0900	26,0200				26,0900				
Certificate	DE000VA7PUJ4	ARCM1 30TS 0319V	EUR	5,4100	5,4100	5,4100				5,4100				
Certificate	DE000VA3Z3T2	ARCM1 30TS 1218V	EUR	5,3900	5,3900	5,3900				5,3900				
Certificate	DE000CQ580C6	ARCM1 30TS OPENC	EUR	0,5500	0,5500	0,5500				0,5500				
Certificate	NL0012795603	ARCM1 31BOC0919Z	EUR	25,5800	25,5800	25,5800				25,5800				
Certificate	DE000VA7PUK2	ARCM1 31TS 0319V	EUR	6,4100	6,4100	6,4100				6,4100				
Certificate	DE000VA4YND1	ARCM1 31TS 1218V	EUR	6,3900	6,3900	6,3900				6,3900				
Certificate	DE000CV8AB48	ARCM1 31TS 1218Z	EUR	3,2300	3,2300	3,2300				3,2300				
Certificate	DE000CY522A2	ARCM1 31TS OPENC	EUR	0,7400	0,7400	0,7400				0,7400				
Certificate	DE000VA4YV36	ARCM1 32TS 1218V	EUR	7,4000	7,4000	7,4000				7,4000				
Certificate	DE000CY52HZ4	ARCM1 32TS OPENC	EUR	0,7100	0,7100	0,7100				0,7100				
Certificate	DE000CY52J06	ARCM1 33TS OPENC	EUR	0,8100	0,8100	0,8100				0,8100				
Certificate	DE000CQ5AUV4	ARCM1 34TS OPENC	EUR	0,9300	0,9300	0,9300				0,9300				
Certificate	DE000CQ5ASV4	ARCM1 34TS OPENC	EUR	1,0500	1,0500	1,0500				1,0500				
Certificate	DE000CY52J14	ARCM1 35TS OPENC	EUR	1,0100	1,0100	1,0100				1,0100				
Certificate	DE000CY52MG4	ARCM1 35TS OPENC	EUR	1,1700	1,1700	1,1700				1,1700				
Certificate	DE000CV8AHX0	ARCM1 36TS 1218Z	EUR	5,7300	5,7300	5,7300				5,7300				
Certificate	NL0012511489	ARCM1 24.8L OPENB	EUR	1,1150	1,5000	1,1150	17397,4000	13	1,1350	13580				
Certificate	DE000VA71V85	ARCM1 25.TS OPENV	EUR											
Certificate	DE000VA71R24	ARCM1 26.TS OPENV	EUR	1,4170	1,4170	1,4170				1,4170				
Certificate	NL0011602180	ARCM1 5.9TL OPENH	EUR	8,3200	8,3200	8,3100				8,3100				
Certificate	NL0011656699	ARCM1 9.2TL OPENB	EUR	7,0250	7,0350	7,0250				7,0350				
Certificate	NL0011796461	ARCM1 10.9TL OPENB	EUR	4,9450	4,9550	4,9450				4,9550				
Certificate	NL0010154944	ARCM1 11.6TL OPENA	EUR											
Certificate	NL0011900691	ARCM1 12.1TL OPENB	EUR	4,5750	4,5850	4,5750				4,5850				
Certificate	NL0012017511	ARCM1 15.2TL OPENB	EUR	3,6550	3,6650	3,6550				3,6650				
Certificate	NL0012017974	ARCM1 16.1TL OPENB	EUR	3,3750	3,3850	3,3750				3,3850				
Certificate	NL0012029102	ARCM1 17.3TL OPENB	EUR	3,0050	3,0050	3,0050				3,0050				
Certificate	DE000CY16Y69	ARCM1 17.5TL OPENC	EUR	0,7400	0,7400	0,7400				0,7400				
Certificate	DE000CY509X1	ARCM1 17.5TL OPENC	EUR	0,8200	0,8200	0,8200				0,8200				
Certificate	DE000CY50622	ARCM1 18.5TL OPENC	EUR	0,6400	0,6400	0,6400				0,6400				
Certificate	DE000CY509Y9	ARCM1 18.5TL OPENC	EUR	0,7200	0,7200	0,7200				0,7200				
Certificate	NL0012274138	ARCM1 18.8TL OPENB	EUR	7,6150	7,6350	7,6150				7,6350				
Certificate	LU1573538961	ARCM1 19.TC10PENS	EUR	5,5900	5,5900	5,5900				5,5900				
Certificate	NL0012274997	ARCM1 19.4TL OPENB	EUR	7,1450	7,1650	7,1450				7,1650				
Certificate	DE000CY509Z6	ARCM1 19.5TL OPENC	EUR	0,6200	0,6200	0,6200				0,6200				
Certificate	DE000CY51C79	ARCM1 19.5TL OPENC	EUR	0,6300	0,6300	0,6300				0,6300				
Certificate	DE000CY50XD2	ARCM1 19.5TL OPENC	EUR	0,6300	0,6300	0,6300				0,6300				
Certificate	DE000CY50ET8	ARCM1 19.5TL OPENC	EUR	0,5400	0,5400	0,5400				0,5400				
Certificate	DE000CX59KJ9	ARCM1 19.6TL OPENC	EUR											
Certificate	NL0012275531	ARCM1 19.9TL OPENB	EUR	6,6850	6,7150	6,6850	2684,0000	1	6,7050	400				
Certificate	NL0011593363	ARCM1 2.51TL OPENH	EUR	9,6400	9,6400	9,6200				9,6200				
Certificate	NL0012276430	ARCM1 20.4TL OPENB	EUR	6,2250	6,2450	6,2250				6,2450				
Certificate	DE000CY50KG2	ARCM1 20.5TL OPENC	EUR	0,5300	0,5300	0,5300				0,5300				
Certificate	DE000CY50JX9	ARCM1 20.5TL OPENC	EUR	0,4400	0,4400	0,4400				0,4400				
Certificate	NL0012276521	ARCM1 20.9TL OPENB	EUR	5,7650	5,7850	5,7650				5,7850				
Certificate	NL0012498166	ARCM1 21.4TL OPENB	EUR	5,2750	5,4300	5,2750	2715,0000	1	5,2950	500				
Certificate	DE000CY51K79	ARCM1 21.5TL OPENC	EUR	0,3400	0,3400	0,3400				0,3400				
Certificate	DE000CY51M69	ARCM1 21.5TL OPENC	EUR	0,4400	0,4400	0,4400				0,4400				
Certificate	DE000CY50EV4	ARCM1 21.5TS OPENC	EUR											
Certificate	NL0012498968	ARCM1 21.9TL OPENB	EUR	4,8150	4,8350	4,8150				4,8350				
Certificate	NL0012499628	ARCM1 22.4TL OPENB	EUR	4,3550	4,3750	4,3550				4,3750				
Certificate	DE000CY51M85	ARCM1 22.5TL OPENC	EUR	0,3400	0,3400	0,3400				0,3400				
Certificate	DE000CY51K95	ARCM1 22.5TL OPENC	EUR	0,2400	0,2400	0,2400				0,2400				
Certificate	NL0012511349	ARCM1 23.5TL OPENB	EUR	3,3850	3,6350	3,3850	1815,0000	1	3,4050	500				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CY528W3	ARCM1 23.5TL OPENC	EUR	0,1500	0,1500	0,1400	390,0000	3	0,1400	2600				
Certificate	DE000CJ3NNV2	ARCM1 24.5TL 1218Z	EUR											
Certificate	DE000VA4RMK2	ARCM1 24.9TL OPENV	EUR											
Certificate	DE000VA71RT6	ARCM1 25.2TS OPENV	EUR											
Certificate	DE000VA71RU4	ARCM1 25.4TS OPENV	EUR	0,9090	0,9090	0,9090			0,9090					
Certificate	NL0013009962	ARCM1 25.6TS OPENB	EUR	3,8550	3,8550	3,8350			3,8350					
Certificate	DE000VA71RW0	ARCM1 25.6TS OPENV	EUR	1,0780	1,0780	1,0780			1,0780					
Certificate	DE000VA71R23	ARCM1 25.8TS OPENV	EUR	1,2480	1,2480	1,2480			1,2480					
Certificate	DE000VA71R57	ARCM1 26.2TS OPENV	EUR	1,5870	1,5870	1,5870			1,5870					
Certificate	DE000VA71R81	ARCM1 26.4TS OPENV	EUR	1,7560	1,7560	1,7560			1,7560					
Certificate	DE000CY51KA3	ARCM1 26.5TS OPENC	EUR											
Certificate	DE000CY51M93	ARCM1 26.5TS OPENC	EUR											
Certificate	NL0013005507	ARCM1 26.6TS OPENB	EUR	4,9650	4,9650	4,9450			4,9450					
Certificate	DE000VA77C25	ARCM1 26.6TS OPENV	EUR	1,9440	1,9440	1,9440			1,9440					
Certificate	DE000VA7PXN0	ARCM1 26.8TS OPENV	EUR	2,1420	2,1420	2,1420			2,1420					
Certificate	DE000VA7PXR1	ARCM1 27.2TS OPENV	EUR	2,5420	2,5420	2,5420			2,5420					
Certificate	DE000VA7PR55	ARCM1 27.4TS OPENV	EUR	2,7370	2,7370	2,7370			2,7370					
Certificate	NL0013004229	ARCM1 27.6TS OPENB	EUR	6,0550	6,0550	6,0350			6,0350					
Certificate	DE000VA7PR89	ARCM1 27.6TS OPENV	EUR	2,9370	2,9370	2,9370			2,9370					
Certificate	NL0012795595	ARCM1 28.5BOC0619Z	EUR	25,6300	25,6300	25,6300			25,6300					
Certificate	NL0012972616	ARCM1 28.6TS OPENB	EUR	7,1750	7,1750	7,1550			7,1550					
Certificate	DE000CV89K03	ARCM1 28.8TS OPENZ	EUR	1,9900	2,1500	1,9900	4140,0000	2	2,1100	2000				
Certificate	NL0012792378	ARCM1 29.7TS OPENB	EUR	8,3250	8,3250	8,3050			8,3050					
Certificate	NL0012700629	ARCM1 30.4BS OPENB	EUR	6,1250	6,1250	6,0950			6,0950					
Certificate	NL0012796304	ARCM1 30.5BOC1219Z	EUR	25,4500	25,4500	25,4500			25,4500					
Certificate	NL0013003213	ARCM1 30.7BOC0919B	EUR	25,0400	25,0500	25,0400			25,0500					
Certificate	NL0012697205	ARCM1 30.7TS OPENB	EUR	9,4550	9,4550	9,4350			9,4350					
Certificate	DE000CY52HY7	ARCM1 31.5TS OPENC	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	DE000CY52MF6	ARCM1 32.5TS OPENC	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	NL0012648984	ARCM1 34.5BOC0619Z	EUR	28,5350	28,5350	28,5350			28,5350					
Certificate	NL0011586532	ARCM1 4.92TL OPENH	EUR	8,7000	8,7000	8,6800			8,6800					
Certificate	NL0011602198	ARCM1 5.66TL OPENH	EUR	8,4100	8,4100	8,3900			8,3900					
Certificate	NL0011586524	ARCM1 6.15TL OPENH	EUR	8,2200	8,2200	8,2000			8,2000					
Certificate	DE000CN6K8W2	ARCM1 7.75TL OPENZ	EUR	5,6600	5,6600	5,6600			5,6600					
Certificate	NL0011719851	ARCM1 8.77TL OPENH	EUR	5,5800	5,5800	5,5700			5,5700					
Certificate	NL0011719844	ARCM1 9.39TL OPENH	EUR	5,3900	5,3900	5,3800			5,3800					
Certificate	DE000CX00TW7	ARCM1 9.81TL OPENC	EUR	5,1100	5,1100	5,1100			5,1100					
Certificate	DE000CN6KJ62	ARCM1 9.93TL OPENZ	EUR	5,0550	5,0550	5,0550			5,0550					
Certificate	NL0011719836	ARCM110.02TL OPENH	EUR	5,2000	5,2000	5,1900			5,1900					
Certificate	NL0011719828	ARCM110.63TL OPENH	EUR	5,0100	5,0100	5,0100			5,0100					
Certificate	DE000CX010G6	ARCM110.65TL OPENC	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	NL0011719810	ARCM111.26TL OPENH	EUR	4,8200	4,8200	4,8100			4,8100					
Certificate	NL0011796339	ARCM111.48BL OPENB	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	DE000CN6KTB4	ARCM112.29TL OPENZ	EUR	4,1450	4,1450	4,1450			4,1450					
Certificate	NL0011896584	ARCM113.14TL OPENH	EUR	4,2500	4,2500	4,2400			4,2400					
Certificate	DE000CD61TG4	ARCM113.26TL OPENZ	EUR	3,8250	3,8250	3,8250			3,8250					
Certificate	NL0011926886	ARCM114.38TL OPENH	EUR	3,8800	3,8800	3,8700			3,8700					
Certificate	NL0011907332	ARCM114.67BL OPENB	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	DE000CX599W5	ARCM114.97TL OPENC	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	DE000CD624K0	ARCM114.98TL OPENZ	EUR	3,4350	3,4350	3,4350			3,4350					
Certificate	DE000CX59720	ARCM115.11TL OPENC	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	DE000VN66UN6	ARCM115.12TL OPENV	EUR	10,1000	10,1000	10,1000			10,1000					
Certificate	DE000VN66UP1	ARCM115.62TL OPENV	EUR	9,6100	9,6100	9,6100			9,6100					
Certificate	DE000VN66R83	ARCM116.11TL OPENV	EUR	9,1100	9,1100	9,1100			9,1100					
Certificate	NL0012018170	ARCM116.25BL OPENB	EUR	2,9500	2,9600	2,9500			2,9600					
Certificate	NL0011979356	ARCM116.43TL OPENH	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	DE000VN66SA7	ARCM116.61TL OPENV	EUR	8,6200	8,6200	8,6200			8,6200					
Certificate	DE000CD633E4	ARCM116.84TL OPENZ	EUR	2,6350	2,6350	2,6350			2,6350					
Certificate	DE000VN66SH2	ARCM117.11TL OPENV	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	DE000VN66SB5	ARCM117.11TL OPENV	EUR	8,1400	8,1400	8,1400			8,1400					
Certificate	DE000CX59G94	ARCM117.35TL OPENC	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	DE000CD634U8	ARCM117.43TL OPENZ	EUR	2,4350	2,4350	2,4350			2,4350					
Certificate	DE000VN66UQ9	ARCM117.62TL OPENV	EUR	7,6600	7,6600	7,6600			7,6600					
Certificate	DE000CD63QM4	ARCM117.76TL OPENZ	EUR	2,5450	2,5450	2,5450			2,5450					
Certificate	NL0012028831	ARCM117.83BL OPENB	EUR	2,4200	2,4400	2,4200	854,0000	1	2,4300	350				
Certificate	DE000VN66VT1	ARCM118.14TL OPENV	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	NL0012330906	ARCM118.27TL OPENH	EUR	8,0900	8,0900	8,0500			8,0500					
Certificate	NL0012273908	ARCM118.34BL OPENB	EUR	6,7750	6,7950	6,7750			6,7950					
Certificate	DE000CD63JU2	ARCM118.63TL OPENZ	EUR	2,0450	2,0450	2,0450			2,0450					
Certificate	NL0012330674	ARCM118.78TL OPENH	EUR	7,6300	7,6300	7,5900			7,5900					
Certificate	NL0012273916	ARCM118.86BL OPENB	EUR	6,2450	6,2650	6,2450			6,2650					
Certificate	DE000VA71SA4	ARCM118.86TL OPENV	EUR	5,9200	5,9200	5,9200			5,9200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CE6DQ61	ARCM119.04TL OPENZ	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	DE000VA715C0	ARCM119.06TL OPENV	EUR	5,7200	5,7200	5,7200			5,7200					
Certificate	DE000VN66VU9	ARCM119.14TL OPENV	EUR	5,2900	5,2900	5,2900			5,2900					
Certificate	DE000VA715E6	ARCM119.26TL OPENV	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	NL0012333348	ARCM119.29TL OPENH	EUR	7,1600	7,4200	7,1200	482,3000	1	7,1200	65				
Certificate	NL0012274344	ARCM119.38BL OPENB	EUR	5,7250	5,7450	5,7250								
Certificate	DE000CX59PW1	ARCM119.47TL OPENC	EUR											
Certificate	NL0012365415	ARCM119.71TL OPENH	EUR	6,7800	6,7800	6,7600			6,7600					
Certificate	DE000V5LRU27	ARCM119.73TL OPENV	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000VA77C41	ARCM119.85TL OPENV	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	NL0011526991	ARCM12.375BL OPENB	EUR	9,7700	9,7800	9,7700			9,7800					
Certificate	DE000CE6DRS2	ARCM120.03TL OPENZ	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	LU1573600357	ARCM120.11TCIOPENS	EUR	4,5600	4,5600	4,5600			4,5600					
Certificate	DE000VN66XM2	ARCM120.16TL OPENV	EUR	4,2680	4,2680	4,2680			4,2680					
Certificate	NL0012366843	ARCM120.22TL OPENH	EUR	6,3200	6,3200	6,2800			6,2800					
Certificate	DE000VA7PXT7	ARCM120.25TL OPENV	EUR	4,5220	4,5220	4,5220			4,5220					
Certificate	NL0012276489	ARCM120.41BL OPENB	EUR	4,6950	4,7150	4,6950			4,7150					
Certificate	NL0012366835	ARCM120.73TL OPENH	EUR	5,8600	5,8600	5,8100			5,8100					
Certificate	DE000VL37FN2	ARCM120.73TL OPENV	EUR	4,7620	4,7620	4,7620			4,7620					
Certificate	DE000VAGEGJ9	ARCM120.83TL OPENV	EUR	3,9220	3,9220	3,9220			3,9220					
Certificate	DE000CE6DXQ0	ARCM121.02TL OPENZ	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	DE000VAGEGM3	ARCM121.03TL OPENV	EUR	3,7220	3,7220	3,7220			3,7220					
Certificate	DE000CE6DXD8	ARCM121.03TL OPENZ	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	NL0012367775	ARCM121.23TL OPENH	EUR	5,3900	5,3900	5,3500			5,3500					
Certificate	DE000VAGEGR2	ARCM121.23TL OPENV	EUR	3,5220	3,5220	3,5220			3,5220					
Certificate	DE000VL2FWA8	ARCM121.23TL OPENV	EUR	3,2520	3,2520	3,2520			3,2520					
Certificate	DE000VA1B406	ARCM121.37TL OPENV	EUR	4,2850	4,2850	4,2850			4,2850					
Certificate	NL0012522981	ARCM121.72TL OPENH	EUR	4,9500	4,9500	4,9100			4,9100					
Certificate	DE000VL37FP7	ARCM121.73TL OPENV	EUR	3,7950	3,7950	3,7950			3,7950					
Certificate	DE000VA1GH39	ARCM121.92TL OPENV	EUR	2,7380	2,7380	2,7380			2,7380					
Certificate	NL0012498604	ARCM121.96BL OPENB	EUR	3,1550	3,5200	3,1550	1760,0000	1	3,1750	500				
Certificate	DE000CE6EY27	ARCM122.02TL OPENZ	EUR	1,5700	1,5700	1,3900	1212,0000	2	1,3900	800				
Certificate	DE000VAGEGU6	ARCM122.23TL OPENV	EUR	2,5210	2,5210	2,5210			2,5210					
Certificate	DE000VL2FWQ4	ARCM122.24TL OPENV	EUR	2,2150	2,2360	2,1910	48,7300	1	2,2360	22				
Certificate	NL0012525182	ARCM122.34TL OPENH	EUR	4,3900	4,3900	4,3500			4,3500					
Certificate	DE000VASRGN5	ARCM122.43TL OPENV	EUR	3,3280	3,3280	3,3280			3,3280					
Certificate	NL0012499388	ARCM122.47BL OPENB	EUR	2,6350	3,0200	2,6350	906,0000	1	2,6550	300				
Certificate	LU1650876151	ARCM122.66TCIOPENS	EUR	2,1800	2,1800	2,1300	599,5000	1	2,1300	275				
Certificate	LU1784831619	ARCM122.68TL OPENS	EUR											
Certificate	DE000VL5RU08	ARCM122.73TL OPENV	EUR	2,8430	2,8430	2,8430			2,8430					
Certificate	DE000VA1B463	ARCM122.92TL OPENV	EUR	1,9950	2,2130	1,7290	35818,3100	12	1,7290	18123				
Certificate	NL0012500797	ARCM122.98BL OPENB	EUR	2,1250	2,1450	2,1250			2,1450					
Certificate	DE000CE6F2T7	ARCM123.01TL OPENZ	EUR	1,1500	1,1500	0,9000	2357,6000	2	0,9000	2224				
Certificate	DE000CE6F330	ARCM123.09TL OPENZ	EUR	1,3800	1,3800	1,2600	138,0000	1	1,2600	100				
Certificate	DE000VAGEGX0	ARCM123.23TL OPENV	EUR	1,7500	1,9300	1,5420	603,3800	9	1,5630	340				
Certificate	NL0012541379	ARCM123.25TL OPENH	EUR	3,5600	3,5600	3,5500			3,5500					
Certificate	DE000VL5RU16	ARCM123.28TL OPENV	EUR	1,3110	1,3110	1,3110			1,3110					
Certificate	DE000VA1B414	ARCM123.37TL OPENV	EUR	2,4120	2,4120	2,4120			2,4120					
Certificate	NL0012511000	ARCM123.49BL OPENB	EUR	1,6250	2,1000	1,6150	2091,0700	8	1,6450	1174				
Certificate	LU1817305284	ARCM123.57TCIOPENS	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	DE000VL5RFX3	ARCM123.74TL OPENV	EUR											
Certificate	NL0012542062	ARCM123.75TL OPENH	EUR	3,1100	3,1100	3,0900			3,0900					
Certificate	DE000VAGEG03	ARCM123.83TL OPENV	EUR	1,4500	1,4500	1,0550	2458,0000	2	1,0550	1800				
Certificate	DE000CJ3N8D0	ARCM124.01TL OPENZ	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	DE000CV4YPR4	ARCM124.01TL OPENZ	EUR											
Certificate	DE000VA71Z08	ARCM124.06TL OPENV	EUR	0,8860	0,8860	0,8860			0,8860					
Certificate	DE000VA71Z16	ARCM124.26TL OPENV	EUR	0,7170	0,7170	0,7170			0,7170					
Certificate	DE000VA1B430	ARCM124.37TL OPENV	EUR											
Certificate	NL0012900328	ARCM124.41TL OPENH	EUR											
Certificate	DE000VA1B5A7	ARCM124.42TL OPENV	EUR											
Certificate	DE000VA3TK37	ARCM124.87TL OPENV	EUR											
Certificate	DE000VA1B455	ARCM124.87TL OPENV	EUR											
Certificate	DE000VA3TK45	ARCM124.94TL OPENV	EUR											
Certificate	DE000VA4RML0	ARCM124.95TL OPENV	EUR											
Certificate	LU1840979071	ARCM125.28TCIOPENS	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000VA1GLK3	ARCM125.42TL OPENV	EUR											
Certificate	NL0013081748	ARCM125.42TS OPENH	EUR	3,5500	3,5600	3,5500			3,5600					
Certificate	NL0013008931	ARCM125.46BS OPENB	EUR	1,1850	1,1850	1,1650			1,1650					
Certificate	LU1784828318	ARCM125.52TL OPENS	EUR											
Certificate	DE000VA31JE9	ARCM125.86TS OPENV	EUR											
Certificate	DE000VA31JC3	ARCM125.88TS OPENV	EUR											
Certificate	NL0013008949	ARCM125.96BS OPENB	EUR	1,6850	1,6850	1,6650			1,6650					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA1SQL5	ARCM126.37TL OPENV	EUR											
Certificate	LU1840911355	ARCM126.39TPIOPENS	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	NL0013006216	ARCM126.46BS OPENB	EUR	2,1850	2,1850	2,1550			2,1550					
Certificate	DE000CX59XR5	ARCM126.77TS OPENC	EUR											
Certificate	DE000CJ3N427	ARCM126.81TS OPENZ	EUR	1,0200	1,1600	1,0200	4350,0000	4	1,1300	4000				
Certificate	DE000VA3TEH3	ARCM126.86TL OPENV	EUR											
Certificate	DE000CF50UK2	ARCM126.87TS OPENC	EUR											
Certificate	DE000CX59V87	ARCM126.88TS OPENC	EUR											
Certificate	NL0012907935	ARCM126.92TS OPENH	EUR	5,2100	5,2400	5,2100			5,2400					
Certificate	NL0013005150	ARCM126.96BS OPENB	EUR	2,6850	2,6850	2,6550			2,6550					
Certificate	LU1840911439	ARCM127.37TPIOPENS	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	NL0013004013	ARCM127.45BS OPENB	EUR	3,1750	3,1750	3,1450			3,1450					
Certificate	DE000VA64X09	ARCM127.81TS OPENV	EUR	3,1340	3,1340	3,1340			3,1340					
Certificate	DE000CJ3N1H6	ARCM127.88TS OPENZ	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	DE000VA3TEM3	ARCM127.89TS OPENV	EUR											
Certificate	NL0012988471	ARCM127.95BS OPENB	EUR	3,6750	3,6750	3,6450			3,6450					
Certificate	DE000VAGT2E1	ARCM128.02TS OPENV	EUR	3,3330	3,3330	3,3330			3,3330					
Certificate	DE000VA5EMZ5	ARCM128.27TS OPENV	EUR	4,9540	4,9540	4,9540			4,9540					
Certificate	DE000VA3KN66	ARCM128.39TS OPENV	EUR	3,5300	3,5300	3,5300			3,5300					
Certificate	NL0012917215	ARCM128.42TS OPENH	EUR	6,8700	6,9000	6,8700			6,9000					
Certificate	DE000VAGT2F8	ARCM128.42TS OPENV	EUR	3,7320	3,7320	3,7320			3,7320					
Certificate	LU1790568957	ARCM128.66TPIOPENS	EUR	4,2100	4,2100	4,2100			4,2100					
Certificate	DE000VA3ECM9	ARCM128.86TS OPENV	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	DE000VA3ECL1	ARCM128.89TS OPENV	EUR	4,0240	4,0240	4,0240			4,0240					
Certificate	NL0012917207	ARCM128.92TS OPENH	EUR	7,4200	7,4500	7,4200			7,4500					
Certificate	NL0012970453	ARCM128.93BS OPENB	EUR	4,6550	4,6550	4,6250			4,6250					
Certificate	DE000VAGEFW4	ARCM128.94TS OPENV	EUR	4,2430	4,2430	4,2430			4,2430					
Certificate	DE000VA2T8B8	ARCM129.36TS OPENV	EUR	5,9700	5,9700	5,9700			5,9700					
Certificate	NL0012792279	ARCM129.41BS OPENB	EUR	5,1350	5,1350	5,1150			5,1150					
Certificate	DE000VA2T786	ARCM129.41TS OPENV	EUR	4,5190	4,5190	4,5190			4,5190					
Certificate	DE000VAGT2G6	ARCM129.42TS OPENV	EUR	4,7310	4,7310	4,7310			4,7310					
Certificate	NL0012912018	ARCM129.45TS OPENH	EUR	8,0100	8,0300	8,0100			8,0300					
Certificate	LU1790010802	ARCM129.55TPIOPENS	EUR	4,9800	4,9800	4,9800			4,9800					
Certificate	NL0012862486	ARCM129.84TS OPENH	EUR	8,4400	8,4500	8,4400			8,4500					
Certificate	DE000VA15RY3	ARCM129.88TS OPENV	EUR	6,4800	6,4800	6,4800			6,4800					
Certificate	NL0012792287	ARCM129.91BS OPENB	EUR	5,6350	5,6350	5,6050			5,6050					
Certificate	DE000VAGEF04	ARCM129.94TS OPENV	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	DE000VA15RW7	ARCM129.94TS OPENV	EUR	5,0090	5,0090	5,0090			5,0090					
Certificate	DE000CN6HKA1	ARCM13.231TL OPENZ	EUR	7,1650	7,1650	7,1650			7,1650					
Certificate	NL0011525878	ARCM13.627BL OPENB	EUR	9,2300	9,2400	9,2300			9,2400					
Certificate	NL0012862478	ARCM130.33TS OPENH	EUR	8,9900	9,0200	8,9900			9,0200					
Certificate	DE000VA15RZ0	ARCM130.38TS OPENV	EUR	7,0000	7,0000	7,0000			7,0000					
Certificate	DE000VAGT2H4	ARCM130.42TS OPENV	EUR	5,7300	5,7300	5,7300			5,7300					
Certificate	DE000VA15RX5	ARCM130.44TS OPENV	EUR	5,5000	5,5000	5,5000			5,5000					
Certificate	DE000CV892T2	ARCM130.79TS OPENZ	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	NL0012556054	ARCM130.93TS OPENH	EUR	9,6500	9,6600	9,6500			9,6600					
Certificate	DE000VAGEF46	ARCM130.94TS OPENV	EUR	6,2400	6,2400	6,2400			6,2400					
Certificate	NL0012581565	ARCM131.02TS OPENH	EUR	9,7500	9,7900	9,7500			9,7900					
Certificate	DE000VA1GLG1	ARCM131.03TS OPENV	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	LU1784828664	ARCM131.19TS OPENS	EUR											
Certificate	DE000CV428W0	ARCM131.38TS OPENZ	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	DE000VL2FXV6	ARCM131.43TS OPENV	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	DE000VA15QD2	ARCM131.53TS OPENV	EUR	8,0500	8,0500	8,0500			8,0500					
Certificate	DE000VAGEF79	ARCM131.54TS OPENV	EUR	6,8400	6,8400	6,8400			6,8400					
Certificate	DE000VA1B7H8	ARCM131.64TS OPENV	EUR	6,5200	6,5200	6,5200			6,5200					
Certificate	DE000VAGEGA8	ARCM131.74TS OPENV	EUR	7,0400	7,0400	7,0400			7,0400					
Certificate	NL0012559850	ARCM131.92TS OPENH	EUR	10,7500	10,7900	10,7500			10,7900					
Certificate	DE000VAGEGE0	ARCM131.94TS OPENV	EUR	7,2400	7,2400	7,2400			7,2400					
Certificate	DE000VA1SQF7	ARCM132.03TS OPENV	EUR	8,5700	8,5700	8,5700			8,5700					
Certificate	DE000VAGT2J0	ARCM132.42TS OPENV	EUR	7,7300	7,7300	7,7300			7,7300					
Certificate	DE000VA15RF5	ARCM132.53TS OPENV	EUR	9,0900	9,0900	9,0900			9,0900					
Certificate	DE000CV428F5	ARCM132.79TS OPENZ	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	DE000VL5RY53	ARCM132.83TS OPENV	EUR	7,4500	7,4500	7,4500			7,4500					
Certificate	DE000VAGTYR3	ARCM132.93TS OPENV	EUR	8,2300	8,2300	8,2300			8,2300					
Certificate	NL0012904619	ARCM132.96TS OPENH	EUR	11,9100	11,9200	11,9100			11,9200					
Certificate	DE000VA1SRG3	ARCM133.03TS OPENV	EUR	9,6100	9,6100	9,6100			9,6100					
Certificate	DE000VA1SP76	ARCM133.11TS OPENV	EUR	7,9900	7,9900	7,9900			7,9900					
Certificate	DE000VAGTYT9	ARCM133.13TS OPENV	EUR	8,4300	8,4300	8,4300			8,4300					
Certificate	NL0012547541	ARCM133.26TS OPENH	EUR	12,2400	12,2800	12,2400			12,2800					
Certificate	DE000VAGTYV5	ARCM133.33TS OPENV	EUR	8,6300	8,6300	8,6300			8,6300					
Certificate	DE000VA1SRH1	ARCM133.53TS OPENV	EUR	10,1300	10,1300	10,1300			10,1300					
Certificate	DE000VAGT0Z0	ARCM133.93TS OPENV	EUR	9,2400	9,2400	9,2400			9,2400					



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	LU1784828581	ARCM134.02TS OPENS	EUR											
Certificate	DE000VAGT001	ARCM134.13TS OPENV	EUR	9,4400	9,4400	9,4400			9,4400					
Certificate	DE000VLSR830	ARCM134.29TS OPENV	EUR	8,9500	8,9500	8,9500			8,9500					
Certificate	DE000VAGT019	ARCM134.33TS OPENV	EUR	9,6400	9,6400	9,6400			9,6400					
Certificate	DE000VA1ZFW0	ARCM134.48TS OPENV	EUR	11,1600	11,1600	11,1600			11,1600					
Certificate	NL0012847156	ARCM134.74TS OPENH	EUR	13,8800	13,9100	13,8800			13,9100					
Certificate	NL0012556047	ARCM134.86TS OPENH	EUR	14,0100	14,0200	14,0100			14,0200					
Certificate	DE000VA1SL94	ARCM134.98TS OPENV	EUR	11,6900	11,6900	11,6900			11,6900					
Certificate	DE000VA15MA4	ARCM135.48TS OPENV	EUR	12,2100	12,2100	12,2100			12,2100					
Certificate	DE000CV4ZJ52	ARCM135.78TS OPENZ	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	DE000VA15MB2	ARCM135.98TS OPENV	EUR	12,7400	12,7400	12,7400			12,7400					
Certificate	NL0012556039	ARCM136.82TS OPENH	EUR	16,1900	16,2100	16,1900			16,2100					
Certificate	NL0011523022	ARCM14.879BL OPENB	EUR	8,6800	8,6900	8,6800			8,6900					
Certificate	NL0011435698	ARCM16.131BL OPENB	EUR	8,1550	8,1650	8,1550			8,1650					
Certificate	NL0011657093	ARCM19.877BL OPENB	EUR	6,5300	6,5400	6,5300			6,5400					
Certificate	DE000CJ3NTB1	ARGX 48.9TL OPENZ	EUR	1,2000	1,4300	1,2000	10146,0200	6	1,4100	7372				
Certificate	DE000CJ3N3H2	ARGX 30.58TL OPENZ	EUR	2,1900	2,2800	2,1900	11485,8000	2	2,2800	5235				
Certificate	DE000CJ3NVE1	ARGX 35.08TL OPENZ	EUR											
Certificate	DE000CJ3NSJ6	ARGX 40.48TL OPENZ	EUR											
Certificate	NL0013008634	ARGX 42.62BL OPENB	EUR	2,6650	3,2350	2,6650			3,2350					
Certificate	DE000CJ3NTA3	ARGX 43.02TL OPENZ	EUR											
Certificate	DE000CV88DJ7	ARGX 45.55TL OPENZ	EUR	1,4000	1,6000	1,4000	42149,0000	12	1,5600	27635				
Certificate	NL0013005069	ARGX 47.62BL OPENB	EUR	2,1650	2,7350	2,1650			2,7350					
Certificate	DE000CV88DK5	ARGX 51.41TL OPENZ	EUR	1,0300	1,3300	1,0300	55024,2000	21	1,3100	48510				
Certificate	NL0013001688	ARGX 52.63BL OPENB	EUR	1,6650	2,2350	1,6650	1770,0000	2	2,2350	900				
Certificate	DE000CJ3NTC9	ARGX 54.65TL OPENZ	EUR											
Certificate	DE000CJ3N8U4	ARGX 56.41TL OPENZ	EUR	0,8600	1,0800	0,8600	47140,0000	12	1,0800	47750				
Certificate	DE000CV88DL3	ARGX 57.16TL OPENZ	EUR											
Certificate	NL0013010531	ARGX 57.63BL OPENB	EUR	1,1650	1,7350	1,1650	357,5000	1	1,7350	250				
Certificate	DE000CJ3PB25	ARGX 61.41TL OPENZ	EUR	0,6800	0,8800	0,6800	63328,0400	22	0,8800	82733				
Certificate	NL0013013212	ARGX 62.62BL OPENB	EUR	0,6650	1,2350	0,6650			1,2350					
Certificate	NL0013005168	ARGX 67.31BS OPENB	EUR											
Certificate	NL0013000458	ARGX 77.28BS OPENB	EUR	1,0850	1,0850	0,5150			0,5150					
Certificate	NL0012999007	ARGX 87.24BS OPENB	EUR	2,0750	2,0750	1,5050	1944,0000	2	1,5050	1080				
Certificate	NL0012998157	ARGX 97.21BS OPENB	EUR	3,0750	3,0750	2,5050			2,5050					
Certificate	NL0010011102	ASXC 240TL OPENB	EUR	73,0850	73,0850	73,0850			73,0850					
Certificate	NL0010651907	ASMI 19TL OPENB	EUR	24,0300	24,0300	24,0300			24,0300					
Certificate	NL0011410824	ASMI 21TL OPENH	EUR	22,3800	22,3800	21,6200			21,6200					
Certificate	DE000CP06ZB1	ASMI 32TL OPENC	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	DE000CP06W72	ASMI 32TL OPENC	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	DE000CP06W80	ASMI 34TL OPENC	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	DE000CP06ZC9	ASMI 34TL OPENC	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	DE000CP06W98	ASMI 35TL OPENC	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CP06ZD7	ASMI 35TL OPENC	EUR	0,8700	0,8700	0,8700			0,8700					
Certificate	NL0012051718	ASMI 36TL OPENH	EUR	8,4700	8,4700	7,7100			7,7100					
Certificate	NL0012052211	ASMI 37TL OPENH	EUR	7,5200	7,5200	6,7600			6,7600					
Certificate	DE000CP06ZE5	ASMI 44TS OPENC	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	DE000CP06WAO	ASMI 45TS OPENC	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	DE000CQ5AU00	ASMI 46TL OPENC	EUR											
Certificate	DE000CP06WB8	ASMI 46TS OPENC	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	DE000CP06ZF2	ASMI 46TS OPENC	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CQ5ASE0	ASMI 48TL OPENC	EUR											
Certificate	DE000CQ5AUD8	ASMI 48TL OPENC	EUR											
Certificate	DE000CP06WC6	ASMI 48TS OPENC	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000CP06ZG0	ASMI 48TS OPENC	EUR	1,0400	1,0400	1,0400			1,0400					
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	30,5500	31,1000	30,5500			31,1000					
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	39,5300	39,5300	38,9300	3919,0000	1	38,9300	100				
Certificate	NL0010012670	ASMI 11.8TL OPENB	EUR	30,5300	30,5300	30,5300			30,5300					
Certificate	NL0010606000	ASMI 16.5TL OPENB	EUR	26,2500	26,2500	26,2500			26,2500					
Certificate	NL0011044318	ASMI 18.7TL OPENH	EUR	24,5300	24,5300	23,7600			23,7600					
Certificate	NL0010896023	ASMI 21.3TL OPENB	EUR	22,5700	22,5700	21,9100			21,9100					
Certificate	NL0011410816	ASMI 21.5TL OPENH	EUR	21,8900	21,8900	21,1300			21,1300					
Certificate	NL0011410808	ASMI 22.6TL OPENH	EUR	20,9200	20,9200	20,1500			20,1500					



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	NL0011441332	ASMI 24.6TL OPENB	EUR	19,6100	19,6100	18,9500			18,9500					
Certificate	NL0011731674	ASMI 25.7TL OPENH	EUR	18,0100	18,0100	17,2400			17,2400					
Certificate	NL0011443866	ASMI 26.2TL OPENB	EUR	18,1900	18,1900	17,5300			17,5300					
Certificate	NL0011720602	ASMI 27.7TL OPENH	EUR	16,1300	16,1300	15,3700			15,3700					
Certificate	NL0011971551	ASMI 28.8TL OPENH	EUR	15,1200	15,1200	14,3500			14,3500					
Certificate	NL0011975602	ASMI 29.7TL OPENH	EUR	14,2900	14,2900	13,5300			13,5300					
Certificate	NL0011976006	ASMI 30.7TL OPENH	EUR	13,3300	13,3300	12,5700			12,5700					
Certificate	NL0012026793	ASMI 30.9TL OPENB	EUR	13,8600	13,8600	13,2000			13,2000					
Certificate	NL0011990874	ASMI 31.9TL OPENH	EUR	12,2300	12,2300	11,4700			11,4700					
Certificate	NL0012028435	ASMI 32.5TL OPENB	EUR	12,4700	12,4700	11,8100			11,8100					
Certificate	NL0011991294	ASMI 32.9TL OPENH	EUR	11,2800	11,2800	10,5200			10,5200					
Certificate	NL0012039994	ASMI 34.1TL OPENB	EUR	11,0200	11,0200	10,3600			10,3600					
Certificate	NL0011992797	ASMI 34.1TL OPENH	EUR	10,2400	10,2400	9,4700			9,4700					
Certificate	NL0012050967	ASMI 34.9TL OPENH	EUR	9,4300	9,4300	8,6600			8,6600					
Certificate	NL0012099733	ASMI 35.7TL OPENB	EUR	9,5400	9,5400	8,8800			8,8800					
Certificate	NL0012104947	ASMI 37.2TL OPENB	EUR	8,1800	8,1800	7,5200	5240,3500	2	7,5200	665				
Certificate	NL0013010846	ASMI 38.1TL OPENB	EUR	7,3000	7,3000	6,6400			6,6400					
Certificate	NL0012055511	ASMI 38.1TL OPENH	EUR											
Certificate	DE000CJ3N8E8	ASMI 38.2TL OPENZ	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	NL0013012156	ASMI 39.1TL OPENB	EUR	6,3900	6,3900	5,7300			5,7300					
Certificate	NL0013012669	ASMI 40.1TL OPENB	EUR	5,4900	5,4900	4,8300			4,8300					
Certificate	DE000CJ3PCY4	ASMI 40.2TL OPENZ	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	NL0013084999	ASMI 40.8TL OPENH	EUR	3,9500	3,9500	3,1900			3,1900					
Certificate	NL0013082530	ASMI 40.8TS OPENH	EUR											
Certificate	NL0013012677	ASMI 41.1TL OPENB	EUR	4,5800	4,5800	3,9200			3,9200					
Certificate	NL0013007941	ASMI 41.1TS OPENB	EUR											
Certificate	NL0013005515	ASMI 44.1TS OPENB	EUR	7,3200	7,8700	7,3200			7,8700					
Certificate	NL0012905848	ASMI 45.8TS OPENH	EUR	7,7600	8,5000	7,7600			8,5000					
Certificate	NL0012796502	ASMI 46.5BOC1219Z	EUR	40,6800	40,6800	40,6800			40,6800					
Certificate	NL0012974182	ASMI 47.1TS OPENB	EUR	10,6000	11,1500	10,6000			11,1500					
Certificate	NL0012987911	ASMI 47.6TS OPENB	EUR	11,2100	11,7600	11,2100			11,7600					
Certificate	NL0012936116	ASMI 47.8TS OPENH	EUR	9,8400	10,5800	9,8400			10,5800					
Certificate	NL0012918544	ASMI 48.8TS OPENH	EUR	10,9400	11,6800	10,9400			11,6800					
Certificate	NL0012795678	ASMI 49.5BOC0619Z	EUR	41,7900	41,7900	41,7900			41,7900					
Certificate	NL0012795686	ASMI 49.5BOC0919Z	EUR	41,9900	41,9900	41,9900			41,9900					
Certificate	NL0012936595	ASMI 49.8TS OPENH	EUR	12,0000	12,7300	12,0000			12,7300					
Certificate	NL0012918536	ASMI 50.8TS OPENH	EUR	13,0900	13,8300	13,0900			13,8300					
Certificate	NL0012611909	ASMI 52.8TS OPENH	EUR	15,3000	16,0400	15,3000			16,0400					
Certificate	NL0012608467	ASMI 54.8TS OPENH	EUR	17,4000	18,1400	17,4000			18,1400					
Certificate	NL0012598320	ASMI 56.7TS OPENH	EUR	19,5200	20,2600	19,5200			20,2600					
Certificate	NL0012585178	ASMI 60.5TS OPENH	EUR	23,5600	24,3000	23,5600			24,3000					
Certificate	NL0012536437	ASMI 61.8TS OPENH	EUR	25,0100	25,7400	25,0100			25,7400					
Certificate	NL0012242044	ASMI 64.4TS OPENH	EUR	27,8400	28,5700	27,8400			28,5700					
Certificate	NL0012537476	ASMI 73.6TS OPENH	EUR	37,6900	38,4300	37,6900			38,4300					
Certificate	DE000CR9RJK1	ASMI 23.95TL OPENZ	EUR	17,3400	17,3400	17,3400			17,3400					
Certificate	DE000CN6F9B1	ASMI 28.72TL OPENZ	EUR	12,5900	12,5900	12,5900			12,5900					
Certificate	DE000CN6FDQ6	ASMI 30.27TL OPENZ	EUR	11,0300	11,0300	11,0300			11,0300					
Certificate	DE000CD63294	ASMI 32.25TL OPENZ	EUR	9,2700	9,2700	9,0900	927,0000	1	9,0900	100				
Certificate	NL0013007586	ASMI 33.25BL OPENB	EUR	0,9150	0,9150	0,8450	1740,0000	1	0,8450	2000				
Certificate	DE000CD63E78	ASMI 34.23TL OPENZ	EUR	7,1350	7,1350	7,1350			7,1350					
Certificate	LU1790438748	ASMI 34.64TCIOPENS	EUR	7,8200	7,8200	7,8200			7,8200					
Certificate	NL0012997142	ASMI 35.25BL OPENB	EUR	0,7150	0,7150	0,6450	140,0000	1	0,6450	200				
Certificate	DE000CD642T3	ASMI 36.22TL OPENZ	EUR	5,1700	5,1700	5,1700			5,1700					
Certificate	DE000CQ58KF2	ASMI 36.77TL OPENC	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	LU1840980327	ASMI 37.07TCIOPENS	EUR	4,9900	4,9900	4,9900			4,9900					
Certificate	NL0012977516	ASMI 37.26BL OPENB	EUR	0,5150	0,5150	0,4450	92,0000	2	0,4450	200				
Certificate	DE000CQ58295	ASMI 38.01TL OPENC	EUR											
Certificate	DE000CQ5AU44	ASMI 38.07TL OPENC	EUR											
Certificate	DE000CD64649	ASMI 38.18TL OPENZ	EUR											
Certificate	NL0013011976	ASMI 39.26BL OPENB	EUR	0,3150	0,3150	0,2450			0,2450					
Certificate	LU1840979154	ASMI 40.98TCIOPENS	EUR											
Certificate	NL0013013220	ASMI 41.25BL OPENB	EUR	0,1150	0,1150	0,1150			0,1150					
Certificate	DE000CJ3N3V3	ASMI 41.86TS OPENZ	EUR											
Certificate	NL0013006224	ASMI 42.68BS OPENB	EUR											
Certificate	LU1840911512	ASMI 43.37TCIOPENS	EUR											
Certificate	DE000CJ3N245	ASMI 45.85TS OPENZ	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	NL0012994826	ASMI 46.68BS OPENB	EUR	0,5350	0,5950	0,5350			0,5950					
Certificate	LU1790510876	ASMI 47.85TCIOPENS	EUR	7,9900	7,9900	7,9900			7,9900					
Certificate	NL0012795348	ASMI 48.6BOC0319Z	EUR	48,7000	48,7000	48,7000			48,7000					
Certificate	NL0012795330	ASMI 48.6BOC1218Z	EUR	48,0150	48,0150	48,0150			48,0150					
Certificate	DE000CV89L44	ASMI 49.83TS OPENZ	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	NL0012994420	ASMI 50.66BS OPENB	EUR	0,9350	0,9950	0,9350			0,9950					



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	NL0012795264	ASMI 50.96BON0319Z	EUR	47,9550	47,9550	47,9550			47,9550					
Certificate	DE000CV88G67	ASMI 53.82TS OPENZ	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	DE000CE6CHG6	ASMI 57.79TS OPENZ	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	DE000CE6FE06	ASMI 64.73TS OPENZ	EUR											
Certificate	LU1719442797	ASMI 68.95TPIOPENS	EUR											
Certificate	DE000CE6BQQ8	ASMLH LEVOPENZ	EUR	87,3000	87,3000	79,4050	873,0000	1	79,4050		10			
Certificate	DE000CE6BQF1	ASMLH SHROPENZ	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	NL0009261080	ASMLH 17TL OPENB	EUR	144,0400	144,0400	139,8200			139,8200					
Certificate	NL0010893483	ASMLH 69TL OPENB	EUR	95,7300	95,7300	91,4500			91,4500					
Certificate	DE000CW42P86	ASMLH 70TL OPENC	EUR	8,9900	8,9900	8,9900			8,9900					
Certificate	DE000CW42KK5	ASMLH 70TL OPENC	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	NL0011712781	ASMLH 79TL OPENH	EUR	8,6400	8,6400	8,1400			8,1400					
Certificate	DE000CX01ZB6	ASMLH 80TL OPENC	EUR	7,5800	7,5800	7,5800			7,5800					
Certificate	DE000CX599D5	ASMLH 90TL OPENC	EUR	7,0400	7,0400	7,0400			7,0400					
Certificate	NL0012099741	ASMLH 97TL OPENB	EUR	69,7300	69,7300	65,4500			65,4500					
Certificate	NL0012100457	ASMLH 99TL OPENB	EUR	67,8200	67,8200	63,5400			63,5400					
Certificate	DE000CY16X86	ASMLH 100TL OPENC	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	DE000CY502D8	ASMLH 100TL OPENC	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	DE000CY0AU62	ASMLH 110TL OPENC	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	DE000CY0ARY1	ASMLH 110TL OPENC	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	DE000CY50UF3	ASMLH 115TL OPENC	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	DE000CY50WU8	ASMLH 115TL OPENC	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	DE000CY50NC5	ASMLH 120TL OPENC	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	DE000CY50N28	ASMLH 120TL OPENC	EUR	3,5200	3,5200	3,5200			3,5200					
Certificate	DE000CV8BCH2	ASMLH 123TL 1218Z	EUR	3,2650	3,2650	3,2650			3,2650					
Certificate	DE000VA71UT0	ASMLH 125TL 0319V	EUR	3,6840	3,6840	3,0690			3,0690					
Certificate	DE000CY50UG1	ASMLH 125TL OPENC	EUR	3,3500	3,3500	3,0200	2075,4400	3	3,0200		624			
Certificate	DE000CY50WV6	ASMLH 125TL OPENC	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	DE000VA71P34	ASMLH 130TL 0319V	EUR	3,1850	3,1850	2,5690			2,5690					
Certificate	DE000CY51BS4	ASMLH 130TL OPENC	EUR	3,3000	3,3000	3,1800	1650,0000	1	3,1800		500			
Certificate	DE000CY51A30	ASMLH 130TL OPENC	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	DE000CV8BEM8	ASMLH 133TL 1218Z	EUR	2,5000	2,5000	2,2650	500,0000	1	2,2650		200			
Certificate	DE000VA77D16	ASMLH 135TL 0319V	EUR	2,6850	2,6850	2,0700			2,0700					
Certificate	DE000VA71US2	ASMLH 135TL 1218V	EUR	2,6810	2,6810	2,0650			2,0650					
Certificate	DE000CY51UJ3	ASMLH 135TL OPENC	EUR	2,3700	2,3700	2,0400	671,5400	3	2,0400		307			
Certificate	DE000CY51GN4	ASMLH 135TL OPENC	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	DE000VA7PXC3	ASMLH 140TL 0319V	EUR	2,1860	2,1860	1,6140			1,6140					
Certificate	DE000VA71P18	ASMLH 140TL 1218V	EUR	2,1810	2,1810	1,5900			1,5900					
Certificate	DE000CP06TR0	ASMLH 140TL OPENC	EUR	1,8300	1,8300	1,5700	658,8000	2	1,5700		360			
Certificate	DE000CY51FF2	ASMLH 140TL OPENC	EUR											
Certificate	DE000CY51GP9	ASMLH 140TL OPENC	EUR	2,5100	2,5100	2,2200	376,5000	1	2,2200		150			
Certificate	DE000CP06WD4	ASMLH 142TL OPENC	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	DE000CJ3PCK3	ASMLH 143TL 1218Z	EUR	1,2850	1,2850	1,2850			1,2850					
Certificate	DE000CV8AE45	ASMLH 143TL 1218Z	EUR											
Certificate	DE000VA71P42	ASMLH 145TL 0319V	EUR	1,7290	1,7290	1,1600			1,1600					
Certificate	DE000VA71P26	ASMLH 145TL 1218V	EUR	1,7050	1,7050	1,1350			1,1350					
Certificate	DE000CY52HM2	ASMLH 145TL OPENC	EUR											
Certificate	DE000VA71YV8	ASMLH 150TL 0319V	EUR	1,2750	1,2750	0,7070			0,7070					
Certificate	DE000VA71YL9	ASMLH 150TL 1218V	EUR	1,2500	1,2500	0,6810			0,6810					
Certificate	DE000CP06LS9	ASMLH 150TL OPENC	EUR											
Certificate	DE000CP06KF4	ASMLH 150TL OPENC	EUR											
Certificate	DE000CP06TS8	ASMLH 150TS OPENC	EUR											
Certificate	NL0012494520	ASMLH 151BOC1218B	EUR	150,3000	150,3000	150,0500			150,0500					
Certificate	DE000VA71YX4	ASMLH 155TL 0319V	EUR	0,8220	0,8220	0,8220			0,8220					
Certificate	DE000VA71YR6	ASMLH 155TL 1218V	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	DE000VA71P00	ASMLH 155TS 0319V	EUR											
Certificate	DE000VA71P59	ASMLH 155TS 1218V	EUR											
Certificate	DE000CP06Z88	ASMLH 155TS OPENC	EUR											
Certificate	DE000CP06WE2	ASMLH 155TS OPENC	EUR											
Certificate	DE000VA71YZ9	ASMLH 160TL 0319V	EUR	0,2530	0,2530	0,2530			0,2530					
Certificate	DE000VA71YT2	ASMLH 160TL 1218V	EUR	0,2470	0,2470	0,2470			0,2470					
Certificate	DE000VA77FA6	ASMLH 160TS 0319V	EUR											
Certificate	DE000VA77FB4	ASMLH 160TS 1218V	EUR											
Certificate	DE000CP06TT6	ASMLH 160TS OPENC	EUR											
Certificate	DE000CP06ZJ4	ASMLH 160TS OPENC	EUR											
Certificate	DE000CQ58006	ASMLH 165TL OPENC	EUR											
Certificate	DE000VA77BW9	ASMLH 165TS 0319V	EUR											
Certificate	DE000CP06WF9	ASMLH 165TS OPENC	EUR											
Certificate	NL0012648760	ASMLH 166BON0619Z	EUR	158,2900	158,2900	158,2900			158,2900					
Certificate	NL0012676258	ASMLH 168BOC1218B	EUR	165,6500	165,6500	164,8000			164,8000					
Certificate	DE000VA6D9W6	ASMLH 168TS 1218V	EUR	0,8590	1,4140	0,8590	807,8000	1	1,4140		700			
Certificate	NL0012648299	ASMLH 170BOC1218Z	EUR	166,6300	166,6300	166,6300			166,6300					



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	DE000CQ58F95	ASMLH 170TL OPENC	EUR											
Certificate	DE000CQ58DX0	ASMLH 170TL OPENC	EUR											
Certificate	DE000VA7PUQ9	ASMLH 170TS 0319V	EUR	1,0630	1,6190	1,0630			1,6190					
Certificate	DE000VA6D6P6	ASMLH 170TS 1218V	EUR	1,0430	1,5970	1,0430	650,5000	1	1,5970	500				
Certificate	DE000CP06743	ASMLH 170TS OPENC	EUR	1,3000	1,5700	1,3000	357,5000	1	1,5700	275				
Certificate	DE000CP06751	ASMLH 170TS OPENC	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	DE000VA6D6Q4	ASMLH 172TS 1218V	EUR	1,2260	1,7800	1,2260			1,7800					
Certificate	DE000VA6D6R2	ASMLH 174TS 1218V	EUR	1,4080	1,9790	1,4080			1,9790					
Certificate	DE000CJ3N2P7	ASMLH 174TS 1218Z	EUR	2,0050	2,0050	2,0050			2,0050					
Certificate	DE000VA7PUR7	ASMLH 175TS 0319V	EUR	1,5230	2,0910	1,5230			2,0910					
Certificate	DE000CP06750	ASMLH 175TS OPENC	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	NL0012648307	ASMLH 176BOC0619Z	EUR	166,1000	166,1000	166,1000			166,1000					
Certificate	NL0012648992	ASMLH 176BOC1218Z	EUR	170,4100	170,4100	170,4100			170,4100					
Certificate	DE000VA6D6S0	ASMLH 176TS 1218V	EUR	1,5920	2,1790	1,5920			2,1790					
Certificate	NL0012796338	ASMLH 178BOC0919Z	EUR	156,8500	156,8500	156,8500			156,8500					
Certificate	DE000VA6D6G5	ASMLH 178TS 1218V	EUR	1,7750	2,3800	1,7750			2,3800					
Certificate	DE000VA7PUS5	ASMLH 180TS 0319V	EUR	1,9810	2,5930	1,9810			2,5930					
Certificate	DE000VASRG09	ASMLH 180TS 1218V	EUR	1,9630	2,5800	1,9630			2,5800					
Certificate	DE000CQ58UV8	ASMLH 180TS OPENC	EUR	3,2600	3,2600	3,2600			3,2600					
Certificate	DE000CQ58T16	ASMLH 180TS OPENC	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	DE000VASRG25	ASMLH 182TS 1218V	EUR	2,1640	2,7800	2,1640			2,7800					
Certificate	NL0012795314	ASMLH 185BOC0319Z	EUR	166,4500	166,4500	166,4500			166,4500					
Certificate	NL0013003221	ASMLH 185BOC0919B	EUR	159,6000	159,6000	155,8000	23710,0000	2	155,8000	150				
Certificate	NL0012795256	ASMLH 185BON0319Z	EUR	154,3400	154,3400	154,3400			154,3400					
Certificate	DE000VA7PUT3	ASMLH 185TS 0319V	EUR	2,4770	3,0940	2,4770			3,0940					
Certificate	DE000VASRB79	ASMLH 185TS 1218V	EUR	2,4640	3,0810	2,4640			3,0810					
Certificate	DE000CP060A4	ASMLH 185TS OPENC	EUR	3,0600	3,0600	3,0600			3,0600					
Certificate	NL0012796346	ASMLH 187BOC1219Z	EUR	155,9700	155,9700	155,9700			155,9700					
Certificate	NL0012649008	ASMLH 188BOC0619Z	EUR	167,3950	167,3950	167,3950			167,3950					
Certificate	DE000VA4YS72	ASMLH 188TS 1218V	EUR											
Certificate	DE000VASENX8	ASMLH 188TS 1218V	EUR	2,7650	3,3810	2,7650			3,3810					
Certificate	DE000VA7PUU1	ASMLH 190TS 0319V	EUR	2,9780	3,5960	2,9780			3,5960					
Certificate	DE000VA4YNP5	ASMLH 190TS 1218V	EUR	2,9650	3,5810	2,9650			3,5810					
Certificate	DE000CV521W8	ASMLH 190TS OPENC	EUR											
Certificate	DE000CQ58T24	ASMLH 190TS OPENC	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	DE000CV51UR6	ASMLH 190TS OPENC	EUR											
Certificate	DE000CQ58HK8	ASMLH 190TS OPENC	EUR	4,2400	4,2400	4,2400			4,2400					
Certificate	DE000VA4YNQ3	ASMLH 192TS 1218V	EUR	3,1650	3,7810	3,1650			3,7810					
Certificate	NL0012795553	ASMLH 194BOC0619Z	EUR	158,4100	158,4100	158,4100			158,4100					
Certificate	DE000VA4YNNR1	ASMLH 194TS 1218V	EUR	3,3650	3,9820	3,3650			3,9820					
Certificate	DE000CV8B9A8	ASMLH 194TS 1218Z	EUR	3,9850	3,9850	3,9850			3,9850					
Certificate	NL0012795561	ASMLH 196BOC0919Z	EUR	159,9200	159,9200	159,9200			159,9200					
Certificate	DE000VA4YN85	ASMLH 196TS 1218V	EUR	3,5660	4,1820	3,5660			4,1820					
Certificate	DE000VA4YN93	ASMLH 198TS 1218V	EUR	3,7660	4,3820	3,7660			4,3820					
Certificate	NL0012987309	ASMLH 200BOC0619B	EUR	169,2000	169,2000	164,0000			164,0000					
Certificate	DE000VA4YPA2	ASMLH 200TS 1218V	EUR	3,9660	4,5820	3,9660			4,5820					
Certificate	DE000CV52M19	ASMLH 200TS OPENC	EUR	5,1600	5,1600	5,1600			5,1600					
Certificate	DE000CV51X58	ASMLH 200TS OPENC	EUR	4,1100	4,1100	4,1100			4,1100					
Certificate	DE000CQ58030	ASMLH 200TS OPENC	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	DE000VA4YPB0	ASMLH 202TS 1218V	EUR	4,1660	4,7820	4,1660			4,7820					
Certificate	DE000CQ58DZ5	ASMLH 205TS OPENC	EUR	4,9700	4,9700	4,9700			4,9700					
Certificate	DE000CQ5ACP0	ASMLH 210TS OPENC	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	DE000CV8AB63	ASMLH 214TS 1218Z	EUR	5,9900	5,9900	5,9900			5,9900					
Certificate	DE000CQ58048	ASMLH 220TS OPENC	EUR	6,4500	6,4500	6,4500			6,4500					
Certificate	DE000CQ582D0	ASMLH 220TS OPENC	EUR	7,3100	7,3100	7,3100			7,3100					
Certificate	DE000CQ58E05	ASMLH 230TS OPENC	EUR	7,4500	7,4500	7,4500			7,4500					
Certificate	DE000CV8AB71	ASMLH 234TS 1218Z	EUR	7,9900	7,9900	7,9900			7,9900					
Certificate	DE000VL2FR59	ASMLH 111.TL OPENV	EUR	4,9730	4,9730	4,3570			4,3570					
Certificate	LU1573600514	ASMLH 115.TCIOPENS	EUR	4,2300	4,2300	3,9300	7614,0000	2	3,9300	1800				
Certificate	DE000CE6DYT2	ASMLH 123.TL OPENZ	EUR	3,2350	3,2350	3,2350			3,2350					
Certificate	DE000VL2FSP4	ASMLH 127.TL OPENV	EUR	3,3420	3,3420	2,7260	394,7900	2	2,7260	132				
Certificate	DE000VL2FTL1	ASMLH 129.TL OPENV	EUR	3,1400	3,1400	2,5240			2,5240					
Certificate	DE000CE6E093	ASMLH 130.TL OPENZ	EUR	2,7500	2,8600	2,5000	4795,8000	5	2,5050	1785				
Certificate	DE000VL2FTM9	ASMLH 131.TL OPENV	EUR	2,9360	2,9360	2,3200			2,3200					
Certificate	DE000CE6EU98	ASMLH 137.TL OPENZ	EUR	2,3100	2,3100	1,8350	135977,3000	33	1,8350	62310				
Certificate	LU1840979238	ASMLH 154.TPIOPENS	EUR											
Certificate	DE000VA3TK60	ASMLH 166.TL OPENV	EUR											
Certificate	LU1817217232	ASMLH 169.TPIOPENS	EUR	1,3700	1,3700	1,3700			1,3700					
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											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0009560325	ASMLH 18.3TL OPENB	EUR	138,5900	138,5900	138,5900			138,5900					
Certificate	DE000VASRGPO	ASMLH 180.TS OPENV	EUR	1,8600	2,4760	1,8600			2,4760					
Certificate	DE000VASRGQ8	ASMLH 182.TS OPENV	EUR	2,0590	2,6750	2,0590			2,6750					
Certificate	LU1816971995	ASMLH 184.TPIOPENS	EUR	2,8300	2,8300	2,8300			2,8300					
Certificate	NL0010013769	ASMLH 32.5TL OPENB	EUR	129,6000	129,6000	125,3900			125,3900					
Certificate	NL0011413372	ASMLH 32.9TL OPENH	EUR	12,9300	12,9300	12,4300			12,4300					
Certificate	NL0011040100	ASMLH 41.2TL OPENH	EUR	12,1600	12,1600	11,6600			11,6600					
Certificate	NL0010249538	ASMLH 42.5TL OPENB	EUR	116,0600	116,0600	116,0600			116,0600					
Certificate	NL0010283610	ASMLH 46.7TL OPENB	EUR	112,1500	112,1500	112,1500			112,1500					
Certificate	NL0010376752	ASMLH 49.3TL OPENB	EUR	109,7100	109,7100	109,7100			109,7100					
Certificate	NL0011039334	ASMLH 51.8TL OPENH	EUR	11,1600	11,1600	10,6700			10,6700					
Certificate	NL0010378121	ASMLH 52.3TL OPENB	EUR	106,9900	106,9900	106,9900			106,9900					
Certificate	NL0010379350	ASMLH 54.8TL OPENB	EUR	104,6600	104,6600	104,6600			104,6600					
Certificate	NL0011040092	ASMLH 57.1TL OPENH	EUR	10,6700	10,6700	10,1800			10,1800					
Certificate	NL0010657052	ASMLH 57.8TL OPENB	EUR	101,8600	101,8600	101,8600			101,8600					
Certificate	NL0010658597	ASMLH 60.6TL OPENB	EUR	99,2000	99,2000	99,2000			99,2000					
Certificate	NL0011039326	ASMLH 62.4TL OPENH	EUR	10,1800	10,1800	9,6800			9,6800					
Certificate	NL0010764122	ASMLH 66.4TL OPENB	EUR	93,8200	93,8200	93,8200			93,8200					
Certificate	NL0011040084	ASMLH 67.7TL OPENH	EUR	9,6800	9,6800	9,1800			9,1800					
Certificate	NL0011413364	ASMLH 68.6TL OPENH	EUR	9,6000	9,6000	9,1100			9,1100					
Certificate	NL0011649447	ASMLH 72.2TL OPENB	EUR	92,7500	92,7500	88,4700			88,4700					
Certificate	NL0011712815	ASMLH 72.7TL OPENH	EUR	9,2200	9,2200	8,7200			8,7200					
Certificate	NL0011712807	ASMLH 74.8TL OPENH	EUR	9,0300	9,0300	8,5300			8,5300					
Certificate	NL0011651948	ASMLH 75.3TL OPENB	EUR	89,8500	89,8500	85,5700			85,5700					
Certificate	NL0011712799	ASMLH 76.9TL OPENH	EUR	8,8300	8,8300	8,3300			8,3300					
Certificate	NL0011891015	ASMLH 83.1TL OPENH	EUR	8,2500	8,2500	7,7600			7,7600					
Certificate	NL0011926720	ASMLH 87.3TL OPENH	EUR	7,8600	7,8600	7,3700	77,3000	1	7,3700	10				
Certificate	NL0011906318	ASMLH 88.7TL OPENB	EUR	77,3600	77,3600	73,0800			73,0800					
Certificate	NL0012030340	ASMLH 90.7TL OPENB	EUR	75,5300	75,5300	71,2500			71,2500					
Certificate	NL0011993555	ASMLH 91.3TL OPENH	EUR	7,4900	7,4900	6,9900			6,9900					
Certificate	NL0012048995	ASMLH 93.4TL OPENH	EUR	7,3000	7,3000	6,8000			6,8000					
Certificate	NL0012040687	ASMLH 94.8TL OPENB	EUR	71,7200	71,7200	67,4400			67,4400					
Certificate	NL0012052708	ASMLH 98.5TL OPENH	EUR	6,8200	6,8200	6,3300			6,3300					
Certificate	DE000CD644R3	ASMLH100.1TL OPENZ	EUR	55,1250	55,1250	55,1250			55,1250					
Certificate	NL0012100465	ASMLH101.1TL OPENB	EUR	65,9000	65,9000	61,6200			61,6200					
Certificate	NL0012100325	ASMLH101.2BL OPENB	EUR	59,8200	59,8200	55,5400			55,5400					
Certificate	LU1477223546	ASMLH101.3TCIOPENS	EUR	53,1200	53,1200	53,1200			53,1200					
Certificate	NL0012101174	ASMLH103.1TL OPENB	EUR	63,9900	63,9900	59,7100			59,7100					
Certificate	NL0012100333	ASMLH103.3BL OPENB	EUR	57,7200	57,7200	53,4400			53,4400					
Certificate	DE000CD64656	ASMLH105.1TL OPENZ	EUR	50,1200	50,1200	50,1200			50,1200					
Certificate	DE000CD64EA3	ASMLH106.4TL OPENZ	EUR	5,1850	5,1850	5,1850			5,1850					
Certificate	NL0012105688	ASMLH107.3TL OPENB	EUR	60,0900	60,0900	55,8100			55,8100					
Certificate	DE000VNGY0A9	ASMLH107.9TL OPENV	EUR	5,2750	5,2750	4,6630	8058,0000	2	4,6630	1700				
Certificate	DE000VNGY290	ASMLH107.9TL OPENV	EUR	5,7950	5,7950	5,1750			5,1750					
Certificate	NL0012105845	ASMLH109.6BL OPENB	EUR	51,4400	51,4400	47,1600			47,1600					
Certificate	NL0012056022	ASMLH110.8TL OPENH	EUR	5,6800	5,6800	5,1800			5,1800					
Certificate	DE000CD64E85	ASMLH111.1TL OPENZ	EUR	4,4150	4,4150	4,4150			4,4150					
Certificate	NL0012106181	ASMLH111.4TL OPENB	EUR	56,2800	56,2800	52,0000			52,0000					
Certificate	NL0012105852	ASMLH111.6BL OPENB	EUR	49,3600	49,3600	45,0800			45,0800					
Certificate	DE000VNG58H9	ASMLH113.3TL OPENV	EUR	5,3050	5,3050	4,6910			4,6910					
Certificate	DE000VNG58L1	ASMLH113.3TL OPENV	EUR	4,7620	4,7620	4,1460	555,3800	1	4,1460	125				
Certificate	NL0012117758	ASMLH113.5TL OPENB	EUR	54,3300	54,3300	50,0500			50,0500					
Certificate	NL0012106116	ASMLH113.7BL OPENB	EUR	47,2800	47,2800	42,9900	4437,0000	2	43,0000	100				
Certificate	DE000VL2FP54	ASMLH114.9TL OPENV	EUR	4,5650	4,5650	3,9490			3,9490					
Certificate	DE000CE6C2G7	ASMLH115.6TL OPENZ	EUR	4,2950	4,2950	4,2950			4,2950					
Certificate	NL0012366793	ASMLH115.7TL OPENH	EUR	5,2200	5,2200	4,7200			4,7200					
Certificate	DE000CE6BHH6	ASMLH117.1TL OPENZ	EUR	3,8250	3,8250	3,8250			3,8250					
Certificate	NL0012277099	ASMLH117.5TL OPENB	EUR	50,6500	50,6500	46,3700			46,3700					
Certificate	DE000VNG6XH2	ASMLH117.8TL OPENV	EUR	4,2580	4,2580	3,6420	600,3000	1	3,6420	150				
Certificate	NL0012371041	ASMLH120.5TL OPENH	EUR	4,7700	4,7700	4,2700			4,2700					
Certificate	DE000VL2FPT2	ASMLH120.9TL OPENV	EUR	3,9530	3,9530	3,3370			3,3370					
Certificate	NL0012278253	ASMLH121.5BL OPENB	EUR	39,9500	39,9500	35,6700	965,0000	1	35,6700	25				
Certificate	NL0012277610	ASMLH121.6TL OPENB	EUR	46,8000	46,8000	42,5200			42,5200					
Certificate	DE000VL5RX13	ASMLH122.4TL OPENV	EUR	4,4400	4,4400	3,8240			3,8240					
Certificate	DE000VL2FL22	ASMLH122.8TL OPENV	EUR	3,7480	3,7480	3,1320			3,1320					
Certificate	DE000VL5RX21	ASMLH124.4TL OPENV	EUR	4,2460	4,2460	3,6300			3,6300					
Certificate	DE000VL2FPU0	ASMLH124.9TL OPENV	EUR	3,5430	3,5430	2,9270	4894,0200	14	2,9270	1513				
Certificate	NL0012372270	ASMLH125.6TL OPENH	EUR	4,3000	4,3000	3,8000	4653,5000	2	3,8000	1150				
Certificate	NL0012277628	ASMLH125.7TL OPENB	EUR	43,0000	43,0000	38,7200	19445,0000	1	38,7200	500				
Certificate	DE000CE6EQ8	ASMLH125.8TL OPENZ	EUR	3,3050	3,3050	3,3050			3,3050					
Certificate	NL0012278279	ASMLH126.6BL OPENB	EUR	34,7800	34,7800	30,5000	837,2500	1	30,5000	25				
Certificate	DE000VL37EY2	ASMLH128.2TL OPENV	EUR	3,8590	3,8590	3,2430			3,2430					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1573750830	ASMLH128.3TCIOPENS	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	NL0012492227	ASMLH128.7TL OPENB	EUR	40,2100	40,2100	35,9300	17541,0000	2	35,9300	450				
Certificate	DE000VL5RX39	ASMLH130.4TL OPENV	EUR	3,6670	3,6670	3,0510			3,0510					
Certificate	NL0012493290	ASMLH131.78L OPENB	EUR	29,6700	29,6700	25,3900	5557,4000	3	25,3900	210				
Certificate	NL0012493522	ASMLH131.7TL OPENB	EUR	37,4100	37,4100	33,1300	17902,0000	3	33,1300	500				
Certificate	LU1573783419	ASMLH131.8TCIOPENS	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	DE000VL2FTT4	ASMLH133.1TL OPENV	EUR	2,7330	2,7330	2,1170	735,0000	1	2,1170	300				
Certificate	DE000VL37E29	ASMLH133.2TL OPENV	EUR	3,3740	3,3740	2,7580			2,7580					
Certificate	NL0012493795	ASMLH134.38L OPENB	EUR	27,1100	27,1100	22,8300	20137,4200	3	22,8300	801				
Certificate	NL0012495493	ASMLH134.8TL OPENB	EUR	34,5200	34,5200	30,2400	16795,0000	1	30,2400	500				
Certificate	NL0012518047	ASMLH134.9TL OPENH	EUR	3,4300	3,4300	2,9300			2,9300					
Certificate	DE000VL2FTU2	ASMLH135.1TL OPENV	EUR	2,5290	2,5290	1,9130	1182,5000	1	1,9130	500				
Certificate	LU1574196256	ASMLH135.8TCIOPENS	EUR	2,1400	2,2900	1,8500	7814,8000	4	1,8500	3580				
Certificate	DE000VL37GN0	ASMLH136.2TL OPENV	EUR	3,0850	3,0850	2,4690			2,4690					
Certificate	NL0012495360	ASMLH136.98L OPENB	EUR	24,5400	24,5400	20,2600	31244,6200	6	20,2600	1374				
Certificate	DE000CE6EY86	ASMLH137.1TL OPENZ	EUR	2,2050	2,2050	2,2050			2,2050					
Certificate	NL0012496780	ASMLH137.8TL OPENB	EUR	31,7300	31,7300	27,4500	13091,0000	3	27,4500	425				
Certificate	DE000VL37E03	ASMLH138.2TL OPENV	EUR	2,8910	2,8910	2,2750			2,2750					
Certificate	DE000VL2FWG5	ASMLH138.2TL OPENV	EUR	2,2040	2,2040	1,5880	408636,0900	66	1,5880	212375				
Certificate	DE000VL37GP5	ASMLH140.2TL OPENV	EUR											
Certificate	NL0013009632	ASMLH140.7TL OPENB	EUR	2,9100	2,9100	2,4750	72890,0000	6	2,4750	27000				
Certificate	NL0012522353	ASMLH140.8TL OPENH	EUR											
Certificate	LU1784829472	ASMLH140.8TL OPENS	EUR											
Certificate	DE000VA71PH5	ASMLH141.3TL OPENV	EUR	2,0260	2,0260	1,4100			1,4100					
Certificate	NL0013013238	ASMLH141.98L OPENB	EUR	1,9750	1,9750	1,5450	24836,8500	9	1,5450	14001				
Certificate	LU1840980590	ASMLH142.5TCIOPENS	EUR	1,6800	1,6800	1,3800	1605,0000	2	1,3800	1000				
Certificate	DE000VL5R4Y5	ASMLH142.6TL OPENV	EUR											
Certificate	DE000VA71PK9	ASMLH143.3TL OPENV	EUR	1,8260	1,8260	1,2100	799,5000	1	1,2100	500				
Certificate	NL0013009640	ASMLH143.7TL OPENB	EUR	2,6250	2,6250	2,1950	5737,0000	4	2,1950	2300				
Certificate	DE000CE6EYW4	ASMLH144.2TL OPENZ	EUR											
Certificate	DE000VL5R400	ASMLH144.6TL OPENV	EUR											
Certificate	NL0013082548	ASMLH144.9TL OPENH	EUR	2,5000	2,5000	2,0100	9487,5000	6	2,0100	4150				
Certificate	DE000CJ3N8F5	ASMLH144.9TL OPENZ	EUR	1,4900	1,4900	1,0750	14320,7500	9	1,0750	11275				
Certificate	DE000VA71PM5	ASMLH145.3TL OPENV	EUR	1,6260	1,6260	1,0240	370,8000	2	1,0240	300				
Certificate	NL0013010853	ASMLH146.6TL OPENB	EUR	2,3450	2,3450	1,9250	9258,8800	5	1,9250	4332				
Certificate	DE000VL76KF6	ASMLH146.8TL OPENV	EUR											
Certificate	NL0013013246	ASMLH146.98L OPENB	EUR	1,4750	1,4750	1,0450	5520,0000	1	1,0450	4000				
Certificate	DE000VA71WT6	ASMLH147.3TL OPENV	EUR	1,4260	1,4260	0,8470			0,8470					
Certificate	DE000VA71PQ6	ASMLH147.3TL OPENV	EUR											
Certificate	DE000VA71WY6	ASMLH149.1TL OPENV	EUR	1,9480	1,9480	1,3510			1,3510					
Certificate	DE000VA71RV2	ASMLH149.1TL OPENV	EUR											
Certificate	DE000VA71ZA9	ASMLH149.3TL OPENV	EUR	1,2270	1,2270	0,6710			0,6710					
Certificate	NL0013012685	ASMLH149.6TL OPENB	EUR	2,0750	2,0750	1,6450	127,4000	1	1,6450	65				
Certificate	NL0013081565	ASMLH149.9TS OPENH	EUR											
Certificate	DE000VA71ZD3	ASMLH151.3TL OPENV	EUR	1,0460	1,0460	0,4940			0,4940					
Certificate	NL0013013253	ASMLH151.98L OPENB	EUR	0,9750	0,9800	0,5450	2877,5000	5	0,5450	3500				
Certificate	NL0013012693	ASMLH152.6TL OPENB	EUR	1,7950	1,7950	1,3650	4125,0000	1	1,3650	2500				
Certificate	DE000CJ3PC21	ASMLH152.9TL OPENZ	EUR											
Certificate	DE000VA71ZG6	ASMLH153.3TL OPENV	EUR	0,8690	0,8690	0,3170			0,3170					
Certificate	DE000VA71V51	ASMLH153.5TS OPENV	EUR											
Certificate	LU1841096545	ASMLH154.1TCIOPENS	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	NL0013010986	ASMLH154.8TS OPENB	EUR											
Certificate	NL0013009970	ASMLH154.8TS OPENB	EUR											
Certificate	DE000VA71ZJ0	ASMLH155.3TL OPENV	EUR	0,6920	0,6920	0,6920			0,6920					
Certificate	DE000VA71PC6	ASMLH155.5TS OPENV	EUR											
Certificate	NL0013012701	ASMLH155.6TL OPENB	EUR	1,5150	1,5150	1,1400	31400,0000	3	1,1400	25000				
Certificate	NL0013013261	ASMLH156.98L OPENB	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	LU1841029199	ASMLH157.2TCIOPENS	EUR											
Certificate	DE000VA71ZM4	ASMLH157.3TL OPENV	EUR	0,5150	0,5150	0,5150			0,5150					
Certificate	DE000VA71PF9	ASMLH157.5TS OPENV	EUR											
Certificate	DE000VA77FT6	ASMLH157.9TS OPENV	EUR											
Certificate	NL0013012719	ASMLH158.6TL OPENB	EUR											
Certificate	DE000VA71Z65	ASMLH159.1TL OPENV	EUR	1,0530	1,0530	1,0530			1,0530					
Certificate	DE000VA71ZQ5	ASMLH159.3TL OPENV	EUR	0,3380	0,3380	0,3380			0,3380					
Certificate	DE000VA77FE8	ASMLH159.5TS OPENV	EUR											
Certificate	NL0013009988	ASMLH159.7TS OPENB	EUR											
Certificate	DE000CJ3N435	ASMLH159.9TS OPENZ	EUR											
Certificate	LU1841096628	ASMLH160.3TCIOPENS	EUR											
Certificate	DE000VA71ZS1	ASMLH161.3TL OPENV	EUR	0,0660	0,0660	0,0660			0,0660					
Certificate	DE000VA71D99	ASMLH161.5TS OPENV	EUR											
Certificate	DE000VA71B00	ASMLH163.5TS OPENV	EUR											
Certificate	NL0013006232	ASMLH163.98S 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	NL0013005523	ASMLH164.7TS OPENB	EUR											
Certificate	NL0013079254	ASMLH164.9TS OPENH	EUR											
Certificate	DE000VA7PW33	ASMLH165.5TS OPENV	EUR											
Certificate	DE000VA15N35	ASMLH166.4TL OPENV	EUR											
Certificate	DE000VA6D9F1	ASMLH167.8TS OPENV	EUR	0,7290	1,2850	0,7290	162,0000	1	1,2850	150				
Certificate	DE000VA6D9M7	ASMLH168.1TS OPENV	EUR	1,5820	1,5820									
Certificate	NL0012995542	ASMLH168.8BS OPENB	EUR	1,0850	1,5050	1,0850			1,5050					
Certificate	DE000VA4RMGO	ASMLH168.8TL OPENV	EUR											
Certificate	NL0012995799	ASMLH169.5TS OPENB	EUR	2,3650	2,7750	2,3650			2,7750					
Certificate	DE000VA6D6H3	ASMLH169.8TS OPENV	EUR	0,9020	1,4810	0,9020			1,4810					
Certificate	DE000VA6D6L5	ASMLH170.1TS OPENV	EUR	1,7710	2,3870	1,7710			2,3870					
Certificate	DE000VA2T6K3	ASMLH170.6TL OPENV	EUR											
Certificate	DE000VA6D6J9	ASMLH171.8TS OPENV	EUR	1,0800	1,6810	1,0800			1,6810					
Certificate	DE000VA6D6M3	ASMLH172.1TS OPENV	EUR	1,9810	2,5970	1,9810			2,5970					
Certificate	DE000VA2T6Y4	ASMLH172.6TL OPENV	EUR											
Certificate	NL0012995559	ASMLH173.8BS OPENB	EUR	1,5850	2,0050	1,5850	1161,7000	2	2,0050	658				
Certificate	DE000VA6D6K7	ASMLH173.8TS OPENV	EUR	1,2640	1,8800	1,2640			1,8800					
Certificate	DE000VA6D6N1	ASMLH174.1TS OPENV	EUR	2,1910	2,8070	2,1910			2,8070					
Certificate	DE000VA3TEP6	ASMLH174.7TL OPENV	EUR											
Certificate	NL0012898324	ASMLH174.8TS OPENH	EUR	2,9100	3,4100	2,9100			3,4100					
Certificate	DE000CV8BBZ6	ASMLH174.8TS OPENZ	EUR	2,0550	2,0550	2,0550			2,0550					
Certificate	DE000VA6D6C4	ASMLH175.8TS OPENV	EUR	1,4630	2,0790	1,4630			2,0790					
Certificate	DE000VA6D6E0	ASMLH176.1TS OPENV	EUR	2,4000	3,0160	2,4000			3,0160					
Certificate	LU1817129023	ASMLH177.7TPIOPENS	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	DE000VA6D6D2	ASMLH177.8TS OPENV	EUR	1,6620	2,2780	1,6620			2,2780					
Certificate	DE000VA6D6F7	ASMLH178.1TS OPENV	EUR	2,6090	3,2250	2,6090			3,2250					
Certificate	NL0012990451	ASMLH178.8BS OPENB	EUR	2,0850	2,4950	2,0500	10582,8000	6	2,4950	4999				
Certificate	NL0012990162	ASMLH179.2TS OPENB	EUR	3,4150	3,8250	3,4150	887,5000	1	3,8250	250				
Certificate	NL0012888564	ASMLH179.9TS OPENH	EUR	3,4700	3,9600	3,4700			3,9600					
Certificate	DE000VASRGV8	ASMLH180.3TS OPENV	EUR	2,8170	3,4330	2,8170			3,4330					
Certificate	DE000VASRGX4	ASMLH182.3TS OPENV	EUR	3,0270	3,6430	3,0270			3,6430					
Certificate	NL0012988497	ASMLH183.7BS OPENB	EUR	2,5700	2,9950	2,5700	2570,0000	1	2,9950	1000				
Certificate	DE000VASCW5	ASMLH184.1TS OPENV	EUR	2,2570	2,8730	2,2570			2,8730					
Certificate	DE000VASRB61	ASMLH184.3TS OPENV	EUR	3,2310	3,8470	3,2310			3,8470					
Certificate	NL0012936827	ASMLH184.8TS OPENH	EUR	3,9900	4,4900	3,9900			4,4900					
Certificate	DE000VASRB53	ASMLH186.1TS OPENV	EUR	2,4550	3,0710	2,4550			3,0710					
Certificate	DE000VASENU4	ASMLH186.3TS OPENV	EUR	3,4370	4,0530	3,4370			4,0530					
Certificate	DE000VASENR0	ASMLH188.1TS OPENV	EUR	2,6500	3,2660	2,6500			3,2660					
Certificate	DE000VA4YS49	ASMLH188.3TS OPENV	EUR											
Certificate	DE000VA4YS64	ASMLH188.4TS OPENV	EUR	3,6360	4,2520	3,6360			4,2520					
Certificate	NL0012792998	ASMLH190.2BIOC1218B	EUR	158,8000	158,8000	154,7000			154,7000					
Certificate	DE000VA3ECT4	ASMLH190.6TS OPENV	EUR	3,8140	4,4300	3,8140			4,4300					
Certificate	LU1757083248	ASMLH191.5TPIOPENS	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	NL0012368047	ASMLH192.3TS OPENH	EUR	4,8000	5,3000	4,8000			5,3000					
Certificate	DE000VL8XHL6	ASMLH193.3TS OPENV	EUR	2,8480	3,4640	2,8480			3,4640					
Certificate	LU1784829803	ASMLH193.6TS OPENS	EUR											
Certificate	DE000CV4ZMF3	ASMLH194.8TS OPENZ	EUR	3,7200	4,0350	3,7200	745,0000	2	4,0350	200				
Certificate	DE000VL8XHN2	ASMLH194.9TS OPENV	EUR	4,0000	4,6160	4,0000			4,6160					
Certificate	LU1790503400	ASMLH195.1TPIOPENS	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	DE000VL8XHM4	ASMLH195.3TS OPENV	EUR	3,0450	3,6610	3,0450			3,6610					
Certificate	DE000VL8XHP7	ASMLH196.9TS OPENV	EUR	4,2070	4,8230	4,2070			4,8230					
Certificate	NL0012851463	ASMLH197.9TS OPENH	EUR	5,4100	5,9000	5,4100			5,9000					
Certificate	DE000VL8XG21	ASMLH198.3TS OPENV	EUR	3,3410	3,9570	3,3410			3,9570					
Certificate	NL0012970008	ASMLH198.5BS OPENB	EUR	4,0550	4,4750	4,0550			4,4750					
Certificate	NL0012971923	ASMLH198.9TS OPENB	EUR	5,5350	5,9550	5,5350			5,9550					
Certificate	DE000VA2T562	ASMLH198.9TS OPENV	EUR	3,6440	4,2600	3,6440			4,2600					
Certificate	DE000VL8XKP1	ASMLH199.9TS OPENV	EUR	4,5280	5,1450	4,5280			5,1450					
Certificate	DE000VA2T6D8	ASMLH200.5TS OPENV	EUR	4,8290	5,4450	4,8290			5,4450					
Certificate	NL0012593867	ASMLH200.8TS OPENH	EUR	5,7200	6,2100	5,7200			6,2100					
Certificate	DE000VA2T570	ASMLH200.9TS OPENV	EUR	3,8420	4,4580	3,8420			4,4580					
Certificate	DE000VA2T6E6	ASMLH202.5TS OPENV	EUR	5,0350	5,6550	5,0350			5,6550					
Certificate	DE000VA2T588	ASMLH202.9TS OPENV	EUR	4,0400	4,6560	4,0400			4,6560					
Certificate	DE000VA2T6U2	ASMLH204.7TS OPENV	EUR	5,2750	5,8850	5,2750			5,8850					
Certificate	DE000VA2T6N7	ASMLH204.9TS OPENV	EUR	4,2400	4,8560	4,2400			4,8560					
Certificate	DE000VA2T6V0	ASMLH206.7TS OPENV	EUR	5,4850	6,0950	5,4850			6,0950					
Certificate	DE000VA2T6P2	ASMLH206.9TS OPENV	EUR	4,4380	5,0550	4,4380			5,0550					
Certificate	NL0012987242	ASMLH207.5BIOC619B	EUR	156,4000	156,4000	152,4000			152,4000					
Certificate	DE000VA2T7V8	ASMLH208.7TS OPENV	EUR	5,6950	6,3050	5,6950			6,3050					
Certificate	DE000VA3D9U3	ASMLH208.8TS OPENV	EUR	4,6370	5,2550	4,6370			5,2550					
Certificate	NL0012935597	ASMLH209.6TS OPENH	EUR	6,6800	7,1700	6,6800			7,1700					
Certificate	LU1784829712	ASMLH211.2TS OPENS	EUR											
Certificate	DE000VA3EAB6	ASMLH212.6TS OPENV	EUR	6,1150	6,7250	6,1150			6,7250					



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	DE000VA3D929	ASMLH212.8TS OPENV	EUR	5,0340	5,6550	5,0340			5,6550					
Certificate	DE000VA3EAC4	ASMLH214.6TS OPENV	EUR	6,3150	6,9350	6,3150			6,9350					
Certificate	DE000CV87Y25	ASMLH214.7TS OPENZ	EUR	6,0200	6,0200	6,0200			6,0200					
Certificate	DE000VA3D937	ASMLH214.8TS OPENV	EUR	5,2350	5,8450	5,2350			5,8450					
Certificate	DE000VA3EAD2	ASMLH216.6TS OPENV	EUR	6,5250	7,1450	6,5250			7,1450					
Certificate	DE000VA3D945	ASMLH216.8TS OPENV	EUR	5,4350	6,0450	5,4350			6,0450					
Certificate	NL0012521967	ASMLH217.9TS OPENH	EUR	7,5700	8,0600	7,5700			8,0600					
Certificate	DE000VA4YN24	ASMLH218.3TS OPENV	EUR	5,6350	6,2550	5,6350			6,2550					
Certificate	DE000VA4YPC8	ASMLH218.4TS OPENV	EUR	6,7650	7,3850	6,7650			7,3850					
Certificate	DE000VA4YN02	ASMLH220.3TS OPENV	EUR	5,8350	6,4450	5,8350			6,4450					
Certificate	DE000VA4YRQ4	ASMLH220.4TS OPENV	EUR	6,9850	7,5950	6,9850			7,5950					
Certificate	DE000VA4YN10	ASMLH222.3TS OPENV	EUR	6,0350	6,6450	6,0350			6,6450					
Certificate	NL0012529135	ASMLH233.1TS OPENH	EUR	9,2000	9,7000	9,2000			9,7000					
Certificate	NL0012583447	ASMLH249.7TS OPENH	EUR	11,0100	11,5000	11,0100			11,5000					
Certificate	NL0012555486	ASMLH249.7TS OPENH	EUR	11,0000	11,4900	11,0000			11,4900					
Certificate	NL0012593859	ASMLH264.9TS OPENH	EUR	12,6400	13,1300	12,6400			13,1300					
Certificate	NL0012919997	ASMLH283.1TS OPENH	EUR	14,6100	15,1000	14,6100			15,1000					
Certificate	NL0011539242	ASMLH62.92BL OPENB	EUR	98,0500	98,0500	93,7700			93,7700					
Certificate	DE000CC16584	ASMLH68.31TL OPENC	EUR	87,8600	87,8600	87,8600			87,8600					
Certificate	NL0011433305	ASMLH69.42BL OPENB	EUR	91,5500	91,5500	87,2700			87,2700					
Certificate	NL0011650767	ASMLH75.87BL OPENB	EUR	85,0900	85,0900	80,8100			80,8100					
Certificate	DE000CN6K9Q2	ASMLH82.86TL OPENZ	EUR											
Certificate	NL0011907357	ASMLH88.61BL OPENB	EUR	72,3800	72,3800	68,1000			68,1000					
Certificate	DE000CD62721	ASMLH95.07TL OPENZ	EUR	60,1750	60,1750	60,1750			60,1750					
Certificate	NL0012100028	ASMLH99.09BL OPENB	EUR	61,9100	61,9100	57,6300			57,6300					
Certificate	DE000CQ5AUM9	ASRNL 30TL OPENC	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000CQ5ASJ9	ASRNL 32TL OPENC	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000CQ5AUN7	ASRNL 32TL OPENC	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	DE000CQ5ASK7	ASRNL 34TL OPENC	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	DE000CQ5AUP2	ASRNL 34TL OPENC	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000CQ5AUQ0	ASRNL 35TL OPENC	EUR											
Certificate	DE000CQ5ASL5	ASRNL 35TL OPENC	EUR											
Certificate	DE000CQ5BKM8	ASRNL 35TS OPENC	EUR											
Certificate	NL0012993497	ASRNL 43TS OPENB	EUR	6,4650	6,4650	5,8050			5,8050					
Certificate	DE000CQ5AWM5	ASRNL 46TS OPENC	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	NL0012104954	ASRNL 18.9TL OPENB	EUR	22,4950	23,1350	22,4950	2290,0000	1	23,1350	100				
Certificate	NL0011900410	ASRNL 9.66TL OPENB	EUR	31,0950	31,7350	31,0950			31,7350					
Certificate	NL0011910211	ASRNL13.81TL OPENB	EUR	27,2450	27,8850	27,2450			27,8850					
Certificate	DE000CD649D2	ASRNL18.96TL OPENZ	EUR	4,5050	4,5050	4,5050			4,5050					
Certificate	NL0012105332	ASRNL19.95TL OPENB	EUR	21,5350	22,1750	21,5350			22,1750					
Certificate	NL0012115935	ASRNL21.98TL OPENB	EUR	19,6450	20,2850	19,6450			20,2850					
Certificate	DE000CF6BDK9	ASRNL22.06TL OPENZ	EUR	3,9050	3,9050	3,9050			3,9050					
Certificate	NL0012261762	ASRNL22.99TL OPENB	EUR	18,7050	19,3450	18,7050			19,3450					
Certificate	DE000CF6DJ78	ASRNL25.68TL OPENZ	EUR	3,2150	3,2150	3,2150			3,2150					
Certificate	NL0012271084	ASRNL26.03TL OPENB	EUR	15,8650	16,5050	15,8650			16,5050					
Certificate	NL0012275945	ASRNL27.03TL OPENB	EUR	14,9450	15,5850	14,9450			15,5850					
Certificate	NL0012275952	ASRNL28.04TL OPENB	EUR	13,9950	14,6350	13,9950			14,6350					
Certificate	DE000CF6DV23	ASRNL28.27TL OPENZ	EUR	2,7150	2,7150	2,7150			2,7150					
Certificate	NL0012279988	ASRNL29.05TL OPENB	EUR	13,0650	13,7050	13,0650			13,7050					
Certificate	NL0012492235	ASRNL30.04TL OPENB	EUR	12,1450	12,7850	12,1450			12,7850					
Certificate	DE000CF6EMU3	ASRNL30.85TL OPENZ	EUR	2,2150	2,2150	2,2150			2,2150					
Certificate	NL0012779771	ASRNL32.04TL OPENB	EUR	10,2850	10,9250	10,2850			10,9250					
Certificate	DE000CV89MC1	ASRNL32.92TL OPENZ	EUR	1,8150	1,8150	1,8150			1,8150					
Certificate	DE000CV886A4	ASRNL37.07TL OPENZ	EUR	1,1100	1,1100	1,0250	166,5000	1	1,0250	150				
Certificate	NL0012993422	ASRNL37.08TL OPENB	EUR	5,5850	6,2250	5,5850	5990,0000	2	6,2250	1000				
Certificate	NL0013009657	ASRNL38.05TL OPENB	EUR	4,6950	5,5600	4,6950	5445,0000	2	5,3350	1000				
Certificate	NL0013012727	ASRNL39.05TL OPENB	EUR	3,7650	4,4050	3,7650			4,4050					
Certificate	NL0013009996	ASRNL41.06TS OPENB	EUR	4,3650	4,3650	4,3650			4,3650					
Certificate	DE000CV8AS80	ASRNL43.47TS OPENZ	EUR	0,9550	0,9550	0,9550			0,9550					
Certificate	NL0012994289	ASRNL44.99TS OPENB	EUR	8,6150	8,6150	7,9550			7,9550					
Certificate	DE000CJ3NVF8	ASRNL49.43TS OPENZ	EUR	2,1950	2,1950	2,1950			2,1950					
Certificate	DE000CV4YXW8	ASTRA37.39TL OPENZ	EUR	2,4550	2,4550	2,4550			2,4550					
Certificate	DE000CV4YZ87	ASTRA42.43TL OPENZ	EUR	1,8750	1,8750	1,8750			1,8750					
Certificate	DE000CV88B88	ASTRA47.43TL OPENZ	EUR	1,3150	1,3150	1,3150			1,3150					
Certificate	DE000CV8A3L9	ASTRA52.42TL OPENZ	EUR	0,7450	0,7450	0,7450			0,7450					
Certificate	NL0006518383	ASX 1860TL OPENB	EUR	25,5000	25,5000	25,5000			25,5000					
Certificate	NL0009173632	ASX 3230TL OPENB	EUR	17,4600	17,4600	17,4600			17,4600					
Certificate	DE000CV501K8	ATCO 164.2TL OPENZ	EUR											
Certificate	DE000CF6FKH1	ATCO 194.3TL OPENZ	EUR											
Certificate	DE000CJ3PAV8	ATCO 214.2TL OPENZ	EUR											
Certificate	DE000CF6FNJ1	ATCO 226.1TL OPENZ	EUR											
Certificate	DE000CJ3NVG6	ATLM12.76TL OPENZ	EUR	1,1100	1,1100	1,1100			1,1100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV8AZE2	ATLM14.75TL OPENZ	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	DE000CV8AY74	ATLM16.87TL OPENZ	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	DE000CN6KKM0	ATOS 70.42TL OPENZ	EUR	2,7300	2,7300	2,7300			2,7300					
Certificate	DE000CD62AA5	ATOS 77.61TL OPENZ	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000CD62D47	ATOS 85.57TL OPENZ	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	DE000CD648S2	ATOS 96.43TL OPENZ	EUR											
Certificate	DE000CV8ARH2	AUROR 4.45TL OPENZ	EUR	6,5900	6,6000	6,5900	6,5900	1	6,6000	1				
Certificate	DE000CV8AXX7	AUROR 4.99TL OPENZ	EUR	6,2700	6,2700	6,2700			6,2700					
Certificate	DE000CV8A856	AUROR 5.43TL OPENZ	EUR											
Certificate	DE000CV8AZ24	AUROR 6.09TL OPENZ	EUR	5,6000	5,6000	5,6000			5,6000					
Certificate	DE000CV8A3E4	AUROR 6.52TL OPENZ	EUR											
Certificate	DE000CV8B122	AUROR 7.18TL OPENZ	EUR	4,9350	4,9350	4,9350			4,9350					
Certificate	DE000CJ3JND8	AUROR 8.26TL OPENZ	EUR	4,2750	4,2750	4,2750			4,2750					
Certificate	DE000CJ3JUE6	AUROR 9.36TL OPENZ	EUR	3,6050	3,6050	3,6050			3,6050					
Certificate	DE000CJ3NQJ0	AUROR10.99TL OPENZ	EUR	2,2300	2,8200	2,2300	114980,7800	17	2,6050	43635				
Certificate	DE000CJ3PAB6	AUROR12.49TL OPENZ	EUR											
Certificate	DE000CJ3PBR0	AUROR14.49TL OPENZ	EUR											
Certificate	DE000CX002G3	AXA 16TL OPENC	EUR	8,8500	8,8500	8,8500			8,8500					
Certificate	DE000CX598Q9	AXA 18TL OPENC	EUR	5,3600	5,3600	5,3600			5,3600					
Certificate	DE000CY500C4	AXA 20TL OPENC	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	DE000CY0AU96	AXA 20TL OPENC	EUR	4,4100	4,4100	4,4100			4,4100					
Certificate	DE000CY52QK7	AXA 28TS OPENC	EUR	3,6300	3,6300	3,6300			3,6300					
Certificate	DE000CY502H9	AXA 30TS OPENC	EUR	6,0600	6,0600	6,0600			6,0600					
Certificate	DE000CY500D2	AXA 30TS OPENC	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	NL0010899431	AXA 12.4TL OPENB	EUR	11,2700	11,2700	11,2700			11,2700					
Certificate	DE000CF80MW1	AXA 16.3TL OPENC	EUR	7,7500	7,7500	7,7500			7,7500					
Certificate	NL0012902142	AXA 21.9TL OPENH	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	NL0012615512	AXA 26.8TS OPENH	EUR	0,7200	0,7300	0,7200			0,7300					
Certificate	NL0012555536	AXA 32.4TS OPENH	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	NL0010382347	AXA 8.63TL OPENB	EUR	14,6200	14,6200	14,6200			14,6200					
Certificate	NL0011226287	AXA 10.37TL OPENH	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000CD61PT5	AXA 13.12TL OPENZ	EUR	1,8850	1,8850	1,8850			1,8850					
Certificate	NL0012056261	AXA 14.07TL OPENH	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	DE000CR1K682	AXA 14.67TL OPENZ	EUR	1,5750	1,5750	1,5750			1,5750					
Certificate	NL0011916010	AXA 15.49TL OPENB	EUR	8,4500	8,4500	8,4500			8,4500					
Certificate	DE000CR4H047	AXA 15.67TL OPENZ	EUR	1,3750	1,3750	1,3750			1,3750					
Certificate	NL0011978853	AXA 16.63TL OPENH	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000CD62TK4	AXA 17.15TL OPENZ	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	NL0012030365	AXA 17.53TL OPENB	EUR	6,6100	6,6100	6,6100			6,6100					
Certificate	NL0012030373	AXA 18.55TL OPENB	EUR	5,6800	5,6800	5,6800			5,6800					
Certificate	NL0011993597	AXA 18.82TL OPENH	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	NL0012031249	AXA 19.58TL OPENB	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	DE000CD63PL8	AXA 19.64TL OPENZ	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	NL0011998000	AXA 19.83TL OPENH	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	NL0012603617	AXA 20.33TL OPENH	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	NL0012986301	AXA 20.59TL OPENB	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	NL0012933774	AXA 21.05TL OPENH	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	NL0012891675	AXA 21.32TL OPENH	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	NL0013000631	AXA 21.59TL OPENB	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	NL0012902829	AXA 22.39TL OPENH	EUR											
Certificate	NL0013079262	AXA 22.82TL OPENH	EUR											
Certificate	NL0013083041	AXA 23.33TS OPENH	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	NL0012772156	AXA 24.17TS OPENB	EUR	4,3400	4,3400	4,3300			4,3300					
Certificate	NL0012580633	AXA 24.83TS OPENH	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	NL0012564942	AXA 25.57TS OPENH	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	NL0012584429	AXA 26.82TS OPENH	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	NL0012431001	AXA 27.08TS OPENH	EUR	0,7500	0,7600	0,7500			0,7600					
Certificate	NL0012366801	AXA 27.14TS OPENH	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	NL0012244917	AXA 27.95TS OPENH	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	NL0012311716	AXA 28.04TS OPENH	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	NL0012054423	AXA 28.44TS OPENH	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	NL0012679997	AXA 30.03TS OPENB	EUR	10,8500	10,8500	10,8400			10,8400					
Certificate	NL0012586374	AXA 30.31TS OPENH	EUR	1,1100	1,1200	1,1100			1,1200					
Certificate	DE000CV8AWB5	AXELS40.43TL OPENZ	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	DE000CV8A4L7	AXELS50.48TL OPENZ	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000UBS1MP2	B005U STN1022U	EUR											
Certificate	XS1815281685	BA99B STN0623B	EUR	89,0500	89,0500	88,4000			88,4000					
Certificate	DE000CW3AHA8	BABAK 50TL OPENC	EUR	7,3700	7,3700	7,3700			7,3700					
Certificate	DE000CW42AZ4	BABAK 55TL OPENC	EUR	6,8800	6,8800	6,8800			6,8800					
Certificate	DE000CX01P43	BABAK 70TL OPENC	EUR											
Certificate	NL0011795463	BABAK 78TL OPENB	EUR	62,7800	62,7800	62,7800			62,7800					
Certificate	DE000CX59LN9	BABAK 80TL OPENC	EUR	4,7300	4,7300	4,7300			4,7300					



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	NL0012118905	BABAK 107TL OPENB	EUR	39,7200	39,7200	39,7200			39,7200					
Certificate	DE000CY50RU8	BABAK 120TL OPENC	EUR	1,4000	1,4500	1,2300	4250,0000	2	1,2300	3000				
Certificate	DE000CP06V24	BABAK 120TL OPENC	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000CY50ZP1	BABAK 130TL OPENC	EUR											
Certificate	DE000CY50RV6	BABAK 130TL OPENC	EUR											
Certificate	DE000CP069R9	BABAK 130TL OPENC	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	DE000CP06V32	BABAK 132TL OPENC	EUR	1,1900	1,1900	0,9900	2380,0000	1	0,9900	2000				
Certificate	NL0012271795	BABAK 133TL OPENB	EUR	21,1500	21,1500	19,1800	1057,5000	1	19,1800	50				
Certificate	DE000CP06YA6	BABAK 135TL OPENC	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000CP07BH7	BABAK 135TL OPENC	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	NL0013011679	BABAK 138TL OPENB	EUR	19,1800	19,1800	15,1900	959,0000	1	15,1900	50				
Certificate	DE000CP06YB4	BABAK 140TL OPENC	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	DE000CP07BJ3	BABAK 140TL OPENC	EUR	0,8700	0,8700	0,8700			0,8700					
Certificate	NL0013084130	BABAK 140TL OPENH	EUR	0,1200	0,1200	0,0900	220,0000	1	0,0900	2000				
Certificate	NL0013080013	BABAK 140TL OPENH	EUR											
Certificate	NL0013012636	BABAK 143TL OPENB	EUR											
Certificate	NL0013085004	BABAK 145TL OPENH	EUR	0,0800	0,0800	0,0800			0,0800					
Certificate	NL0013082555	BABAK 145TS OPENH	EUR											
Certificate	DE000CP06V40	BABAK 150TS OPENC	EUR											
Certificate	DE000CP07BK1	BABAK 155TS OPENC	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	DE000CP06YC2	BABAK 155TS OPENC	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000CP07BL9	BABAK 160TS OPENC	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	DE000CP06V57	BABAK 160TS OPENC	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	NL0012907836	BABAK 160TS OPENH	EUR	0,1900	0,2200	0,1900	400,0000	1	0,2200	2000				
Certificate	DE000CP07BM7	BABAK 165TS OPENC	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	DE000CP06YD0	BABAK 165TS OPENC	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	DE000CP069S7	BABAK 170TS OPENC	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	DE000CP069B3	BABAK 170TS OPENC	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	NL0012907455	BABAK 170TS OPENH	EUR	0,2800	0,3100	0,2800			0,3100					
Certificate	DE000CP06842	BABAK 180TS OPENC	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	DE000CP067J0	BABAK 180TS OPENC	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	DE000CP06L00	BABAK 190TS OPENC	EUR	4,1300	4,1300	4,1300			4,1300					
Certificate	DE000CP06LG0	BABAK 190TS OPENC	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	DE000CQ58LU9	BABAK 200TS OPENC	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	DE000CQ58W78	BABAK 200TS OPENC	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	DE000CQ58QA0	BABAK 210TS OPENC	EUR	5,8100	5,8100	5,8100			5,8100					
Certificate	DE000CY52012	BABAK 220TS OPENC	EUR	7,1700	7,1700	7,1700			7,1700					
Certificate	DE000CY51W00	BABAK 220TS OPENC	EUR	6,3600	6,3600	6,3600			6,3600					
Certificate	DE000CQ58JL2	BABAK 240TS OPENC	EUR	9,3800	9,3800	9,3800			9,3800					
Certificate	DE000CN6K3P7	BABAK 76.TL OPENZ	EUR	5,8450	5,8450	5,8450			5,8450					
Certificate	DE000CE6DLY9	BABAK 121.TL OPENZ	EUR	2,1000	2,1000	1,9000	1118,0000	6	1,9350	560				
Certificate	DE000VA71WZ3	BABAK 148.TS OPENV	EUR											
Certificate	DE000VA77EL6	BABAK 153.TS OPENV	EUR	0,6780	0,9775	0,6780	823,0000	2	0,9775	1000				
Certificate	DE000VA77C33	BABAK 158.TS OPENV	EUR	1,4135	1,4135	1,4135			1,4135					
Certificate	DE000VA77V18	BABAK 163.TS OPENV	EUR	1,8495	1,8495	1,8495			1,8495					
Certificate	DE000VA67191	BABAK 168.TS OPENV	EUR	2,2855	2,2855	2,2855			2,2855					
Certificate	NL0011428529	BABAK 39.7TL OPENB	EUR	93,0600	93,0600	93,0600			93,0600					
Certificate	NL0011426457	BABAK 50.7TL OPENB	EUR	84,3500	84,3500	84,3500			84,3500					
Certificate	NL0010872875	BABAK 61.5TL OPENB	EUR	75,8000	75,8000	75,8000			75,8000					
Certificate	NL0011656715	BABAK 72.5TL OPENB	EUR	67,0900	67,0900	67,0900			67,0900					
Certificate	NL0012104244	BABAK 93.8TL OPENB	EUR	51,9800	51,9800	50,2200	4990,0800	1	50,2200	96				
Certificate	NL0012106504	BABAK 99.1TL OPENB	EUR	46,0100	46,0100	46,0100			46,0100					
Certificate	NL0012106660	BABAK102.18L OPENB	EUR	38,0000	38,0000	36,8900	950,0000	1	36,8900	25				
Certificate	DE000CD64F76	BABAK104.9TL OPENZ	EUR	3,4900	3,4900	3,2900	398,3500	2	3,3250	115				
Certificate	NL0012107643	BABAK107.48L OPENB	EUR	32,2100	32,2100	32,2100			32,2100					
Certificate	NL0012120521	BABAK109.6TL OPENB	EUR	37,7000	37,7000	37,7000			37,7000					
Certificate	NL0012257778	BABAK112.2TL OPENB	EUR	35,6200	35,6200	35,6200			35,6200					
Certificate	NL0012121032	BABAK112.88L OPENB	EUR	27,5600	27,5600	27,5600			27,5600					
Certificate	NL0012260533	BABAK118.18L OPENB	EUR	22,9000	22,9000	22,9000			22,9000					
Certificate	DE000VA77FN9	BABAK118.7TL OPENV	EUR	2,1945	2,1945	2,1945			2,1945					
Certificate	NL0012268205	BABAK120.1TL OPENB	EUR	29,4000	29,4000	29,4000			29,4000					
Certificate	NL0012261879	BABAK120.88L OPENB	EUR	20,5800	20,5800	20,5800			20,5800					
Certificate	DE000VA77EX1	BABAK120.9TL OPENV	EUR	2,4855	2,4855	2,4855			2,4855					
Certificate	DE000VA77FQ2	BABAK121.2TL OPENV	EUR	1,9765	1,9765	1,9765			1,9765					
Certificate	NL0012267306	BABAK123.58L OPENB	EUR	18,2600	18,2600	18,2600			18,2600					
Certificate	NL0012270466	BABAK125.2TL OPENB	EUR	25,3700	25,3700	25,3700			25,3700					
Certificate	DE000VA77C58	BABAK126.2TL OPENV	EUR	1,8800	1,8880	1,5405	5774,0000	4	1,5405	3300				
Certificate	NL0012268817	BABAK128.88L OPENB	EUR	16,3400	17,2800	13,6200	2228,3000	2	13,6200	135				
Certificate	DE000VAGEBY9	BABAK130.5TL OPENV	EUR	1,6565	1,6565	1,6565			1,6565					
Certificate	DE000VAGECC3	BABAK130.8TL OPENV	EUR	1,1095	1,1095	1,1095			1,1095					
Certificate	DE000VA71RY6	BABAK133.7TL OPENV	EUR	0,8955	0,8955	0,8955			0,8955					
Certificate	NL0012271639	BABAK134.18L OPENB	EUR	10,8300	10,8300	8,9600	1220,9000	2	9,0000	130				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA6D6X0	BABAK135.5TL OPENV	EUR	1,2315	1,2315	1,2315			1,2315					
Certificate	DE000VA6D6V8	BABAK135.7TL OPENV	EUR											
Certificate	DE000CJ3N773	BABAK135.9TL OPENZ	EUR	0,4800	0,4800	0,3450	96,0000	1	0,3450	200				
Certificate	DE000VA71R16	BABAK136.2TL OPENV	EUR	0,6905	0,6905	0,6905			0,6905					
Certificate	DE000CE6DLZ6	BABAK136.6TL OPENZ	EUR											
Certificate	DE000VA71R40	BABAK138.7TL OPENV	EUR	0,5205	0,5205	0,5205			0,5205					
Certificate	NL0013011315	BABAK139.18L OPENB	EUR	5,0900	5,0900	5,0900			5,0900					
Certificate	DE000VA7THN5	BABAK140.9TL OPENV	EUR	0,8905	0,8905	0,8905			0,8905					
Certificate	DE000VA71R73	BABAK141.2TL OPENV	EUR	0,3085	0,3085	0,3085			0,3085					
Certificate	NL0013013196	BABAK144.18L OPENB	EUR											
Certificate	NL0013008857	BABAK144.48S OPENB	EUR											
Certificate	DE000VA71XU2	BABAK145.9TL OPENV	EUR											
Certificate	DE000VA71Z24	BABAK146.2TL OPENV	EUR											
Certificate	NL0013008865	BABAK149.48S OPENB	EUR											
Certificate	NL0013009889	BABAK149.5TS OPENB	EUR											
Certificate	DE000VA7TEW3	BABAK150.5TS OPENV	EUR	1,4305	1,4305	1,4305			1,4305					
Certificate	DE000VA7TFL3	BABAK150.5TS OPENV	EUR	0,5000	0,7595	0,5000	875,0000	2	0,7595	1400				
Certificate	NL0013007685	BABAK154.48S OPENB	EUR	8,8800	11,7600	8,5800	444,0000	1	11,7600	50				
Certificate	DE000VA7TC17	BABAK155.5TS OPENV	EUR	1,1955	1,1955	1,1955			1,1955					
Certificate	DE000VA7TA01	BABAK155.5TS OPENV	EUR	1,8895	1,8895	1,8895			1,8895					
Certificate	NL0013006190	BABAK159.48S OPENB	EUR	16,1200	16,1200	16,1200			16,1200					
Certificate	NL0013007305	BABAK159.5TS OPENB	EUR	29,8900	29,8900	29,8900			29,8900					
Certificate	DE000VA7PXP5	BABAK160.5TS OPENV	EUR	1,6315	1,6315	1,6315			1,6315					
Certificate	DE000VA7PWC5	BABAK160.5TS OPENV	EUR	2,3485	2,3485	2,3485			2,3485					
Certificate	NL0012990048	BABAK162.8TL OPENB	EUR											
Certificate	NL0013005135	BABAK164.48S OPENB	EUR	20,4700	20,4700	20,4700			20,4700					
Certificate	DE000VA64059	BABAK165.5TS OPENV	EUR	2,8065	2,8065	2,8065			2,8065					
Certificate	DE000VA7PR63	BABAK165.5TS OPENV	EUR	2,0665	2,0665	2,0665			2,0665					
Certificate	NL0012995500	BABAK169.48S OPENB	EUR	24,8200	24,8200	24,8200			24,8200					
Certificate	NL0013004203	BABAK169.5TS OPENB	EUR	39,5700	39,5700	39,5700			39,5700					
Certificate	DE000VA6D6W2	BABAK170.5TS OPENV	EUR	3,2665	3,2665	3,2665			3,2665					
Certificate	DE000VA6D6V4	BABAK170.5TS OPENV	EUR	2,5035	2,5035	2,5035			2,5035					
Certificate	NL0012995518	BABAK174.48S OPENB	EUR	29,1700	29,1700	29,1700			29,1700					
Certificate	NL0012992259	BABAK174.68L OPENB	EUR											
Certificate	DE000VA6D542	BABAK175.5TS OPENV	EUR	3,7245	3,7245	3,7245			3,7245					
Certificate	DE000VA6D526	BABAK175.5TS OPENV	EUR	2,9740	2,9795	2,9385	148,7000	1	2,9385	50				
Certificate	NL0012995096	BABAK179.5TS OPENB	EUR	49,2800	49,2800	49,2800			49,2800					
Certificate	DE000VA6D3G2	BABAK180.5TS OPENV	EUR	4,1825	4,1825	4,1825			4,1825					
Certificate	DE000VA6D3F4	BABAK180.5TS OPENV	EUR	3,3745	3,3745	3,3745			3,3745					
Certificate	DE000VA3PWX0	BABAK184.3TL OPENV	EUR											
Certificate	DE000VA3PWR2	BABAK184.3TL OPENV	EUR											
Certificate	DE000VASRMV6	BABAK185.5TS OPENV	EUR	3,8095	3,8095	3,8095			3,8095					
Certificate	DE000VASRMX2	BABAK185.5TS OPENV	EUR	4,6405	4,6405	4,6405			4,6405					
Certificate	NL0012934947	BABAK186.7TS OPENH	EUR	0,4500	0,4800	0,4500			0,4800					
Certificate	NL0012934939	BABAK187.7TS OPENH	EUR	0,4600	0,4900	0,4600			0,4900					
Certificate	NL0012933998	BABAK188.7TS OPENH	EUR	0,4700	0,5000	0,4700			0,5000					
Certificate	NL0012987374	BABAK189.5TS OPENB	EUR	58,9600	58,9600	58,9600			58,9600					
Certificate	NL0012937320	BABAK189.7TS OPENH	EUR	0,4800	0,5100	0,4800			0,5100					
Certificate	DE000VA4YXY6	BABAK190.5TS OPENV	EUR	5,0950	5,0950	5,0950			5,0950					
Certificate	DE000VA4YXX8	BABAK190.5TS OPENV	EUR	4,2445	4,2445	4,2445			4,2445					
Certificate	DE000VA4YXK5	BABAK195.5TS OPENV	EUR	4,6805	4,6805	4,6805			4,6805					
Certificate	DE000VA4YXL3	BABAK195.5TS OPENV	EUR	5,5550	5,5550	5,5550			5,5550					
Certificate	DE000VA3TJW1	BABAK200.5TS OPENV	EUR	5,1150	5,1150	5,1150			5,1150					
Certificate	DE000VA3TJ06	BABAK200.5TS OPENV	EUR	6,0150	6,0150	6,0150			6,0150					
Certificate	DE000VA3TJ14	BABAK205.5TS OPENV	EUR	6,4750	6,4750	6,4750			6,4750					
Certificate	DE000VA3TJX9	BABAK205.5TS OPENV	EUR	5,5550	5,5550	5,5550			5,5550					
Certificate	DE000VA3PWH3	BABAK210.5TS OPENV	EUR	6,9350	6,9350	6,9350			6,9350					
Certificate	DE000VA3PWJ9	BABAK215.5TS OPENV	EUR	7,3850	7,3850	7,3850			7,3850					
Certificate	DE000CR9RM19	BABAK65.52TL OPENZ	EUR	6,7550	6,7550	6,7550			6,7550					
Certificate	NL0011650213	BABAK69.138L OPENB	EUR	65,5700	65,5700	65,5700			65,5700					
Certificate	NL0011910880	BABAK88.518L OPENB	EUR	48,6900	48,6900	48,6900			48,6900					
Certificate	NL0011916812	BABAK91.258L OPENB	EUR	46,3100	46,3100	46,3100			46,3100					
Certificate	DE000CD62MG7	BABAK92.76TL OPENZ	EUR	4,3850	4,3850	4,3850			4,3850					
Certificate	XS1354969286	BABFK STN0424K	EUR											
Certificate	DE000CV502M2	BABI 4.423TL OPENZ	EUR	2,0950	2,0950	2,0950			2,0950					
Certificate	DE000CV4ZRM8	BABI 5.332TL OPENZ	EUR	1,0650	1,0650	1,0650			1,0650					
Certificate	DE000CV88B96	BABI 6.329TL OPENZ	EUR											
Certificate	DE000CD61WQ7	BAES 4.88TL OPENZ	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CR9QHP6	BAES 3.823TL OPENZ	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	DE000CN6J3J7	BAES 4.276TL OPENZ	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CV87F10	BAES 5.379TL OPENZ	EUR											
Certificate	DE000CX00Q50	BAIDU 140TL OPENC	EUR	2,9000	2,9000	2,9000			2,9000					



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	DE000CX01N29	BAIDU 150TL OPENC	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	DE000CX01LM3	BAIDU 150TL OPENC	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000CP06503	BAIDU 180TL OPENC	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	DE000CY50VH7	BAIDU 180TL OPENC	EUR											
Certificate	DE000CY50Y90	BAIDU 180TL OPENC	EUR											
Certificate	DE000CQ58TL1	BAIDU 180TL OPENC	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	DE000CP06XS0	BAIDU 195TL OPENC	EUR											
Certificate	DE000CP07AV0	BAIDU 200TL OPENC	EUR											
Certificate	DE000CP06UD8	BAIDU 200TS OPENC	EUR											
Certificate	DE000CP06UE6	BAIDU 220TS OPENC	EUR	1,9500	2,5400	1,9500	2080,0000	2	2,5400	1000				
Certificate	DE000CP07AW8	BAIDU 220TS OPENC	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	DE000CQ58HU7	BAIDU 240TL OPENC	EUR											
Certificate	DE000CQ58TN7	BAIDU 240TS OPENC	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	DE000CQ58VH5	BAIDU 240TS OPENC	EUR	5,8600	5,8600	5,8600			5,8600					
Certificate	DE000CQ58VJ1	BAIDU 250TS OPENC	EUR	6,7900	6,7900	6,7900			6,7900					
Certificate	DE000CP062W4	BAIDU 260TS OPENC	EUR	7,7500	7,7500	7,7500			7,7500					
Certificate	DE000CP06123	BAIDU 260TS OPENC	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	DE000CQ580Y0	BAIDU 270TS OPENC	EUR											
Certificate	DE000CQ580Z7	BAIDU 280TS OPENC	EUR	7,5900	7,5900	7,5900			7,5900					
Certificate	DE000CQ5A8M9	BAIDU 290TS OPENC	EUR	10,2900	10,2900	10,2900			10,2900					
Certificate	DE000CQ5A5V6	BAIDU 290TS OPENC	EUR	8,3300	8,3300	8,3300			8,3300					
Certificate	DE000CQ58HV5	BAIDU 300TS OPENC	EUR	11,4000	11,4000	11,4000			11,4000					
Certificate	DE000CQ58HW3	BAIDU 310TS OPENC	EUR	12,3300	12,3300	12,3300			12,3300					
Certificate	NL0011900717	BAIDU136.8TL OPENB	EUR	5,9050	5,9050	5,9050			5,9050					
Certificate	NL0011539853	BAIDU147.7TL OPENB	EUR	5,0450	5,0450	5,0450			5,0450					
Certificate	NL0012032155	BAIDU150.18L OPENB	EUR	3,8250	3,8250	3,8250			3,8250					
Certificate	NL0011909585	BAIDU165.58L OPENB	EUR	2,3600	2,4850	2,3450	47,2000	1	2,4850	20				
Certificate	NL0011915111	BAIDU169.1TL OPENB	EUR	3,3450	3,3450	3,3450			3,3450					
Certificate	NL0012033617	BAIDU173.78L OPENB	EUR	2,3800	2,5100	1,6600	1784,5000	4	1,7650	850				
Certificate	NL0013007156	BAIDU178.8TL OPENB	EUR	2,5850	2,5850	2,5850			2,5850					
Certificate	NL0012258354	BAIDU182.48L OPENB	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	NL0013007164	BAIDU188.8TL OPENB	EUR	1,7950	1,7950	1,7950			1,7950					
Certificate	NL0013010549	BAIDU191.48L OPENB	EUR											
Certificate	NL0013008956	BAIDU202.38S OPENB	EUR											
Certificate	NL0013006240	BAIDU212.48S OPENB	EUR	1,9550	1,9550	1,9550			1,9550					
Certificate	NL0013005531	BAIDU221.8TS OPENB	EUR	4,7250	4,7250	4,7250			4,7250					
Certificate	NL0013004740	BAIDU223.18S OPENB	EUR	2,8850	2,8850	2,8850			2,8850					
Certificate	NL0013002173	BAIDU234.28S OPENB	EUR	3,8550	3,8550	3,8550			3,8550					
Certificate	NL0012986707	BAIDU241.8TS OPENB	EUR	6,6650	6,6650	6,6650			6,6650					
Certificate	NL0012986913	BAIDU245.98S OPENB	EUR	4,8750	4,8750	4,8750			4,8750					
Certificate	NL0013001720	BAIDU258.28S OPENB	EUR	5,9450	5,9450	5,9450			5,9450					
Certificate	NL0012986384	BAIDU261.8TS OPENB	EUR	8,6050	8,6050	8,6050			8,6050					
Certificate	NL0012795884	BAM LEVOPENZ	EUR	36,4500	36,4500	36,4500			36,4500					
Certificate	NL0012795926	BAM SHROPEZ	EUR	65,4200	65,4200	65,4200			65,4200					
Certificate	NL0010009213	BAM 1TL OPENB	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	LU1840980913	BAM 3TCIOPENS	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	NL0010009205	BAM 1.5TL OPENB	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	NL0010923975	BAM 2.3TL OPENB	EUR	1,0700	1,0700	1,0600			1,0600					
Certificate	NL0012796171	BAM 3.68ON0619Z	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	NL0012796189	BAM 3.68ON0919Z	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	NL0012796460	BAM 3.98OC0919Z	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	NL0012796478	BAM 4.18OC1219Z	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	NL0012795272	BAM 4.48ON0319Z	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	NL0012546709	BAM 4.7TS OPENH	EUR	2,4400	2,4500	2,4400			2,4500					
Certificate	NL0012438204	BAM 4.9TS OPENH	EUR	2,6700	2,6700	2,6700			2,6700					
Certificate	DE000CR1HSL8	BAM 1.86TL OPENZ	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	NL0010899019	BAM 2.02TL OPENB	EUR	1,3200	1,3200	1,3100			1,3100					
Certificate	DE000CJ3PAF7	BAM 2.09TL OPENZ	EUR	1,0250	1,0250	1,0250			1,0250					
Certificate	DE000CV4YY88	BAM 2.18TL OPENZ	EUR	1,0550	1,0550	1,0550			1,0550					
Certificate	NL0011041744	BAM 2.19TL OPENH	EUR	1,2000	1,2000	1,1900			1,1900					
Certificate	DE000CV4YY96	BAM 2.43TL OPENZ	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	LU1840980830	BAM 2.47TCIOPENS	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	NL0010931093	BAM 2.56TL OPENB	EUR	0,8400	0,8400	0,8300			0,8300					
Certificate	NL0011041736	BAM 2.62TL OPENH	EUR	0,8300	0,8300	0,8200			0,8200					
Certificate	DE000CV4YYA2	BAM 2.68TL OPENZ	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	LU1650919225	BAM 2.83TCIOPENS	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	NL0010932653	BAM 2.83TL OPENB	EUR	0,5900	0,5900	0,5800			0,5800					
Certificate	NL0011041728	BAM 2.83TL OPENH	EUR	0,6500	0,6500	0,6400			0,6400					
Certificate	NL0012572598	BAM 2.94TL OPENH	EUR	0,5500	0,5500	0,5400			0,5400					
Certificate	DE000CD617Y5	BAM 2.94TL OPENZ	EUR	0,3250	0,3250	0,3250			0,3250					
Certificate	NL0012572580	BAM 3.04TL OPENH	EUR											
Certificate	NL0013010580	BAM 3.07BL 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	NL0012572572	BAM 3.14TL OPENH	EUR											
Certificate	NL0013010176	BAM 3.28TS OPENB	EUR	0,6600	0,6600	0,6500			0,6500					
Certificate	NL0012900252	BAM 3.43TS OPENH	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	NL0012995229	BAM 3.53TS OPENB	EUR	0,9500	0,9500	0,9400			0,9400					
Certificate	NL0012900245	BAM 3.53TS OPENH	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	NL0012894604	BAM 3.62TS OPENH	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000CV8B3N4	BAM 3.71TL OPENZ	EUR											
Certificate	NL0012891683	BAM 3.72TS OPENH	EUR	1,2800	1,2900	1,2800			1,2900					
Certificate	NL0012796197	BAM 3.758ON1219Z	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	NL0012992648	BAM 3.78TS OPENB	EUR	1,2400	1,2400	1,2300			1,2300					
Certificate	NL0012914683	BAM 3.88TS OPENH	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	NL0012969760	BAM 4.04TS OPENB	EUR	1,5300	1,5300	1,5200			1,5200					
Certificate	NL0012915425	BAM 4.08TS OPENH	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	NL0012608509	BAM 4.24TS OPENH	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	NL0012546717	BAM 4.31TS OPENH	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	NL0012793004	BAM 4.498OC1218B	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	NL0012608491	BAM 4.53TS OPENH	EUR	2,2400	2,2500	2,2400			2,2500					
Certificate	NL0012438196	BAM 5.29TS OPENH	EUR	3,1300	3,1300	3,1300			3,1300					
Certificate	NL0012240501	BAM 5.57TS OPENH	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	NL0011900022	BAM 2.236BL OPENB	EUR	0,9800	1,0100	0,9700	2970,0000	3	0,9800	3000				
Certificate	DE000CR4HAJ4	BAM 2.337TL OPENZ	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	DE000CR4HAK2	BAM 2.455TL OPENZ	EUR	0,6550	0,6550	0,6550			0,6550					
Certificate	NL0011816095	BAM 2.501BL OPENB	EUR	0,7100	0,7500	0,7100	450,0000	1	0,7100	600				
Certificate	DE000CR6X1L6	BAM 2.564TL OPENZ	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	DE000CR6X5M5	BAM 2.676TL OPENZ	EUR	0,4450	0,4450	0,4450			0,4450					
Certificate	NL0011653092	BAM 2.767BL OPENB	EUR	0,4500	0,4900	0,4500	289,1000	1	0,4500	590				
Certificate	DE000CR6X7G3	BAM 2.787TL OPENZ	EUR	0,3500	0,3500	0,3250	525,0000	1	0,3250	1500				
Certificate	NL0012995401	BAM 2.967BL OPENB	EUR	0,2500	0,2500	0,2500			0,2500					
Certificate	DE000CR6XJQ2	BAM 3.001TL OPENZ	EUR	0,1100	0,1700	0,1100	3908,0000	10	0,1150	28200				
Certificate	DE000CR6XL72	BAM 3.104TL OPENZ	EUR											
Certificate	NL0013009012	BAM 3.2448S OPENB	EUR	0,2700	0,2700	0,2500			0,2500					
Certificate	DE000CJ3PAG5	BAM 3.309TS OPENZ	EUR	0,2450	0,2450	0,2450			0,2450					
Certificate	NL0012994909	BAM 3.4938S OPENB	EUR	0,5200	0,5200	0,5000			0,5000					
Certificate	DE000CV8B9X0	BAM 3.561TS OPENZ	EUR	0,4950	0,4950	0,4950			0,4950					
Certificate	NL0012992325	BAM 3.7438S OPENB	EUR	0,7700	0,7700	0,7500			0,7500					
Certificate	NL0012975270	BAM 3.9938S OPENB	EUR	1,0200	1,0200	1,0000			1,0000					
Certificate	DE000CV89DU2	BAM 4.053TS OPENZ	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	DE000CE6FK99	BAM 4.544TS OPENZ	EUR	1,4650	1,4650	1,4650			1,4650					
Certificate	DE000CE6EHT5	BAM 4.997TS OPENZ	EUR											
Certificate	DE000CV4Z4N8	BAR 86.6TL OPENZ	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	DE000CJ3PDE4	BAR 94.6TL OPENZ	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	NL0013006570	BAR 98.5BL OPENB	EUR											
Certificate	DE000CV8A989	BAR 104.9TL OPENZ	EUR											
Certificate	NL0013006737	BAR 115.1BS OPENB	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	NL0013006745	BAR 125.1BS OPENB	EUR	2,6550	2,6550	2,6550			2,6550					
Certificate	DE000CE6CQG7	BAR 64.94TL OPENZ	EUR	4,0600	4,0600	4,0600			4,0600					
Certificate	DE000CE6CQF9	BAR 72.62TL OPENZ	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	DE000CE6EMB3	BAR 79.07TL OPENZ	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	NL0013008642	BAR 88.49BL OPENB	EUR	1,4650	1,4650	1,4650			1,4650					
Certificate	NL0013006893	BAR 93.49BL OPENB	EUR											
Certificate	NL0013013279	BAR 93.49BL OPENB	EUR	0,9650	0,9650	0,9650			0,9650					
Certificate	DE000CV50806	BAR 94.16TL OPENZ	EUR											
Certificate	NL0013013287	BAR 98.49BL OPENB	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	DE000CQ5A198	BARIK 15TS OPENC	EUR	0,1300	0,1300	0,1300			0,1300					
Certificate	DE000CV51V68	BARIK 16TS OPENC	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	DE000CN6EWL0	BARIK 6.85TL OPENZ	EUR	5,8450	5,8450	5,8450			5,8450					
Certificate	DE000CN6GT09	BARIK 8.15TL OPENZ	EUR	4,3300	4,7750	4,3300	2838,2500	2	4,7750	625				
Certificate	DE000CV8BE77	BARIK 9.21TL OPENZ	EUR	3,8950	3,8950	3,8950			3,8950					
Certificate	DE000CJ3NTZ0	BARIK10.68TL OPENZ	EUR	2,6750	2,6750	2,6750			2,6750					
Certificate	DE000CR9SB37	BARN 1063TL OPENZ	EUR	7,7300	7,7300	7,7300			7,7300					
Certificate	DE000CD61WS2	BARN 1192TL OPENZ	EUR	6,6000	6,6000	6,6000			6,6000					
Certificate	DE000CE6F8D8	BARN 1420TL OPENZ	EUR	4,6050	4,6050	4,6050			4,6050					
Certificate	DE000CJ3PB84	BARN 1720TL OPENZ	EUR	1,9950	1,9950	1,9950			1,9950					
Certificate	DE000CR6YPL8	BARN 960.4TL OPENZ	EUR	8,6300	8,6300	8,6300			8,6300					
Certificate	NL0011927678	BASF 64TL OPENH	EUR	0,9100	0,9100	0,8400			0,8400					
Certificate	NL0013010002	BASF 74TS OPENB	EUR	1,1250	1,1850	1,1250			1,1850					
Certificate	NL0013005549	BASF 79TS OPENB	EUR	1,6650	1,7150	1,6650			1,7150					
Certificate	NL0009169655	BASF 8.6TL OPENB	EUR	6,0350	6,0350	6,0350			6,0350					
Certificate	NL0009179464	BASF 16.6TL OPENB	EUR	5,2950	5,2950	5,2950			5,2950					
Certificate	NL0009262054	BASF 21.3TL OPENB	EUR	4,8450	4,8450	4,8450			4,8450					
Certificate	NL0010130555	BASF 44.1TL OPENB	EUR	2,7250	2,7250	2,7250			2,7250					
Certificate	NL0011052535	BASF 47.3TL OPENH	EUR	2,4700	2,4700	2,3900			2,3900					



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	NL0010133468	BASF 47.8TL OPENB	EUR	2,3850	2,3850	2,3850			2,3850					
Certificate	NL0013011695	BASF 52.8TL OPENB	EUR	1,9750	1,9750	1,9150			1,9150					
Certificate	NL0011720685	BASF 54.5TL OPENH	EUR	1,8000	1,8000	1,7200			1,7200					
Certificate	NL0013011703	BASF 57.8TL OPENB	EUR	1,5050	1,5050	1,4450			1,4450					
Certificate	NL0011889605	BASF 60.4TL OPENH	EUR	1,2500	1,2500	1,1700	2440,0000	1	1,1700	2000				
Certificate	NL0011893516	BASF 62.4TL OPENH	EUR	1,0500	1,0500	0,9800	832,0000	1	0,9800	800				
Certificate	NL0013012164	BASF 62.8TL OPENB	EUR	1,0450	1,0450	0,9850			0,9850					
Certificate	NL0011974878	BASF 66.8TL OPENH	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	NL0012020291	BASF 68.5TL OPENB	EUR											
Certificate	NL0011978473	BASF 68.8TL OPENH	EUR											
Certificate	NL0011978861	BASF 70.8TL OPENH	EUR											
Certificate	NL0012906978	BASF 78.8TS OPENH	EUR	1,5800	1,6700	1,5800			1,6700					
Certificate	NL0012935621	BASF 81.7TS OPENH	EUR	1,9000	1,9900	1,9000			1,9900					
Certificate	NL0012988737	BASF 83.9TS OPENB	EUR	2,1850	2,2450	2,1850			2,2450					
Certificate	NL0012933196	BASF 83.9TS OPENH	EUR	2,1300	2,2200	2,1300			2,2200					
Certificate	NL0012919609	BASF 85.8TS OPENH	EUR	2,3300	2,4200	2,3300			2,4200					
Certificate	NL0012916969	BASF 87.7TS OPENH	EUR	2,5400	2,6400	2,5400			2,6400					
Certificate	NL0012794887	BASF 88.8TS OPENB	EUR	2,7150	2,7750	2,7150			2,7750					
Certificate	NL0012864532	BASF 89.7TS OPENH	EUR	2,7500	2,8500	2,7500	2810,0000	1	2,8500	1000				
Certificate	NL0012862312	BASF 91.6TS OPENH	EUR	2,9600	3,0500	2,9600			3,0500					
Certificate	NL0012846992	BASF 93.5TS OPENH	EUR	3,1700	3,2600	3,1700			3,2600					
Certificate	NL0012558225	BASF 94.2TS OPENH	EUR	3,2400	3,3300	3,2400			3,3300					
Certificate	NL0012846984	BASF 99.4TS OPENH	EUR	3,8000	3,9000	3,8000			3,9000					
Certificate	NL0011052469	BASF 100.8TS OPENH	EUR	3,9500	4,0400	3,9500			4,0400					
Certificate	NL0012208326	BASF 110.5TS OPENH	EUR	4,9900	5,0800	4,9900			5,0800					
Certificate	DE000CN6H848	BASF 48.42TL OPENZ	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	DE000CR1K455	BASF 53.87TL OPENZ	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	NL0013011323	BASF 57.13BL OPENB	EUR	1,2450	1,2450	1,1850			1,1850					
Certificate	DE000CN6KKN8	BASF 59.78TL OPENZ	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	NL0013007594	BASF 61.14BL OPENB	EUR	0,8450	0,8450	0,7850			0,7850					
Certificate	NL0013003601	BASF 65.14BL OPENB	EUR	0,4450	0,4450	0,3850			0,3850					
Certificate	DE000CD62428	BASF 65.73TL OPENZ	EUR	0,2500	0,2500	0,2500			0,2500					
Certificate	NL0012998488	BASF 69.13BL OPENB	EUR											
Certificate	NL0013006976	BASF 75.78BS OPENB	EUR	0,7650	0,8250	0,7650			0,8250					
Certificate	NL0012998504	BASF 83.76BS OPENB	EUR	1,5650	1,6150	1,5650			1,6150					
Certificate	NL0012998512	BASF 91.74BS OPENB	EUR	2,3550	2,4150	2,3550			2,4150					
Certificate	NL0009706761	BASKE2 632STN0524V	EUR	106,9000	106,9000	106,9000			106,9000					
Certificate	NL0000290328	BASKT PI OPENN	EUR	14,2100	14,4900	14,2100			14,4900					
Certificate	XS1193698435	BASKT STN0825K	EUR											
Certificate	XS1396707280	BASKT STN0923K	SEK											
Certificate	XS1396707447	BASKT STN0925K	SEK											
Certificate	XS0868034884	BASKT STN1232R	EUR											
Certificate	DE000CJ3NNE8	BATS 23.41TL OPENZ	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	DE000CV881F4	BATS 27.43TL OPENZ	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	DE000CB92B57	BATS 31.97TL OPENZ	EUR											
Certificate	NL0011229943	BAYER 122TS OPENH	EUR	5,3800	5,3800	5,3800			5,3800					
Certificate	NL0012911804	BAYER 30.2TL OPENH	EUR	5,0000	5,0200	5,0000			5,0200					
Certificate	NL0012911796	BAYER 36.2TL OPENH	EUR	4,4400	4,4600	4,4400			4,4600					
Certificate	NL0012911788	BAYER 42.3TL OPENH	EUR	3,8700	3,8900	3,8700			3,8900					
Certificate	NL0011713052	BAYER 49.2TL OPENH	EUR	3,2800	3,3000	3,2800			3,3000					
Certificate	NL0011413497	BAYER 55.5TL OPENH	EUR	2,6700	2,7300	2,6700	2457,0000	1	2,6900	900				
Certificate	NL0012996334	BAYER 62.6TL OPENB	EUR	2,0050	2,0350	2,0050			2,0350					
Certificate	NL0011733381	BAYER 62.6TL OPENH	EUR	2,0000	2,0200	2,0000			2,0200					
Certificate	NL0012990071	BAYER 65.7TL OPENB	EUR	1,7150	1,7350	1,7150			1,7350					
Certificate	NL0011736178	BAYER 66.6TL OPENH	EUR	1,6200	1,6400	1,6200			1,6400					
Certificate	NL0012899389	BAYER 68.3TL OPENH	EUR	1,4400	1,4600	1,4400			1,4600					
Certificate	NL0010374526	BAYER 68.9TL OPENB	EUR	1,4650	1,4650	1,4650			1,4650					
Certificate	NL0012898365	BAYER 69.3TL OPENH	EUR	1,3400	1,4000	1,3400	1120,0000	1	1,3600	800				
Certificate	NL0012901425	BAYER 71.3TL OPENH	EUR	1,1600	1,1800	1,1600			1,1800					
Certificate	NL0013001308	BAYER 72.4TL OPENB	EUR	1,0850	1,1150	1,0850			1,1150					
Certificate	NL0012902159	BAYER 73.3TL OPENH	EUR	0,9700	0,9900	0,9700			0,9900					
Certificate	NL0013085012	BAYER 76.2TL OPENH	EUR	0,7000	0,7200	0,7000			0,7200					
Certificate	NL0013081573	BAYER 76.2TL OPENH	EUR											
Certificate	NL0012906986	BAYER 78.3TS OPENH	EUR											
Certificate	NL0012901417	BAYER 80.1TS OPENH	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	NL0012995146	BAYER 82.2TS OPENB	EUR	1,0750	1,0750	1,0550			1,0550					
Certificate	NL0013002959	BAYER 86.4TS OPENB	EUR	1,5250	1,5250	1,4950			1,4950					
Certificate	NL0012923601	BAYER 97.3TS OPENH	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	NL0012916977	BAYER 99.2TS OPENH	EUR	2,8500	2,8500	2,8500			2,8500					
Certificate	NL0012911697	BAYER101.2TS OPENH	EUR	3,0600	3,0600	3,0500			3,0500					
Certificate	DE000CV50186	BAYER102.6TS OPENZ	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	NL0012911689	BAYER103.2TS OPENH	EUR	3,2700	3,2700	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	NL0012911671	BAYER105.1TS OPENH	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	NL0012911663	BAYER107.1TS OPENH	EUR	3,7000	3,7000	3,6900			3,6900					
Certificate	DE000CE6D776	BAYER115.6TS OPENZ	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	NL0012522361	BAYER117.3TS OPENH	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	DE000CE6D400	BAYER129.5TS OPENZ	EUR											
Certificate	NL0012911655	BAYER130.9TS OPENH	EUR	6,2500	6,2500	6,2500			6,2500					
Certificate	NL0012911648	BAYER136.9TS OPENH	EUR	6,8900	6,8900	6,8900			6,8900					
Certificate	NL0012911630	BAYER142.8TS OPENH	EUR	7,5300	7,5300	7,5300			7,5300					
Certificate	NL0012911622	BAYER148.8TS OPENH	EUR	8,1700	8,1700	8,1700			8,1700					
Certificate	NL0012911614	BAYER154.8TS OPENH	EUR	8,8100	8,8100	8,8100			8,8100					
Certificate	DE000CNGLK43	BAYER65.55TL OPENZ	EUR	1,3500	1,3500	1,2700	4701,0000	3	1,2800	3500				
Certificate	NL0011406871	BBVA. 8TS OPENH	EUR	3,7600	3,7600	3,7600			3,7600					
Certificate	DE000CV89BS0	BBVA. 4.02TL OPENZ	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	NL0011406905	BBVA. 7.45TS OPENH	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	NL0011406897	BBVA. 7.63TS OPENH	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	NL0011406889	BBVA. 7.82TS OPENH	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	DE000CV8AWD1	BBVA.3.513TL OPENZ	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	DE000CD61TB5	BBVA.4.523TL OPENZ	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	DE000CJ3NJN7	BBVA.5.018TL OPENZ	EUR	0,1600	0,1600	0,1600			0,1600					
Certificate	DE000CJ3N1J2	BCART 6.06TL OPENZ	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	DE000CJ3NVH4	BCART 6.96TL OPENZ	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000CV4ZMD8	BCART 7.86TL OPENZ	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	DE000CV4ZMC0	BCART 8.97TL OPENZ	EUR	0,7200	0,7300	0,7200	1008,0000	2	0,7300	1400				
Certificate	DE000CV4ZMB2	BCART10.07TL OPENZ	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	DE000CJ3N8X8	BCART10.97TL OPENZ	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000CE6CSR7	BEFB 35.3TL OPENZ	EUR	1,5450	1,5450	1,5450			1,5450					
Certificate	DE000CV89FN2	BEFB 31.04TL OPENZ	EUR	1,9550	1,9550	1,9550			1,9550					
Certificate	DE000CE6CSQ9	BEFB 40.53TL OPENZ	EUR	1,0450	1,0450	1,0450			1,0450					
Certificate	DE000CE6C4B4	BEFB 45.74TL OPENZ	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	NL0013082563	BEIER 92TS OPENH	EUR											
Certificate	NL0013079148	BEIER 96TS OPENH	EUR	1,1500	1,1500	1,1100			1,1100					
Certificate	NL0013079270	BEIER 98TS OPENH	EUR	1,3700	1,3700	1,3200			1,3200					
Certificate	NL0012936140	BEIER 102TS OPENH	EUR	1,7900	1,7900	1,7500			1,7500					
Certificate	NL0012847974	BEIER 105TS OPENH	EUR	2,1100	2,1100	2,0700			2,0700					
Certificate	NL0011417191	BEIER 118.7TS OPENH	EUR	3,5100	3,5100	3,4600			3,4600					
Certificate	NL0012864540	BEIER 127.7TS OPENH	EUR	4,4700	4,4700	4,4300			4,4300					
Certificate	NL0012897805	BEIER100.3TS OPENH	EUR	1,6100	1,6100	1,5700			1,5700					
Certificate	NL0012580674	BEIER105.1TS OPENH	EUR	2,1200	2,1200	2,0800			2,0800					
Certificate	NL0012555593	BEIER105.7TS OPENH	EUR	2,1900	2,1900	2,1500			2,1500					
Certificate	NL0011417209	BEIER110.5TS OPENH	EUR	2,7100	2,7100	2,6600			2,6600					
Certificate	NL0012847966	BEIER114.9TS OPENH	EUR	3,1800	3,1800	3,1300			3,1300					
Certificate	NL0011054937	BEIER62.03TL OPENH	EUR	3,3700	3,4300	3,3700			3,4300					
Certificate	DE000CR90039	BEIER65.67TL OPENZ	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	NL0011713102	BEIER68.12TL OPENH	EUR	2,8000	2,8600	2,8000			2,8600					
Certificate	NL0011417282	BEIER70.26TL OPENH	EUR	2,6000	2,6600	2,6000			2,6600					
Certificate	DE000CR6XYD9	BEIER73.68TL OPENZ	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	NL0011417274	BEIER74.45TL OPENH	EUR	2,2100	2,2700	2,2100			2,2700					
Certificate	NL0012052120	BEIER78.32TL OPENH	EUR	1,8500	1,9100	1,8500			1,9100					
Certificate	NL0012057921	BEIER80.57TL OPENH	EUR	1,6400	1,7000	1,6400			1,7000					
Certificate	NL0012095475	BEIER82.61TL OPENH	EUR	1,4500	1,5100	1,4500			1,5100					
Certificate	DE000CE6BPF3	BEIER82.61TL OPENZ	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	NL0012178842	BEIER84.61TL OPENH	EUR	1,2600	1,3200	1,2600			1,3200					
Certificate	NL0012600910	BEIER87.31TL OPENH	EUR	1,0100	1,0700	1,0100			1,0700					
Certificate	NL0012602668	BEIER90.65TL OPENH	EUR											
Certificate	NL0011049853	BEKB 17.4TL OPENH	EUR	0,4500	0,4500	0,4100			0,4100					
Certificate	NL0012931109	BEKB 18.6TL OPENH	EUR	0,3400	0,3400	0,3100			0,3100					
Certificate	NL0013081581	BEKB 20.3TL OPENH	EUR											
Certificate	NL0012899926	BEKB 20.5TL OPENH	EUR											
Certificate	NL0011049838	BEKB 20.6TL OPENH	EUR											
Certificate	NL0013085020	BEKB 20.8TS OPENH	EUR	0,4900	0,5400	0,4900			0,5400					
Certificate	NL0012905012	BEKB 22.8TS OPENH	EUR	0,7400	0,7900	0,7400			0,7900					
Certificate	NL0012936603	BEKB 23.3TS OPENH	EUR	0,7900	0,8300	0,7900			0,8300					
Certificate	NL0012936157	BEKB 23.8TS OPENH	EUR	0,8500	0,8900	0,8500			0,8900					
Certificate	NL0012931059	BEKB 24.3TS OPENH	EUR	0,9100	0,9600	0,9100			0,9600					
Certificate	NL0012933782	BEKB 24.8TS OPENH	EUR	0,9700	1,0200	0,9700			1,0200					
Certificate	NL0012931042	BEKB 25.3TS OPENH	EUR	1,0300	1,0800	1,0300			1,0800					
Certificate	NL0012928345	BEKB 27.8TS OPENH	EUR	1,3200	1,3700	1,3200			1,3700					
Certificate	NL0012925754	BEKB 28.3TS OPENH	EUR	1,3800	1,4200	1,3800			1,4200					
Certificate	NL0012923007	BEKB 28.9TS OPENH	EUR	1,4400	1,4900	1,4400			1,4900					
Certificate	NL0012919625	BEKB 29.3TS OPENH	EUR	1,5000	1,5500	1,5000			1,5500					
Certificate	NL0012914758	BEKB 29.8TS OPENH	EUR	1,5600	1,6100	1,5600			1,6100					
Certificate	NL0012914741	BEKB 30.3TS OPENH	EUR	1,6200	1,6600	1,6200			1,6600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012915433	BEKB 30.8TS OPENH	EUR	1,6800	1,7200	1,6800			1,7200					
Certificate	NL0012911812	BEKB 32.3TS OPENH	EUR	1,8500	1,9000	1,8500			1,9000					
Certificate	NL0012909360	BEKB 34.4TS OPENH	EUR	2,0900	2,1400	2,0900			2,1400					
Certificate	NL0012599989	BEKB 35.4TS OPENH	EUR	2,2100	2,2600	2,2100			2,2600					
Certificate	NL0012590954	BEKB 36.3TS OPENH	EUR	2,3200	2,3600	2,3200			2,3600					
Certificate	NL0012592406	BEKB 37.3TS OPENH	EUR	2,4300	2,4800	2,4300			2,4800					
Certificate	NL0012586424	BEKB 38.3TS OPENH	EUR	2,5500	2,6000	2,5500			2,6000					
Certificate	NL0012374763	BEKB 40.1TS OPENH	EUR	2,7700	2,8100	2,7700			2,8100					
Certificate	NL0012584452	BEKB 41.1TS OPENH	EUR	2,8800	2,9300	2,8800			2,9300					
Certificate	NL0012372296	BEKB 42.1TS OPENH	EUR	3,0100	3,0500	3,0100			3,0500					
Certificate	NL0012372288	BEKB 44.1TS OPENH	EUR	3,2300	3,2800	3,2300			3,2800					
Certificate	NL0011740808	BEKB 47.1TS OPENH	EUR	3,5900	3,6400	3,5900			3,6400					
Certificate	NL0012199632	BEKB 50.2TS OPENH	EUR	3,9600	4,0000	3,9600			4,0000					
Certificate	NL0012197396	BEKB 52.1TS OPENH	EUR	4,1800	4,2300	4,1800			4,2300					
Certificate	NL0012313928	BEKB 57.5TS OPENH	EUR	4,8100	4,8600	4,8100			4,8600					
Certificate	NL0012368054	BEKB 57.6TS OPENH	EUR	4,8300	4,8700	4,8300			4,8700					
Certificate	NL0013011331	BEKB 13.07BL OPENB	EUR	1,3900	1,3900	1,3200			1,3200					
Certificate	DE000CJ3N8W0	BEKB 13.34TL OPENZ	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	NL0013006901	BEKB 15.06BL OPENB	EUR	0,9900	0,9900	0,9300			0,9300					
Certificate	DE000CV8AY82	BEKB 15.34TL OPENZ	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	NL0012992820	BEKB 17.07BL OPENB	EUR	0,5900	0,5900	0,5200			0,5200					
Certificate	DE000CV8A7V9	BEKB 17.54TL OPENZ	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	NL0013013295	BEKB 19.06BL OPENB	EUR	0,1900	0,1900	0,1300			0,1300					
Certificate	NL0012992838	BEKB 19.07BL OPENB	EUR											
Certificate	DE000CV89RJ5	BEKB 19.32TL OPENZ	EUR											
Certificate	DE000CV8A7W7	BEKB 19.73TL OPENZ	EUR											
Certificate	NL0012993075	BEKB 23.39BS OPENB	EUR	0,8600	0,9300	0,8600			0,9300					
Certificate	NL0012993083	BEKB 27.37BS OPENB	EUR	1,6600	1,7200	1,6600			1,7200					
Certificate	NL0006468761	BEL 700TL OPENB	EUR	28,4700	28,4700	28,4700			28,4700					
Certificate	NL0006467441	BEL 790TL OPENB	EUR	27,5800	27,5800	27,5800			27,5800					
Certificate	NL0009998731	BEL 1370TL OPENB	EUR	21,9600	21,9600	21,9600			21,9600					
Certificate	NL0010898466	BEL 2480TL OPENB	EUR	11,2000	11,2000	11,2000			11,2000					
Certificate	NL0010898482	BEL 2700TL OPENB	EUR	9,0600	9,0600	9,0600			9,0600					
Certificate	NL0010912051	BEL 2800TL OPENB	EUR	8,0200	8,0200	8,0200			8,0200					
Certificate	NL0011648431	BEL 2920TL OPENB	EUR	6,9200	6,9200	6,9200			6,9200					
Certificate	NL0011901962	BEL 3030TL OPENB	EUR	5,8500	5,8500	5,8500			5,8500					
Certificate	NL0011909189	BEL 3140TL OPENB	EUR	4,7700	4,7700	4,7700			4,7700					
Certificate	NL0012030019	BEL 3240TL OPENB	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	NL0012100739	BEL 3340TL OPENB	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	NL0012116297	BEL 3450TL OPENB	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	NL0012499214	BEL 4090TS OPENB	EUR	6,9800	6,9800	6,9800			6,9800					
Certificate	NL0012499909	BEL 4190TS OPENB	EUR	8,0000	8,0000	8,0000			8,0000					
Certificate	NL0009064757	BEL20 170TL OPENB	EUR	33,6400	33,6400	33,6400			33,6400					
Certificate	NL0009070978	BEL20 1130TL OPENB	EUR	24,2800	24,2800	24,2800			24,2800					
Certificate	NL0009172469	BEL20 1250TL OPENB	EUR	23,0900	23,0900	23,0900			23,0900					
Certificate	NL0010047973	BEL20 1480TL OPENB	EUR	20,8700	20,8700	20,8700			20,8700					
Certificate	NL0010126512	BEL20 1590TL OPENB	EUR	19,7900	19,7900	19,7900			19,7900					
Certificate	NL0010254058	BEL20 1930TL OPENB	EUR	16,4900	16,4900	16,4900			16,4900					
Certificate	NL0010281499	BEL20 2030TL OPENB	EUR	15,5000	15,5000	15,5000			15,5000					
Certificate	NL0010514667	BEL20 2250TL OPENB	EUR	13,4000	13,4000	13,4000			13,4000					
Certificate	NL0010148698	BEL20 2320TL OPENA	EUR											
Certificate	NL0011036686	BEL20 2350TL OPENH	EUR	12,8800	12,8800	12,7100			12,7100					
Certificate	NL0011054713	BEL20 2470TL OPENH	EUR	11,7000	11,7000	11,5300			11,5300					
Certificate	NL0011231840	BEL20 2470TL OPENH	EUR	11,7300	11,7300	11,5600			11,5600					
Certificate	NL0010606828	BEL20 2480TL OPENB	EUR	11,1900	11,1900	11,1900			11,1900					
Certificate	DE000CV87T63	BEL20 2519TL OPENZ	EUR	2,0900	2,0900	2,0300			2,0300					
Certificate	NL0011036678	BEL20 2560TL OPENH	EUR	10,8100	10,8100	10,6400			10,6400					
Certificate	NL0011036660	BEL20 2780TL OPENH	EUR	8,7100	8,7100	8,5500			8,5500					
Certificate	NL0011036652	BEL20 2890TL OPENH	EUR	7,7000	7,7000	7,5200			7,5200					
Certificate	DE000CE6DJP1	BEL20 2924TL OPENZ	EUR	1,2800	1,2800	1,2200			1,2200					
Certificate	DE000CE6EVU4	BEL20 3023TL OPENZ	EUR	1,0800	1,0800	1,0200			1,0200					
Certificate	DE000CE6DJK2	BEL20 3124TL OPENZ	EUR	0,8800	0,8800	0,8200			0,8200					
Certificate	DE000CE6EVT6	BEL20 3222TL OPENZ	EUR	0,6900	0,6900	0,6300			0,6300					
Certificate	DE000CE6DJL0	BEL20 3323TL OPENZ	EUR	0,4900	0,4900	0,4300			0,4300					
Certificate	DE000CE6EVS8	BEL20 3422TL OPENZ	EUR	0,2900	0,2900	0,2300			0,2300					
Certificate	DE000CE6DJM8	BEL20 3520TL OPENZ	EUR											
Certificate	NL0013009392	BEL20 3680TS OPENB	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	DE000CV8B9S0	BEL20 3777TS OPENZ	EUR	0,4500	0,5100	0,4200	696,0000	2	0,5100	1600				
Certificate	NL0012995039	BEL20 3790TS OPENB	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	NL0012684161	BEL20 3890TS OPENB	EUR	4,9600	4,9600	4,9600			4,9600					
Certificate	DE000CE6DJQ9	BEL20 3976TS OPENZ	EUR	0,8400	0,9100	0,8400			0,9100					
Certificate	NL0011591417	BEL20 4090TS OPENH	EUR	6,7900	6,9300	6,7900			6,9300					



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	DE000CE6VV2	BEL20 4095TS OPENZ	EUR	1,0800	1,1400	1,0800			1,1400					
Certificate	DE000CE6DJR7	BEL20 4264TS OPENZ	EUR	1,4200	1,4800	1,4200			1,4800					
Certificate	NL0012679740	BEL20 4380TS OPENB	EUR	9,9900	9,9900	9,9900			9,9900					
Certificate	DE000CE6VW0	BEL20 4383TS OPENZ	EUR	1,6600	1,7200	1,6600			1,7200					
Certificate	DE000CE6DJ55	BEL20 4552TS OPENZ	EUR	2,0000	2,0600	2,0000			2,0600					
Certificate	DE000CE6EQ1	BEL20 4749TS OPENZ	EUR	2,3900	2,4500	2,3900			2,4500					
Certificate	DE000CV4ZC00	BEL20 4867TS OPENZ	EUR	2,6300	2,6900	2,6300			2,6900					
Certificate	DE000CV8ACK8	BERKS 165TL 1218Z	EUR	1,9850	1,9850	1,9850			1,9850					
Certificate	DE000CV8ACL6	BERKS 175TL 1218Z	EUR	1,5550	1,5550	1,5550			1,5550					
Certificate	DE000CV8ACM4	BERKS 185TL 1218Z	EUR	1,1150	1,1150	1,1150			1,1150					
Certificate	DE000CV8ARP5	BERKS 195TL 1218Z	EUR	0,6850	0,6850	0,6850			0,6850					
Certificate	NL0011806781	BERKS 106.TL OPENB	EUR	9,6100	9,6100	9,6100			9,6100					
Certificate	NL0011658216	BERKS 146.TL OPENB	EUR	6,3600	6,3600	6,3600			6,3600					
Certificate	NL0009332956	BERKS#####TL OPENB	EUR	17,5300	17,5300	17,5300			17,5300					
Certificate	NL0010653267	BERKS#####TL OPENB	EUR	11,1400	11,1400	11,1400			11,1400					
Certificate	NL0009070663	BERKS#####TL OPENB	EUR	18,7100	18,7100	18,7100			18,7100					
Certificate	NL0009991884	BERKS#####TL OPENB	EUR	16,5800	16,5800	16,5800			16,5800					
Certificate	NL0010281622	BERKS#####TL OPENB	EUR	14,5100	14,5100	14,5100			14,5100					
Certificate	NL0010286423	BERKS#####TL OPENB	EUR	13,7500	13,7500	13,7500			13,7500					
Certificate	NL0010377180	BERKS#####TL OPENB	EUR	12,7100	12,7100	12,7100			12,7100					
Certificate	NL0010126488	BERKS#####TL OPENB	EUR	15,4900	15,4900	15,4900			15,4900					
Certificate	DE000CR1K5T0	BERKS#####TL OPENZ	EUR	9,8000	9,8000	9,8000			9,8000					
Certificate	DE000CV89WX6	BERKS#####TL OPENZ	EUR	10,9400	10,9400	10,9400			10,9400					
Certificate	DE000CV8A6E7	BERKS#####TL OPENZ	EUR	1,7950	1,7950	1,7950			1,7950					
Certificate	DE000CV89NR7	BERKS#####TL OPENZ	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000CV8BA71	BERKS#####TL OPENZ	EUR											
Certificate	DE000CR9Q0E9	BERKS#####TL OPENZ	EUR	10,5800	10,5800	10,5800			10,5800					
Certificate	DE000CV89NS5	BERKS#####TL OPENZ	EUR	4,4350	4,4350	4,4350			4,4350					
Certificate	DE000CV89WW8	BERKS#####TL OPENZ	EUR	8,3000	8,3000	8,3000			8,3000					
Certificate	DE000CV89YT0	BERKS#####TL OPENZ	EUR	3,1250	3,1250	3,1250			3,1250					
Certificate	DE000CR9QCH4	BERKS#####TL OPENZ	EUR	9,0600	9,0600	9,0600			9,0600					
Certificate	DE000CV89NQ9	BERKS#####TL OPENZ	EUR	7,0600	7,3000	7,0400	9537,3200	4	7,0400	1342				
Certificate	DE000CN6JUK5	BERKS#####TL OPENZ	EUR	8,3700	8,3700	8,3700			8,3700					
Certificate	DE000CV8BCE9	BERKS#####TS OPENZ	EUR	9,3200	9,3200	9,3200			9,3200					
Certificate	DE000CV89QQ2	BERKS#####TS OPENZ	EUR	4,0850	4,0850	4,0850			4,0850					
Certificate	DE000CV8A609	BERKS#####TS OPENZ	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	DE000CV89BF7	BERKS122.2TL OPENZ	EUR											
Certificate	NL0011652953	BERKS132.6TL OPENB	EUR	7,4500	7,4500	7,4500			7,4500					
Certificate	NL0012023634	BERKS134.6BL OPENB	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	NL0011652961	BERKS139.1TL OPENB	EUR	6,9200	6,9200	6,9200			6,9200					
Certificate	DE000CV899A7	BERKS239.3TS OPENZ	EUR	1,3450	1,3450	1,3450			1,3450					
Certificate	NL0006476996	BERKS68721TL OPENB	EUR	21,5600	21,5600	21,5600			21,5600					
Certificate	NL0000375046	BERKS85950TL OPENB	EUR	20,1300	20,1300	20,1300			20,1300					
Certificate	NL0011431184	BESI 1.64TL OPENB	EUR	33,5400	33,5400	33,5400			33,5400					
Certificate	NL0013004930	BESI 19.7TS OPENB	EUR	2,6500	3,0500	2,6500			3,0500					
Certificate	NL0011434253	BESI 2.29TL OPENB	EUR	33,1400	33,1400	32,3200			32,3200					
Certificate	DE000CR9SHV0	BESI 2.63TL OPENZ	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	NL0012796585	BESI 22.5BOC0919Z	EUR	18,1300	18,1300	18,1300			18,1300					
Certificate	DE000CV8ADU5	BESI 22.6TS OPENZ	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	NL0012796593	BESI 23.5BOC1219Z	EUR	18,3700	18,3700	18,3700			18,3700					
Certificate	DE000CV89Q23	BESI 24.6TS OPENZ	EUR	0,6550	0,6550	0,6550			0,6550					
Certificate	NL0011441613	BESI 3.87TL OPENB	EUR	30,2000	30,2000	29,3800			29,3800					
Certificate	NL0011909296	BESI 9.07TL OPENB	EUR	19,7200	19,7200	19,7200			19,7200					
Certificate	NL0011910245	BESI 9.58TL OPENB	EUR	18,7600	18,7600	18,7600			18,7600					
Certificate	NL0011915137	BESI 10.09TL OPENB	EUR	18,9300	18,9300	17,8200	5679,0000	1	17,8200	300				
Certificate	DE000CJ3NGY0	BESI 11.79TL OPENZ	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	NL0012034086	BESI 12.13TL OPENB	EUR	14,0200	14,0200	14,0200			14,0200					
Certificate	DE000CV8ADT7	BESI 12.24TL OPENZ	EUR	0,6050	0,6050	0,6050			0,6050					
Certificate	NL0012104541	BESI 13.14TL OPENB	EUR	12,1500	12,1500	12,1400	4240,3500	1	12,1400	349				
Certificate	DE000CV8AGK9	BESI 13.79TL OPENZ	EUR	0,5700	0,5700	0,5350	570,0000	1	0,5350	1000				
Certificate	DE000CV89P16	BESI 14.24TL OPENZ	EUR	0,4500	0,4500	0,4050	1350,0000	1	0,4050	3000				
Certificate	NL0012116040	BESI 14.67TL OPENB	EUR	10,1300	10,1300	9,3000	13202,3900	4	9,3000	1323				
Certificate	DE000CV8AYP1	BESI 15.23TL OPENZ	EUR	0,3400	0,3700	0,3050	413,5000	3	0,3050	1150				
Certificate	NL0012120539	BESI 15.68TL OPENB	EUR	8,2700	8,5100	7,4000	17735,0000	5	7,4000	2180				
Certificate	DE000CJ3N8V2	BESI 15.79TL OPENZ	EUR	0,3450	0,3450	0,3450			0,3450					
Certificate	DE000CV89S72	BESI 15.93TL OPENZ	EUR											
Certificate	DE000CJ3N8G3	BESI 16.22TL OPENZ	EUR	0,2300	0,2300	0,2150	85,1000	2	0,2150	370				
Certificate	DE000CV89MT5	BESI 16.23TL OPENZ	EUR											
Certificate	DE000CJ3PC08	BESI 17.22TL OPENZ	EUR	0,1150	0,1150	0,1150			0,1150					
Certificate	NL0013010028	BESI 17.22TS OPENB	EUR											
Certificate	DE000CJ3N2T9	BESI 18.61TS OPENZ	EUR											
Certificate	DE000CV8AHB6	BESI 20.61TS OPENZ	EUR	0,2550	0,2550	0,2550			0,2550					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012984629	BESI 22.19TS OPENB	EUR	5,3300	5,7300	5,3300			5,7300					
Certificate	DE000CV89MV1	BESI 26.59TS OPENZ	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	DE000CV89MW9	BESI 28.59TS OPENZ	EUR											
Certificate	DE000CR9RQ23	BESI 3.127TL OPENZ	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	DE000CV89MX7	BESI 30.59TS OPENZ	EUR											
Certificate	NL0012699045	BESI 44.37TS OPENB	EUR	59,4200	59,4200	59,4200			59,4200					
Certificate	DE000CN6KUL1	BESI 9.286TL OPENZ	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	DE000CE6E5U9	BFIT 16.2TL OPENZ	EUR	11,8750	11,8750	11,8750			11,8750					
Certificate	NL0012976963	BFIT 34.1TS OPENB	EUR	10,7300	10,9100	10,7300			10,9100					
Certificate	NL0013001910	BFIT 36.1TS OPENB	EUR	12,9600	13,1400	12,9600			13,1400					
Certificate	NL0011904636	BFIT 12.47TL OPENB	EUR	15,8200	15,8200	15,6500			15,6500					
Certificate	NL0011911359	BFIT 14.55TL OPENB	EUR	13,9300	13,9300	13,7600			13,7600					
Certificate	DE000CE6EXL9	BFIT 18.37TL OPENZ	EUR	9,8550	9,8550	9,8550			9,8550					
Certificate	NL0012500334	BFIT 18.57TL OPENB	EUR	10,2700	10,2700	10,1000			10,1000					
Certificate	NL0012511364	BFIT 19.58TL OPENB	EUR	9,3400	9,3400	9,1700			9,1700					
Certificate	NL0012684906	BFIT 20.59TL OPENB	EUR	8,4300	8,6800	8,2600	1736,0000	1	8,2600	200				
Certificate	DE000CV502Y7	BFIT 21.03TL OPENZ	EUR	7,3650	7,3650	7,3650			7,3650					
Certificate	NL0012774269	BFIT 21.58TL OPENB	EUR	7,5300	7,5300	7,3600			7,3600					
Certificate	DE000CV886X6	BFIT 23.15TL OPENZ	EUR	5,3850	5,3850	5,3850			5,3850					
Certificate	NL0012785737	BFIT 23.58TL OPENB	EUR	5,7100	5,7100	5,5400			5,5400					
Certificate	NL0012788707	BFIT 24.58TL OPENB	EUR	4,8000	4,8000	4,6300			4,6300					
Certificate	NL0012793350	BFIT 25.58TL OPENB	EUR	3,9000	3,9000	3,7300			3,7300					
Certificate	NL0013010010	BFIT 28.14TS OPENB	EUR											
Certificate	NL0013005556	BFIT 30.13TS OPENB	EUR	6,3200	6,5000	6,3200			6,5000					
Certificate	NL0013002942	BFIT 32.13TS OPENB	EUR	8,5400	8,7200	8,5400			8,7200					
Certificate	DE000CE6DTS4	BHPBP10.92TL OPENZ	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	DE000CE6DYY2	BHPBP11.93TL OPENZ	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CV87W92	BHPBP12.92TL OPENZ	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	DE000CJ3NND0	BHPBP14.42TL OPENZ	EUR	0,2500	0,2500	0,2500			0,2500					
Certificate	DE000CE6C808	BHPBP8.885TL OPENZ	EUR	0,7450	0,7450	0,7450			0,7450					
Certificate	DE000CE6C4N9	BHPBP9.919TL OPENZ	EUR	0,6350	0,6350	0,6350			0,6350					
Certificate	DE000CJ3N5F1	BIC 47.7TL OPENZ	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	DE000CV88152	BIC 55.73TL OPENZ	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	DE000CE6F629	BIC 65.74TL OPENZ	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	NL0013081615	BIDU 160TL OPENH	EUR	0,4200	0,4200	0,3500			0,3500					
Certificate	NL0012907547	BIDU 175TL OPENH	EUR	0,2900	0,2900	0,2200			0,2200					
Certificate	NL0013080021	BIDU 185TL OPENH	EUR	0,2100	0,2100	0,1400			0,1400					
Certificate	NL0012907851	BIDU 190TL OPENH	EUR											
Certificate	NL0013082571	BIDU 192TL OPENH	EUR	0,1500	0,1500	0,1500			0,1500					
Certificate	NL0013083058	BIDU 198TL OPENH	EUR	0,1000	0,1000	0,1000			0,1000					
Certificate	NL0013081607	BIDU 200TS OPENH	EUR											
Certificate	NL0013081599	BIDU 204TS OPENH	EUR											
Certificate	NL0013079163	BIDU 210TS OPENH	EUR	0,1800	0,2500	0,1800			0,2500					
Certificate	NL0013079155	BIDU 214TS OPENH	EUR	0,2200	0,2900	0,2200			0,2900					
Certificate	NL0012907844	BIDU 220TS OPENH	EUR	0,2700	0,3400	0,2700			0,3400					
Certificate	NL0012907489	BIDU 224TS OPENH	EUR	0,3100	0,3800	0,3100			0,3800					
Certificate	NL0012907471	BIDU 228TS OPENH	EUR	0,3500	0,4200	0,3500			0,4200					
Certificate	NL0012907463	BIDU 260TS OPENH	EUR	0,6400	0,7100	0,6400			0,7100					
Certificate	DE000CN6J8Y1	BIDU 139.TL OPENZ	EUR	4,6600	4,6600	4,6600			4,6600					
Certificate	DE000CE6CK76	BIDU 185.TL OPENZ	EUR	1,1800	1,1800	0,7400	141,6000	1	0,7400	120				
Certificate	DE000CN6JPH1	BIDU 126.7TL OPENZ	EUR	5,7200	5,7200	5,7200			5,7200					
Certificate	DE000CR9RZH3	BIDU 152.3TL OPENZ	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	DE000CN6JUI7	BIDU 164.5TL OPENZ	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	NL0012934962	BIDU 235.6TS OPENH	EUR	0,4400	0,5100	0,4400			0,5100					
Certificate	DE000CV8AG50	BIIBO268.9TL OPENZ	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	DE000CV8AG68	BIIBO322.2TL OPENZ	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	NL0010175568	BINCK 3.1TL OPENB	EUR	2,0150	2,0150	2,0150			2,0150					
Certificate	NL0012492250	BINCK 3.4TL OPENB	EUR	1,7650	1,7850	1,7650			1,7850					
Certificate	NL0011900436	BINCK 3.5TL OPENB	EUR	1,6650	1,6850	1,6650			1,6850					
Certificate	NL0012511885	BINCK 3.7TL OPENB	EUR	1,4150	1,4350	1,4150			1,4350					
Certificate	NL0012794762	BINCK 4.2TL OPENB	EUR	0,9450	0,9650	0,9450			0,9650					
Certificate	NL0013011711	BINCK 4.3TL OPENB	EUR	0,8350	0,8550	0,8350			0,8550					
Certificate	NL0013011729	BINCK 4.4TL OPENB	EUR	0,7350	0,7550	0,7350			0,7550					
Certificate	NL0013012743	BINCK 4.5TL OPENB	EUR	0,6550	0,6750	0,6550			0,6750					
Certificate	NL0012983019	BINCK 4.7TL OPENB	EUR											
Certificate	NL0013010994	BINCK 5.1TS OPENB	EUR	0,9450	0,9450	0,9150			0,9150					
Certificate	NL0013007321	BINCK 5.2TS OPENB	EUR	1,1650	1,1650	1,1350			1,1350					
Certificate	NL0012995807	BINCK 5.6TS OPENB	EUR	1,6050	1,6050	1,5750			1,5750					
Certificate	NL0012986715	BINCK 5.9TS OPENB	EUR	1,9150	1,9150	1,8850			1,8850					
Certificate	NL0012986723	BINCK 6.1TS OPENB	EUR	2,1350	2,1350	2,1050			2,1050					
Certificate	DE000CD61ZY4	BINCK 3.04TL OPENZ	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	DE000CD61EG6	BINCK 3.36TL OPENZ	EUR	1,5300	1,5300	1,5300			1,5300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CN6JQT4	BINCK 3.73TL OPENZ	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	NL0012512081	BINCK 3.868L OPENB	EUR	0,9950	1,0900	0,9950	27,2500	1	1,0150		25			
Certificate	DE000CN6JDD6	BINCK 5.85TS OPENZ	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000CR9QY99	BINCK 8.19TS OPENZ	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	NL0011900048	BINCK2.8068L OPENB	EUR	2,0450	2,0700	2,0450	331,2000	1	2,0650		160			
Certificate	NL0011804935	BINCK3.3378L OPENB	EUR	1,5150	1,5350	1,5150			1,5350					
Certificate	DE000CD61C07	BINCK3.513TL OPENZ	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	NL0011648282	BINCK3.6038L OPENB	EUR	1,2450	1,3200	1,2450	264,0000	1	1,2650		200			
Certificate	DE000CN6JR40	BINCK3.867TL OPENZ	EUR	0,8700	0,8700	0,8700			0,8700					
Certificate	NL0012688154	BINCK4.1148L OPENB	EUR	0,7350	0,7550	0,7350			0,7550					
Certificate	NL0012976070	BINCK4.6188L OPENB	EUR	0,2350	0,2700	0,2350	97,4700	1	0,2550		361			
Certificate	NL0013010630	BINCK4.8778S OPENB	EUR	0,2650	0,2650	0,2450			0,2450					
Certificate	NL0013004435	BINCK5.3768S OPENB	EUR	0,7650	0,7650	0,7450			0,7450					
Certificate	NL0012776991	BINCK5.8768S OPENB	EUR	1,2650	1,2650	1,2450			1,2450					
Certificate	NL0012983183	BINCK6.3718S OPENB	EUR	1,7650	1,7650	1,7350			1,7350					
Certificate	NL0012986574	BINCK6.8688S OPENB	EUR	2,2550	2,2550	2,2350			2,2350					
Certificate	DE000CD61YA7	BION 39.4TL OPENZ	EUR											
Certificate	DE000CN6KYB4	BION 34.84TL OPENZ	EUR											
Certificate	DE000CD63PM6	BION 44.99TL OPENZ	EUR											
Certificate	DE000CE6DP62	BION 51.06TL OPENZ	EUR											
Certificate	DE000CV8ANS8	BION 55.96TL OPENZ	EUR											
Certificate	NL0010254165	BKAMC 9.2TL OPENB	EUR	17,8000	17,8000	17,8000			17,8000					
Certificate	NL0009991660	BKAMC 8.83TL OPENB	EUR	21,8600	21,8600	21,8600			21,8600					
Certificate	NL0011992805	BKAMC16.59TL OPENH	EUR	11,8600	11,8600	11,6300			11,6300					
Certificate	NL0011995311	BKAMC20.85TS OPENH	EUR											
Certificate	NL0010047213	BKNG 595TL OPENB	EUR	110,3600	110,3600	110,3600			110,3600					
Certificate	NL0010250387	BKNG 654TL OPENB	EUR	105,5500	105,5500	105,5500			105,5500					
Certificate	DE000CJ3N5M7	BKNG 1075TL OPENZ	EUR	6,5200	6,5200	6,5200			6,5200					
Certificate	NL0011905328	BKNG 1344TL OPENB	EUR	49,7600	49,7600	49,7600			49,7600					
Certificate	DE000CV8AXW9	BKNG 1426TL OPENZ	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	DE000CV89U19	BKNG 1629TL OPENZ	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	DE000CV89NV9	BKSCT1.661TL OPENZ	EUR											
Certificate	DE000CV87UH7	BKSCT1.862TL OPENZ	EUR											
Certificate	DE000CV87R65	BKSCT2.064TL OPENZ	EUR											
Certificate	DE000CE6F1D3	BKSCT2.268TL OPENZ	EUR											
Certificate	DE000CJ3NL66	BLNDL 3.94TL OPENZ	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	DE000CV509F1	BLNDL4.946TL OPENZ	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	NL0009943612	BMW 32TL OPENB	EUR	45,4900	45,4900	45,4900			45,4900					
Certificate	DE000CX0KM80	BMW 60TL OPENC	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	DE000CX0K421	BMW 60TL OPENC	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	NL0011896493	BMW 62TL OPENH	EUR	1,7600	1,7600	1,7200			1,7200					
Certificate	DE000CX59186	BMW 70TL OPENC	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	DE000CX59CM0	BMW 70TL OPENC	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000CY51EH1	BMW 80TL OPENC	EUR											
Certificate	DE000CY51D78	BMW 80TL OPENC	EUR											
Certificate	NL0012909386	BMW 88TS OPENH	EUR	1,9200	1,9700	1,9200			1,9700					
Certificate	NL0012864557	BMW 90TS OPENH	EUR	2,1300	2,1800	2,1300			2,1800					
Certificate	DE000CQ5A2E9	BMW 100TS OPENC	EUR	1,8500	1,8500	1,8500			1,8500					
Certificate	DE000CY504F9	BMW 100TS OPENC	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	DE000CY52NJ6	BMW 110TS OPENC	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	NL00099490937	BMW 22.8TL OPENB	EUR	54,0500	54,0500	54,0500			54,0500					
Certificate	NL0011241054	BMW 34.8TL OPENH	EUR	4,2900	4,2900	4,2600			4,2600					
Certificate	NL0010044434	BMW 39.1TL OPENB	EUR	38,9400	38,9400	38,9400			38,9400					
Certificate	NL0011410238	BMW 43.2TL OPENH	EUR	3,5100	3,5100	3,4800			3,4800					
Certificate	NL0010224580	BMW 43.8TL OPENB	EUR	34,4900	34,4900	34,4900			34,4900					
Certificate	NL0010254694	BMW 49.2TL OPENB	EUR	29,5300	29,5300	29,5300			29,5300					
Certificate	NL0011241047	BMW 51.7TL OPENH	EUR	2,7200	2,7200	2,6900			2,6900					
Certificate	NL0011742606	BMW 56.5TL OPENH	EUR	2,2700	2,2700	2,2400			2,2400					
Certificate	NL0010444493	BMW 57.4TL OPENB	EUR	21,8300	21,8300	21,8300			21,8300					
Certificate	NL0011906367	BMW 60.7TL OPENB	EUR	19,0200	19,0200	18,8000			18,8000					
Certificate	NL0011927702	BMW 66.1TL OPENH	EUR	1,3700	1,3700	1,3400			1,3400					
Certificate	NL0012020747	BMW 67.7TL OPENB	EUR	12,5300	12,5300	12,3100			12,3100					
Certificate	NL0011993662	BMW 69.1TL OPENH	EUR	1,0900	1,0900	1,0500			1,0500					
Certificate	NL0011995345	BMW 71.2TL OPENH	EUR	0,9000	0,9000	0,8600			0,8600					
Certificate	NL0012031264	BMW 71.5TL OPENB	EUR	9,0000	9,0000	8,7800			8,7800					
Certificate	NL0011995709	BMW 73.2TL OPENH	EUR	0,7000	0,7000	0,6700			0,6700					
Certificate	NL0013083066	BMW 75.2TS OPENH	EUR											
Certificate	NL0013081623	BMW 75.2TS OPENH	EUR											
Certificate	NL0013005911	BMW 80.9TS OPENB	EUR	12,1000	12,3200	12,1000			12,3200					
Certificate	NL0012906234	BMW 83.5TS OPENH	EUR	1,4300	1,4800	1,4300			1,4800					
Certificate	NL0013002512	BMW 84.9TS OPENB	EUR	16,4600	16,6800	16,4600			16,6800					
Certificate	NL0012970677	BMW 89.2TS OPENB	EUR	21,0500	21,2700	21,0500			21,2700					



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	NL0012604649	BMW 91.3TS OPENH	EUR	2,2700	2,3200	2,2700			2,3200					
Certificate	NL0012245138	BMW 93.1TS OPENH	EUR	2,4600	2,5100	2,4600			2,5100					
Certificate	NL0012696698	BMW 93.7TS OPENB	EUR	25,8900	26,1100	25,8900			26,1100					
Certificate	NL0011235072	BMW 96.2TS OPENH	EUR	2,8000	2,8500	2,8000			2,8500					
Certificate	DE000CE6FB22	BMW 100.2TS OPENZ	EUR	5,0500	5,0500	5,0500			5,0500					
Certificate	NL0012558233	BMW 102.3TS OPENH	EUR	3,4600	3,5100	3,4600			3,5100					
Certificate	NL0012039234	BMW 102.4BS OPENB	EUR	27,6800	27,9000	27,6800			27,9000					
Certificate	NL0011041991	BMW 103.5TS OPENH	EUR	3,5800	3,6400	3,5800			3,6400					
Certificate	DE000CV88AH7	BMW 110.1TS OPENZ	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	NL0013000466	BMW 112.7BS OPENB	EUR	37,9100	38,1300	37,9100			38,1300					
Certificate	NL0012555619	BMW 114.1TS OPENH	EUR	4,7200	4,7700	4,7200			4,7700					
Certificate	DE000CN6JGM0	BMW 51.83TL OPENZ	EUR	23,1450	23,1450	23,1450			23,1450					
Certificate	DE000CN6HSG1	BMW 56.82TL OPENZ	EUR	18,1650	18,1650	18,1650			18,1650					
Certificate	NL0013008659	BMW 59.95BL OPENB	EUR	16,1800	16,1800	15,9600			15,9600					
Certificate	DE000CR9RQ56	BMW 62.12TL OPENZ	EUR	12,8800	12,8800	12,8800			12,8800					
Certificate	NL0013003619	BMW 62.94BL OPENB	EUR	13,1900	13,1900	12,9700			12,9700					
Certificate	NL0011907399	BMW 66.08BL OPENB	EUR	10,0500	10,0500	9,8300			9,8300					
Certificate	DE000CD62502	BMW 67.09TL OPENZ	EUR	7,9600	7,9600	7,9600			7,9600					
Certificate	NL0012020572	BMW 69.74BL OPENB	EUR	6,3900	6,3900	6,1700			6,1700					
Certificate	DE000CD63LH5	BMW 73.05TL OPENZ	EUR	3,3500	3,3500	2,1350	758,2000	3	2,1350	260				
Certificate	NL0013011984	BMW 73.23BL OPENB	EUR	2,9000	2,9000	2,6800			2,6800					
Certificate	NL0013008964	BMW 76.39BS OPENB	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	NL0013002181	BMW 84.04BS OPENB	EUR	9,3000	9,5200	9,3000			9,5200					
Certificate	NL0012025381	BMW 92.45BS OPENB	EUR	17,7100	17,9300	17,7100			17,9300					
Certificate	DE000CP067T9	BNP 40TL OPENC	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	DE000CX592T6	BNP 42TL OPENC	EUR	0,8700	0,8700	0,8700			0,8700					
Certificate	DE000CP062C6	BNP 45TL OPENC	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	DE000CX59FW2	BNP 45TL OPENC	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	DE000CX59PA7	BNP 45TL OPENC	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	NL0012026447	BNP 46TL OPENB	EUR	7,9100	7,9100	7,3700			7,3700					
Certificate	DE000CX59PB5	BNP 50TL OPENC	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	DE000CX59K80	BNP 50TL OPENC	EUR	0,0400	0,0400	0,0200	40,0000	1	0,0200	1000				
Certificate	DE000CY16AH2	BNP 55TL OPENC	EUR											
Certificate	DE000CY16JB6	BNP 55TL OPENC	EUR											
Certificate	DE000CP06ZLO	BNP 55TS OPENC	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000CP060B2	BNP 55TS OPENC	EUR											
Certificate	DE000CP06NV5	BNP 55TS OPENC	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	DE000CP062D4	BNP 55TS OPENC	EUR											
Certificate	DE000CY52BB8	BNP 65TS OPENC	EUR											
Certificate	DE000CQ5A7F5	BNP 65TS OPENC	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	DE000CY52851	BNP 65TS OPENC	EUR											
Certificate	DE000CQ5A594	BNP 65TS OPENC	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	DE000CY0ALH9	BNP 75TS OPENC	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000CY502K3	BNP 75TS OPENC	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	DE000CY0AKS8	BNP 75TS OPENC	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000CY500F7	BNP 75TS OPENC	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	DE000CY50EL5	BNP 80TS OPENC	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	DE000CY50LW7	BNP 80TS OPENC	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	NL0009897198	BNP 11.8TL OPENB	EUR	38,5000	38,5000	38,5000			38,5000					
Certificate	NL0010379582	BNP 30.3TL OPENB	EUR	21,6700	21,6700	21,6700			21,6700					
Certificate	NL0012021521	BNP 40.8TL OPENB	EUR	12,6500	12,6500	12,1100			12,1100					
Certificate	DE000CD63C13	BNP 46.2TL OPENZ	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	NL0012030407	BNP 48.6TL OPENB	EUR	5,6000	5,6000	5,0600			5,0600					
Certificate	NL0013011414	BNP 51.1BS OPENB	EUR	1,8350	2,3750	1,8350			2,3750					
Certificate	NL0013003684	BNP 54.1BS OPENB	EUR	4,8350	5,3650	4,8350	77,1000	1	5,3650	15				
Certificate	NL0012988745	BNP 55.4TS OPENB	EUR	11,9400	12,4700	11,9400			12,4700					
Certificate	NL0012793459	BNP 60.3TS OPENB	EUR	17,3600	17,8900	17,3600			17,8900					
Certificate	NL0012374078	BNP 90.7TS OPENH	EUR	51,0100	51,5300	51,0100			51,5300					
Certificate	NL0011412978	BNP 17.54TL OPENH	EUR	33,7700	33,7700	33,2600			33,2600					
Certificate	NL0011412960	BNP 25.94TL OPENH	EUR	26,1300	26,1300	25,6200			25,6200					
Certificate	NL0012056618	BNP 35.64TL OPENH	EUR	17,3000	17,3000	16,7900			16,7900					
Certificate	DE000CV89BT8	BNP 36.17TL OPENZ	EUR	2,6250	2,6250	2,6250			2,6250					
Certificate	DE000CD62T72	BNP 41.24TL OPENZ	EUR	8,8300	8,8300	8,0700	3524,3000	2	8,0700	410				
Certificate	NL0011979968	BNP 42.45TL OPENH	EUR	11,1100	11,1100	10,6000			10,6000					
Certificate	NL0013011349	BNP 43.03BL OPENB	EUR	7,0950	7,0950	6,5550			6,5550					
Certificate	NL0012990378	BNP 45.03BL OPENB	EUR	5,0850	5,0850	4,5450			4,5450					
Certificate	NL0012975148	BNP 47.05BL OPENB	EUR	3,0750	3,0750	2,5350			2,5350					
Certificate	NL0011993670	BNP 48.52TL OPENH	EUR	5,5900	5,5900	5,0800			5,0800					
Certificate	NL0012105860	BNP 49.07BL OPENB	EUR	1,0550	1,0550	0,4450			0,4450					
Certificate	NL0012793798	BNP 49.84BL OPENB	EUR											
Certificate	NL0012794267	BNP 57.09BS OPENB	EUR	7,8250	8,3550	7,8250			8,3550					
Certificate	NL0012909394	BNP 57.29TS OPENH	EUR	13,9400	14,4500	13,9400			14,4500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012786974	BNP 60.048S OPENB	EUR	10,7750	11,3150	10,7750			11,3150					
Certificate	NL0012591671	BNP 61.26TS OPENH	EUR	18,3300	18,8500	18,3300			18,8500					
Certificate	NL0011412846	BNP 67.38TS OPENH	EUR	25,1300	25,6500	25,1300			25,6500					
Certificate	NL0012243281	BNP 71.44TS OPENH	EUR	29,6300	30,1500	29,6300			30,1500					
Certificate	NL0012437842	BNP 71.81TS OPENH	EUR	30,0500	30,5600	30,0500			30,5600					
Certificate	NL0012582528	BNP 75.85TS OPENH	EUR	34,5300	35,0400	34,5300			35,0400					
Certificate	NL0012312516	BNP 90.59TS OPENH	EUR	50,8900	51,4000	50,8900			51,4000					
Certificate	NL0012365266	BNP 90.65TS OPENH	EUR	50,9600	51,4700	50,9600			51,4700					
Certificate	NL0012244180	BNP 98.49TS OPENH	EUR	59,6600	60,1700	59,6600			60,1700					
Certificate	DE000CV4YXV0	BNRGn 42.9TL OPENZ	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	DE000CV887Y2	BNRGn32.87TL OPENZ	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	DE000CD62R17	BOBL 114.9TL OPENZ	EUR	16,1500	16,5000	16,1500			16,5000					
Certificate	DE000CD62R09	BOBL 123.4TL OPENZ	EUR	7,5900	7,9500	7,5900			7,9500					
Certificate	DE000CD62R33	BOBL 139.4TS OPENZ	EUR	8,4900	8,4900	8,1300			8,1300					
Certificate	DE000CE6CDJ9	BOBL 146.1TS OPENZ	EUR	15,1600	15,1600	14,8000			14,8000					
Certificate	NL0010049383	BOEIN 51.4TL OPENB	EUR	272,7600	272,7600	272,7600			272,7600					
Certificate	NL0011418983	BOEIN 67.4TL OPENH	EUR	26,3500	26,3500	26,0000			26,0000					
Certificate	DE000CN6HTK1	BOEIN 98.8TL OPENZ	EUR	9,1500	9,1500	9,1500			9,1500					
Certificate	DE000CV89TG7	BOFCH 3.2TL OPENZ	EUR	0,1660	0,1660	0,1660			0,1660					
Certificate	DE000CV89TF9	BOFCH 2.68TL OPENZ	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	DE000CQ5AFM0	BOSKA 15TL OPENC	EUR	11,0600	11,0600	11,0600			11,0600					
Certificate	DE000CV51477	BOSKA 20TL OPENC	EUR	5,8900	5,8900	5,8900			5,8900					
Certificate	DE000CV51BV8	BOSKA 20TL OPENC	EUR	6,2400	6,2400	6,2400			6,2400					
Certificate	DE000CQ5ACQ8	BOSKA 22TL OPENC	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	DE000CQ5AK57	BOSKA 22TL OPENC	EUR	4,4100	4,4100	4,4100			4,4100					
Certificate	NL0012795355	BOSKA 24BOC1218Z	EUR	23,7900	23,7900	23,7900			23,7900					
Certificate	DE000CP06L67	BOSKA 24TL OPENC	EUR											
Certificate	DE000CP06KH0	BOSKA 24TL OPENC	EUR											
Certificate	DE000CP06WG7	BOSKA 26TS OPENC	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000CP06ZK2	BOSKA 26TS OPENC	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	DE000CQ5AK81	BOSKA 30TS OPENC	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	DE000CQ5AHF0	BOSKA 30TS OPENC	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	DE000CV52VD2	BOSKA 32TS OPENC	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	DE000CQ5A7D0	BOSKA 32TS OPENC	EUR	7,3500	7,3500	7,3500			7,3500					
Certificate	DE000CV51BW6	BOSKA 34TS OPENC	EUR	9,0800	9,0800	9,0800			9,0800					
Certificate	DE000CV51A63	BOSKA 34TS OPENC	EUR	8,3500	8,3500	8,3500			8,3500					
Certificate	DE000CV51A71	BOSKA 35TS OPENC	EUR	9,3300	9,3300	9,3300			9,3300					
Certificate	DE000CV51FH8	BOSKA 35TS OPENC	EUR	9,3600	9,3600	9,3600			9,3600					
Certificate	DE000CV51J22	BOSKA 35TS OPENC	EUR	9,3900	9,3900	9,3900			9,3900					
Certificate	DE000CP06PG1	BOSKA 35TS OPENC	EUR	11,8000	11,8000	11,8000			11,8000					
Certificate	NL0011421169	BOSKA 37TS OPENH	EUR	15,5600	15,5600	15,4600			15,4600					
Certificate	NL0012600365	BOSKA 15.3TL OPENH	EUR	10,4200	10,5200	10,4200			10,5200					
Certificate	NL0012593412	BOSKA 17.3TL OPENH	EUR	8,5300	8,6300	8,5300			8,6300					
Certificate	NL0012310858	BOSKA 19.8TL OPENH	EUR	6,2300	6,3300	6,2300			6,3300					
Certificate	NL0012600357	BOSKA 20.8TL OPENH	EUR	5,2500	5,3500	5,2500			5,3500					
Certificate	NL0012595730	BOSKA 21.3TL OPENH	EUR	4,7800	4,8800	4,7600	999,6000	1	4,8800	210				
Certificate	NL0012596191	BOSKA 21.8TL OPENH	EUR	4,3100	4,4100	4,3100			4,4100					
Certificate	NL0012605356	BOSKA 22.7TL OPENH	EUR	3,4900	3,5800	3,4900			3,5800					
Certificate	NL0012889026	BOSKA 23.8TL OPENH	EUR	2,4700	2,5700	2,4700			2,5700					
Certificate	NL0012793012	BOSKA 25.2BOC1218B	EUR	24,5500	24,6000	24,5500			24,6000					
Certificate	NL0013080039	BOSKA 25.8TS OPENH	EUR	3,3900	3,3900	3,2900			3,2900					
Certificate	NL0013079171	BOSKA 27.1TS OPENH	EUR	4,7900	4,7900	4,6900			4,6900					
Certificate	NL0012905038	BOSKA 28.5TS OPENH	EUR	6,3900	6,3900	6,2900			6,2900					
Certificate	NL0012586473	BOSKA 29.1TS OPENH	EUR	6,9900	6,9900	6,8900			6,8900					
Certificate	NL0012586465	BOSKA 29.6TS OPENH	EUR	7,5300	7,5300	7,4200			7,4200					
Certificate	NL0012586457	BOSKA 30.1TS OPENH	EUR	8,0600	8,0600	7,9600			7,9600					
Certificate	NL0012582159	BOSKA 30.7TS OPENH	EUR	8,6700	8,6700	8,5700			8,5700					
Certificate	NL0012591689	BOSKA 31.1TS OPENH	EUR	9,1300	9,1300	9,0300			9,0300					
Certificate	NL0012305817	BOSKA 31.6TS OPENH	EUR	9,7100	9,7100	9,6100			9,6100					
Certificate	NL0011599584	BOSKA 32.3TS OPENH	EUR	10,5000	10,5000	10,4000			10,4000					
Certificate	NL0012305270	BOSKA 32.6TS OPENH	EUR	10,7500	10,7500	10,6500			10,6500					
Certificate	NL0012586440	BOSKA 33.5TS OPENH	EUR	11,7800	11,7800	11,6800			11,6800					
Certificate	NL0011935499	BOSKA 34.2TS OPENH	EUR	12,4800	12,4800	12,3800			12,3800					
Certificate	NL0011933494	BOSKA 36.1TS OPENH	EUR	14,5100	14,5100	14,4100			14,4100					
Certificate	NL0011044409	BOSKA 49.3TS OPENH	EUR	28,8400	28,8400	28,7400			28,7400					
Certificate	DE000CV8AYQ9	BOSKA14.22TL OPENZ	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000CV87Y21	BOSKA16.24TL OPENZ	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	NL0012775969	BOSKA16.59BL OPENB	EUR	8,6050	8,7150	8,6050			8,7150					
Certificate	NL0012774475	BOSKA18.12BL OPENB	EUR	7,0850	7,1950	7,0850			7,1950					
Certificate	NL0010174264	BOSKA18.14TL OPENB	EUR	8,1750	8,1750	8,1750			8,1750					
Certificate	DE000CV88137	BOSKA19.25TL OPENZ	EUR	1,0900	1,1000	1,0900	109,0000	1	1,1000	100				
Certificate	NL0012027924	BOSKA19.64BL OPENB	EUR	5,5550	5,6650	5,5550			5,6650					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL001277585	BOSKA20.44TL OPENB	EUR	5,9750	6,0850	5,9750			6,0850					
Certificate	LU1719605419	BOSKA21.24TCIOPENS	EUR	4,6800	4,6800	4,6800			4,6800					
Certificate	DE000CD63HY8	BOSKA21.27TL OPENZ	EUR	3,4550	3,4550	3,4550			3,4550					
Certificate	NL0012490262	BOSKA21.32BL OPENB	EUR	3,8850	3,9950	3,8850			3,9950					
Certificate	NL0010134813	BOSKA21.47TL OPENB	EUR	5,1550	5,1550	5,1550			5,1550					
Certificate	NL0012786214	BOSKA22.47TL OPENB	EUR	4,1450	4,2550	4,1000	8200,0000	2	4,2550	2000				
Certificate	LU1719605500	BOSKA22.66TCIOPENS	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	NL0012782478	BOSKA22.84BL OPENB	EUR	2,3650	2,4750	2,3650			2,4750					
Certificate	DE000CV880B5	BOSKA23.25TL OPENZ	EUR	0,2800	0,3100	0,2800	730,0000	3	0,3100	2500				
Certificate	NL0013012750	BOSKA23.47TL OPENB	EUR	3,2350	3,3450	3,2350			3,3450					
Certificate	LU1817100479	BOSKA23.75TCIOPENS	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	LU1840979311	BOSKA25.09TPIOPENS	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	NL0013006984	BOSKA26.28BS OPENB	EUR	2,4150	2,4150	2,2650			2,2650					
Certificate	NL0013007339	BOSKA26.66TS OPENB	EUR	5,1250	5,1250	4,9750			4,9750					
Certificate	LU1840911603	BOSKA27.01TPIOPENS	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	DE000C3N1A1	BOSKA27.94TS OPENZ	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	NL0012773303	BOSKA28.62TS OPENB	EUR	7,2950	7,2950	7,1450			7,1450					
Certificate	NL0012773030	BOSKA28.77BS OPENB	EUR	4,9150	4,9150	4,7650			4,7650					
Certificate	LU1790583758	BOSKA28.99TPIOPENS	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	LU1840348756	BOSKA29.66TPIOPENS	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	NL0012685671	BOSKA30.54TS OPENB	EUR	9,4450	9,4450	9,2950			9,2950					
Certificate	DE000CE6D640	BOSKA30.93TS OPENZ	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	NL0012112478	BOSKA31.22BS OPENB	EUR	7,3550	7,3550	7,2050			7,2050					
Certificate	NL0012996650	BOSKA32.54TS OPENB	EUR	11,6650	11,6650	11,5150			11,5150					
Certificate	NL0012999015	BOSKA33.71BS OPENB	EUR	9,8550	9,8550	9,7050			9,7050					
Certificate	DE000C3NP05	BOSKA34.43TS OPENZ	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	NL001044261	BOUYG13.46TL OPENB	EUR	23,9350	23,9350	23,9350			23,9350					
Certificate	DE000CV89L51	BOUYG25.11TL OPENZ	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	DE000CV505F9	BOUYG30.12TL OPENZ	EUR	0,6900	0,6900	0,4850	345,0000	1	0,4850	500				
Certificate	DE000CV4YXG1	BOUYG34.64TL OPENZ	EUR	0,0500	0,0500	0,0500			0,0500					
Certificate	NL0011977996	BP 4TL OPENH	EUR	2,1600	2,1600	2,1500			2,1500					
Certificate	NL0012608020	BP 5TL OPENH	EUR	1,1200	1,1200	1,1100			1,1100					
Certificate	NL0013079296	BP 6TS OPENH	EUR	1,0500	1,0600	1,0500			1,0600					
Certificate	NL0009495605	BP 20TL OPENB	EUR	6,2050	6,2050	6,2050			6,2050					
Certificate	NL0009484427	BP 80TL OPENB	EUR	5,4950	5,4950	5,4950			5,4950					
Certificate	NL0009501360	BP 170TL OPENB	EUR											
Certificate	NL0009506153	BP 190TL OPENB	EUR	4,3850	4,3850	4,3850			4,3850					
Certificate	NL0011728415	BP 2.9TL OPENH	EUR	3,2700	3,2700	3,2600			3,2600					
Certificate	NL0009434620	BP 230TL OPENB	EUR	3,9450	3,9450	3,9450			3,9450					
Certificate	NL0011889712	BP 3.3TL OPENH	EUR	2,8800	2,8800	2,8700			2,8700					
Certificate	NL0011995717	BP 3.9TL OPENH	EUR	2,2100	2,2100	2,2000			2,2000					
Certificate	NL0012598767	BP 4.6TL OPENH	EUR	1,5400	1,5400	1,5300			1,5300					
Certificate	NL0012611933	BP 5.2TL OPENH	EUR	0,9100	0,9100	0,9000			0,9000					
Certificate	NL0012609606	BP 5.4TS OPENH	EUR											
Certificate	NL0012900260	BP 5.5TL OPENH	EUR											
Certificate	NL0013085038	BP 5.8TS OPENH	EUR	0,8100	0,8200	0,8100			0,8200					
Certificate	NL0012611461	BP 6.2TS OPENH	EUR	1,3200	1,3300	1,3200			1,3300					
Certificate	NL0012861181	BP 6.6TS OPENH	EUR	1,9000	1,9100	1,9000			1,9100					
Certificate	NL0012847008	BP 6.9TS OPENH	EUR	2,1800	2,1900	2,1800			2,1900					
Certificate	DE000CR4HR03	BP 3.12TL OPENZ	EUR											
Certificate	DE000CE6EX04	BP 4.34TL OPENZ	EUR	1,3750	1,3750	1,3750			1,3750					
Certificate	DE000CD61TQ3	BP 3.525TL OPENZ	EUR	2,2950	2,2950	2,2950			2,2950					
Certificate	DE000CD634Y0	BP 3.934TL OPENZ	EUR	1,8350	1,8350	1,8350			1,8350					
Certificate	DE000CV88GN2	BP 4.839TL OPENZ	EUR	0,8050	0,8050	0,8050			0,8050					
Certificate	DE000C3NQ53	BP 5.336TL OPENZ	EUR	0,2550	0,2550	0,2550			0,2550					
Certificate	DE000CV89Q31	BPOST 10.TL OPENZ	EUR	0,6600	0,6600	0,6200	1300,0000	2	0,6200	2000				
Certificate	DE000C3N070	BPOST 14.2TS OPENZ	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	NL0012795819	BPOST 15.28OC0919Z	EUR	13,4800	13,4800	13,4400	1348,0000	1	13,4400	100				
Certificate	NL0012795801	BPOST 15.48OC0619Z	EUR	13,4800	13,4800	13,4800			13,4800					
Certificate	DE000CV89W33	BPOST10.49TL OPENZ	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	DE000CV88LZ6	BPOST11.01TL OPENZ	EUR	0,4400	0,4400	0,4200	440,0000	1	0,4200	1000				
Certificate	DE000CV89QW0	BPOST11.51TL OPENZ	EUR	0,3600	0,3600	0,3300	684,0000	1	0,3300	1900				
Certificate	NL0013007172	BPOST11.53TL OPENB	EUR	0,5650	0,5650	0,5250			0,5250					
Certificate	DE000CV89MY5	BPOST12.03TL OPENZ	EUR	0,2400	0,2400	0,2200	1510,0000	2	0,2200	6500				
Certificate	NL0012993174	BPOST12.04TL OPENB	EUR	0,4750	0,4750	0,4350	90,0000	1	0,4350	200				
Certificate	NL0012993182	BPOST12.53TL OPENB	EUR	0,3850	0,3850	0,3450			0,3450					
Certificate	DE000CV8A5N0	BPOST12.53TL OPENZ	EUR	0,1900	0,1900	0,1300	47,5000	1	0,1300	250				
Certificate	NL0013012768	BPOST13.03TL OPENB	EUR	0,2950	0,2950	0,2550			0,2550					
Certificate	DE000C3PC16	BPOST13.13TL OPENZ	EUR											
Certificate	NL0013004948	BPOST13.96TS OPENB	EUR	0,4550	0,4850	0,4550			0,4850					
Certificate	NL0012993273	BPOST14.94TS OPENB	EUR	0,6750	0,7050	0,6750			0,7050					
Certificate	DE000CV89Q49	BPOST15.19TS OPENZ	EUR	0,3900	0,4400	0,3900	5118,0000	5	0,4400	12200				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012994552	BPOST15.95TS OPENB	EUR	0,8950	0,9250	0,8950			0,9250					
Certificate	DE000CV894L5	BPOST16.18TS OPENZ	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	DE000CV88M10	BPOST18.18TS OPENZ	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	DE000CV881X7	BPOST20.16TS OPENZ	EUR											
Certificate	DE000CV872M6	BPOST26.13TS OPENZ	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	DE000CV424B3	BPOST30.11TS OPENZ	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	DE000CV895Z9	BPOST7.951TL OPENZ	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	DE000CV89EE4	BPOST8.985TL OPENZ	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CV42LV2	BRBY 12.5TL OPENZ	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	DE000CV4Y13	BRBY 14.02TL OPENZ	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CV4ZP39	BRBY 14.66TL OPENZ	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	DE000CV88HU5	BRBY 16.66TL OPENZ	EUR	0,1300	0,1300	0,1300			0,1300					
Certificate	DE000CN6JPB4	BRCLS1.188TL OPENZ	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	DE000CD625N1	BRCLS1.498TL OPENZ	EUR	0,1750	0,1750	0,1750			0,1750					
Certificate	DE000VA234T9	BRENT LEVOPENV	EUR	8,1900	8,1900	8,0400			8,0400					
Certificate	DE000VN610M0	BRENT LEVOPENV	EUR	16,3950	16,3950	16,0750			16,0750					
Certificate	DE000VN610N8	BRENT LEVOPENV	EUR	12,2700	12,2700	11,7900			11,7900					
Certificate	DE000VN610P3	BRENT LEVOPENV	EUR	0,3800	0,3800	0,3580			0,3580					
Certificate	DE000VA234U7	BRENT LEVOPENV	EUR	3,0650	3,0650	2,9450			2,9450					
Certificate	DE000CE6C1J3	BRENT LEVOPENZ	EUR	14,2900	14,2900	14,2300			14,2300					
Certificate	DE000CE6C1K1	BRENT LEVOPENZ	EUR	38,7350	38,7350	37,7950			37,7950					
Certificate	DE000CE6C1M7	BRENT LEVOPENZ	EUR	17,4450	17,4450	16,5800			16,5800					
Certificate	NL0000458750	BRENT PI OPENB	EUR	29,5400	29,5400	29,4100			29,4100					
Certificate	DE000VN610Q1	BRENT SHROPENV	EUR	0,5780	0,5900	0,5780			0,5900					
Certificate	DE000VA1ZHR6	BRENT SHROPENV	EUR	0,8340	0,8660	0,8340			0,8660					
Certificate	DE000VN610S7	BRENT SHROPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VN610R9	BRENT SHROPENV	EUR	0,0115	0,0150	0,0115	105,0000	1	0,0115	7000				
Certificate	DE000CE6C1L9	BRENT SHROPENZ	EUR	0,2220	0,2280	0,2220			0,2280					
Certificate	DE000CE6C1N5	BRENT SHROPENZ	EUR	0,0010	0,0010	0,0010			0,0010					
Certificate	NL0011535513	BRENT 31TL OPENB	EUR	43,4550	43,4550	43,4550			43,4550					
Certificate	DE000CV8A3P0	BRENT 53TL 1018Z	EUR	23,7300	23,7300	23,4000			23,4000					
Certificate	NL0012501118	BRENT 54TL OPENB	EUR	24,1450	24,1450	24,1450			24,1450					
Certificate	NL0012503171	BRENT 55TL OPENB	EUR	23,3050	23,3050	23,3050			23,3050					
Certificate	DE000CQ5BWF7	BRENT 56TL 1018C	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	NL0012504955	BRENT 56TL OPENB	EUR	22,4650	22,4650	22,4650			22,4650					
Certificate	DE000CV8A3Q8	BRENT 57TL 1018Z	EUR	20,2500	20,2500	19,9200			19,9200					
Certificate	LU1651900505	BRENT 60TCIOPENS	EUR	19,4200	19,4200	19,1800			19,1800					
Certificate	DE000CQ5BWK5	BRENT 60TL 1018C	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	LU1651898170	BRENT 61TCIOPENS	EUR	18,5100	18,5100	18,2700			18,2700					
Certificate	DE000CV8A3R6	BRENT 61TL 1018Z	EUR	16,7700	16,7700	16,4400			16,4400					
Certificate	LU1651898410	BRENT 62TCIOPENS	EUR	17,6100	17,6100	17,3800			17,3800					
Certificate	DE000CQ5BWH3	BRENT 62TL 1018C	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	LU1719403898	BRENT 63TCIOPENS	EUR	16,1900	16,1900	15,9500			15,9500					
Certificate	DE000CQ5BWB9	BRENT 64TL 1018C	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	DE000CV8A3S4	BRENT 65TL 1018Z	EUR	13,2900	13,2900	12,9500			12,9500					
Certificate	DE000CQ5BWK7	BRENT 66TL 1018C	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	LU1756002488	BRENT 67TCIOPENS	EUR	11,3200	11,3200	11,0900			11,0900					
Certificate	LU1756002561	BRENT 68TCIOPENS	EUR	10,4500	10,4500	10,2200			10,2200					
Certificate	DE000CQ5BWL5	BRENT 68TL 1018C	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	DE000CP06Q13	BRENT 68TL 1218C	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	LU1756002645	BRENT 69TCIOPENS	EUR	9,5800	9,5800	9,3500			9,3500					
Certificate	DE000CV8A3T2	BRENT 69TL 1018Z	EUR	9,8100	9,8100	9,4700			9,4700					
Certificate	DE000CP06K76	BRENT 70TL 1018C	EUR	0,4500	0,4500	0,4300	799,6500	1	0,4300	1777				
Certificate	DE000CP06K84	BRENT 72TL 1018C	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CP06Q21	BRENT 72TL 1218C	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	LU1816982091	BRENT 73TCIOPENS	EUR											
Certificate	DE000CV8B7Y2	BRENT 74TL 1018Z	EUR	5,4600	5,4600	5,1200			5,1200					
Certificate	DE000CP06Q39	BRENT 74TL 1218C	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	LU1817216424	BRENT 75TCIOPENS	EUR	4,4200	4,4200	4,2000			4,2000					
Certificate	DE000CP06K92	BRENT 76TL 1018C	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	DE000CP06Q47	BRENT 76TL 1218C	EUR	0,1500	0,1500	0,1500			0,1500					
Certificate	LU1790507732	BRENT 76TCIOPENS	EUR											
Certificate	DE000CP06Q54	BRENT 78TL 1218C	EUR	0,0600	0,0700	0,0200	10400,0000	5	0,0700	280000				
Certificate	DE000CP06Q62	BRENT 80TL 1218C	EUR											
Certificate	LU1840909292	BRENT 81TCIOPENS	EUR											
Certificate	DE000CP06Q70	BRENT 82TL 1218C	EUR											
Certificate	DE000CP06KC1	BRENT 88TS 1018C	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	DE000CP06Q88	BRENT 88TS 1218C	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	DE000CP06KD9	BRENT 90TS 1018C	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	DE000CP06Q96	BRENT 90TS 1218C	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	DE000CV8A3Y2	BRENT 91TS 1018Z	EUR	9,7700	10,1200	9,7700			10,1200					
Certificate	DE000CP06KE7	BRENT 92TS 1018C	EUR	0,5500	0,5500	0,5500			0,5500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CP06QA2	BRENT 92TS 1218C	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	DE000CP06QB0	BRENT 94TS 1218C	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	DE000CP06QC8	BRENT 96TS 1218C	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	DE000CP06QD6	BRENT 100TS 1218C	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	DE000CV8B7Z9	BRENT 101TS 1018Z	EUR	18,4700	18,8300	18,4700			18,8300					
Certificate	DE000CP06QE4	BRENT 104TS 1218C	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	NL0012861314	BRENT 103.TS OPENH	EUR	23,1200	23,1200	23,1200			23,1200					
Certificate	NL0012860803	BRENT 108.TS OPENH	EUR	27,5500	27,5500	27,5500			27,5500					
Certificate	DE000CJ3NXE7	BRENT 110.TS OPENZ	EUR	26,4400	26,8200	26,4400			26,8200					
Certificate	DE000CJ3NZK9	BRENT 115.TS OPENZ	EUR	30,7900	31,1800	30,7900			31,1800					
Certificate	NL0011636949	BRENT 23.3TL OPENB	EUR	49,9150	49,9150	49,9150			49,9150					
Certificate	NL0011539549	BRENT 25.4TL OPENB	EUR	48,1350	48,1350	48,1350			48,1350					
Certificate	NL0011532387	BRENT 27.5TL OPENB	EUR	46,3550	46,3550	46,3550			46,3550					
Certificate	NL0011422399	BRENT 29.6TL OPENH	EUR	44,5500	44,5500	44,5500			44,5500					
Certificate	NL0011531280	BRENT 32.2TL OPENB	EUR	42,4050	42,4050	42,4050			42,4050					
Certificate	NL0011637855	BRENT 35.2TL OPENB	EUR	39,8950	39,8950	39,8950			39,8950					
Certificate	NL0011648340	BRENT 37.4TL OPENB	EUR	38,1050	38,1050	38,1050			38,1050					
Certificate	NL0011933288	BRENT 38.6TL OPENH	EUR	36,9900	36,9900	36,9900			36,9900					
Certificate	NL0011655741	BRENT 41.6TL OPENB	EUR	34,5750	34,5750	34,5750			34,5750					
Certificate	NL0012277453	BRENT 44.7TL OPENB	EUR	31,9250	31,9250	31,9250			31,9250					
Certificate	DE000CE6ETJ1	BRENT 50.3TL OPENZ	EUR	26,1800	26,1800	25,8500			25,8500					
Certificate	NL0012439640	BRENT 50.9TL OPENH	EUR	26,2500	26,2500	26,2500			26,2500					
Certificate	DE000CE6ETK9	BRENT 51.3TL OPENZ	EUR	25,3100	25,3100	24,9750			24,9750					
Certificate	NL0012495170	BRENT 51.9TL OPENB	EUR	25,8950	25,8950	25,8950			25,8950					
Certificate	DE000CE6EW13	BRENT 52.3TL OPENZ	EUR	24,4400	24,4400	24,1100			24,1100					
Certificate	DE000VL2FT08	BRENT 53.6TL OPENV	EUR	24,3350	24,3350	24,0150			24,0150					
Certificate	NL0012500920	BRENT 53.98L OPENB	EUR	22,5450	22,5450	22,5450			22,5450					
Certificate	DE000CE6FEH4	BRENT 56.3TL OPENZ	EUR	21,7600	21,7600	21,4250			21,4250					
Certificate	NL0012504963	BRENT 57.1TL OPENB	EUR	21,4900	21,5950	21,0000	4249,0000	2	21,5950	200				
Certificate	NL0012508386	BRENT 58.1TL OPENB	EUR	20,1700	20,7750	20,1700	10212,5000	2	20,7750	500				
Certificate	NL0012693964	BRENT 60.1TL OPENB	EUR	19,0450	19,0450	19,0450			19,0450					
Certificate	NL0012688782	BRENT 61.2TL OPENB	EUR	18,1550	18,1550	18,1550			18,1550					
Certificate	LU1651898337	BRENT 61.5TCIOPENS	EUR	18,0600	18,0600	17,8200			17,8200					
Certificate	NL0012688790	BRENT 62.2TL OPENB	EUR	17,3050	17,3050	17,3050			17,3050					
Certificate	LU1719638931	BRENT 63.5TCIOPENS	EUR	14,5600	14,5600	14,3300			14,3300					
Certificate	NL0012775175	BRENT 64.2TL OPENB	EUR	15,6350	15,6350	15,6350			15,6350					
Certificate	LU1719639079	BRENT 65.5TCIOPENS	EUR	12,7900	12,7900	12,5600			12,5600					
Certificate	NL0012776199	BRENT 66.2TL OPENB	EUR	13,9550	13,9550	13,9550			13,9550					
Certificate	NL0012780977	BRENT 67.2TL OPENB	EUR	13,1250	13,1250	13,1250			13,1250					
Certificate	NL0012781439	BRENT 68.2TL OPENB	EUR	12,2750	12,2750	12,2750			12,2750					
Certificate	NL0012613855	BRENT 69.1TL OPENH	EUR	10,8300	10,8300	10,8300			10,8300					
Certificate	NL0012782023	BRENT 69.28L OPENB	EUR	9,2250	9,2250	9,2250			9,2250					
Certificate	NL0012781447	BRENT 69.2TL OPENB	EUR	11,4350	11,4350	11,4350			11,4350					
Certificate	DE000CV88FE3	BRENT 69.5TL OPENZ	EUR	10,5000	10,5000	10,1550			10,1550					
Certificate	NL0012991368	BRENT 70.28L OPENB	EUR	8,3550	8,3550	8,3550			8,3550					
Certificate	NL0012990741	BRENT 70.2TL OPENB	EUR	10,3900	10,6150	10,2950	103180,0000	2	10,6150	10000				
Certificate	NL0012991822	BRENT 73.2TL OPENB	EUR	8,2100	8,2100	8,1150	500,8100	1	8,1150	61				
Certificate	NL0012992341	BRENT 73.9TL OPENB	EUR	7,5250	7,5250	7,5250			7,5250					
Certificate	NL0012993810	BRENT 74.9TL OPENB	EUR	6,6750	6,6750	6,6750			6,6750					
Certificate	NL0012996920	BRENT 75.8TL OPENB	EUR	5,6500	5,8850	5,6500	56500,0000	1	5,8850	10000				
Certificate	NL0012999957	BRENT 76.9TL OPENB	EUR	4,4800	5,1500	4,2250	10186,8000	4	4,9950	2120				
Certificate	LU1840347782	BRENT 77.5TCIOPENS	EUR	2,3300	2,3300	2,1100			2,1100					
Certificate	NL0013001779	BRENT 77.9TL OPENB	EUR	4,2400	4,2450	3,4250	6393,1000	5	4,1750	1600				
Certificate	NL0013002249	BRENT 78.9TL OPENB	EUR	3,1700	3,3900	2,8800	12428,0000	11	2,8850	4050				
Certificate	NL0013003718	BRENT 79.8TL OPENB	EUR											
Certificate	NL0013012099	BRENT 81.6TS OPENB	EUR											
Certificate	DE000VA71TB0	BRENT 82.6TS OPENV	EUR	2,2685	2,6185	2,2685			2,6185					
Certificate	NL0013010697	BRENT 83.6TS OPENB	EUR	6,4850	6,4850	6,4850			6,4850					
Certificate	DE000VA77F48	BRENT 83.6TS OPENV	EUR	3,1385	3,4895	3,1385			3,4895					
Certificate	DE000VA77F55	BRENT 84.6TS OPENV	EUR	4,0095	4,3605	4,0095			4,3605					
Certificate	NL0013009160	BRENT 85.5TS OPENB	EUR	8,2850	8,2850	8,2850			8,2850					
Certificate	DE000VA77F63	BRENT 85.6TS OPENV	EUR	4,8795	5,2350	4,8795			5,2350					
Certificate	LU1757002693	BRENT 87.5TPIOPENS	EUR	6,9200	7,1300	6,9200			7,1300					
Certificate	NL0013002256	BRENT 87.5TS OPENB	EUR	10,0350	10,0350	10,0350			10,0350					
Certificate	NL0012791073	BRENT 89.5TS OPENB	EUR	11,6400	12,5000	11,6400	1492,0400	3	11,8450	126				
Certificate	NL0013001795	BRENT 91.4TS OPENB	EUR	13,6350	13,6350	13,6350			13,6350					
Certificate	NL0013004484	BRENT 93.4TS OPENB	EUR	15,4150	15,4150	15,4150			15,4150					
Certificate	NL0013004856	BRENT 95.4TS OPENB	EUR	17,2250	17,2250	17,2250			17,2250					
Certificate	LU1757002859	BRENT 95.5TPIOPENS	EUR	13,8000	14,0000	13,8000			14,0000					
Certificate	DE000CJ3NXD9	BRENT100.1TS OPENZ	EUR	17,8000	18,1700	17,8000			18,1700					
Certificate	LU1757003071	BRENT100.5TPIOPENS	EUR	18,0900	18,2900	18,0900			18,2900					
Certificate	DE000CV88ZN2	BRENT100.5TS OPENZ	EUR	19,7250	20,1050	19,7250			20,1050					



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	DE000CV88V43	BRENT105.1TS OPENZ	EUR	22,0900	22,4700	22,0900			22,4700					
Certificate	DE000CJ3NXJ6	BRENT105.5TS OPENZ	EUR	24,0200	24,4000	24,0200			24,4000					
Certificate	NL0012903918	BRENT119.5TS OPENH	EUR	37,9000	37,9000	37,9000			37,9000					
Certificate	NL0012313126	BRENT113.44TL OPENH	EUR	57,9800	57,9800	57,9800			57,9800					
Certificate	NL0011636733	BRENT16.72BL OPENB	EUR	54,2300	54,9750	54,2300	2440,3500	1	54,9750	45				
Certificate	NL0011598321	BRENT17.79TL OPENH	EUR	54,4500	54,4500	54,4500			54,4500					
Certificate	NL0011422415	BRENT23.24TL OPENH	EUR	49,8800	49,8800	49,8800			49,8800					
Certificate	NL0011422407	BRENT26.42TL OPENH	EUR	47,2100	47,2100	47,2100			47,2100					
Certificate	NL0011538111	BRENT28.47BL OPENB	EUR	44,7350	44,7350	44,7350			44,7350					
Certificate	NL0011422381	BRENT32.78TL OPENH	EUR	41,8800	41,8800	41,8800			41,8800					
Certificate	DE000CN6HEY4	BRENT33.37TL OPENZ	EUR	40,9000	40,9000	40,5950			40,5950					
Certificate	NL0011727839	BRENT34.18TL OPENH	EUR	40,7000	40,7000	40,7000			40,7000					
Certificate	NL0011598313	BRENT34.67TL OPENH	EUR	40,2900	40,2900	40,2900			40,2900					
Certificate	DE000CD628Y2	BRENT34.92TL OPENZ	EUR	40,0000	40,0000	39,6950			39,6950					
Certificate	NL0011727821	BRENT35.24TL OPENH	EUR	39,8200	39,8200	39,8200			39,8200					
Certificate	NL0011598305	BRENT35.73TL OPENH	EUR	39,4000	39,4000	39,4000			39,4000					
Certificate	NL0011727805	BRENT37.34TL OPENH	EUR	38,0500	38,0500	38,0500			38,0500					
Certificate	NL0011933296	BRENT37.57TL OPENH	EUR	37,8700	37,8700	37,8700			37,8700					
Certificate	NL0011727797	BRENT38.39TL OPENH	EUR	37,1800	37,1800	37,1800			37,1800					
Certificate	NL0011648779	BRENT39.34BL OPENB	EUR	35,2750	35,2750	35,2750			35,2750					
Certificate	NL0011727789	BRENT39.45TL OPENH	EUR	36,2800	36,2800	36,2800			36,2800					
Certificate	NL0011933270	BRENT39.65TL OPENH	EUR	36,1200	36,1200	36,1200			36,1200					
Certificate	DE000CN6J1R0	BRENT40.41TL OPENZ	EUR	34,7800	34,7800	34,4600			34,4600					
Certificate	NL0011727771	BRENT40.49TL OPENH	EUR	35,4200	35,4200	35,4200			35,4200					
Certificate	NL0011933262	BRENT40.69TL OPENH	EUR	35,2500	35,2500	35,2500			35,2500					
Certificate	DE000CN6K5S6	BRENT41.04TL OPENZ	EUR	34,7800	34,7800	34,4650			34,4650					
Certificate	NL0011655410	BRENT41.48BL OPENB	EUR	33,4050	33,4050	33,4050			33,4050					
Certificate	NL0011727763	BRENT41.54TL OPENH	EUR	34,5300	34,5300	34,5300			34,5300					
Certificate	NL0011933254	BRENT41.74TL OPENH	EUR	34,3600	34,3600	34,3600			34,3600					
Certificate	DE000VN66W86	BRENT42.52TL OPENV	EUR	34,1250	34,1250	33,8150			33,8150					
Certificate	DE000CN6K859	BRENT43.02TL OPENZ	EUR	32,5100	32,5100	32,1900			32,1900					
Certificate	NL0012274963	BRENT43.56BL OPENB	EUR	31,5550	31,5550	31,5550			31,5550					
Certificate	NL0012372650	BRENT43.68TL OPENH	EUR	32,3700	32,3700	32,3700			32,3700					
Certificate	NL0012372643	BRENT44.71TL OPENH	EUR	31,4900	31,4900	31,4900			31,4900					
Certificate	NL0012372635	BRENT45.75TL OPENH	EUR	30,6200	30,6200	30,6200			30,6200					
Certificate	DE000CE6E4J5	BRENT46.12TL OPENZ	EUR	30,4400	30,4400	30,1150			30,1150					
Certificate	NL0012372627	BRENT46.78TL OPENH	EUR	29,7400	29,7400	29,7400			29,7400					
Certificate	DE000CE6E4A4	BRENT47.33TL OPENZ	EUR	28,7600	28,7600	28,4300			28,4300					
Certificate	NL0012372619	BRENT47.82TL OPENH	EUR	28,8600	28,8600	28,8600			28,8600					
Certificate	DE000CE6E556	BRENT48.32TL OPENZ	EUR	27,9100	27,9100	27,5700			27,5700					
Certificate	DE000CE6EP12	BRENT48.66TL OPENZ	EUR	28,2750	28,2750	27,9450			27,9450					
Certificate	NL0012437693	BRENT48.78TL OPENH	EUR	28,0500	28,0500	28,0500			28,0500					
Certificate	DE000CE6EN30	BRENT49.31TL OPENZ	EUR	27,0400	27,0400	26,7100			26,7100					
Certificate	NL0012492714	BRENT49.78BL OPENB	EUR	26,1350	26,1350	26,1350			26,1350					
Certificate	NL0012439657	BRENT49.86TL OPENH	EUR	27,1300	27,1300	27,1300			27,1300					
Certificate	DE000CE6EXN5	BRENT51.21TL OPENZ	EUR	26,1000	26,1000	25,7750			25,7750					
Certificate	NL0012518112	BRENT51.91TL OPENH	EUR	25,4000	25,4000	25,4000			25,4000					
Certificate	NL0012525018	BRENT52.96TL OPENH	EUR	24,5000	24,5000	24,5000			24,5000					
Certificate	DE000CE6EXH7	BRENT53.29TL OPENZ	EUR	23,5700	23,5700	23,2400			23,2400					
Certificate	DE000CE6EXP0	BRENT53.76TL OPENZ	EUR	23,9250	23,9250	23,5950			23,5950					
Certificate	NL0012526578	BRENT53.94TL OPENH	EUR	23,6800	23,6800	23,6800			23,6800					
Certificate	DE000CE6EXJ3	BRENT54.29TL OPENZ	EUR	22,7050	22,7050	22,3750			22,3750					
Certificate	NL0012531222	BRENT55.98TL OPENH	EUR	21,9500	21,9500	21,9500			21,9500					
Certificate	DE000CE6FEA9	BRENT56.28TL OPENZ	EUR	20,9700	20,9700	20,6300			20,6300					
Certificate	NL0012531495	BRENT58.03TL OPENH	EUR	20,2200	20,2200	20,2200			20,2200					
Certificate	DE000VL37DS6	BRENT58.07TL OPENV	EUR	20,7950	20,7950	20,4650			20,4650					
Certificate	DE000CE6FHL9	BRENT58.28TL OPENZ	EUR	19,2400	19,2400	18,9050			18,9050					
Certificate	DE000CE6FHQ8	BRENT58.85TL OPENZ	EUR	19,5800	19,5800	19,2450			19,2450					
Certificate	NL0012508246	BRENT59.04BL OPENB	EUR	18,0750	18,0750	18,0750			18,0750					
Certificate	NL0012549141	BRENT59.66TL OPENH	EUR	18,8300	18,8300	18,8300			18,8300					
Certificate	NL0012512065	BRENT60.06BL OPENB	EUR	17,1850	17,1850	17,1850			17,1850					
Certificate	DE000CV4Z6Q6	BRENT60.27TL OPENZ	EUR	17,5000	17,5000	17,1600			17,1600					
Certificate	NL0012548523	BRENT60.69TL OPENH	EUR	17,9600	17,9600	17,9600			17,9600					
Certificate	DE000CV4Z845	BRENT61.39TL OPENZ	EUR	17,4100	17,4100	17,0750			17,0750					
Certificate	DE000VL5R8J7	BRENT61.59TL OPENV	EUR	17,2650	17,2650	16,7700	1677,0000	1	16,9250	100				
Certificate	NL0012613921	BRENT62.01TL OPENH	EUR	16,8400	16,8400	16,8400			16,8400					
Certificate	DE000VL76J79	BRENT62.24TL OPENV	EUR	16,3750	16,3750	16,0450			16,0450					
Certificate	DE000CV87J99	BRENT62.31TL OPENZ	EUR	15,7300	15,7300	15,3900			15,3900					
Certificate	NL0012613913	BRENT63.02TL OPENH	EUR	15,9900	15,9900	15,9900			15,9900					
Certificate	DE000VL76J07	BRENT63.24TL OPENV	EUR	15,4950	15,4950	15,1650			15,1650					
Certificate	DE000CV881C1	BRENT63.41TL OPENZ	EUR	15,6900	15,6900	15,3450			15,3450					
Certificate	NL0012613905	BRENT64.03TL OPENH	EUR	15,1300	15,1300	15,1300			15,1300					



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	DE000VL8XIW9	BRENT64.06TL OPENV	EUR	14,6150	14,6150	14,2850			14,2850					
Certificate	DE000CV88194	BRENT64.27TL OPENZ	EUR	14,0200	14,0200	13,6800			13,6800					
Certificate	NL0012613897	BRENT65.05TL OPENH	EUR	14,2700	14,2700	14,2700			14,2700					
Certificate	DE000VL8XIY5	BRENT65.06TL OPENV	EUR	13,7250	13,7250	13,3950			13,3950					
Certificate	NL0012774996	BRENT65.15BL OPENB	EUR	12,7550	12,7550	12,7550			12,7550					
Certificate	NL0012549125	BRENT65.33TS OPENH	EUR											
Certificate	DE000CV88A55	BRENT65.43TL OPENZ	EUR	13,9700	13,9700	13,6250			13,6250					
Certificate	DE000VL9S3Y2	BRENT65.64TL OPENV	EUR	12,8550	12,8550	12,5250			12,5250					
Certificate	NL0012613889	BRENT66.06TL OPENH	EUR	13,4100	13,4100	13,4100			13,4100					
Certificate	NL0012775456	BRENT66.17BL OPENB	EUR	11,8650	11,8650	11,8650			11,8650					
Certificate	DE000CV882U1	BRENT66.25TL OPENZ	EUR	12,3000	12,3000	11,9550			11,9550					
Certificate	NL0012548507	BRENT66.33TS OPENH	EUR											
Certificate	NL0012536635	BRENT66.38TS OPENH	EUR											
Certificate	DE000VL9S3Z9	BRENT66.64TL OPENV	EUR	11,9750	11,9750	11,6350			11,6350					
Certificate	NL0012613871	BRENT67.07TL OPENH	EUR	12,5500	12,5500	12,5500			12,5500					
Certificate	NL0012780860	BRENT67.18BL OPENB	EUR	10,5000	10,9850	10,5000	2499,0000	1	10,9850	238				
Certificate	DE000CV88BW4	BRENT67.46TL OPENZ	EUR	12,2350	12,2350	11,8950			11,8950					
Certificate	DE000VA1GK42	BRENT67.69TL OPENV	EUR	11,1050	11,1050	10,7650			10,7650					
Certificate	NL0012613863	BRENT68.08TL OPENH	EUR	11,7000	11,7000	11,7000			11,7000					
Certificate	NL0012781272	BRENT68.19BL OPENB	EUR	10,1050	10,1050	10,1050			10,1050					
Certificate	DE000CV88BC6	BRENT68.26TL OPENZ	EUR	10,5500	10,5500	10,2000			10,2000					
Certificate	DE000VA1GPY5	BRENT68.71TL OPENV	EUR	10,2150	10,2150	9,1200	91,2000	1	9,8750	10				
Certificate	DE000VA1GP05	BRENT69.71TL OPENV	EUR	9,3450	9,3450	9,0050			9,0050					
Certificate	NL0012613848	BRENT70.11TL OPENH	EUR	9,9800	9,9800	9,9800			9,9800					
Certificate	DE000CV88FA1	BRENT70.28TL OPENZ	EUR	8,7700	8,7700	8,4100			8,4100					
Certificate	DE000VASRJF5	BRENT70.51TL OPENV	EUR	8,4750	8,4750	8,1350			8,1350					
Certificate	LU1817216341	BRENT71.25TCIOPENS	EUR	7,7000	7,7000	7,4700			7,4700					
Certificate	DE000VASRNE0	BRENT71.53TL OPENV	EUR	7,8750	7,8750	7,5350			7,5350					
Certificate	DE000CV88B540	BRENT71.53TL OPENZ	EUR	8,7600	8,7600	8,4100			8,4100					
Certificate	NL0012890784	BRENT71.77TL OPENH	EUR	8,2100	8,5800	8,2100	16710,0000	2	8,5800	2000				
Certificate	NL0012991772	BRENT72.19BL OPENB	EUR	6,6250	6,6250	6,6250			6,6250					
Certificate	DE000CV88B557	BRENT72.27TL OPENZ	EUR	7,0600	7,0600	6,7000			6,7000					
Certificate	DE000VA4YYQ0	BRENT72.43TL OPENV	EUR											
Certificate	DE000VASRNF7	BRENT72.53TL OPENV	EUR	7,0050	7,0050	6,6550			6,6550					
Certificate	NL0012890776	BRENT72.77TL OPENH	EUR	7,6600	7,7300	7,6500	382,5000	1	7,7300	50				
Certificate	NL0012992085	BRENT72.93BL OPENB	EUR	5,9750	5,9750	5,9750			5,9750					
Certificate	DE000VASRNG5	BRENT73.53TL OPENV	EUR	6,1350	6,1350	5,7850			5,7850					
Certificate	DE000CV88B47	BRENT73.53TL OPENZ	EUR	7,0500	7,0500	6,7000			6,7000					
Certificate	NL0012992093	BRENT73.93BL OPENB	EUR	4,7000	5,1050	4,9900	3325,0000	3	5,1050	700				
Certificate	DE000CV88B6J5	BRENT74.27TL OPENZ	EUR	5,3200	5,3200	4,9650			4,9650					
Certificate	DE000VASRNNH3	BRENT74.53TL OPENV	EUR	5,2550	5,2550	4,9095			4,9095					
Certificate	NL0012893283	BRENT74.73TL OPENH	EUR	5,4300	6,0700	5,4300	2516,8000	2	6,0700	440				
Certificate	NL0012994057	BRENT74.94BL OPENB	EUR	4,2250	4,2250	4,2250			4,2250					
Certificate	DE000VA6D377	BRENT75.55TL OPENV	EUR	4,3915	4,3915	4,0465			4,0465					
Certificate	NL0012997118	BRENT75.93BL OPENB	EUR	3,4100	3,4150	2,5850	1099,6600	5	3,3650	344				
Certificate	DE000CJ3NT50	BRENT75.95TL OPENZ	EUR	4,9950	4,9950	4,6450			4,6450					
Certificate	DE000VA6EB81	BRENT76.58TL OPENV	EUR	3,5215	3,5215	3,1755			3,1755					
Certificate	NL0012900005	BRENT76.72TL OPENH	EUR	4,8300	4,8300	3,7000	1521,0000	2	4,3700	350				
Certificate	DE000CJ3NT19	BRENT76.76TL OPENZ	EUR	3,1600	3,1600	2,8050			2,8050					
Certificate	NL0013001654	BRENT76.93BL OPENB	EUR	2,2700	2,5350	1,8000	17870,0000	9	2,4950	7700				
Certificate	DE000VA6EEW7	BRENT77.61TL OPENV	EUR	2,6515	2,6515	2,3045			2,3045					
Certificate	NL0013002025	BRENT77.93BL OPENB	EUR	1,6900	1,8000	0,8900	15549,5000	14	1,6250	12850				
Certificate	DE000CJ3NT68	BRENT78.46TL OPENZ	EUR	2,8550	2,8550	2,4950			2,4950					
Certificate	NL0012905160	BRENT78.62TL OPENH	EUR											
Certificate	DE000VA6T1M6	BRENT78.63TL OPENV	EUR	1,7855	1,7855	1,4405			1,4405					
Certificate	DE000VA6T2Q5	BRENT78.92TL OPENV	EUR	0,9045	0,9045	0,9045			0,9045					
Certificate	NL0013002033	BRENT78.93BL OPENB	EUR	0,9800	0,9800	0,1200	5501,2000	9	0,1550	24700				
Certificate	DE000CV89D10	BRENT79.24TS OPENZ	EUR											
Certificate	NL0012905152	BRENT79.62TL OPENH	EUR											
Certificate	NL0013003502	BRENT79.89BL OPENB	EUR											
Certificate	DE000VA64XH4	BRENT79.92TL OPENV	EUR											
Certificate	DE000VA71W35	BRENT80.01TL OPENV	EUR											
Certificate	DE000CJ3NXG2	BRENT80.96TL OPENZ	EUR											
Certificate	DE000CJ3NZJ1	BRENT81.67TL OPENZ	EUR											
Certificate	NL0012906697	BRENT81.78TL OPENH	EUR											
Certificate	DE000VA64Z98	BRENT81.93TL OPENV	EUR											
Certificate	DE000CJ3PAX0	BRENT82.73TS OPENZ	EUR	3,9050	4,2650	3,9050			4,2650					
Certificate	NL0013081730	BRENT84.77TS OPENH	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	NL0013008048	BRENT84.89BS OPENB	EUR	4,7350	4,7350	4,7350			4,7350					
Certificate	DE000CJ3N302	BRENT85.17TS OPENZ	EUR	4,7900	5,1500	4,7900			5,1500					
Certificate	DE000CJ3N310	BRENT85.23TS OPENZ	EUR	6,1000	6,4600	6,1000			6,4600					
Certificate	DE000VA77AT7	BRENT86.61TS OPENV	EUR	5,7350	6,0850	5,7350			6,0850					



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	NL0012789259	BRENT86.89BS OPENB	EUR	6,7300	7,0600	6,4750	1753,1000	2	6,4750	260				
Certificate	NL0012861322	BRENT87.22TS OPENH	EUR	8,9400	8,9400	8,9400			8,9400					
Certificate	DE000VA7PV59	BRENT87.61TS OPENV	EUR	6,5950	6,9450	6,5950			6,9450					
Certificate	DE000CJ3N021	BRENT87.66TS OPENZ	EUR	6,9500	7,3100	6,9500			7,3100					
Certificate	DE000CV88ZL6	BRENT87.73TS OPENZ	EUR	8,4200	8,7850	8,4200			8,7850					
Certificate	NL0012899991	BRENT88.48TS OPENH	EUR	10,0700	10,0700	10,0700			10,0700					
Certificate	DE000VAGT2M4	BRENT88.65TS OPENV	EUR	7,4450	7,8050	7,4450			7,8050					
Certificate	NL0012791313	BRENT88.89BS OPENB	EUR	8,2150	8,2150	8,2150			8,2150					
Certificate	DE000VAGT2P7	BRENT89.65TS OPENV	EUR	8,3150	8,6750	8,3150			8,6750					
Certificate	DE000CV88QG5	BRENT90.14TS OPENZ	EUR	9,1100	9,4800	9,1100			9,4800					
Certificate	LU1756857584	BRENT90.25TPIOpens	EUR	9,2300	9,4400	9,2300			9,4400					
Certificate	NL0012899983	BRENT90.48TS OPENH	EUR	12,0700	12,6000	11,8600	74320,0000	5	11,8600	6000				
Certificate	DE000VAG4Z49	BRENT90.64TS OPENV	EUR	9,2050	9,5650	9,2050			9,5650					
Certificate	DE000CV88FF0	BRENT90.65TS OPENZ	EUR	11,0100	11,3750	11,0100			11,3750					
Certificate	NL0012997563	BRENT90.88BS OPENB	EUR	9,9450	9,9450	9,9450			9,9450					
Certificate	NL0012613764	BRENT91.07TS OPENH	EUR	12,4000	12,4000	12,4000			12,4000					
Certificate	DE000VAG4Z56	BRENT91.64TS OPENV	EUR	10,0750	10,4350	10,0750			10,4350					
Certificate	NL0012904601	BRENT92.54TS OPENH	EUR	13,7100	13,7100	13,7100			13,7100					
Certificate	DE000VAG4Z64	BRENT92.64TS OPENV	EUR	10,9450	11,3050	10,9450			11,3050					
Certificate	DE000CJ3NVK6	BRENT92.65TS OPENZ	EUR	11,3000	11,6600	11,3000			11,6600					
Certificate	NL0013004310	BRENT92.88BS OPENB	EUR	11,6850	11,6850	11,6850			11,6850					
Certificate	DE000CJ3NXH0	BRENT93.15TS OPENZ	EUR	13,0900	13,4600	13,0900			13,4600					
Certificate	DE000VAG4Z72	BRENT93.64TS OPENV	EUR	11,8150	12,1750	11,8150			12,1750					
Certificate	DE000CV88BV6	BRENT93.12TS OPENZ	EUR	13,4500	13,8200	13,4500			13,8200					
Certificate	DE000CV88ZM4	BRENT95.57TS OPENZ	EUR	15,3750	15,7550	15,3750			15,7550					
Certificate	DE000VAPU27	BRENT95.61TS OPENV	EUR	13,5350	13,8950	13,5350			13,8950					
Certificate	NL0012557870	BRENT96.33TS OPENH	EUR	17,1100	17,1100	17,1100			17,1100					
Certificate	DE000CE6E945	BRUNL 10.9TL OPENZ	EUR	0,1800	0,1800	0,1600	90,0000	1	0,1600	500				
Certificate	DE000CV8AYA3	BRUNL 14.9TS OPENZ	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	DE000CE6F126	BRUNL 16.8TS OPENZ	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	DE000CJ3NM24	BRUNL 7.73TL OPENZ	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	DE000CE6D4L2	BRUNL 8.73TL OPENZ	EUR	0,3300	0,3300	0,3300	330,0000	1	0,3300	1000				
Certificate	DE000CV8AY90	BRUNL 8.79TL OPENZ	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	NL0013007180	BRUNL 9.01TL OPENB	EUR	0,7400	0,7400	0,7200			0,7200					
Certificate	DE000CE6EAA0	BRUNL 9.85TL OPENZ	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	NL0012999213	BRUNL10.02TL OPENB	EUR	0,5500	0,5500	0,5400			0,5400					
Certificate	DE000CR9RQ80	BRUNL10.75TL OPENZ	EUR	0,1300	0,1300	0,1300			0,1300					
Certificate	NL0012999221	BRUNL11.02TL OPENB	EUR	0,3600	0,3600	0,3500			0,3500					
Certificate	DE000CE6ENL0	BRUNL11.73TL OPENZ	EUR											
Certificate	NL0013010036	BRUNL11.99TS OPENB	EUR											
Certificate	DE000CJ3N2U7	BRUNL13.06TS OPENZ	EUR	0,1200	0,1200	0,1200			0,1200					
Certificate	DE000CJ3NN49	BRUNL13.47TS OPENZ	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	NL0012999247	BRUNL13.97TS OPENB	EUR	0,6100	0,6200	0,6100			0,6200					
Certificate	DE000CV8AXH0	BRUNL14.56TS OPENZ	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	NL0012999254	BRUNL14.97TS OPENB	EUR	0,8300	0,8400	0,8300			0,8400					
Certificate	DE000CD62RS1	BRUNL16.55TS OPENZ	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	DE000CN6KQP0	BRUNL18.53TS OPENZ	EUR											
Certificate	DE000CV4ZNL9	BRUNL18.69TS OPENZ	EUR											
Certificate	DE000CV87X00	BRUNL20.53TS OPENZ	EUR											
Certificate	DE000CE6EF97	BRUNL5.518TL OPENZ	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	DE000CV8AXG2	BRUNL6.666TL OPENZ	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	DE000CE6D657	BRUNL7.678TL OPENZ	EUR	0,4600	0,4600	0,4300	920,0000	1	0,4300	2000				
Certificate	DE000CE6D4K4	BRUNL9.743TL OPENZ	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	NL0012239362	BSANT 6.1TS OPENH	EUR	2,6200	2,6800	2,6200			2,6800					
Certificate	NL0010114740	BSANT 1.71TL OPENB	EUR	2,5950	2,5950	2,5950			2,5950					
Certificate	NL0011971635	BSANT 3.16TL OPENH	EUR	1,3600	1,3600	1,3100			1,3100					
Certificate	NL0011971817	BSANT 3.37TL OPENH	EUR	1,1700	1,1700	1,1200			1,1200					
Certificate	NL0011989397	BSANT 3.47TL OPENH	EUR	1,0800	1,0800	1,0300			1,0300					
Certificate	NL0012025563	BSANT 3.78TL OPENB	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	NL0012049340	BSANT 4.06TL OPENH	EUR	0,5300	0,5300	0,4800			0,4800					
Certificate	NL0012907174	BSANT 4.56TS OPENH	EUR	0,8700	0,9200	0,8700			0,9200					
Certificate	NL0012889141	BSANT 4.62TS OPENH	EUR	0,9400	0,9900	0,9400			0,9900					
Certificate	NL0012793442	BSANT 4.99TS OPENB	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	NL0012862577	BSANT 5.17TS OPENH	EUR	1,5400	1,6000	1,5400			1,6000					
Certificate	NL0012890834	BSANT 5.22TS OPENH	EUR	1,6000	1,6600	1,6000			1,6600					
Certificate	NL0012596258	BSANT 5.52TS OPENH	EUR	1,9400	1,9900	1,9400			1,9900					
Certificate	NL0012683221	BSANT 5.77TS OPENB	EUR	2,0350	2,0350	2,0350			2,0350					
Certificate	NL0012369268	BSANT 5.96TS OPENH	EUR	2,4300	2,4800	2,4300			2,4800					
Certificate	NL0012203087	BSANT 6.23TS OPENH	EUR	2,7700	2,8300	2,7700			2,8300					
Certificate	DE000CV8AWC3	BSANT2.872TL OPENZ	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	DE000CD62JF5	BSANT3.373TL OPENZ	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	DE000CD63CA9	BSANT3.874TL OPENZ	EUR	0,2800	0,2800	0,2800			0,2800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV885W0	BSGR 10.2TL OPENZ	EUR	7,2300	7,2300	7,2300			7,2300					
Certificate	DE000CV885X8	BSGR 11.24TL OPENZ	EUR	6,2300	6,2300	6,2300			6,2300					
Certificate	DE000CV885Y6	BSGR 12.29TL OPENZ	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	DE000CJ3NU40	BSLN 37.06TL OPENZ	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	DE000CV880K6	BSLN 43.45TL OPENZ	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000CJ3NLX2	BSLN 48.83TL OPENZ	EUR											
Certificate	DE000CV88W75	BT 1.37TL OPENZ	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	DE000CV87ZB9	BT 1.577TL OPENZ	EUR	0,9950	0,9950	0,9950			0,9950					
Certificate	DE000CV42UX9	BT 1.778TL OPENZ	EUR	0,7700	0,7700	0,7650	962,5000	1	0,7650	1250				
Certificate	DE000CV89RV0	BT 1.981TL OPENZ	EUR	0,5350	0,5350	0,5350			0,5350					
Certificate	DE000CJ3N2E1	BT 2.232TL OPENZ	EUR	0,2550	0,2550	0,2550			0,2550					
Certificate	DE000CV89887	BTP 129.TS OPENZ	EUR	11,8700	13,1450	11,8700			13,1450					
Certificate	DE000CV89879	BTP 106.1TL OPENZ	EUR	16,4900	16,4900	15,2150			15,2150					
Certificate	DE000CE6CAM9	BTP 111.2TL OPENZ	EUR	11,4200	11,4200	10,1450			10,1450					
Certificate	DE000CV89DX6	BTP 116.4TL OPENZ	EUR	6,4200	6,4200	5,1350			5,1350					
Certificate	DE000CJ3N013	BTP 123.3TS OPENZ	EUR	5,9000	7,1700	5,9000			7,1700					
Certificate	DE000CV894H3	BTP 133.8TS OPENZ	EUR	16,8000	18,0750	16,8000			18,0750					
Certificate	DE000CV508M9	BTP 138.6TS OPENZ	EUR	21,7300	23,0050	21,7300			23,0050					
Certificate	DE000CV508N7	BTP 143.4TS OPENZ	EUR	26,6300	27,9050	26,6300			27,9050					
Certificate	DE000CV882T3	BTP 148.3TS OPENZ	EUR	31,5900	32,8650	31,5900			32,8650					
Certificate	NL0012608038	BUND 135TL OPENH	EUR	27,3600	27,3600	27,3600			27,3600					
Certificate	NL0012312821	BUND 141TL OPENH	EUR	21,5000	21,5000	21,5000			21,5000					
Certificate	NL0012918684	BUND 156TL OPENH	EUR	6,7500	6,7500	6,7500			6,7500					
Certificate	NL0012920888	BUND 157TL OPENH	EUR	5,8100	5,8100	5,8100			5,8100					
Certificate	NL0012310320	BUND 162TS OPENH	EUR	5,5900	5,5900	5,4700	279,5000	1	5,4700	50				
Certificate	NL0012310312	BUND 163TS OPENH	EUR	6,4800	6,4800	6,4800			6,4800					
Certificate	DE000CR4J7E8	BUND 126.TL OPENZ	EUR	32,9800	33,7900	32,9800			33,7900					
Certificate	DE000CV42V15	BUND 154.TL OPENZ	EUR	5,0200	5,8450	5,0200			5,8450					
Certificate	NL0012372585	BUND 93.9TL OPENH	EUR	67,6900	67,6900	67,6900			67,6900					
Certificate	NL0012565220	BUND 105.8TL OPENH	EUR	56,0200	56,0200	56,0200			56,0200					
Certificate	NL0012312888	BUND 111.4TL OPENH	EUR	50,5500	50,5500	50,5500			50,5500					
Certificate	DE000CR9Q732	BUND 117.3TL OPENZ	EUR	41,6700	42,4800	41,6700			42,4800					
Certificate	NL0012312870	BUND 119.6TL OPENH	EUR	42,5100	42,5100	42,5100			42,5100					
Certificate	NL0012312862	BUND 124.1TL OPENH	EUR	38,1000	38,1000	38,1000			38,1000					
Certificate	NL0010126934	BUND 128.4TL OPENB	EUR	33,8500	33,8500	33,8500			33,8500					
Certificate	NL0012312854	BUND 128.5TL OPENH	EUR	33,7300	33,7300	33,7300			33,7300					
Certificate	DE000CR9R2P0	BUND 130.5TL OPENZ	EUR	28,5200	29,3350	28,5200			29,3350					
Certificate	NL0012312847	BUND 132.7TL OPENH	EUR	29,6400	29,6400	29,6400			29,6400					
Certificate	NL0012372577	BUND 133.8TL OPENH	EUR	28,5200	28,5200	28,5200			28,5200					
Certificate	DE000CR9Q740	BUND 134.7TL OPENZ	EUR	24,2700	25,0800	24,2700			25,0800					
Certificate	NL0012372569	BUND 135.8TL OPENH	EUR	26,5500	26,5500	26,5500			26,5500					
Certificate	NL0012312839	BUND 137.2TL OPENH	EUR	25,1800	25,1800	25,1800			25,1800					
Certificate	NL0010659975	BUND 138.2TL OPENB	EUR	24,2100	24,2100	24,2100			24,2100					
Certificate	NL0012372551	BUND 138.9TL OPENH	EUR	23,5700	23,5700	23,5700			23,5700					
Certificate	DE000CR9Q757	BUND 139.1TL OPENZ	EUR	19,9200	20,7300	19,9200			20,7300					
Certificate	NL0012536577	BUND 139.9TL OPENH	EUR	22,5100	22,5100	22,5100			22,5100					
Certificate	NL0012312813	BUND 142.2TL OPENH	EUR	20,2600	20,2600	20,2600			20,2600					
Certificate	NL0012312805	BUND 143.2TL OPENH	EUR	19,2800	19,2800	19,2800			19,2800					
Certificate	DE000CR9R2M7	BUND 143.5TL OPENZ	EUR	15,4700	16,2900	15,4700			16,2900					
Certificate	NL0012312797	BUND 144.6TL OPENH	EUR	17,9800	17,9800	17,9800			17,9800					
Certificate	NL0012312789	BUND 145.8TL OPENH	EUR	16,8000	16,8000	16,8000			16,8000					
Certificate	NL0012312771	BUND 146.7TL OPENH	EUR	15,8900	15,8900	15,8900			15,8900					
Certificate	DE000CR9R2N5	BUND 147.9TL OPENZ	EUR	11,1300	11,9450	11,1300			11,9450					
Certificate	NL0012372544	BUND 148.2TL OPENH	EUR	14,4000	14,4000	14,4000			14,4000					
Certificate	NL0012372536	BUND 149.2TL OPENH	EUR	13,4200	13,4200	13,4200			13,4200					
Certificate	NL0012372528	BUND 150.2TL OPENH	EUR	12,4300	12,4300	12,4300			12,4300					
Certificate	DE000CN6HR18	BUND 151.4TL OPENZ	EUR	7,5800	8,3900	7,5800			8,3900					
Certificate	NL0012310353	BUND 151.7TL OPENH	EUR	10,9500	10,9500	10,9500			10,9500					
Certificate	NL0012583553	BUND 152.3TL OPENH	EUR	10,3800	10,3800	10,3800			10,3800					
Certificate	NL0012310346	BUND 153.7TL OPENH	EUR	8,9700	8,9700	8,9700			8,9700					
Certificate	NL0012600399	BUND 155.1TL OPENH	EUR	7,6700	7,6700	7,6700			7,6700					
Certificate	NL0011895438	BUND 161.2TS OPENH	EUR	4,5000	4,5300	3,7700	5880,0000	2	3,7700	1300				
Certificate	DE000CN6KTK5	BUND 162.2TS OPENZ	EUR	3,3500	3,3500	2,4300	1827,7500	3	2,5250	625				
Certificate	NL0012372510	BUND 164.5TS OPENH	EUR	8,3000	8,3000	8,0000	415,0000	1	8,0000	50				
Certificate	NL0011895420	BUND 165.8TS OPENH	EUR	8,5500	8,5500	8,5500			8,5500					
Certificate	DE000CD61AE9	BUND 165.9TS OPENZ	EUR	7,0900	7,1000	6,2300	3955,0000	3	6,2600	600				
Certificate	NL0012372502	BUND 167.4TS OPENH	EUR	11,1500	11,1500	11,0000	11140,0000	2	11,0000	1000				
Certificate	NL0012372494	BUND 168.4TS OPENH	EUR	11,9700	11,9700	11,9700			11,9700					
Certificate	NL0012372486	BUND 169.3TS OPENH	EUR	12,9500	12,9500	12,9500			12,9500					
Certificate	DE000CE6C618	BUND 169.8TS OPENZ	EUR	10,9500	10,9500	10,1300			10,1300					
Certificate	NL0011895412	BUND 170.6TS OPENH	EUR	13,4100	13,4100	13,4100			13,4100					
Certificate	NL0012523880	BUND 171.3TS OPENH	EUR	14,9700	14,9700	14,9700			14,9700					



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	NL0012586572	BUND 172.3TS OPENH	EUR	15,9800	15,9800	15,9800			15,9800					
Certificate	NL0012372478	BUND 173.2TS OPENH	EUR	16,9100	16,9100	16,9100			16,9100					
Certificate	DE000CE6C626	BUND 173.6TS OPENZ	EUR	14,7700	14,7700	13,9500								
Certificate	NL0012374185	BUND 174.1TS OPENH	EUR	17,8200	17,8200	17,8200								
Certificate	NL0012431589	BUND 175.2TS OPENH	EUR	18,9100	18,9100	18,9100								
Certificate	NL0011895404	BUND 175.4TS OPENH	EUR	18,2900	18,2900	18,2900								
Certificate	NL0012439632	BUND 176.9TS OPENH	EUR	20,6600	20,6600	20,6600								
Certificate	DE000CE6C634	BUND 177.4TS OPENZ	EUR	18,5900	18,5900	17,7700								
Certificate	NL0012537526	BUND 177.9TS OPENH	EUR	21,6700	21,6700	21,6700								
Certificate	NL0012846646	BUND 178.8TS OPENH	EUR	22,6400	22,6400	22,6400								
Certificate	NL0012548069	BUND 179.9TS OPENH	EUR	23,7800	23,7800	23,7800								
Certificate	NL0011895396	BUND 180.2TS OPENH	EUR	23,1000	23,1000	23,1000								
Certificate	DE000CE6CE17	BUND 181.2TS OPENZ	EUR	22,4200	22,4200	21,5900								
Certificate	NL0012905129	BUND 181.5TS OPENH	EUR	25,3800	25,3800	25,3800								
Certificate	NL0012894240	BUND 182.3TS OPENH	EUR	26,2200	26,2200	26,2200								
Certificate	DE000CV4Z1J2	BUND 185.1TS OPENZ	EUR	26,3000	26,3000	25,4700								
Certificate	NL0012372460	BUND 186.9TS OPENH	EUR	30,8800	30,8800	30,8800								
Certificate	NL0012372452	BUND 191.8TS OPENH	EUR	35,8200	35,8200	35,8200								
Certificate	NL0012372445	BUND 196.7TS OPENH	EUR	40,8400	40,8400	40,8400								
Certificate	NL0012372437	BUND 201.6TS OPENH	EUR	45,8800	45,8800	45,8800								
Certificate	NL0012372429	BUND 206.5TS OPENH	EUR	50,8300	50,8300	50,8300								
Certificate	NL0012372411	BUND 216.2TS OPENH	EUR	60,7700	60,7700	60,7700								
Certificate	NL0012372403	BUND 225.9TS OPENH	EUR	70,6800	70,6800	70,6800								
Certificate	NL0012920144	BUND 235.7TS OPENH	EUR	80,6600	80,6600	80,6600								
Certificate	NL0010766762	BUXL 140.3TL OPENB	EUR	39,0100	39,0100	39,0100								
Certificate	NL0010733796	BVLGA STN0920V	EUR											
Certificate	NL0010872032	BVLGA STN0121V	USD											
Certificate	NL0010872040	BVLAR STN0121V	USD											
Certificate	DE000CJ3N1M6	BYDC 36TL OPENZ	EUR	1,7150	1,7150	1,7150				1,7150				
Certificate	DE000CJ3NWE9	BYDC 42TL OPENZ	EUR	1,0850	1,0850	1,0850				1,0850				
Certificate	DE000CJ3NWF6	BYDC 49TL OPENZ	EUR											
Certificate	FR0013123478	CA15S SHROPENS	EUR											
Certificate	DE000CV88582	CABK 2.642TL OPENZ	EUR	1,0100	1,0100	1,0100				1,0100				
Certificate	DE000CV4YY21	CABK 3.138TL OPENZ	EUR	0,5200	0,5200	0,5200				0,5200				
Certificate	DE000CV89UU6	CABK 3.634TL OPENZ	EUR											
Certificate	NL0009066752	CAC40 350TL OPENB	EUR	47,6500	47,6500	47,6500				47,6500				
Certificate	NL0006471948	CAC40 1290TL OPENB	EUR	38,3900	38,3900	38,3900				38,3900				
Certificate	NL0009070994	CAC40 1860TL OPENB	EUR	32,7800	32,7800	32,7800				32,7800				
Certificate	NL0010129862	CAC40 2570TL OPENB	EUR	25,8400	25,8400	25,8400				25,8400				
Certificate	DE000CT9E629	CAC40 2625TL OPENC	EUR	29,0500	29,0500	29,0500				29,0500				
Certificate	NL0011416797	CAC40 2795TRLOPENH	EUR	23,0600	23,0600	23,0600				23,0600				
Certificate	NL0012849038	CAC40 2830TL OPENH	EUR	23,2800	23,2800	23,2800				23,2800				
Certificate	NL0010251922	CAC40 2850TL OPENB	EUR	23,0600	23,0600	23,0600				23,0600				
Certificate	NL0010252144	CAC40 2910TL OPENB	EUR	22,5100	22,5100	22,5100				22,5100				
Certificate	NL0011416789	CAC40 3011TRLOPENH	EUR	20,9100	20,9100	20,9100				20,9100				
Certificate	NL0010441374	CAC40 3200TL OPENB	EUR	20,0900	20,1850	19,6500	20135,0000	4		19,6500	1000			
Certificate	DE000C22EVN3	CAC40 3376TL OPENZ	EUR	17,3400	17,3400	17,3400				17,3400				
Certificate	NL0011053822	CAC40 3429TRLOPENH	EUR	16,7300	16,7300	16,7300				16,7300				
Certificate	NL0010891594	CAC40 3430TL OPENB	EUR	17,4400	17,4400	17,4400				17,4400				
Certificate	NL0011035589	CAC40 3510TL OPENH	EUR	16,6800	16,6800	16,6800				16,6800				
Certificate	DE000CN6IQ58	CAC40 3525TL OPENZ	EUR	15,8600	15,8600	15,8600				15,8600				
Certificate	NL0012861108	CAC40 3560TL OPENH	EUR	16,1800	16,1800	16,1800				16,1800				
Certificate	NL0011648423	CAC40 3590TL OPENB	EUR	15,8100	15,8100	15,8100				15,8100				
Certificate	DE000CN6J40	CAC40 3629TL OPENZ	EUR	14,8100	14,8100	14,8100				14,8100				
Certificate	NL0011037791	CAC40 3652TRLOPENH	EUR	14,4900	14,4900	14,4900				14,4900				
Certificate	DE000CX01JU0	CAC40 3700TL OPENC	EUR	16,5100	16,5100	16,5100				16,5100				
Certificate	DE000CZ79PB8	CAC40 3733TL OPENZ	EUR	13,7700	13,7700	13,7700				13,7700				
Certificate	DE000CW3AMZ5	CAC40 3800TL OPENC	EUR	15,9800	15,9800	15,9800				15,9800				
Certificate	DE000CX0JXV7	CAC40 3800TL OPENC	EUR	16,4300	16,4300	16,4300				16,4300				
Certificate	DE000CN6HJX5	CAC40 3859TL OPENZ	EUR	12,5200	12,5200	12,5200				12,5200				
Certificate	DE000CX008G0	CAC40 3900TL OPENC	EUR	14,9800	14,9800	14,9800				14,9800				
Certificate	DE000CX59NM7	CAC40 3900TL OPENC	EUR	14,0700	14,0700	14,0700				14,0700				
Certificate	NL0011891742	CAC40 3943TRLOPENH	EUR	11,5900	11,5900	11,5900				11,5900				
Certificate	DE000CN6JSQ6	CAC40 3962TL OPENZ	EUR	11,4900	11,4900	11,4900				11,4900				
Certificate	DE000CX01YU9	CAC40 4000TL OPENC	EUR	13,0000	13,0000	13,0000				13,0000				
Certificate	DE000CX00855	CAC40 4000TL OPENC	EUR	14,3900	14,3900	14,3900				14,3900				
Certificate	DE000CD61TX9	CAC40 4064TL OPENZ	EUR	10,4700	10,4700	10,4700				10,4700				
Certificate	NL0011908231	CAC40 4080TL OPENB	EUR	11,0700	11,0700	11,0700				11,0700				
Certificate	DE000CX0KWN4	CAC40 4100TL OPENC	EUR	11,9700	11,9700	11,9700				11,9700				
Certificate	NL0011927447	CAC40 4100TL OPENH	EUR	10,8300	10,8300	10,8300				10,8300				
Certificate	NL0011972328	CAC40 4139TRLOPENH	EUR	9,6300	9,6300	9,6300				9,6300				
Certificate	DE000CD62650	CAC40 4166TL OPENZ	EUR	9,4600	9,4600	9,4600				9,4600				



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	DE000CX01JV8	CAC40 4200TL OPENC	EUR											
Certificate	DE000CX0KXF8	CAC40 4200TL OPENC	EUR	10,9500	10,9500	10,9500			10,9500					
Certificate	DE000CX59BU5	CAC40 4200TL OPENC	EUR	11,4100	11,4100	11,4100			11,4100					
Certificate	LU1841028381	CAC40 4216TCIOPENS	EUR	8,9400	8,9400	8,9400			8,9400					
Certificate	NL0012098008	CAC40 4230TL OPENH	EUR	9,6000	9,6000	9,6000			9,6000					
Certificate	DE000CD62668	CAC40 4268TL OPENZ	EUR	8,4400	8,4400	8,4400			8,4400					
Certificate	DE000CX598L0	CAC40 4300TL OPENC	EUR	9,9800	9,9800	9,9800			9,9800					
Certificate	NL0012097992	CAC40 4330TL OPENH	EUR	8,6100	8,6100	8,6100			8,6100					
Certificate	NL0012906036	CAC40 4348TRLOPENH	EUR	7,5500	7,5500	7,5500			7,5500					
Certificate	NL0012038160	CAC40 4350TL OPENB	EUR	8,3700	8,3700	8,3700			8,3700					
Certificate	NL0012037147	CAC40 4362BL OPENB	EUR	7,6600	7,6600	7,6600			7,6600					
Certificate	DE000CD63JY4	CAC40 4369TL OPENZ	EUR	7,4300	7,4300	7,4300			7,4300					
Certificate	DE000CX59LS8	CAC40 4400TL OPENC	EUR	8,9700	8,9700	8,9700			8,9700					
Certificate	DE000CX59RM8	CAC40 4400TL OPENC	EUR	9,4000	9,4000	9,4000			9,4000					
Certificate	LU1841028464	CAC40 4427TCIOPENS	EUR	6,8300	6,8300	6,8300			6,8300					
Certificate	NL0012097968	CAC40 4430TL OPENH	EUR	7,6000	7,6000	7,6000			7,6000					
Certificate	NL0013008063	CAC40 4434BL OPENB	EUR	6,9200	6,9200	6,9200			6,9200					
Certificate	DE000CD63XM0	CAC40 4470TL OPENZ	EUR	6,4300	6,4300	6,4300			6,4300					
Certificate	DE000CX59UL4	CAC40 4500TL OPENC	EUR	7,9300	7,9300	7,9300			7,9300					
Certificate	DE000CP06859	CAC40 4500TL OPENC	EUR	6,5800	6,5800	6,5800			6,5800					
Certificate	DE000CQ5ALV9	CAC40 4500TL OPENC	EUR	7,5400	7,5400	7,5400			7,5400					
Certificate	DE000CY52806	CAC40 4500TL OPENC	EUR	7,5500	7,5500	7,5500			7,5500					
Certificate	DE000CY50MF0	CAC40 4500TL OPENC	EUR	7,4700	7,4700	7,4700			7,4700					
Certificate	DE000CQ5A9R6	CAC40 4500TL OPENC	EUR	7,5800	7,5800	7,5800			7,5800					
Certificate	DE000CY50T71	CAC40 4500TL OPENC	EUR	7,5000	7,5000	7,5000			7,5000					
Certificate	DE000CY508S3	CAC40 4500TL OPENC	EUR	7,4700	7,4700	7,4700			7,4700					
Certificate	NL0012098776	CAC40 4510TL OPENB	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	NL0012097000	CAC40 4529TRLOPENH	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	NL0013008071	CAC40 4534BL OPENB	EUR	5,9200	5,9200	5,9200			5,9200					
Certificate	DE000CD63YE5	CAC40 4570TL OPENZ	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	DE000CY51NA7	CAC40 4600TL OPENC	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	DE000CX59Z26	CAC40 4600TL OPENC	EUR	7,3600	7,3600	7,3600			7,3600					
Certificate	DE000CX59Y43	CAC40 4600TL OPENC	EUR	6,9200	6,9200	6,9200			6,9200					
Certificate	NL0012572119	CAC40 4600TL OPENH	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	LU1840976564	CAC40 4627TCIOPENS	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	NL0013082837	CAC40 4631TRLOPENH	EUR	4,7100	4,7100	4,7100			4,7100					
Certificate	NL0013008089	CAC40 4634BL OPENB	EUR	4,9100	4,9100	4,9100			4,9100					
Certificate	NL0012114896	CAC40 4650TL OPENB	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	NL0013082258	CAC40 4664TRLOPENH	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	DE000CD643G8	CAC40 4671TL OPENZ	EUR	4,4300	4,4300	4,4300			4,4300					
Certificate	NL0012197180	CAC40 4680TL OPENH	EUR	5,2100	5,2100	5,2100			5,2100					
Certificate	NL0012175988	CAC40 4685TRLOPENH	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	DE000CY0AL30	CAC40 4700TL OPENC	EUR	5,9000	5,9000	5,9000			5,9000					
Certificate	DE000CQ5AXD2	CAC40 4700TL OPENC	EUR	4,7800	4,7800	4,7800			4,7800					
Certificate	LU1840976648	CAC40 4713TCIOPENS	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	NL0013080831	CAC40 4715TRLOPENH	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	NL0013080897	CAC40 4734BL OPENB	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	NL0013081391	CAC40 4740TL OPENH	EUR	4,5500	4,5500	4,5500			4,5500					
Certificate	NL0013080823	CAC40 4755TRLOPENH	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	DE000VL9VUA4	CAC40 4757TL OPENV	EUR	4,3110	4,3110	4,3110			4,3110					
Certificate	NL0012120356	CAC40 4770TL OPENB	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	DE000CE6BTX8	CAC40 4771TL OPENZ	EUR	4,1700	4,1700	3,4400	300,2400	1	3,4400		72			
Certificate	DE000VL9VUB2	CAC40 4782TL OPENV	EUR	4,6970	4,6980	4,0590	5896,9000	3	4,0590		1300			
Certificate	NL0012200711	CAC40 4799TRLOPENH	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	DE000CY168D9	CAC40 4800TL OPENC	EUR	4,9400	4,9400	4,9400			4,9400					
Certificate	DE000CQ5AXR2	CAC40 4800TL OPENC	EUR	4,2000	4,2000	4,2000			4,2000					
Certificate	DE000CY16CR7	CAC40 4800TL OPENC	EUR	5,3600	5,3600	5,3600			5,3600					
Certificate	DE000VL9VUC0	CAC40 4807TL OPENV	EUR	3,8060	3,8060	3,8060			3,8060					
Certificate	NL001289819	CAC40 4810TL OPENH	EUR	3,8800	3,8800	3,8800			3,8800					
Certificate	LU1840976721	CAC40 4820TCIOPENS	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	NL0013078447	CAC40 4834TRLOPENH	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	NL0012687081	CAC40 4835BL OPENB	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	NL0013084106	CAC40 4860TL OPENH	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	NL0012208136	CAC40 4869TRLOPENH	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	DE000CE6C056	CAC40 4871TL OPENZ	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000VN66N04	CAC40 4887TL OPENV	EUR	3,3220	3,3220	3,3220			3,3220					
Certificate	NL0013082829	CAC40 4891TRLOPENH	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	DE000CY16GH9	CAC40 4900TL OPENC	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	NL0012213326	CAC40 4900TL OPENH	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	DE000VL61TF9	CAC40 4902TL OPENV	EUR	2,7990	2,7990	2,7990			2,7990					
Certificate	NL0012898720	CAC40 4914TRLOPENH	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	NL0012901615	CAC40 4920TL OPENH	EUR	2,8200	2,8200	2,8200			2,8200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000V176G11	CAC40 4954TL OPENV	EUR	2,2940	2,2940	2,2940			2,2940					
Certificate	NL0013084098	CAC40 4960TL OPENH	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0012907331	CAC40 4960TRLOPENH	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	DE000CE6CGP9	CAC40 4973TL OPENZ	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	DE000V19VUD8	CAC40 4982TL OPENV	EUR	2,0410	2,0410	2,0410			2,0410					
Certificate	NL0012779318	CAC40 4987BL OPENB	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	NL0012779607	CAC40 5000TL OPENB	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	DE000CV51B47	CAC40 5000TL OPENC	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	DE000CV16RN4	CAC40 5000TL OPENC	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	DE000CV51719	CAC40 5000TL OPENC	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	NL0012600738	CAC40 5000TL OPENH	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	NL0012904791	CAC40 5000TRLOPENH	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	NL0013079718	CAC40 5026TRLOPENH	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000VA1GJ94	CAC40 5033TL OPENV	EUR	1,5410	1,5410	1,5410			1,5410					
Certificate	DE000VN66NH3	CAC40 5036TL OPENV	EUR	2,7540	2,7540	2,7540			2,7540					
Certificate	DE000VN66N61	CAC40 5037TL OPENV	EUR	1,7860	1,7860	1,7860			1,7860					
Certificate	NL0012603294	CAC40 5044TRLOPENH	EUR	1,2200	1,2600	0,6800	3236,2500	6	0,6800	2850				
Certificate	LU1719637701	CAC40 5049TCIOPENS	EUR	1,5600	1,5600	1,5600			1,5600					
Certificate	NL0012899272	CAC40 5050TL OPENH	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	DE000VA1GKA6	CAC40 5058TL OPENV	EUR	1,2960	1,2960	1,2960			1,2960					
Certificate	NL0012922710	CAC40 5062TRLOPENH	EUR											
Certificate	DE000CV888A0	CAC40 5071TL OPENZ	EUR											
Certificate	NL0012905673	CAC40 5078TRLOPENH	EUR											
Certificate	DE000VA71XQ0	CAC40 5080TL OPENV	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	DE000VA1GKC2	CAC40 5083TL OPENV	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	NL0012899256	CAC40 5090TL OPENH	EUR											
Certificate	NL0012781066	CAC40 5100TL OPENB	EUR											
Certificate	DE000CQ5AJK6	CAC40 5100TL OPENC	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	NL0013084908	CAC40 5100TL OPENH	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	DE000VA1GKE8	CAC40 5108TL OPENV	EUR	0,8040	0,8040	0,8040			0,8040					
Certificate	NL0012850283	CAC40 5111TRLOPENH	EUR											
Certificate	NL0012605091	CAC40 5121TRLOPENH	EUR											
Certificate	LU1719707173	CAC40 5123TCIOPENS	EUR	1,2900	1,2900	0,8500	387,0000	1	0,8500	300				
Certificate	NL0012899231	CAC40 5130TL OPENH	EUR											
Certificate	DE000VA1GKF5	CAC40 5133TL OPENV	EUR	0,5570	0,5570	0,5570			0,5570					
Certificate	NL0012606271	CAC40 5146TRLOPENH	EUR											
Certificate	DE000VA1GKG3	CAC40 5158TL OPENV	EUR											
Certificate	NL0012604557	CAC40 5160TL OPENH	EUR											
Certificate	LU1841026765	CAC40 5160TPIOPIENS	EUR											
Certificate	NL0012850275	CAC40 5161TRLOPENH	EUR											
Certificate	DE000CV88EA4	CAC40 5169TL OPENZ	EUR											
Certificate	NL0012861017	CAC40 5170TL OPENH	EUR											
Certificate	NL0013011604	CAC40 5180TS OPENB	EUR											
Certificate	NL0012848873	CAC40 5190TL OPENH	EUR											
Certificate	DE000VA71TQ8	CAC40 5193TS OPENV	EUR											
Certificate	DE000CQ5AQ93	CAC40 5200TL OPENC	EUR											
Certificate	DE000CQ5ATV2	CAC40 5200TL OPENC	EUR											
Certificate	DE000CQ5BEU4	CAC40 5200TL OPENC	EUR											
Certificate	NL0012606297	CAC40 5200TL OPENH	EUR											
Certificate	NL0012917579	CAC40 5200TRLOPENH	EUR											
Certificate	DE000CP06YE8	CAC40 5200TS OPENC	EUR											
Certificate	DE000CP07BN5	CAC40 5200TS OPENC	EUR											
Certificate	NL0013081383	CAC40 5200TS OPENH	EUR											
Certificate	NL0013082811	CAC40 5210TRSOPIENH	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	DE000CJ3N989	CAC40 5210TS OPENZ	EUR											
Certificate	DE000VA71TR6	CAC40 5218TS OPENV	EUR											
Certificate	NL0013082803	CAC40 5240TRSOPIENH	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	DE000VA71TS4	CAC40 5243TS OPENV	EUR											
Certificate	LU1840974353	CAC40 5244TPIOPIENS	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	NL0013081375	CAC40 5250TS OPENH	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	NL0013080815	CAC40 5260TRSOPIENH	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	DE000VA7TH72	CAC40 5268TS OPENV	EUR	1,7350	1,7350	1,7350			1,7350					
Certificate	NL0013011273	CAC40 5278BS OPENB	EUR	1,6700	2,1200	1,4650	164808,0000	11	2,0400	86800				
Certificate	NL0013009400	CAC40 5280TS OPENB	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	NL0013080807	CAC40 5290TRSOPIENH	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	DE000VA7THV8	CAC40 5293TS OPENV	EUR	1,9840	1,9840	1,9840			1,9840					
Certificate	DE000CP06V65	CAC40 5300TS OPENC	EUR	1,4600	2,0800	1,4600	2488,0000	2	2,0800	1600				
Certificate	LU1840974437	CAC40 5302TPIOPIENS	EUR	2,1700	2,1700	2,1700			2,1700					
Certificate	DE000CJ3N4A5	CAC40 5309TS OPENZ	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	DE000VA7THW6	CAC40 5318TS OPENV	EUR	2,2340	2,2340	2,2340			2,2340					
Certificate	NL0013080799	CAC40 5320TRSOPIENH	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	NL0013081367	CAC40 5320TS OPENH	EUR	3,2400	3,2400	3,2400			3,2400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA1SSN7	CAC40 5324TL OPENV	EUR											
Certificate	DE000VA71LX1	CAC40 5343TS OPENV	EUR	2,4840	2,4840	2,4840			2,4840					
Certificate	NL0013080781	CAC40 5350TRSOPENH	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	DE000VA71LY9	CAC40 5368TS OPENV	EUR	2,7340	2,7340	2,7340			2,7340					
Certificate	NL0013008444	CAC40 5378BS OPENB	EUR	2,4000	3,0400	2,3950	14540,0000	3	3,0400	5400				
Certificate	NL0012914469	CAC40 5380TL OPENH	EUR											
Certificate	NL0013080773	CAC40 5380TRSOPENH	EUR	2,8300	2,8300	2,8300			2,8300					
Certificate	NL0013007792	CAC40 5380TS OPENB	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	NL0012909923	CAC40 5390TL OPENH	EUR											
Certificate	NL0012915821	CAC40 5392TRLOPENH	EUR											
Certificate	DE000VA7TEU7	CAC40 5394TS OPENV	EUR	2,9730	2,9730	2,9730			2,9730					
Certificate	DE000CQ5AXE0	CAC40 5400TL OPENC	EUR											
Certificate	DE000CQ5AXS0	CAC40 5400TL OPENC	EUR											
Certificate	DE000CP06V73	CAC40 5400TS OPENC	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	DE000CP07BP0	CAC40 5400TS OPENC	EUR	3,5300	3,5300	3,5300			3,5300					
Certificate	LU1840959800	CAC40 5402TPIOPENS	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	NL0013079510	CAC40 5409TRSOPENH	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	DE000CJ3N146	CAC40 5409TS OPENZ	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	NL0012915813	CAC40 5412TRLOPENH	EUR											
Certificate	NL0013079502	CAC40 5419TRSOPENH	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	DE000VA7TEV5	CAC40 5419TS OPENV	EUR	3,2230	3,2230	3,2230			3,2230					
Certificate	NL0013079221	CAC40 5420TS OPENH	EUR	4,2500	4,2500	4,2500			4,2500					
Certificate	NL0013079494	CAC40 5429TRSOPENH	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	NL0012915250	CAC40 5430TL OPENH	EUR											
Certificate	NL0012915805	CAC40 5430TRLOPENH	EUR											
Certificate	NL0013079080	CAC40 5430TS OPENH	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	NL0013079486	CAC40 5439TRSOPENH	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	NL0013078439	CAC40 5445TRSOPENH	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	DE000VA7TAZ4	CAC40 5447TS OPENV	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	DE000VA7TA19	CAC40 5472TS OPENV	EUR	3,7190	3,7190	3,7190			3,7190					
Certificate	NL0013078421	CAC40 5475TRSOPENH	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	NL0013006117	CAC40 5477BS OPENB	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	LU1840910464	CAC40 5479TPIOPENS	EUR	3,8600	3,8600	3,8600			3,8600					
Certificate	NL0012915243	CAC40 5490TL OPENH	EUR											
Certificate	NL0013005382	CAC40 5490TS OPENB	EUR	4,4900	4,4900	4,4900			4,4900					
Certificate	NL0012907810	CAC40 5490TS OPENH	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	DE000VA7TA35	CAC40 5497TS OPENV	EUR	3,9690	3,9690	3,9690			3,9690					
Certificate	DE000CP06V81	CAC40 5500TS OPENC	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	DE000CP064K5	CAC40 5500TS OPENC	EUR											
Certificate	NL0013078413	CAC40 5505TRSOPENH	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	DE000CJ3NZW4	CAC40 5508TS OPENZ	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	DE000VA7PWG6	CAC40 5522TS OPENV	EUR	4,2160	4,2160	4,2160			4,2160					
Certificate	NL0013078132	CAC40 5530TRSOPENH	EUR	4,3200	4,3200	4,3200			4,3200					
Certificate	NL0012920649	CAC40 5550TS OPENH	EUR	5,6600	5,6600	5,6600			5,6600					
Certificate	NL0012916316	CAC40 5560TRSOPENH	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	NL0012530059	CAC40 5570TRSOPENH	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	NL0012786461	CAC40 5576BS OPENB	EUR	5,0600	5,0600	5,0600			5,0600					
Certificate	NL0012785687	CAC40 5580TS OPENB	EUR	5,9300	5,9300	5,9300			5,9300					
Certificate	NL0012539878	CAC40 5580TS OPENH	EUR	5,8900	5,8900	5,8900			5,8900					
Certificate	NL0012905350	CAC40 5591TRSOPENH	EUR	4,9300	4,9300	4,9300			4,9300					
Certificate	DE000CE6CGS3	CAC40 5606TS OPENZ	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	NL0012916308	CAC40 5610TRSOPENH	EUR	5,1100	5,1100	5,1100			5,1100					
Certificate	NL0012529085	CAC40 5610TS OPENH	EUR	6,2000	6,2000	6,2000			6,2000					
Certificate	NL0012051643	CAC40 5620TS OPENH	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	NL0012905343	CAC40 5621TRSOPENH	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	DE000VA15UL4	CAC40 5627TS OPENV	EUR	4,4540	4,4540	4,4540			4,4540					
Certificate	NL0012890586	CAC40 5640TS OPENH	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	NL0012904049	CAC40 5645TRSOPENH	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	DE000VA15UN0	CAC40 5652TS OPENV	EUR	4,7020	4,7020	4,7020			4,7020					
Certificate	NL0012905657	CAC40 5653TRSOPENH	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	NL0011590393	CAC40 5666TRSOPENH	EUR	5,6700	5,6700	5,6700			5,6700					
Certificate	NL0012895064	CAC40 5670TS OPENH	EUR	6,8800	6,8800	6,8800			6,8800					
Certificate	NL0012790786	CAC40 5680BS OPENB	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	NL0012918882	CAC40 5684TRSOPENH	EUR	5,8400	5,8400	5,8400			5,8400					
Certificate	NL0013003148	CAC40 5690TS OPENB	EUR	6,4800	6,4800	6,4800			6,4800					
Certificate	NL0012905640	CAC40 5693TRSOPENH	EUR	5,9400	5,9400	5,9400			5,9400					
Certificate	DE000CQ5BLX3	CAC40 5700TS OPENC	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	DE000CE6CSU4	CAC40 5707TS OPENZ	EUR	6,1400	6,1400	6,1400			6,1400					
Certificate	NL0011227905	CAC40 5710TS OPENH	EUR	7,2700	7,2700	7,2700			7,2700					
Certificate	NL0012904031	CAC40 5714TRSOPENH	EUR	6,1600	6,1600	6,1600			6,1600					
Certificate	NL0012557235	CAC40 5727TRSOPENH	EUR	6,2600	6,2600	6,2600			6,2600					
Certificate	NL0013001001	CAC40 5732BS OPENB	EUR	6,5800	6,5800	6,5800			6,5800					



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	NL0012520100	CAC40 5735TRSOPENH	EUR											
Certificate	NL0012905632	CAC40 5753TRSOPENH	EUR	6,5300	6,5300	6,5300			6,5300					
Certificate	NL0012860068	CAC40 5760TS OPENH	EUR	7,7400	7,7400	7,7400			7,7400					
Certificate	DE000VA15Q57	CAC40 5765TS OPENV	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	NL0013003056	CAC40 5783BS OPENB	EUR	7,1000	7,1000	7,1000			7,1000					
Certificate	NL0012904775	CAC40 5790TRSOPENH	EUR	6,9000	6,9000	6,9000			6,9000					
Certificate	NL0012558068	CAC40 5790TS OPENH	EUR	8,1100	8,1100	8,1100			8,1100					
Certificate	NL0012791693	CAC40 5800TS OPENB	EUR	8,2300	8,2300	8,2300			8,2300					
Certificate	DE000CY52EW8	CAC40 5800TS OPENC	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	LU1790508979	CAC40 5818TPIOPENS	EUR	6,8300	6,8300	6,8300			6,8300					
Certificate	DE000CE6D194	CAC40 5826TS OPENZ	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	NL0012848584	CAC40 5830TS OPENH	EUR	8,5000	8,5000	8,5000			8,5000					
Certificate	NL0012848253	CAC40 5845TRSOPENH	EUR	7,4400	7,4400	7,4400			7,4400					
Certificate	NL0013003155	CAC40 5860TS OPENB	EUR	8,2000	8,2000	8,2000			8,2000					
Certificate	LU1651904085	CAC40 5866TPIOPENS	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	NL0012905624	CAC40 5873TRSOPENH	EUR	7,6900	7,6900	7,6900			7,6900					
Certificate	NL0012909055	CAC40 5880TS OPENH	EUR	8,9800	8,9800	8,9800			8,9800					
Certificate	LU1695124005	CAC40 5903TPIOPENS	EUR	5,0800	5,0800	5,0800			5,0800					
Certificate	NL0012904767	CAC40 5910TRSOPENH	EUR	8,0800	8,0800	8,0800			8,0800					
Certificate	NL0012860944	CAC40 5920TS OPENH	EUR	9,3800	9,3800	9,3800			9,3800					
Certificate	DE000CE6F1F8	CAC40 5924TS OPENZ	EUR	8,3100	8,3100	8,3100			8,3100					
Certificate	NL0012894943	CAC40 5930TS OPENH	EUR	9,5200	9,5200	9,5200			9,5200					
Certificate	NL0012905616	CAC40 5933TRSOPENH	EUR	8,2900	8,2900	8,2900			8,2900					
Certificate	NL0012269641	CAC40 5940BOC1218B	EUR	58,8000	58,8000	58,6500			58,6500					
Certificate	DE000VA1ZD97	CAC40 5959TS OPENV	EUR	7,0000	7,0000	7,0000			7,0000					
Certificate	NL0012243141	CAC40 5960TS OPENH	EUR	9,8000	9,8000	9,8000			9,8000					
Certificate	NL0012864045	CAC40 5967TRSOPENH	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	DE000VL2FX77	CAC40 5970TS OPENV	EUR	5,7300	5,7300	5,7300			5,7300					
Certificate	DE000VL37H42	CAC40 5971TS OPENV	EUR	6,9000	6,9000	6,9000			6,9000					
Certificate	DE000VA1ZEB7	CAC40 5984TS OPENV	EUR	7,2400	7,2400	7,2400			7,2400					
Certificate	NL0013003833	CAC40 5990TS OPENB	EUR	9,5100	9,5100	9,5100			9,5100					
Certificate	DE000CQ5BAT4	CAC40 6000TS OPENC	EUR	8,4600	8,4600	8,4600			8,4600					
Certificate	DE000CQ5BNL4	CAC40 6000TS OPENC	EUR	8,6600	8,6600	8,6600			8,6600					
Certificate	DE000CY50412	CAC40 6000TS OPENC	EUR	6,0900	6,0900	6,0900			6,0900					
Certificate	DE000CY16XV5	CAC40 6000TS OPENC	EUR	5,0900	5,0900	5,0900			5,0900					
Certificate	DE000CY52ND9	CAC40 6000TS OPENC	EUR	7,0900	7,0900	7,0900			7,0900					
Certificate	DE000VA1ZED3	CAC40 6009TS OPENV	EUR	7,4900	7,4900	7,4900			7,4900					
Certificate	NL0012097729	CAC40 6010TS OPENH	EUR	10,3300	10,3300	10,3300			10,3300					
Certificate	DE000VL2FYA4	CAC40 6020TS OPENV	EUR	6,2200	6,2200	6,2200			6,2200					
Certificate	DE000VL37H59	CAC40 6021TS OPENV	EUR	7,4000	7,4000	7,4000			7,4000					
Certificate	NL0012905608	CAC40 6023TRSOPENH	EUR	9,1800	9,1800	9,1800			9,1800					
Certificate	DE000CE6FA83	CAC40 6026TS OPENZ	EUR	9,3200	9,3200	9,3200			9,3200					
Certificate	DE000VN66L71	CAC40 6031TS OPENV	EUR	4,7190	4,7190	4,7190			4,7190					
Certificate	DE000VN66M21	CAC40 6031TS OPENV	EUR	5,8600	5,8600	5,8600			5,8600					
Certificate	DE000VA1ZEE1	CAC40 6034TS OPENV	EUR	7,7400	7,7400	7,7400			7,7400					
Certificate	DE000VA1ZEF8	CAC40 6059TS OPENV	EUR	7,9800	7,9800	7,9800			7,9800					
Certificate	DE000VL2FYC0	CAC40 6070TS OPENV	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	DE000VL37H67	CAC40 6071TS OPENV	EUR	7,8900	7,8900	7,8900			7,8900					
Certificate	DE000VN66M47	CAC40 6081TS OPENV	EUR	6,3500	6,3500	6,3500			6,3500					
Certificate	DE000VN66L97	CAC40 6081TS OPENV	EUR	4,6800	5,2000	4,5820	46,8800	6	5,2000	10				
Certificate	DE000VA1ZEG6	CAC40 6084TS OPENV	EUR	8,2300	8,2300	8,2300			8,2300					
Certificate	NL0012903819	CAC40 6090TS OPENH	EUR	11,0900	11,0900	11,0900			11,0900					
Certificate	DE000VA15QU3	CAC40 6090TS OPENV	EUR	8,6800	8,6800	8,6800			8,6800					
Certificate	LU1756868433	CAC40 6091TPIOPENS	EUR	8,5800	8,5800	8,5800			8,5800					
Certificate	DE000CY52EX6	CAC40 6100TS OPENC	EUR	7,5300	7,5300	7,5300			7,5300					
Certificate	DE000VA15QW9	CAC40 6115TS OPENV	EUR	8,9300	8,9300	8,9300			8,9300					
Certificate	NL0013003841	CAC40 6120TS OPENB	EUR	10,9100	10,9100	10,9100			10,9100					
Certificate	DE000CE6FCK2	CAC40 6122TS OPENZ	EUR	10,2900	10,2900	10,2900			10,2900					
Certificate	DE000VA15QX7	CAC40 6140TS OPENV	EUR	9,1800	9,1800	9,1800			9,1800					
Certificate	DE000VA15QZ2	CAC40 6165TS OPENV	EUR	9,4300	9,4300	9,4300			9,4300					
Certificate	NL0012905590	CAC40 6182TRSOPENH	EUR	10,7800	10,7800	10,7800			10,7800					
Certificate	DE000CY16F96	CAC40 6200TS OPENC	EUR	6,1100	6,1100	6,1100			6,1100					
Certificate	DE000CY16XW3	CAC40 6200TS OPENC	EUR	7,0100	7,0100	7,0100			7,0100					
Certificate	DE000CY51G18	CAC40 6200TS OPENC	EUR	8,0900	8,0900	8,0900			8,0900					
Certificate	NL0013003858	CAC40 6320TS OPENB	EUR	12,9000	12,9000	12,9000			12,9000					
Certificate	DE000CV89051	CAC40 6331TS OPENZ	EUR	12,3800	12,3800	12,3800			12,3800					
Certificate	NL0012906028	CAC40 6333TRSOPENH	EUR	12,2800	12,2800	12,2800			12,2800					
Certificate	NL0012903801	CAC40 6340TS OPENH	EUR	13,6500	13,6500	13,6500			13,6500					
Certificate	DE000CY501L3	CAC40 6400TS OPENC	EUR	9,5500	9,5500	9,5500			9,5500					
Certificate	DE000CY52RY6	CAC40 6400TS OPENC	EUR	10,6600	10,6600	10,6600			10,6600					
Certificate	NL0012196562	CAC40 6493TRSOPENH	EUR	13,7400	13,9800	13,7400	27,7200	2	13,8900	2				
Certificate	DE000CQ58AU2	CAC40 6500TS OPENC	EUR	13,4200	13,4200	13,4200			13,4200					



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	DE000CQ5A9T2	CAC40 6500TS OPENC	EUR	12,1800	12,1800	12,1800			12,1800					
Certificate	DE000CY50QT2	CAC40 6500TS OPENC	EUR	11,1900	11,1900	11,1900			11,1900					
Certificate	DE000CY16H60	CAC40 6500TS OPENC	EUR	9,4700	9,4700	9,4700								
Certificate	DE000CV87MQ5	CAC40 6522TS OPENZ	EUR	14,2800	14,2800	14,2800								
Certificate	NL0012175947	CAC40 6581TRSOPENH	EUR	14,7600	14,7600	14,7600								
Certificate	DE000CY50LJ4	CAC40 6600TS OPENC	EUR	11,7000	11,7000	11,7000								
Certificate	DE000CQ5AC16	CAC40 6600TS OPENC	EUR	12,7500	12,7500	12,7500								
Certificate	NL0012202071	CAC40 6770TRSOPENH	EUR	16,6600	16,6600	16,6600								
Certificate	DE000CQ5BEV2	CAC40 6800TS OPENC	EUR	16,3400	16,3400	16,3400								
Certificate	DE000CY52AT2	CAC40 6800TS OPENC	EUR	14,3100	14,3100	14,3100								
Certificate	NL0012860894	CAC40 6850TS OPENH	EUR	18,8600	18,8600	18,8600								
Certificate	DE000CV88L52	CAC40 6930TS OPENZ	EUR	18,3700	18,3700	18,3700								
Certificate	DE000CY52GA9	CAC40 7000TS OPENC	EUR	16,8300	16,8300	16,8300								
Certificate	NL0012906010	CAC40 7131TRSOPENH	EUR	20,2700	20,2700	20,2700								
Certificate	NL0013082241	CAC40 7301TRSOPENH	EUR	21,9800	21,9800	21,9800								
Certificate	NL0012524300	CAC40 7533TRSOPENH	EUR	24,2900	24,2900	24,2900								
Certificate	NL0012523591	CAC40 7610TS OPENH	EUR	26,6700	26,6700	26,6700								
Certificate	NL0012906002	CAC40 7880TRSOPENH	EUR	27,7600	27,7600	27,7600								
Certificate	NL0012520092	CAC40 7895TRSOPENH	EUR											
Certificate	DE000CX592U4	CAGRI 8TL OPENC	EUR	4,6200	4,6200	4,6200				4,6200				
Certificate	DE000CX59PD1	CAGRI 9TL OPENC	EUR	4,0300	4,0300	4,0300				4,0300				
Certificate	DE000CQ58E21	CAGRI 9TL OPENC	EUR	3,0800	3,0800	3,0800				3,0800				
Certificate	DE000CX59KA8	CAGRI 9TL OPENC	EUR	3,6200	3,6200	3,6200				3,6200				
Certificate	DE000CX59PE9	CAGRI 10TL OPENC	EUR	3,0100	3,0100	3,0100				3,0100				
Certificate	DE000CX59KB6	CAGRI 10TL OPENC	EUR	2,5400	2,5400	2,5400				2,5400				
Certificate	DE000CY16AJ8	CAGRI 11TL OPENC	EUR	1,6200	1,6200	1,6200				1,6200				
Certificate	DE000CX59UY7	CAGRI 11TL OPENC	EUR	2,0200	2,0200	2,0200				2,0200				
Certificate	DE000CY16RZ8	CAGRI 12TL OPENC	EUR											
Certificate	DE000CP06TU4	CAGRI 13TS OPENC	EUR	1,0100	1,0100	1,0100				1,0100				
Certificate	DE000CY52VF7	CAGRI 15TS OPENC	EUR	1,9600	1,9600	1,9600				1,9600				
Certificate	DE000CY50GX5	CAGRI 16TS OPENC	EUR	3,2200	3,2200	3,2200				3,2200				
Certificate	DE000CY500G5	CAGRI 16TS OPENC	EUR	2,4900	2,4900	2,4900				2,4900				
Certificate	DE000CQ5AC54	CAGRI 16TS OPENC	EUR	3,0100	3,0100	3,0100				3,0100				
Certificate	DE000CY16WS3	CAGRI 18TS OPENC	EUR	3,7500	3,7500	3,7500				3,7500				
Certificate	DE000CY50EN1	CAGRI 18TS OPENC	EUR	4,4300	4,4300	4,4300				4,4300				
Certificate	NL0012049795	CAGRI 9.2TL OPENH	EUR	3,8400	3,8400	3,7500				3,7500				
Certificate	NL0012115091	CAGRI 10.5TL OPENB	EUR	2,6650	2,6650	2,5550				2,5550				
Certificate	NL0012934582	CAGRI 11.2TL OPENH	EUR	2,0100	2,0100	1,9300				1,9300				
Certificate	DE000CP06768	CAGRI 11.5TL OPENC	EUR	0,6600	0,6600	0,6600				0,6600				
Certificate	NL0010133906	CAGRI 2.01TL OPENB	EUR	10,2550	10,2550	10,2550				10,2550				
Certificate	NL0011599709	CAGRI 3.32TL OPENH	EUR	9,1800	9,1800	9,1000				9,1000				
Certificate	NL0010379244	CAGRI 4.06TL OPENB	EUR	8,3750	8,3750	8,3750				8,3750				
Certificate	NL0011413075	CAGRI 4.56TL OPENH	EUR	8,0600	8,0600	7,9700				7,9700				
Certificate	NL0012056279	CAGRI 8.14TL OPENH	EUR	4,8000	4,8000	4,7200				4,7200				
Certificate	DE000CE68V41	CAGRI10.84TL OPENZ	EUR	1,3000	1,3000	1,3000				1,3000				
Certificate	NL0012931604	CAGRI11.32TL OPENH	EUR	1,9100	1,9100	1,8200				1,8200				
Certificate	DE000CJ3NME0	CAGRI11.84TL OPENZ	EUR	0,3300	0,3300	0,3300				0,3300				
Certificate	NL0012582522	CAGRI13.76TS OPENH	EUR	3,0900	3,1600	3,0900				3,1600				
Certificate	NL0012559678	CAGRI14.72TS OPENH	EUR	4,1600	4,2300	4,1600				4,2300				
Certificate	NL0012560932	CAGRI14.73TS OPENH	EUR	4,1600	4,2400	4,1600				4,2400				
Certificate	NL0012107510	CAGRI14.87TS OPENB	EUR	4,3450	4,4450	4,3450				4,4450				
Certificate	NL0012054050	CAGRI15.74TS OPENH	EUR	5,2900	5,3600	5,2900				5,3600				
Certificate	NL0012049779	CAGRI16.18TS OPENH	EUR	5,7700	5,8500	5,7700				5,8500				
Certificate	NL0012313969	CAGRI18.17TS OPENH	EUR	7,9800	8,0600	7,9800				8,0600				
Certificate	NL0012313951	CAGRI18.65TS OPENH	EUR	8,5200	8,6000	8,5200				8,6000				
Certificate	NL0012313944	CAGRI20.59TS OPENH	EUR	10,6700	10,7500	10,6700				10,7500				
Certificate	NL0012371710	CAGRI22.57TS OPENH	EUR	12,8600	12,9400	12,8600				12,9400				
Certificate	DE000CV898J0	CAGRI7.849TL OPENZ	EUR	4,2800	4,2800	4,2800				4,2800				
Certificate	DE000CV89P40	CAGRI8.848TL OPENZ	EUR	3,2800	3,2800	3,2800				3,2800				
Certificate	DE000CD63PN4	CAGRI9.846TL OPENZ	EUR	2,2900	2,2900	2,2900				2,2900				
Certificate	NL0012023543	CAMEC 6.7TL OPENB	EUR	4,7900	4,7900	4,7900				4,7900				
Certificate	NL0012781207	CAPGE 98TL OPENB	EUR	1,4350	1,5750	1,4350				1,5750				
Certificate	NL0013012776	CAPGE 100TL OPENB	EUR	1,2450	1,3850	1,2450				1,3850				
Certificate	NL0010905261	CAPGE 50.7TL OPENB	EUR	5,8150	5,9550	5,8150				5,9550				
Certificate	NL0010926572	CAPGE 59.2TL OPENB	EUR	5,0250	5,1650	5,0250				5,1650				
Certificate	NL0011652094	CAPGE 69.7TL OPENB	EUR	4,0450	4,1850	4,0450				4,1850				
Certificate	NL0012120661	CAPGE 79.9TL OPENB	EUR	3,1050	3,2450	3,1050				3,2450				
Certificate	NL0012259543	CAPGE 84.1TL OPENB	EUR	2,7250	2,8650	2,7250				2,8650				
Certificate	DE000CV88KJ2	CAPGE100.2TL OPENZ	EUR	0,6500	0,6500	0,6500				0,6500				
Certificate	NL0013011844	CAPGE107.4TS OPENB	EUR											
Certificate	NL0013010044	CAPGE110.4TS OPENB	EUR	1,5250	1,5250	1,3750				1,3750				
Certificate	NL0013010051	CAPGE113.4TS OPENB	EUR	1,8550	1,8550	1,6950				1,6950				



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	NL0012985469	CAPGE116.3TS OPENB	EUR	2,1650	2,1650	2,0050			2,0050					
Certificate	NL0013005564	CAPGE119.4TS OPENB	EUR	2,5050	2,5050	2,3450			2,3450					
Certificate	DE000CN6JXM5	CAPGE71.51TL OPENZ	EUR	3,4900	3,4900	3,4900								
Certificate	DE000CE6BW65	CAPGE80.43TL OPENZ	EUR	2,6000	2,6000	2,6000								
Certificate	DE000CE6CRK7	CAPGE90.35TL OPENZ	EUR	1,7000	1,7000	1,6200	847,5000	2	1,6200	500				
Certificate	DE000CE6CD59	CARBO 4.5TL OPENZ	EUR	15,0900	15,6000	15,0900								
Certificate	DE000CV87V10	CARBO 9.5TL OPENZ	EUR	10,2400	10,7400	10,2400								
Certificate	DE000CE6E820	CARBO 5.02TL OPENZ	EUR	14,5900	15,1000	14,5900								
Certificate	DE000CE6F6K7	CARBO 5.53TL OPENZ	EUR	14,0900	14,6000	14,0900								
Certificate	DE000CV87EV2	CARBO 8.73TL OPENZ	EUR	10,9900	11,4900	9,9900	2082,4600	4	11,4900	196				
Certificate	DE000CV88509	CARBO12.08TL OPENZ	EUR	7,7200	8,2200	7,7200								
Certificate	DE000CV885M1	CARBO17.22TL OPENZ	EUR	2,7400	3,2500	2,7400								
Certificate	DE000CJ3N3Z4	CARBO21.19TS OPENZ	EUR	2,7500	2,7500	2,2500								
Certificate	DE000CJ3NJA4	CARBO24.19TS OPENZ	EUR	5,8600	5,8600	5,3600								
Certificate	DE000CV88BR3	CARBO29.03TS OPENZ	EUR	10,8500	10,8500	10,3600								
Certificate	DE000CN6EPG4	CARLS464.5TL OPENZ	EUR	0,7350	0,7350	0,7350								
Certificate	DE000CR6XTE7	CARLS514.3TL OPENZ	EUR	0,6050	0,6050	0,6050								
Certificate	DE000CN6JWA2	CARLS563.4TL OPENZ	EUR	0,4750	0,4750	0,4750								
Certificate	DE000CE6DC59	CARLS667.6TL OPENZ	EUR	0,1950	0,1950	0,1950								
Certificate	NL0011419098	CATER 52.9TL OPENH	EUR	79,7100	79,7100	76,1900								
Certificate	NL0000455343	CEC PI OPENN	EUR	17,1400	17,1400	17,0200	15426,0000	1	17,0200	900				
Certificate	NL00009070499	CEC 500TL OPENB	EUR	12,3100	12,3100	12,3100								
Certificate	NL0012793996	CEC 1510TL OPENB	EUR	2,7200	2,7200	2,7200								
Certificate	NL0012983761	CEC 1620TL OPENB	EUR	1,7000	1,7000	1,7000								
Certificate	NL0012790430	CEC 1790TS OPENB	EUR	2,1600	2,1600	2,1600								
Certificate	NL0012687925	CEC 1900TS OPENB	EUR	3,3100	3,3100	3,3100								
Certificate	NL0012997951	CFEB 87.78L OPENB	EUR	0,4650	0,4950	0,4650								
Certificate	NL0012998165	CFEB 109.78S OPENB	EUR	0,8050	0,8050	0,7750								
Certificate	DE000CV4ZZK5	CFEB 114.3TS OPENZ	EUR	1,3200	1,3200	1,3200								
Certificate	NL0012998173	CFEB 124.68S OPENB	EUR	1,5550	1,5550	1,5150								
Certificate	DE000CV4ZJTO	CFEB 127.4TS OPENZ	EUR	2,0200	2,0200	2,0200								
Certificate	DE000CE6C5T3	CFEB 141.5TS OPENZ	EUR											
Certificate	DE000CJ3N6Z7	CFEB 59.28TL OPENZ	EUR	1,9900	1,9900	1,9900								
Certificate	DE000CV89B46	CFEB 66.28TL OPENZ	EUR	1,6700	1,6700	1,6700								
Certificate	NL0013008667	CFEB 67.67BL OPENB	EUR	1,4650	1,4950	1,4650								
Certificate	DE000CN6G1P7	CFEB 77.05TL OPENZ	EUR	1,1600	1,1600	1,1600								
Certificate	NL0012997944	CFEB 77.68BL OPENB	EUR	0,9650	0,9950	0,9650								
Certificate	DE000CD62VR5	CFEB 84.54TL OPENZ	EUR	0,8100	0,8100	0,8100								
Certificate	DE000CJ3PB33	CFEB 91.54TL OPENZ	EUR	0,4700	0,4700	0,4700								
Certificate	DE000CV887R6	CFEB 95.07TL OPENZ	EUR											
Certificate	NL0012437107	CFOUR 23TS OPENH	EUR	8,2600	8,2600	7,9200								
Certificate	DE000CV88590	CFOUR 10.7TL OPENZ	EUR	1,5700	1,5700	1,5700								
Certificate	DE000CV89P32	CFOUR 11.7TL OPENZ	EUR	1,3200	1,3200	1,3200								
Certificate	DE000CE6EKF8	CFOUR 12.7TL OPENZ	EUR	1,0700	1,0700	1,0700								
Certificate	NL0012932347	CFOUR 13.4TL OPENH	EUR	4,1500	4,4900	4,1500								
Certificate	NL0010113866	CFOUR 7.57TL OPENB	EUR	9,9200	9,9200	9,9200								
Certificate	NL0012313993	CFOUR 7.96TL OPENH	EUR	9,2200	9,5600	9,2200								
Certificate	NL0010128989	CFOUR10.94TL OPENB	EUR	6,9000	6,9000	6,7900	3036,0000	1	6,7900	440				
Certificate	NL0012313985	CFOUR11.02TL OPENH	EUR	6,3700	6,8400	6,3700	498,0000	2	6,7100	75				
Certificate	NL0012794366	CFOUR12.95TL OPENB	EUR	4,6000	4,9300	4,6000	312,0000	1	4,9300	65				
Certificate	NL0012985105	CFOUR13.95TL OPENB	EUR	3,6700	4,0000	3,6700								
Certificate	DE000CV883Z8	CFOUR14.69TL OPENZ	EUR	0,5800	0,5800	0,5800								
Certificate	NL0012897839	CFOUR14.74TL OPENH	EUR	2,9100	3,2500	2,9100								
Certificate	NL0012996706	CFOUR14.94TL OPENB	EUR	2,7500	3,0800	2,7500								
Certificate	NL0012775670	CFOUR17.04TS OPENB	EUR	1,8400	1,8400	1,8400								
Certificate	DE000CV87ZP9	CFOUR17.75TS OPENZ	EUR	0,2800	0,2800	0,2200	84,0000	1	0,2200	300				
Certificate	NL0012492383	CFOUR19.01TS OPENB	EUR	3,9700	3,9700	3,5900								
Certificate	NL0012572614	CFOUR19.26TS OPENH	EUR	4,2200	4,2200	3,8800								
Certificate	NL0012572606	CFOUR19.75TS OPENH	EUR	4,7500	4,7500	4,4100								
Certificate	NL0012437115	CFOUR20.08TS OPENH	EUR	5,1000	5,1000	4,7700								
Certificate	NL0011599733	CFOUR23.68TS OPENH	EUR	8,9800	8,9800	8,6500	1495,2000	1	8,6500	168				
Certificate	NL0012211379	CFOUR27.69TS OPENH	EUR	13,3200	13,3200	12,9800								
Certificate	NL0011415583	CFOUR29.05TS OPENH	EUR	14,7900	14,7900	14,4500								
Certificate	NL0012313977	CFOUR33.65TS OPENH	EUR	19,7600	19,7600	19,4200								
Certificate	DE000CV89P24	CFOUR8.696TL OPENZ	EUR	2,0700	2,0700	2,0700								
Certificate	DE000CJ3N575	CHCST 4.37TL OPENZ	EUR	2,0800	2,0800	2,0800								
Certificate	DE000CV89TH5	CHCST 5.07TL OPENZ	EUR	1,3600	1,3600	1,3600								
Certificate	DE000CV89TJ1	CHCST 6.13TL OPENZ	EUR											
Certificate	NL0009068931	CHMOB 16.2TL OPENB	EUR	3,0050	3,0050	3,0050								
Certificate	NL0006472730	CHMOB 21.9TL OPENB	EUR	2,5350	2,5350	2,5350								
Certificate	NL0009070697	CHMOB 27.6TL OPENB	EUR	2,0750	2,0750	2,0750								
Certificate	NL0009173004	CHMOB 33.9TL OPENB	EUR	1,5550	1,5550	1,5550								



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV89TM5	CHMOB 51.5TL OPENZ	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	DE000CV89TN3	CHMOB62.09TL OPENZ	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	DE000CV887X4	CHMOB72.62TL OPENZ	EUR	0,9600	0,9600	0,9600								
Certificate	NL0010129714	CISCO 5.31TL OPENB	EUR	35,4100	35,4100	35,4100								
Certificate	NL0009703644	CISCO 7.9TL OPENB	EUR	33,3700	33,3700	33,3700								
Certificate	NL0010130662	CISCO 10.1TL OPENB	EUR	31,6300	31,6300	31,6300								
Certificate	NL0010252789	CISCO 14.6TL OPENB	EUR	28,0200	28,0200	28,0200								
Certificate	NL0011910609	CISCO 27.8TL OPENB	EUR	17,5900	17,5900	17,5900								
Certificate	DE000CX0KZJ5	CISCO28.19TL OPENC	EUR	1,4300	1,4300	1,4300								
Certificate	NL0010135158	CITI 32.01TL OPENB	EUR	36,2200	36,2200	36,2200								
Certificate	NL0011915152	CITI 43.76TL OPENB	EUR	27,3200	27,3200	27,3200								
Certificate	NL0012024707	CITI 48.45TL OPENB	EUR	23,7600	23,7600	23,7600								
Certificate	DE000VA545W2	CL1 SHROPE NV	EUR	1,8250	1,9250	1,8250								
Certificate	DE000VA234S1	CL1 SHROPE NV	EUR	0,2640	0,2860	0,2640								
Certificate	DE000CJ3N4P3	CLARI16.33TL OPENZ	EUR	1,0850	1,0850	1,0850								
Certificate	DE000CV8AV36	CLARI18.33TL OPENZ	EUR	0,6750	0,6750	0,6750								
Certificate	DE000CV8AV44	CLARI20.91TL OPENZ	EUR	0,3250	0,3250	0,3250								
Certificate	DE000CV88AA1	CLIFE12.95TL OPENZ	EUR	0,5250	0,5250	0,5250								
Certificate	DE000CV89TK9	CLIFE15.09TL OPENZ	EUR	0,3050	0,3050	0,3050								
Certificate	DE000CV897L7	CLIFE17.15TL OPENZ	EUR											
Certificate	DE000CV89VX8	CLIFE19.22TL OPENZ	EUR											
Certificate	NL0009706407	CM10Y STN1120V	EUR											
Certificate	DE000CV42969	CNH= 5.846TL OPENZ	EUR	13,9500	14,1000	13,9500				14,1000				
Certificate	DE000CE6C915	CNH= 7.372TS OPENZ	EUR	5,7100	5,7100	5,5500				5,5500				
Certificate	DE000CV8AVN2	CNH= 7.871TS OPENZ	EUR	11,9700	11,9700	11,8100				11,8100				
Certificate	DE000VL23R12	CO1 LEVOPENV	EUR											
Certificate	DE000VA234V5	CO1 SHROPE NV	EUR	0,8760	0,9280	0,8760				0,9280				
Certificate	DE000VL51Z25	CO1 SHROPE NV	EUR	0,0115	0,0115	0,0115				0,0115				
Certificate	NL0006469876	COCA 10TL OPENB	EUR	63,4900	63,4900	63,4900				63,4900				
Certificate	NL0009809797	COCA 25.8TL OPENB	EUR	37,7500	37,7500	37,7500				37,7500				
Certificate	NL0010111233	COCA 31.2TL OPENB	EUR	29,0700	29,0700	29,0700				29,0700				
Certificate	DE000CV89SL9	COCA 33.1TL OPENZ	EUR	1,4600	1,4600	1,4600				1,4600				
Certificate	NL0010374534	COCA 34.3TL OPENB	EUR	12,0000	12,0000	12,0000				12,0000				
Certificate	NL0012281372	COCA 50.5TS OPENB	EUR	7,7950	7,7950	7,7950				7,7950				
Certificate	NL0012510390	COCA 55.7TS OPENB	EUR	12,6450	12,6450	12,6450				12,6450				
Certificate	NL0011414073	COCA 59.9TS OPENH	EUR	16,5500	16,6400	16,5500				16,6400				
Certificate	DE000CR6XYR9	COCA 23.04TL OPENZ	EUR	19,1900	19,1900	19,1900				19,1900				
Certificate	DE000CD61R26	COCA 24.29TL OPENZ	EUR	3,1600	3,1600	3,1600				3,1600				
Certificate	DE000CD613T4	COCA 27.91TL OPENZ	EUR	2,4600	2,4600	2,4600				2,4600				
Certificate	NL0011414198	COCA 28.58TL OPENH	EUR	16,6600	16,6600	16,6200				16,6200				
Certificate	DE000CR6XT22	COCA 28.85TL OPENZ	EUR	14,1300	14,1300	14,1300				14,1300				
Certificate	NL0011414180	COCA 30.77TL OPENH	EUR	14,8900	14,8900	14,8400				14,8400				
Certificate	NL0011414172	COCA 32.95TL OPENH	EUR	13,1200	13,1200	13,0700				13,0700				
Certificate	DE000CR1JQ70	COCA 35.13TL OPENZ	EUR	9,2700	9,2700	9,2700				9,2700				
Certificate	NL0011414164	COCA 35.14TL OPENH	EUR	11,3500	11,3500	11,3000				11,3000				
Certificate	NL0011414156	COCA 37.32TL OPENH	EUR	9,5700	9,5700	9,5200				9,5200				
Certificate	DE000CJ3NRC3	COCA 37.62TL OPENZ	EUR											
Certificate	DE000CR4HYM8	COCA 37.74TL OPENZ	EUR	6,9900	6,9900	6,9900				6,9900				
Certificate	NL0011414149	COCA 39.51TL OPENH	EUR	7,8000	7,8000	7,7500				7,7500				
Certificate	NL0011414099	COCA 48.28TS OPENH	EUR	5,6100	5,6900	5,6100				5,6900				
Certificate	NL0011414081	COCA 54.09TS OPENH	EUR	11,0800	11,1600	11,0800				11,1600				
Certificate	DE000CE6CG15	COCOA 1550TL OPENZ	EUR	6,3650	6,3650	5,6350				5,6350				
Certificate	DE000CE6CG23	COCOA 1660TL OPENZ	EUR	5,5000	5,5000	4,7650				4,7650				
Certificate	DE000CE6BJ59	COCOA 1770TL OPENZ	EUR	4,5200	4,5200	3,7900				3,7900				
Certificate	DE000CE6BJR1	COCOA 1880TL OPENZ	EUR	3,5550	3,5550	2,8250				2,8250				
Certificate	DE000CJ3PCA4	COCOA 2080TL OPENZ	EUR	1,1200	1,1200	1,1200				1,1200				
Certificate	DE000CJ3NWL4	COCOA 2280TS OPENZ	EUR	1,1200	1,8600	1,1200				1,8600				
Certificate	DE000CV8AHY8	COCOA 2480TS OPENZ	EUR	2,9700	3,7050	2,9700				3,7050				
Certificate	DE000CV89D02	COCOA 2670TS OPENZ	EUR	4,7000	5,4400	4,7000				5,4400				
Certificate	DE000CV894M3	COCOA 2860TS OPENZ	EUR	6,4400	7,1750	6,4400				7,1750				
Certificate	DE000CV87XH1	COCOA 3060TS OPENZ	EUR	8,1700	8,9150	8,1700				8,9150				
Certificate	DE000CV884B7	COCOA 3250TS OPENZ	EUR	9,9000	10,6400	9,9000				10,6400				
Certificate	DE000CB1N1X2	COCOA 3440TS OPENZ	EUR	11,6500	12,4000	11,6500				12,4000				
Certificate	DE000VN611B1	COFFE LEVOPENV	EUR	0,9750	0,9750	0,9710				0,9710				
Certificate	DE000VN611C9	COFFE LEVOPENV	EUR	0,0260	0,0260	0,0260				0,0260				
Certificate	DE000VN611D7	COFFE LEVOPENV	EUR	0,0055	0,0055	0,0010				0,0055	1			
Certificate	DE000VA545Z5	COFFE LEVOPENV	EUR	10,7550	10,7550	10,6000				10,6000				
Certificate	DE000VA1ZH54	COFFE LEVOPENV	EUR	2,5050	2,5050	2,4850				2,4850				
Certificate	DE000VN611F2	COFFE SHROPE NV	EUR	5,5700	5,6250	5,5700				5,6250				
Certificate	DE000VN611G0	COFFE SHROPE NV	EUR	0,2420	0,2440	0,2420				0,2440				
Certificate	DE000VN611E5	COFFE SHROPE NV	EUR	13,1900	13,2550	13,1900				13,2550				
Certificate	DE000CJ3N0H8	COFFE 0.99TL OPENZ	EUR	2,2600	2,2600	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	DE000C3PA00	COFFE 1.09TL OPENZ	EUR	1,3950	1,3950	1,3650			1,3650					
Certificate	DE000CV89GN0	COFFE 1.31TS OPENZ	EUR	1,0150	1,0500	1,0150			1,0500					
Certificate	DE000CV8B1K4	COFFE0.811TL OPENZ	EUR	3,7950	3,7950	3,7700			3,7700					
Certificate	DE000CV88WU4	COFFE0.891TL OPENZ	EUR	3,1050	3,2100	3,0750	1878,9000	2	3,0750	590				
Certificate	DE000CV8B1L2	COFFE1.161TS OPENZ	EUR											
Certificate	DE000CV89UZ5	COFFE1.233TS OPENZ	EUR	0,3350	0,3350	0,3350			0,3350					
Certificate	DE000CV87J57	COFFE1.382TS OPENZ	EUR	1,6600	1,6950	1,6600			1,6950					
Certificate	DE000CV4Z1V7	COFFE1.456TS OPENZ	EUR	2,3200	2,3550	2,3200			2,3550					
Certificate	DE000CF6EGH2	COFFE1.564TS OPENZ	EUR	3,2750	3,3150	3,2750			3,3150					
Certificate	DE000CF6DB76	COFFE1.678TS OPENZ	EUR	4,2850	4,3250	4,2850			4,3250					
Certificate	DE000CD62YV1	COFFE2.055TS OPENZ	EUR	7,6350	7,6750	7,6350			7,6750					
Certificate	NL0013011000	COFIN 107TS OPENB	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	NL0013002389	COFIN 77.1TL OPENB	EUR	3,6200	3,7000	3,6200			3,7000					
Certificate	NL0012999262	COFIN 87.1TL OPENB	EUR	2,7100	2,7900	2,7100	7469,5000	3	2,7900	2700				
Certificate	NL0012999270	COFIN 97.2TL OPENB	EUR	1,8000	1,8800	1,8000			1,8800					
Certificate	DE000C3NXY5	COFIN101.8TL OPENZ	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	NL0012999296	COFIN116.7TS OPENB	EUR	2,3400	2,3400	2,2600			2,2600					
Certificate	DE000CV89H16	COFIN119.3TS OPENZ	EUR	0,9650	0,9650	0,9650			0,9650					
Certificate	NL0012999304	COFIN126.8TS OPENB	EUR	3,4600	3,4600	3,3800			3,3800					
Certificate	DE000CR9PUY3	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	DE000CR9BPB1	COFIN81.24TL OPENZ	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	DE000CR4JFL5	COFIN85.26TL OPENZ	EUR	0,4350	0,4350	0,4350			0,4350					
Certificate	DE000CN6K2W5	COFIN88.46TL OPENZ	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	DE000CE6BIC3	COFIN89.13TL OPENZ	EUR	0,8950	0,8950	0,8950			0,8950					
Certificate	DE000CD648M5	COFIN95.75TL OPENZ	EUR	0,3150	0,3150	0,3150			0,3150					
Certificate	DE000CE6DPY0	COLRT 31.8TL OPENZ	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	DE000CR4J8T4	COLRT 37.4TL OPENZ	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	DE000CR6XCR5	COLRT 40.8TL OPENZ	EUR	0,5100	0,5100	0,4950	510,0000	1	0,4950	1000				
Certificate	DE000CV89EH7	COLRT26.72TL OPENZ	EUR	4,7950	4,7950	4,7950			4,7950					
Certificate	DE000CR4J456	COLRT34.31TL OPENZ	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	DE000CV88729	COLRT42.76TL OPENZ	EUR	1,5950	1,5950	1,5950			1,5950					
Certificate	NL0013001084	COLRT43.12BL OPENB	EUR	0,7550	0,8250	0,7550			0,8250					
Certificate	NL0012992671	COLRT45.13BL OPENB	EUR	0,5550	0,6250	0,5550			0,6250					
Certificate	DE000CV89VF5	COLRT46.73TL OPENZ	EUR	0,8500	0,8500	0,8050	6800,0000	2	0,8050	8000				
Certificate	NL0012992689	COLRT47.14BL OPENB	EUR	0,3550	0,4250	0,3550			0,4250					
Certificate	NL0012992978	COLRT51.53BS OPENB	EUR	0,2350	0,2350	0,1650			0,1650					
Certificate	DE000CV875G3	COLRT53.79TS OPENZ	EUR	0,1600	0,1750	0,1600	800,0000	1	0,1750	5000				
Certificate	NL0012992986	COLRT55.51BS OPENB	EUR	0,6350	0,6350	0,5550			0,5550					
Certificate	DE000CV88R15	COLRT58.78TS OPENZ	EUR	1,6500	1,6850	1,6400	2300,0000	2	1,6850	1400				
Certificate	DE000CV89W41	COLRT63.77TS OPENZ	EUR	2,5800	2,6850	2,5800	516,0000	1	2,6850	200				
Certificate	NL0012555718	CONTI 272TS OPENH	EUR	15,3400	15,4600	15,3400			15,4600					
Certificate	DE000C3NTG0	CONTI100.8TL OPENZ	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	DE000CV8B2M8	CONTI115.8TL OPENZ	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	NL0011895800	CONTI116.2TL OPENH	EUR	3,0300	3,0300	2,9100			2,9100					
Certificate	DE000C3N8H1	CONTI130.7TL OPENZ	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	NL0013082589	CONTI134.8TL OPENH	EUR	1,2900	1,2900	1,1800			1,1800					
Certificate	DE000CV89M22	CONTI135.8TL OPENZ	EUR											
Certificate	NL0013081649	CONTI140.3TS OPENH	EUR											
Certificate	NL0012905053	CONTI154.8TS OPENH	EUR	2,7500	2,8800	2,7500			2,8800					
Certificate	NL0012890768	CONTI164.5TS OPENH	EUR	3,7900	3,9200	3,7900			3,9200					
Certificate	NL0012894208	CONTI169.6TS OPENH	EUR	4,3400	4,4700	4,3400			4,4700					
Certificate	NL0012894190	CONTI174.6TS OPENH	EUR	4,8800	5,0100	4,8800			5,0100					
Certificate	NL0012938237	CONTI189.3TS OPENH	EUR	6,4600	6,5900	6,4600			6,5900					
Certificate	NL0012934608	CONTI194.2TS OPENH	EUR	6,9800	7,1100	6,9800			7,1100					
Certificate	NL0012930697	CONTI203.8TS OPENH	EUR	8,0200	8,1500	8,0200			8,1500					
Certificate	NL0012920060	CONTI211.8TS OPENH	EUR	8,8700	9,0000	8,8700			9,0000					
Certificate	NL0012917017	CONTI221.7TS OPENH	EUR	9,9300	10,0600	9,9300			10,0600					
Certificate	NL0012580732	CONTI228.5TS OPENH	EUR	10,6700	10,8000	10,6700			10,8000					
Certificate	NL0012565139	CONTI233.3TS OPENH	EUR	11,1800	11,3100	11,1800			11,3100					
Certificate	NL0012613590	CONTI240.5TS OPENH	EUR	11,9500	12,0800	11,9500			12,0800					
Certificate	NL0012240527	CONTI248.8TS OPENH	EUR	12,8500	12,9800	12,8500			12,9800					
Certificate	NL0012310866	CONTI248.9TS OPENH	EUR	12,8600	12,9900	12,8600			12,9900					
Certificate	NL0012244925	CONTI249.9TS OPENH	EUR	12,9700	13,1000	12,9700			13,1000					
Certificate	NL0011054960	CONTI254.4TS OPENH	EUR	13,4500	13,5800	13,4500			13,5800					
Certificate	NL0012613582	CONTI265.2TS OPENH	EUR	14,6100	14,7400	14,6100			14,7400					
Certificate	NL0012555700	CONTI291.6TS OPENH	EUR	17,4500	17,5800	17,4500			17,5800					
Certificate	NL0012555692	CONTI311.3TS OPENH	EUR	19,5600	19,6900	19,5600			19,6900					
Certificate	NL0006471856	COPPE 3780TL OPENB	EUR	23,7700	23,7700	23,7700			23,7700					
Certificate	NL0006524969	COPPE 4326TL OPENB	EUR	19,4500	19,4500	19,4500			19,4500					
Certificate	NL0009839745	COPPE 8950TS OPENB	EUR	32,8900	32,8900	32,8900			32,8900					
Certificate	NL0009678903	COPPE 9748TS OPENB	EUR	40,6200	40,6200	40,6200			40,6200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CN6HPK9	COPPE1.956TL OPENZ	EUR	7,3950	7,3950	7,3300			7,3300					
Certificate	DE000CR9R8V5	COPPE2.207TL OPENZ	EUR	5,2550	5,2550	5,1850			5,1850					
Certificate	DE000CD63VL6	COPPE2.495TL OPENZ	EUR	2,7850	2,7850	2,7150			2,7150					
Certificate	DE000CV8A617	COPPE2.981TS OPENZ	EUR	2,5550	2,6300	2,5550			2,6300					
Certificate	DE000CV89SP0	COPPE3.175TS OPENZ	EUR	4,2700	4,3500	4,2700			4,3500					
Certificate	DE000CV88NT5	COPPE3.371TS OPENZ	EUR	6,0150	6,0950	6,0150			6,0950					
Certificate	DE000CV88L03	COPPE3.566TS OPENZ	EUR	7,7450	7,8250	7,7450			7,8250					
Certificate	DE000CV88L11	COPPE3.761TS OPENZ	EUR	9,4800	9,5650	9,4800			9,5650					
Certificate	DE000CF6F3R9	COPPE3.952TS OPENZ	EUR	11,1750	11,2650	11,1750			11,2650					
Certificate	DE000CV87ET6	COPPE4.152TS OPENZ	EUR	12,9450	13,0350	12,9450			13,0350					
Certificate	NL0012922256	CORN 2.68TL OPENH	EUR	11,0100	11,0100	11,0100			11,0100					
Certificate	NL0012922249	CORN 2.88TL OPENH	EUR	9,4000	9,4000	9,4000			9,4000					
Certificate	NL0012922231	CORN 3.08TL OPENH	EUR	7,7900	7,7900	7,7900			7,7900					
Certificate	NL0012922223	CORN 3.28TL OPENH	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	NL0012891170	CORN 3.76TS OPENH	EUR											
Certificate	NL0012900278	CORN 3.77TS OPENH	EUR											
Certificate	NL0012923064	CORN 3.91TS OPENH	EUR	5,1700	5,1700	5,1700			5,1700					
Certificate	NL0012889901	CORN 3.96TS OPENH	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	NL0012922181	CORN 3.98TS OPENH	EUR	5,8300	5,8300	5,8300			5,8300					
Certificate	NL0012922272	CORN 4.08TS OPENH	EUR	6,7800	6,7800	6,7800			6,7800					
Certificate	NL0012922264	CORN 4.17TS OPENH	EUR	7,7400	7,7400	7,7400			7,7400					
Certificate	NL0012542880	CORN 4.39TS OPENH	EUR	9,7600	9,7600	9,7600			9,7600					
Certificate	NL0011233150	CORN 5.37TS OPENH	EUR	19,2000	19,2000	19,2000			19,2000					
Certificate	NL0011233143	CORN 5.56TS OPENH	EUR	20,9800	20,9800	20,9800			20,9800					
Certificate	DE000CN6KS12	COTON 0.61TL OPENZ	EUR	1,6500	1,6600	1,6500			1,6600					
Certificate	DE000CN6LCB8	COTON 0.65TL OPENZ	EUR	1,3150	1,3200	1,3150			1,3200					
Certificate	DE000CN6JHU1	COTON0.498TL OPENZ	EUR	2,5950	2,6050	2,5950			2,6050					
Certificate	DE000CN6HG52	COTON0.534TL OPENZ	EUR	2,2900	2,3000	2,2900			2,3000					
Certificate	DE000CR6X767	COTON0.575TL OPENZ	EUR	1,9450	1,9550	1,9450			1,9550					
Certificate	DE000CV4Z7D2	COTON0.698TL OPENZ	EUR	0,9050	0,9150	0,9050			0,9150					
Certificate	DE000CJ3NXP3	COTON0.806TS OPENZ	EUR	0,4950	0,4950	0,4900			0,4900					
Certificate	DE000CJ3NLG7	COTON0.886TS OPENZ	EUR	1,2250	1,2250	1,2250			1,2250					
Certificate	DE000CV87NH2	COTON0.959TS OPENZ	EUR	1,8800	1,8800	1,8750			1,8750					
Certificate	DE000CV88NV1	COTON1.032TS OPENZ	EUR	2,5350	2,5350	2,5300			2,5300					
Certificate	DE000CV89895	COTON1.105TS OPENZ	EUR	3,1850	3,1850	3,1850			3,1850					
Certificate	DE000CV87SH1	CPRI 4.12TL OPENZ	EUR	2,4550	2,4550	2,4550			2,4550					
Certificate	DE000CJ3PA34	CPRI 6.03TL OPENZ	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	DE000CV505G7	CPRI 4.626TL OPENZ	EUR	1,9450	1,9450	1,9450			1,9450					
Certificate	DE000CV4YY39	CPRI 5.329TL OPENZ	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	DE000CV89G33	CPRI 6.326TL OPENZ	EUR											
Certificate	NL0011795406	CRBN 18TL OPENB	EUR	11,4000	11,4200	11,4000			11,4200					
Certificate	NL0010010807	CRBN 5.2TL OPENB	EUR	24,0600	24,0600	24,0600			24,0600					
Certificate	NL0010893533	CRBN 8.4TL OPENB	EUR	21,0100	21,0300	21,0100			21,0300					
Certificate	NL0011089388	CRBN 14.7TL OPENB	EUR	15,0400	15,0600	15,0400			15,0600					
Certificate	NL0011531991	CRBN 14.88L OPENB	EUR	13,2400	13,2600	13,2400			13,2600					
Certificate	NL0011260484	CRBN 15.8TL OPENB	EUR	13,3800	13,4000	13,3800			13,4000					
Certificate	NL0011651567	CRBN 16.9TL OPENB	EUR	12,4200	12,4400	12,4200			12,4400					
Certificate	DE000CN6KQ54	CRBN 19.4TL OPENZ	EUR	8,3500	8,3500	8,3500			8,3500					
Certificate	NL0012033344	CRBN 20.1TL OPENB	EUR	9,5100	9,5300	9,5100			9,5300					
Certificate	NL0012034920	CRBN 21.1TL OPENB	EUR	8,5700	8,5900	8,5700			8,5900					
Certificate	DE000CD646H9	CRBN 21.2TL OPENZ	EUR	7,5050	7,5050	7,5050			7,5050					
Certificate	NL0012037923	CRBN 22.1TL OPENB	EUR	7,6400	7,6600	7,6400			7,6600					
Certificate	DE000CD63ZH5	CRBN 22.4TL OPENZ	EUR	5,3600	5,3600	5,3600			5,3600					
Certificate	NL0012118913	CRBN 23.2TL OPENB	EUR	6,6300	6,6500	6,6300			6,6500					
Certificate	NL0012785786	CRBN 24.8TL OPENB	EUR	5,2000	5,2200	5,2000			5,2200					
Certificate	NL0012785422	CRBN 25.38L OPENB	EUR	2,7400	2,7600	2,7400			2,7600					
Certificate	NL0012987978	CRBN 26.38L OPENB	EUR	1,7400	1,7600	1,7400			1,7600					
Certificate	NL0012988141	CRBN 26.3TL OPENB	EUR	3,8300	3,8500	3,8300			3,8500					
Certificate	NL0012988208	CRBN 28.6TS OPENB	EUR	4,2500	4,2500	4,1500			4,1500					
Certificate	NL0012261176	CRBN 30.6TS OPENB	EUR	6,4600	6,4600	6,3600			6,3600					
Certificate	DE000CR4JJ01	CRBN 12.69TL OPENZ	EUR	15,0500	15,0500	15,0500			15,0500					
Certificate	DE000CR6YGJ1	CRBN 15.48TL OPENZ	EUR	12,9450	12,9450	12,9450			12,9450					
Certificate	DE000CJ3PAD2	CRBN 16.39TL OPENZ	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	DE000CR9NMF4	CRBN 16.54TL OPENZ	EUR	11,9450	11,9450	11,9450			11,9450					
Certificate	DE000CN6K602	CRBN 18.07TL OPENZ	EUR	10,4750	10,4750	10,4750			10,4750					
Certificate	DE000CD63PV7	CRBN 20.89TL OPENZ	EUR	6,8750	6,8750	6,8750			6,8750					
Certificate	NL0012033971	CRBN 21.198L OPENB	EUR	6,8500	6,8700	6,8500			6,8700					
Certificate	NL0012772974	CRBN 22.268L OPENB	EUR	5,7800	5,8000	5,7800			5,8000					
Certificate	NL0012118673	CRBN 23.288L OPENB	EUR	4,7600	4,7800	4,7600			4,7800					
Certificate	DE000CV88269	CRBN 23.29TL OPENZ	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	NL0012785414	CRBN 24.298L OPENB	EUR	3,7500	3,7700	3,7500			3,7700					
Certificate	DE000CV88KK0	CRBN 24.38TL OPENZ	EUR	0,6800	0,6800	0,6800			0,6800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV8BDA5	CRBN 26.37TL OPENZ	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	DE000CJ3NN56	CRBN 26.97TL OPENZ	EUR											
Certificate	NL0013011422	CRBN 28.03BS OPENB	EUR											
Certificate	DE000CE6CKY3	CRBN 29.77TS OPENZ	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	NL0012260822	CRBN 30.03BS OPENB	EUR	2,7500	2,7500	2,6500				2,6500				
Certificate	NL0012273957	CRBN 31.94BS OPENB	EUR	4,6600	4,6600	4,5600				4,5600				
Certificate	DE000CE6DQ46	CRBN 33.25TS OPENZ	EUR	1,1500	1,1500	1,1500				1,1500				
Certificate	NL0012999908	CRBN 33.94BS OPENB	EUR	6,6600	6,6600	6,5600				6,5600				
Certificate	DE000CV8A4P8	CRBN 38.24TS OPENZ	EUR	2,1500	2,1500	2,1500				2,1500				
Certificate	NL0012030449	CREDI 11.8TL OPENB	EUR	2,3150	2,3150	2,1350				2,1350				
Certificate	NL0012275028	CREDI 13.3TL OPENB	EUR											
Certificate	DE000CD62TG2	CREDI11.13TL OPENZ	EUR	0,3750	0,3750	0,3750				0,3750				
Certificate	DE000CD63L61	CREDI12.61TL OPENZ	EUR	0,1150	0,1150	0,1150				0,1150				
Certificate	DE000CN6JMX5	CREDI8.616TL OPENZ	EUR	0,8700	0,8700	0,8050	1280,0000	2	0,8050	1500				
Certificate	DE000CD62700	CREDI9.643TL OPENZ	EUR	0,6350	0,6350	0,6350				0,6350				
Certificate	XS0508554069	CS FDAA 0%22DEC20	EUR											
Certificate	XS1009882322	CSEET PI OPENK	EUR											
Certificate	XS1009881860	CSJET PI OPENK	EUR											
Certificate	XS1009881787	CSSET PI OPENK	EUR											
Certificate	XS1009882082	CSJET PI OPENK	EUR											
Certificate	XS1009881514	CSVET PI OPENK	EUR											
Certificate	DE000CY16CY3	CZBNK 7TL OPENC	EUR	1,4700	1,4700	1,4700				1,4700				
Certificate	DE000CY16BT5	CZBNK 7TL OPENC	EUR	1,1800	1,1800	1,1800				1,1800				
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	DE000CN6J8E3	CZBNK 4.8TL OPENZ	EUR	3,8350	3,8350	3,8350				3,8350				
Certificate	NL0012975155	CZBNK 6.68L OPENB	EUR	2,2150	2,2150	2,1150				2,1150				
Certificate	DE000CY16FB4	CZBNK 7.5TL OPENC	EUR	0,6500	0,6500	0,6500				0,6500				
Certificate	DE000CY16CZ0	CZBNK 7.5TL OPENC	EUR	0,9600	0,9600	0,9600				0,9600				
Certificate	NL0012602676	CZBNK 11.4TS OPENH	EUR	3,9000	4,0200	3,9000				4,0200				
Certificate	NL0012593420	CZBNK 12.4TS OPENH	EUR	5,0200	5,1400	5,0200				5,1400				
Certificate	NL0011933536	CZBNK 4.16TL OPENH	EUR	4,9800	4,9800	4,8800				4,8800				
Certificate	NL0011895784	CZBNK 4.99TL OPENH	EUR	4,2200	4,2200	4,1200				4,1200				
Certificate	NL0011989322	CZBNK 5.82TL OPENH	EUR	3,4700	3,4700	3,3700				3,3700				
Certificate	NL0011995352	CZBNK 6.44TL OPENH	EUR	2,9000	2,9000	2,8000				2,8000				
Certificate	NL0012196414	CZBNK 6.85TL OPENH	EUR	2,5300	2,5300	2,4300				2,4300				
Certificate	DE000CV886M9	CZBNK 6.92TL OPENZ	EUR	1,7250	1,7250	1,7250				1,7250				
Certificate	NL0011996053	CZBNK 7.04TL OPENH	EUR											
Certificate	NL0012049811	CZBNK 7.06TL OPENH	EUR	2,3400	2,3400	2,2400				2,2400				
Certificate	NL0012197438	CZBNK 7.46TL OPENH	EUR	1,9700	1,9700	1,8700				1,8700				
Certificate	NL0012211411	CZBNK 7.85TL OPENH	EUR	1,6200	1,6200	1,5200				1,5200				
Certificate	NL0012899405	CZBNK 8.25TL OPENH	EUR	1,2500	1,2500	1,1500				1,1500				
Certificate	DE000CJ3PC24	CZBNK 8.42TL OPENZ	EUR	0,2550	0,2550	0,2550				0,2550				
Certificate	DE000CJ3N2V5	CZBNK 8.47TL OPENZ	EUR											
Certificate	NL0013079304	CZBNK 9.03TS OPENH	EUR	1,2800	1,3900	1,2800				1,3900				
Certificate	NL0012906242	CZBNK 9.23TS OPENH	EUR	1,5000	1,6100	1,5000				1,6100				
Certificate	NL0012934590	CZBNK 9.76TS OPENH	EUR	2,0800	2,2000	2,0800				2,2000				
Certificate	NL0012909402	CZBNK 9.92TS OPENH	EUR	2,2700	2,3800	2,2700				2,3800				
Certificate	NL0012792709	CZBNK10.05BS OPENB	EUR	1,3550	1,4450	1,3550				1,4450				
Certificate	NL0012862346	CZBNK10.41TS OPENH	EUR	2,8100	2,9300	2,8100				2,9300				
Certificate	NL0012777700	CZBNK11.03BS OPENB	EUR	2,3350	2,4350	2,3350				2,4350				
Certificate	NL0012598437	CZBNK11.43TS OPENH	EUR	3,9400	4,0500	3,9400				4,0500				
Certificate	NL0012593917	CZBNK13.39TS OPENH	EUR	6,1200	6,2300	6,1200				6,2300				
Certificate	NL0012580724	CZBNK13.41TS OPENH	EUR	6,1400	6,2500	6,1400				6,2500				
Certificate	NL0012555676	CZBNK13.89TS OPENH	EUR	6,6700	6,7900	6,6700				6,7900				
Certificate	NL0012555668	CZBNK14.87TS OPENH	EUR	7,7700	7,8800	7,7700				7,8800				
Certificate	NL0012529325	CZBNK15.84TS OPENH	EUR	8,8400	8,9600	8,8400				8,9600				
Certificate	NL0012541981	CZBNK15.84TS OPENH	EUR	8,8400	8,9600	8,8400				8,9600				
Certificate	DE000CV898G6	CZBNK5.919TL OPENZ	EUR	2,7250	2,7250	2,7250				2,7250				
Certificate	NL0012105134	CZBNK6.022BL OPENB	EUR	2,7950	2,7950	2,6950				2,6950				
Certificate	NL0012973622	CZBNK7.104BL OPENB	EUR	1,7050	1,7050	1,6150				1,6150				
Certificate	DE000CV898H4	CZBNK7.427TL OPENZ	EUR	1,2250	1,2250	1,2250				1,2250				
Certificate	NL0012793806	CZBNK7.607BL OPENB	EUR	1,2050	1,2050	1,1150				1,1150				
Certificate	DE000CE6BX07	CZBNK7.926TL OPENZ	EUR	0,7350	0,7350	0,7350				0,7350				
Certificate	NL0013006919	CZBNK8.108BL OPENB	EUR	0,7050	0,7050	0,6150				0,6150				
Certificate	NL0013006257	CZBNK9.049BS OPENB	EUR	0,3550	0,4550	0,3550				0,4550				
Certificate	NL0011410329	DAIML 33TL OPENH	EUR	2,2100	2,2100	2,1500				2,1500				
Certificate	DE000CX591E0	DAIML 55TL OPENC	EUR											
Certificate	DE000CX595S8	DAIML 60TL OPENC	EUR											
Certificate	DE000CY51DW2	DAIML 60TL 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	DE000CY501Y6	DAIML 80TS OPENC	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	DE000CY520D0	DAIML 80TS OPENC	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	NL0011410345	DAIML 24.6TL OPENH	EUR	2,9900	2,9900	2,9300			2,9300					
Certificate	NL0011410337	DAIML 28.8TL OPENH	EUR	2,6000	2,6000	2,5400			2,5400					
Certificate	NL0010144838	DAIML 35.2TL OPENA	EUR											
Certificate	NL0011049622	DAIML 37.2TL OPENH	EUR	1,8200	1,8200	1,7500			1,7500					
Certificate	NL0011049614	DAIML 45.7TL OPENH	EUR	1,0200	1,0200	0,9600			0,9600					
Certificate	DE000CX0KMF1	DAIML 47.1TL OPENC	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	NL0011896535	DAIML 47.8TL OPENH	EUR	0,8300	0,8300	0,7600	15800,0000	1	0,7600	20000				
Certificate	DE000CD62270	DAIML 48.6TL OPENZ	EUR	0,3850	0,3850	0,3850			0,3850					
Certificate	NL0012897862	DAIML 52.5TL OPENH	EUR											
Certificate	NL0013081656	DAIML 54.3TS OPENH	EUR	0,5500	0,6100	0,5500			0,6100					
Certificate	NL0013002199	DAIML 57.98S OPENB	EUR	5,6100	6,0300	5,6100			6,0300					
Certificate	NL0012905087	DAIML 58.3TS OPENH	EUR	0,9800	1,0400	0,9800			1,0400					
Certificate	NL0012919666	DAIML 60.3TS OPENH	EUR	1,2000	1,2600	1,2000			1,2600					
Certificate	NL0012973770	DAIML 60.88S OPENB	EUR	8,5100	8,9300	8,5100			8,9300					
Certificate	NL0012917025	DAIML 62.3TS OPENH	EUR	1,4100	1,4700	1,4100			1,4700					
Certificate	NL0012909469	DAIML 64.3TS OPENH	EUR	1,6200	1,6800	1,6200			1,6800					
Certificate	NL0012864573	DAIML 66.3TS OPENH	EUR	1,8400	1,9000	1,8400			1,9000					
Certificate	NL0012567986	DAIML 68.2TS OPENH	EUR	2,0500	2,1100	2,0500			2,1100					
Certificate	NL0012565154	DAIML 72.2TS OPENH	EUR	2,4700	2,5300	2,4700			2,5300					
Certificate	NL0011241112	DAIML 72.3TS OPENH	EUR	2,4900	2,5500	2,4900			2,5500					
Certificate	NL0011229984	DAIML 75.9TS OPENH	EUR	2,8700	2,9300	2,8700			2,9300					
Certificate	NL0011049531	DAIML 79.5TS OPENH	EUR	3,2600	3,3200	3,2600			3,3200					
Certificate	NL0012555759	DAIML 91.6TS OPENH	EUR	4,5600	4,6200	4,5600			4,6200					
Certificate	DE000CJ3NTH8	DAIML33.64TL OPENZ	EUR	1,8650	1,8650	1,8650			1,8650					
Certificate	DE000CNGINE3	DAIML41.65TL OPENZ	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	DE000CNGHSL1	DAIML45.64TL OPENZ	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	NL0011909692	DAIML46.75BL OPENB	EUR	6,7700	6,7700	6,3300			6,3300					
Certificate	DE000CX0K496	DAIML47.57TL OPENC	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	NL0013008683	DAIML49.74BL OPENB	EUR	3,7800	3,7800	3,3400			3,3400					
Certificate	NL0012994735	DAIML51.23BL OPENB	EUR	2,2900	2,2900	1,8500			1,8500					
Certificate	DE000CD62551	DAIML51.58TL OPENZ	EUR	0,1700	0,2000	0,0930	3643,5000	8	0,0930	22300				
Certificate	NL0013008972	DAIML55.14BS OPENB	EUR	2,8500	3,2700	2,8500			3,2700					
Certificate	DE000CV88086	DAIML59.36TS OPENZ	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	NL0012792592	DAIML67.05BS OPENB	EUR	14,7600	15,1800	14,7600			15,1800					
Certificate	DE000CV87TV0	DAIML69.33TS OPENZ	EUR	1,7050	1,7050	1,7050			1,7050					
Certificate	DE000CE6F8M9	DAIML79.26TS OPENZ	EUR	2,7050	2,7050	2,7050			2,7050					
Certificate	NL0009337278	DANON 32TL OPENB	EUR	3,3150	3,3150	3,3150			3,3150					
Certificate	NL0012112312	DANON 57TL OPENB	EUR	0,9150	0,9850	0,9150			0,9850					
Certificate	NL0009703743	DANON 36.7TL OPENB	EUR	2,8750	2,8750	2,8750			2,8750					
Certificate	NL0011417894	DANON 45.5TL OPENH	EUR	1,9800	2,0600	1,9800			2,0600					
Certificate	NL0010921987	DANON 49.1TL OPENB	EUR	1,6550	1,7250	1,6550			1,7250					
Certificate	NL0011417886	DANON 49.7TL OPENH	EUR	1,5900	1,6700	1,5900	2430,0000	1	1,6700	1500				
Certificate	NL0011436738	DANON 51.7TL OPENB	EUR	1,4050	1,4750	1,4050			1,4750					
Certificate	NL0011442702	DANON 54.4TL OPENB	EUR	1,1550	1,2250	1,1550			1,2250					
Certificate	NL0012118756	DANON 59.6TL OPENB	EUR	0,6750	0,7850	0,6750	8263,0200	3	0,7450	11459				
Certificate	NL0012778245	DANON 62.1TL OPENB	EUR											
Certificate	NL0013012941	DANON 65.3TS OPENB	EUR	0,8550	0,8550	0,7750			0,7750					
Certificate	NL0012264196	DANON 70.3TS OPENB	EUR	1,3950	1,3950	1,3150			1,3150					
Certificate	NL0012274450	DANON 75.1TS OPENB	EUR	1,9150	1,9150	1,8450			1,8450					
Certificate	NL0012864581	DANON 77.9TS OPENH	EUR	2,2000	2,2000	2,1200			2,1200					
Certificate	NL0012531057	DANON103.9TS OPENH	EUR	5,0100	5,0100	4,9300			4,9300					
Certificate	NL0012330211	DANON104.7TS OPENH	EUR	5,0900	5,0900	5,0100			5,0100					
Certificate	NL0012524540	DANON104.8TS OPENH	EUR	5,1100	5,1100	5,0300			5,0300					
Certificate	NL0012516108	DANON104.8TS OPENH	EUR	5,1100	5,1100	5,0200			5,0200					
Certificate	NL0012538672	DANON104.9TS OPENH	EUR	5,1200	5,1200	5,0400			5,0400					
Certificate	NL0011417910	DANON32.93TL OPENH	EUR	3,1500	3,2300	3,1500			3,2300					
Certificate	NL0012056329	DANON38.39TL OPENH	EUR	2,6400	2,7200	2,6400			2,7200					
Certificate	DE000CR9RQF6	DANON44.84TL OPENZ	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	DE000CR6YDG4	DANON50.81TL OPENZ	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	NL0011417878	DANON53.89TL OPENH	EUR	1,2000	1,2800	1,2000			1,2800					
Certificate	DE000CN6FBK3	DANON56.75TL OPENZ	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	NL0012178859	DANON57.78TL OPENH	EUR	0,8400	0,9200	0,8400			0,9200					
Certificate	NL0012244594	DANON61.86TL OPENH	EUR											
Certificate	NL0012210090	DANON69.97TS OPENH	EUR	1,3500	1,3500	1,2700			1,2700					
Certificate	NL0011417829	DANON73.55TS OPENH	EUR	1,7400	1,7400	1,6500			1,6500					
Certificate	NL0011933551	DANON73.69TS OPENH	EUR	1,7500	1,7500	1,6700			1,6700					
Certificate	NL0011972724	DANON73.72TS OPENH	EUR	1,7500	1,7500	1,6700			1,6700					
Certificate	NL0011932561	DANON73.82TS OPENH	EUR	1,7600	1,7600	1,6800			1,6800					
Certificate	NL0011417811	DANON84.74TS OPENH	EUR	2,9400	2,9400	2,8600			2,8600					
Certificate	NL0012583512	DANSK 263.TS OPENH	EUR	20,5200	21,0400	20,5200			21,0400					



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	NL0012907554	DANSK120.1TL OPENH	EUR	3,9900	3,9900	3,5000			3,5000					
Certificate	NL0013083108	DANSK135.1TL OPENH	EUR	2,1700	2,1700	2,1700			2,1700					
Certificate	NL0013081664	DANSK145.1TS OPENH	EUR											
Certificate	NL0012907869	DANSK155.1TS OPENH	EUR	4,4600	4,9900	4,4600	322,0800	2	4,9900	66				
Certificate	NL0012905103	DANSK175.1TS OPENH	EUR	7,4300	7,9500	7,4300			7,9500					
Certificate	NL0012898381	DANSK179.8TS OPENH	EUR	8,1400	8,6700	8,1400			8,6700					
Certificate	NL0012897870	DANSK189.8TS OPENH	EUR	9,6300	10,1500	9,6300			10,1500					
Certificate	NL0012894224	DANSK194.7TS OPENH	EUR	10,3600	10,8800	10,3600			10,8800					
Certificate	NL0012923650	DANSK203.5TS OPENH	EUR	11,6600	12,1900	11,6600			12,1900					
Certificate	NL0012917033	DANSK213.3TS OPENH	EUR	13,1200	13,6500	13,1200			13,6500					
Certificate	NL0012611032	DANSK222.7TS OPENH	EUR	14,5200	15,0400	14,5200			15,0400					
Certificate	NL0012600381	DANSK227.4TS OPENH	EUR	15,2200	15,7500	15,2200			15,7500					
Certificate	NL0012598460	DANSK232.3TS OPENH	EUR	15,9500	16,4800	15,9500			16,4800					
Certificate	NL0012595748	DANSK237.2TS OPENH	EUR	16,6700	17,1900	16,6700			17,1900					
Certificate	NL0012199210	DANSK244.1TS OPENH	EUR	17,7000	18,2200	17,7000			18,2200					
Certificate	NL0012595136	DANSK247.8TS OPENH	EUR	18,2600	18,7800	18,2600			18,7800					
Certificate	NL0011993746	DANSK249.5TS OPENH	EUR											
Certificate	NL0011991625	DANSK250.9TS OPENH	EUR											
Certificate	NL0011989330	DANSK251.1TS OPENH	EUR											
Certificate	NL0012582167	DANSK253.1TS OPENH	EUR	19,0400	19,5600	19,0400			19,5600					
Certificate	NL0012590970	DANSK253.6TS OPENH	EUR	19,1100	19,6300	19,1100			19,6300					
Certificate	NL0012437867	DANSK253.6TS OPENH	EUR	19,1200	19,6400	19,1200			19,6400					
Certificate	NL0012093736	DANSK271.5TS OPENH	EUR	21,7900	22,3100	21,7900			22,3100					
Certificate	NL0012057475	DANSK271.9TS OPENH	EUR	21,8400	22,3600	21,8400			22,3600					
Certificate	NL0012242101	DANSK273.6TS OPENH	EUR	22,1000	22,6200	22,1000			22,6200					
Certificate	NL0012595557	DANSK296.4TS OPENH	EUR	25,4800	26,0000	25,4800			26,0000					
Certificate	NL0012202840	DANSK300.3TS OPENH	EUR	26,0600	26,5800	26,0600			26,5800					
Certificate	NL0012240055	DANSK302.5TS OPENH	EUR	26,3900	26,9100	26,3900			26,9100					
Certificate	DE0005437412	DAX PI OPENN	EUR	116,9000	116,9000	116,9000			116,9000					
Certificate	NL0009067867	DAX 4730TL OPENB	EUR	69,5700	69,5700	69,5700			69,5700					
Certificate	NL0009069988	DAX 5170TL OPENB	EUR	65,3000	65,3000	65,3000			65,3000					
Certificate	NL0009071182	DAX 5470TL OPENB	EUR	62,4400	62,4400	62,4400			62,4400					
Certificate	NL0011596952	DAX 6319TRLOPENH	EUR											
Certificate	NL000998269	DAX 6430TL OPENB	EUR	53,0400	53,0400	53,0400			53,0400					
Certificate	NL0010001608	DAX 6650TL OPENB	EUR	50,9700	50,9700	50,9700			50,9700					
Certificate	NL0010149712	DAX 6980TL OPENA	EUR											
Certificate	DE000CX00567	DAX 7000TL OPENC	EUR	41,2600	41,2600	41,2600			41,2600					
Certificate	NL0011043567	DAX 7180TL OPENH	EUR	44,8100	44,8100	44,8100			44,8100					
Certificate	DE000CX004L9	DAX 7200TL OPENC	EUR	38,4200	38,4200	38,4200			38,4200					
Certificate	NL0010129896	DAX 7310TL OPENB	EUR	44,5400	44,5400	44,5400			44,5400					
Certificate	NL0010131025	DAX 7540TL OPENB	EUR	42,3400	42,3400	42,3400			42,3400					
Certificate	DE000CX004N5	DAX 7600TL OPENC	EUR	34,1300	34,1300	34,1300			34,1300					
Certificate	NL0011043542	DAX 7600TL OPENH	EUR	40,6800	40,6800	40,6800			40,6800					
Certificate	DE000CNGJFQ3	DAX 7730TL OPENZ	EUR	39,5250	39,5250	39,5250			39,5250					
Certificate	NL0010134102	DAX 7750TL OPENB	EUR	40,2200	40,2200	40,2200			40,2200					
Certificate	DE000CX0JXK0	DAX 7800TL OPENC	EUR	31,9000	31,9000	31,9000			31,9000					
Certificate	NL0010251930	DAX 7860TL OPENB	EUR	39,2000	39,2000	39,2000			39,2000					
Certificate	NL0011719158	DAX 7940TL OPENH	EUR	37,2700	37,2700	37,2700			37,2700					
Certificate	DE000CNGH574	DAX 7990TL OPENZ	EUR	36,9550	36,9550	36,9550			36,9550					
Certificate	DE000CX0JS28	DAX 8000TL OPENC	EUR	30,5300	30,5300	30,5300			30,5300					
Certificate	NL0011043526	DAX 8010TL OPENH	EUR	36,5900	36,5900	36,5900			36,5900					
Certificate	NL0010250833	DAX 8020BL OPENB	EUR	35,6000	35,6000	35,6000			35,6000					
Certificate	NL0010253233	DAX 8190TL OPENB	EUR	36,0100	36,0100	36,0100			36,0100					
Certificate	NL0011043518	DAX 8220TL OPENH	EUR	34,5100	34,5100	34,5100			34,5100					
Certificate	DE000CNGJCR8	DAX 8242TL OPENZ	EUR	33,1750	33,1750	33,1750			33,1750					
Certificate	NL0011719125	DAX 8250TL OPENH	EUR	34,2300	34,2300	34,2300			34,2300					
Certificate	DE000CNGH566	DAX 8250TL OPENZ	EUR	34,3850	34,3850	34,3850			34,3850					
Certificate	NL0010379103	DAX 8300TL OPENB	EUR	34,9000	34,9000	34,9000			34,9000					
Certificate	DE000CX004R6	DAX 8300TL OPENC	EUR	26,6400	26,6400	26,6400			26,6400					
Certificate	DE000CX0IDK2	DAX 8400TL OPENC	EUR	25,3800	25,3800	25,3800			25,3800					
Certificate	DE000CX008M8	DAX 8500TL OPENC	EUR	24,5200	24,5200	24,5200			24,5200					
Certificate	DE000CNGH558	DAX 8510TL OPENZ	EUR	31,8150	31,8150	31,8150			31,8150					
Certificate	NL0011719075	DAX 8560TL OPENH	EUR	31,1300	31,1300	31,1300			31,1300					
Certificate	NL0010442737	DAX 8630TL OPENB	EUR	31,7500	31,7500	31,7500			31,7500					
Certificate	DE000CNGJCQ0	DAX 8657TL OPENZ	EUR	29,0350	29,0350	29,0350			29,0350					
Certificate	NL0011601612	DAX 8693TRLOPENH	EUR	28,6400	28,6400	28,6400			28,6400					
Certificate	DE000CX008N6	DAX 8700TL OPENC	EUR	22,3800	22,3800	22,3800			22,3800					
Certificate	DE000CNGHLW3	DAX 8770TL OPENZ	EUR	29,2450	29,2450	29,2450			29,2450					
Certificate	NL0010378899	DAX 8785BL OPENB	EUR	27,9500	27,9500	27,9500			27,9500					
Certificate	NL0010443032	DAX 8840TL OPENB	EUR	29,6600	29,6600	29,6600			29,6600					
Certificate	DE000CNGJCP2	DAX 8865TL OPENZ	EUR	26,9600	26,9600	26,9600			26,9600					
Certificate	NL0010515557	DAX 8970TL OPENB	EUR	28,4500	28,4500	28,4500			28,4500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011719034	DAX 8970TL OPENH	EUR	27,0700	27,0700	27,0700			27,0700					
Certificate	DE000CV8BDY5	DAX 9000TL 1218Z	EUR	25,6000	25,6000	25,6000			25,6000					
Certificate	DE000CN6ELV2	DAX 9030TL OPENZ	EUR	26,6750	26,6750	26,6750			26,6750					
Certificate	NL0010891628	DAX 9050TL OPENB	EUR	27,6650	27,6650	27,6650			27,6650					
Certificate	DE000CN6JCN7	DAX 9072TL OPENZ	EUR	24,8900	24,8900	24,8900			24,8900					
Certificate	DE000CX00BR5	DAX 9100TL OPENC	EUR	18,1100	18,1100	18,1100			18,1100					
Certificate	NL0011719000	DAX 9130TL OPENH	EUR	25,5700	25,5700	25,5700			25,5700					
Certificate	NL0010442182	DAX 9132BL OPENB	EUR	24,4800	24,4800	24,4800			24,4800					
Certificate	DE000CR9SDN6	DAX 9177TL OPENZ	EUR	23,8500	23,8500	23,8500			23,8500					
Certificate	NL0010442661	DAX 9247BL OPENB	EUR	23,3300	23,3300	23,3300			23,3300					
Certificate	NL0011649215	DAX 9250TL OPENB	EUR	25,6850	25,6850	25,6850			25,6850					
Certificate	NL0011718986	DAX 9270TL OPENH	EUR	24,1700	24,1700	24,1700			24,1700					
Certificate	DE000CN6ELU4	DAX 9290TL OPENZ	EUR	24,0850	24,0850	24,0850			24,0850					
Certificate	DE000CX0KUHO	DAX 9300TL OPENC	EUR	16,8400	16,8400	16,8400			16,8400					
Certificate	NL0011649223	DAX 9360TL OPENB	EUR	24,6750	24,6750	24,6750			24,6750					
Certificate	DE000CN6JH81	DAX 9393TL OPENZ	EUR	21,6900	21,6900	21,6900			21,6900					
Certificate	DE000CV8AUC7	DAX 9400TL 1218Z	EUR	21,6000	21,6000	21,6000			21,6000					
Certificate	DE000CX0KW03	DAX 9400TL OPENC	EUR	15,8100	15,8100	15,8100			15,8100					
Certificate	DE000CN6JJ73	DAX 9445TL OPENZ	EUR	21,1700	21,1700	21,1700			21,1700					
Certificate	DE000CX0KW11	DAX 9500TL OPENC	EUR	14,7500	14,7500	14,7500			14,7500					
Certificate	NL0011650320	DAX 9510TL OPENB	EUR	23,1550	23,1550	23,1550			23,1550					
Certificate	NL0013008105	DAX 9544BL OPENB	EUR	20,4050	20,4050	20,4050			20,4050					
Certificate	NL0013081474	DAX 9550TL OPENH	EUR	21,3900	21,3900	21,3900			21,3900					
Certificate	DE000CN6JG65	DAX 9550TL OPENZ	EUR	20,1300	20,1300	20,1300			20,1300					
Certificate	NL0013082290	DAX 9557TRLOPENH	EUR	19,9800	19,9800	19,9800			19,9800					
Certificate	DE000CR4GZ95	DAX 9560TL OPENZ	EUR	21,4850	21,4850	21,4850			21,4850					
Certificate	DE000CX0KW29	DAX 9600TL OPENC	EUR	13,6900	13,6900	13,6900			13,6900					
Certificate	NL0011900220	DAX 9640TL OPENB	EUR	21,9150	21,9150	21,9150			21,9150					
Certificate	DE000CN6JCK3	DAX 9673TL OPENZ	EUR	18,9100	18,9100	18,9100			18,9100					
Certificate	DE000CX0KW37	DAX 9700TL OPENC	EUR	12,6300	12,6300	12,6300			12,6300					
Certificate	DE000CN6JSG6	DAX 9722TL OPENZ	EUR	18,4100	18,4100	18,4100			18,4100					
Certificate	NL0011718473	DAX 9726TRLOPENH	EUR	18,3100	18,3100	18,3100			18,3100					
Certificate	NL0013008113	DAX 9744BL OPENB	EUR	18,3950	18,3950	18,3950			18,3950					
Certificate	NL0011891890	DAX 9770TL OPENH	EUR	19,2000	19,2000	19,2000			19,2000					
Certificate	NL0011718465	DAX 9780TRLOPENH	EUR	17,7700	17,7700	17,7700			17,7700					
Certificate	DE000CV8AAJ4	DAX 9800TL 1218Z	EUR	17,6100	17,6100	17,6100			17,6100					
Certificate	NL0011896410	DAX 9810TL OPENH	EUR	18,8800	18,8800	18,8800			18,8800					
Certificate	DE000CN6JVP2	DAX 9820TL OPENZ	EUR	18,9350	18,9350	18,9350			18,9350					
Certificate	DE000CN6JSR4	DAX 9877TL OPENZ	EUR	16,8750	16,8750	16,8750			16,8750					
Certificate	DE000CX0KXU7	DAX 9900TL OPENC	EUR	10,6200	10,6200	10,6200			10,6200					
Certificate	NL0013008121	DAX 9944BL OPENB	EUR	16,3950	16,3950	16,3950			16,3950					
Certificate	NL0013082282	DAX 9957TRLOPENH	EUR	15,9800	15,9800	15,9800			15,9800					
Certificate	DE000CN6JZ32	DAX 9979TL OPENZ	EUR	15,8600	15,8600	15,8600			15,8600					
Certificate	DE000CJ3NYJ4	DAX 10000SWT0119Z	EUR	8,7500	8,7500	8,7500			8,7500					
Certificate	DE000CP06MT1	DAX 10000TL 0319C	EUR	15,6900	15,6900	15,6900			15,6900					
Certificate	NL0011907050	DAX 10000TL OPENB	EUR	18,4550	18,4550	18,4550			18,4550					
Certificate	DE000CX0KXV5	DAX 10000TL OPENC	EUR	9,5600	9,5600	9,5600			9,5600					
Certificate	DE000CX59C80	DAX 10000TL OPENC	EUR	11,1100	11,1100	11,1100			11,1100					
Certificate	DE000CQ5AA59	DAX 10000TL OPENC	EUR	14,9300	14,9300	14,9300			14,9300					
Certificate	NL0011926514	DAX 10010TL OPENH	EUR	16,8500	16,8500	16,8500			16,8500					
Certificate	NL0013083488	DAX 10056TRLOPENH	EUR	14,9900	14,9900	14,9900			14,9900					
Certificate	DE000CD623K2	DAX 10070TL OPENZ	EUR	16,3950	16,3950	16,3950			16,3950					
Certificate	DE000CN6JZ57	DAX 10082TL OPENZ	EUR	14,8250	14,8250	14,8250			14,8250					
Certificate	DE000CX59RV9	DAX 10100TL OPENC	EUR	10,4400	10,4400	10,4400			10,4400					
Certificate	NL0012610976	DAX 10110TRLOPENH	EUR	14,4500	14,4500	14,4500			14,4500					
Certificate	DE000CD61SA9	DAX 10133TL OPENZ	EUR	14,3200	14,3200	14,3200			14,3200					
Certificate	NL0011927496	DAX 10170TL OPENH	EUR	15,0000	15,3200	15,0000	1500,0000	1	15,3200	100				
Certificate	DE000CV8AAK2	DAX 10200TL 1218Z	EUR	13,6100	13,6100	13,6100			13,6100					
Certificate	DE000CX59FH3	DAX 10200TL OPENC	EUR	8,3000	8,3000	8,3000			8,3000					
Certificate	DE000CX59RW7	DAX 10200TL OPENC	EUR	9,4000	9,4000	9,4000			9,4000					
Certificate	NL0013083470	DAX 10206TRLOPENH	EUR	13,5300	13,5300	13,5300			13,5300					
Certificate	DE000CD62676	DAX 10234TL OPENZ	EUR	13,3100	13,3100	13,3100			13,3100					
Certificate	DE000VA71V44	DAX 10240TL OPENV	EUR	13,1850	13,1850	13,1850			13,1850					
Certificate	DE000VA71V25	DAX 10240TL OPENV	EUR	15,0950	15,0950	15,0950			15,0950					
Certificate	NL0011907910	DAX 10253BL OPENB	EUR	14,7500	15,7500	13,3450	28986,0000	7	13,3450	1950				
Certificate	NL0013083462	DAX 10256TRLOPENH	EUR	13,0300	13,0300	13,0300			13,0300					
Certificate	NL0011907084	DAX 10260TL OPENB	EUR	15,9350	15,9350	15,9350			15,9350					
Certificate	DE000CD62756	DAX 10285TL OPENZ	EUR	12,8100	12,8100	12,8100			12,8100					
Certificate	DE000VA71V10	DAX 10290TL OPENV	EUR	14,6050	14,6050	14,6050			14,6050					
Certificate	DE000VA71V69	DAX 10290TL OPENV	EUR	12,6850	12,6850	12,6850			12,6850					
Certificate	DE000VA71VB6	DAX 10300TL 0319V	EUR	12,7350	12,7350	12,7350			12,7350					
Certificate	DE000CX59M54	DAX 10300TL OPENC	EUR	7,3600	7,3600	7,3600			7,3600					



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	DE000CX59RX5	DAX 10300TL OPENC	EUR	8,3600	8,3600	8,3600			8,3600					
Certificate	NL0013083454	DAX 10306TRLOPENH	EUR	12,5300	12,5300	12,5300			12,5300					
Certificate	NL0011909197	DAX 10320TL OPENB	EUR	16,8000	16,8150	15,3450	1680,0000	1	15,3450	100				
Certificate	DE000CD623L0	DAX 10330TL OPENZ	EUR	16,0500	16,0500	13,8550	2600,1000	1	13,8550	162				
Certificate	DE000CD62684	DAX 10337TL OPENZ	EUR	12,2900	12,2900	12,2900			12,2900					
Certificate	DE000VA71V28	DAX 10340TL OPENV	EUR	14,1150	14,1150	14,1150			14,1150					
Certificate	DE000VA71V77	DAX 10340TL OPENV	EUR	12,1850	12,1850	12,1850			12,1850					
Certificate	NL0013083447	DAX 10356TRLOPENH	EUR	12,0100	12,0100	12,0100			12,0100					
Certificate	NL0011907928	DAX 10359BL OPENB	EUR	12,2850	12,2850	12,2850			12,2850					
Certificate	NL0011909205	DAX 10370TL OPENB	EUR	14,8450	14,8450	14,8450			14,8450					
Certificate	DE000CD628L9	DAX 10387TL OPENZ	EUR	11,7950	11,7950	11,7950			11,7950					
Certificate	DE000VA71V36	DAX 10390TL OPENV	EUR	13,6250	13,6250	13,6250			13,6250					
Certificate	DE000VA71VC4	DAX 10400TL 0319V	EUR	11,7450	11,7450	11,7450			11,7450					
Certificate	DE000CV0AK15	DAX 10400TL OPENC	EUR	6,4800	6,4800	6,4800			6,4800					
Certificate	DE000CP07C00	DAX 10400TL OPENC	EUR	12,6000	12,6000	12,6000			12,6000					
Certificate	NL0012903876	DAX 10410TL OPENH	EUR	12,9300	12,9300	12,9300			12,9300					
Certificate	NL0012904833	DAX 10417TRLOPENH	EUR	11,4000	11,4000	11,4000			11,4000					
Certificate	DE000VA71N85	DAX 10439TL OPENV	EUR	11,1950	11,1950	11,1950			11,1950					
Certificate	DE000CD62692	DAX 10439TL OPENZ	EUR	11,2700	11,2700	11,2700			11,2700					
Certificate	DE000VA71N22	DAX 10440TL OPENV	EUR	13,1250	13,1250	13,1250			13,1250					
Certificate	LU1840976994	DAX 10447TCIOPENS	EUR	11,2500	11,2500	11,2500			11,2500					
Certificate	DE000VA71PA0	DAX 10489TL OPENV	EUR	10,6950	10,6950	10,6950			10,6950					
Certificate	DE000CD627R8	DAX 10489TL OPENZ	EUR	10,7700	10,7700	10,7700			10,7700					
Certificate	DE000VA71N10	DAX 10490TL OPENV	EUR	12,6350	12,6350	12,6350			12,6350					
Certificate	DE000CP06MU9	DAX 10500TL 0319C	EUR	10,7200	10,7200	10,7200			10,7200					
Certificate	DE000VA71M78	DAX 10500TL 0319V	EUR	10,7450	10,7450	10,7450			10,7450					
Certificate	DE000CX59UM2	DAX 10500TL OPENC	EUR	6,8000	6,8000	5,3900	25460,0000	7	5,3900	4000				
Certificate	DE000CX59W45	DAX 10500TL OPENC	EUR	6,3500	6,3500	6,3500			6,3500					
Certificate	NL0013081466	DAX 10500TL OPENH	EUR	12,0200	12,0200	12,0200			12,0200					
Certificate	NL0011911516	DAX 10520TL OPENB	EUR	13,3750	13,3750	13,3750			13,3750					
Certificate	NL0013082894	DAX 10526TRLOPENH	EUR	10,3300	10,3300	10,3300			10,3300					
Certificate	DE000VA71PD4	DAX 10539TL OPENV	EUR	10,1950	10,1950	10,1950			10,1950					
Certificate	DE000VA71N36	DAX 10540TL OPENV	EUR	12,1450	12,1450	12,1450			12,1450					
Certificate	DE000CD626A6	DAX 10541TL OPENZ	EUR	10,2550	10,2550	10,2550			10,2550					
Certificate	NL0013081045	DAX 10549TRLOPENH	EUR	10,1000	10,1000	10,1000			10,1000					
Certificate	NL0013081458	DAX 10580TL OPENH	EUR	11,2400	11,2400	11,2400			11,2400					
Certificate	NL0013082274	DAX 10587TRLOPENH	EUR	9,7100	9,7100	9,7100			9,7100					
Certificate	DE000VA71PG7	DAX 10589TL OPENV	EUR	9,6950	9,6950	9,6950			9,6950					
Certificate	DE000VA71N51	DAX 10590TL OPENV	EUR	11,6550	11,6550	11,6550			11,6550					
Certificate	DE000CD62A08	DAX 10590TL OPENZ	EUR	11,3250	11,3250	11,3250			11,3250					
Certificate	DE000CD626B4	DAX 10592TL OPENZ	EUR	9,7400	9,7400	9,7400			9,7400					
Certificate	DE000VA71NA5	DAX 10600TL 0319V	EUR	9,7550	9,7550	9,7550			9,7550					
Certificate	DE000CV8AAL0	DAX 10600TL 1218Z	EUR	9,6400	9,6400	9,6400			9,6400					
Certificate	DE000CX59UN0	DAX 10600TL OPENC	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	DE000CX59W52	DAX 10600TL OPENC	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	NL0011911623	DAX 10620BL OPENB	EUR	9,6650	9,6650	9,6650			9,6650					
Certificate	NL0013081037	DAX 10630TRLOPENH	EUR	9,3000	9,3000	9,3000			9,3000					
Certificate	LU1840977026	DAX 10641TCIOPENS	EUR	9,3400	9,3400	9,3400			9,3400					
Certificate	DE000VA77FD0	DAX 10641TL OPENV	EUR	9,1550	9,1550	9,1550			9,1550					
Certificate	DE000CD626C2	DAX 10644TL OPENZ	EUR	9,2300	9,2300	9,2300			9,2300					
Certificate	DE000VA6EAU9	DAX 10660TL OPENV	EUR	13,0500	13,0550	10,8050	20910,0000	8	10,8050	1700				
Certificate	NL0012029045	DAX 10670TL OPENB	EUR	11,9550	11,9550	11,9550			11,9550					
Certificate	NL0011993241	DAX 10680TL OPENH	EUR	10,2500	10,2500	10,2500			10,2500					
Certificate	NL0013083439	DAX 10686TRLOPENH	EUR	8,7400	8,7400	8,7400			8,7400					
Certificate	DE000CD628K1	DAX 10694TL OPENZ	EUR	8,7300	8,7300	8,7300			8,7300					
Certificate	DE000VA77D24	DAX 10700TL 0319V	EUR	8,7550	8,7550	8,7550			8,7550					
Certificate	DE000VA71U45	DAX 10700TL 1218V	EUR	8,6550	8,6550	8,6550			8,6550					
Certificate	DE000CX59UP5	DAX 10700TL OPENC	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	DE000CX59W60	DAX 10700TL OPENC	EUR	5,6500	6,5200	4,1800	43035,8100	52	4,2800	7879				
Certificate	NL0013083421	DAX 10706TRLOPENH	EUR	8,5600	8,5600	8,5600			8,5600					
Certificate	DE000VAGEAX3	DAX 10710TL OPENV	EUR	10,3150	10,3150	10,3150			10,3150					
Certificate	NL0011931043	DAX 10724TRLOPENH	EUR	8,3600	8,3600	8,3600			8,3600					
Certificate	NL0011993233	DAX 10730TL OPENH	EUR	9,7500	9,7500	9,7500			9,7500					
Certificate	DE000VA77CF2	DAX 10738TL OPENV	EUR	8,1850	8,1850	8,1850			8,1850					
Certificate	DE000CD62AS7	DAX 10744TL OPENZ	EUR	8,2350	8,2350	8,2350			8,2350					
Certificate	DE000VAGEAZ8	DAX 10760TL OPENV	EUR	9,8250	9,8250	9,8250			9,8250					
Certificate	NL0012030050	DAX 10770TL OPENB	EUR	13,2000	13,2000	10,9550	1584,0000	1	10,9550	120				
Certificate	LU1840977299	DAX 10779TCIOPENS	EUR	7,9800	7,9800	7,9800			7,9800					
Certificate	NL0013083413	DAX 10786TRLOPENH	EUR	7,7500	7,7500	7,7500			7,7500					
Certificate	DE000VA77CK2	DAX 10788TL OPENV	EUR	7,6850	7,6850	7,6850			7,6850					
Certificate	DE000CD62CC7	DAX 10794TL OPENZ	EUR	7,7300	7,7300	7,7300			7,7300					
Certificate	DE000VA77B22	DAX 10800TL 0319V	EUR	7,7650	7,7650	7,7650			7,7650					



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	DE000CV8BDZ2	DAX 10800TL 1218Z	EUR	7,6600	7,6600	7,6600			7,6600					
Certificate	DE000CX59Y92	DAX 10800TL OPENC	EUR	3,7500	4,4400	2,3000	4026,0000	5	2,3000	1100				
Certificate	DE000CX59283	DAX 10800TL OPENC	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	NL0012095640	DAX 10810TL OPENH	EUR	9,0400	9,0400	9,0400			9,0400					
Certificate	DE000VAGEA09	DAX 10810TL OPENV	EUR	9,3350	9,3350	9,3350			9,3350					
Certificate	NL0012095632	DAX 10830TL OPENH	EUR	8,8100	8,8100	8,8100			8,8100					
Certificate	NL0013081029	DAX 10830TRL OPENH	EUR	7,3100	7,3100	7,3100			7,3100					
Certificate	DE000CD62CD5	DAX 10845TL OPENZ	EUR	7,2200	7,2200	7,2200			7,2200					
Certificate	DE000VA3ZWT7	DAX 10850TL 1218V	EUR	7,1650	7,1650	7,1650			7,1650					
Certificate	DE000CD62EB5	DAX 10850TL OPENZ	EUR	8,7850	8,7850	8,7850			8,7850					
Certificate	NL0013079809	DAX 10850TRL OPENH	EUR	7,1000	7,1000	7,1000			7,1000					
Certificate	DE000VAGEA17	DAX 10860TL OPENV	EUR	8,8450	8,8450	8,8450			8,8450					
Certificate	NL0012029409	DAX 10882BL OPENB	EUR	8,1800	8,2850	7,0450	8220,0000	2	7,0450	1000				
Certificate	DE000VA7PVQ7	DAX 10884TL OPENV	EUR	6,7050	6,7050	6,7050			6,7050					
Certificate	NL0013083405	DAX 10886TRL OPENH	EUR	6,7600	6,7600	6,7600			6,7600					
Certificate	DE000CD62CE3	DAX 10897TL OPENZ	EUR	6,7200	6,7200	6,7200			6,7200					
Certificate	DE000VA7PVH6	DAX 10900TL 0319V	EUR	6,7750	6,7750	6,7750			6,7750					
Certificate	DE000VA3ZWU5	DAX 10900TL 1218V	EUR	6,6650	6,6650	6,6650			6,6650					
Certificate	DE000CX59YA9	DAX 10900TL OPENC	EUR	2,1100	2,1700	1,0200	1839,0000	5	1,2600	1200				
Certificate	DE000CX59291	DAX 10900TL OPENC	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	DE000VAGEA25	DAX 10910TL OPENV	EUR	8,3550	8,3550	8,3550			8,3550					
Certificate	NL0012898597	DAX 10911TRL OPENH	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	NL0013079122	DAX 10920TL OPENH	EUR	7,8600	7,8600	7,8600			7,8600					
Certificate	DE000VAGEA66	DAX 10925TL OPENV	EUR	6,1750	6,1750	6,1750			6,1750					
Certificate	DE000CD62F52	DAX 10945TL OPENZ	EUR	6,4800	6,4800	6,2400	23328,0000	5	6,2400	3600				
Certificate	NL0013084528	DAX 10945TRL OPENH	EUR	6,1700	6,1700	6,1700			6,1700					
Certificate	NL0013083397	DAX 10946TRL OPENH	EUR	6,1500	6,1500	6,1500			6,1500					
Certificate	LU1732548901	DAX 10948TL OPENS	EUR	6,1700	6,1700	6,1700			6,1700					
Certificate	DE000VA3ZWW3	DAX 10950TL 1218V	EUR	6,1750	6,1750	6,1750			6,1750					
Certificate	DE000VAGEA33	DAX 10960TL OPENV	EUR	7,8650	7,8650	7,8650			7,8650					
Certificate	NL0012036925	DAX 10970TL OPENB	EUR	9,1000	9,1000	8,9650	9100,0000	1	8,9650	1000				
Certificate	DE000VAGEA74	DAX 10975TL OPENV	EUR	5,6850	5,6850	5,6850			5,6850					
Certificate	NL0013082886	DAX 10977TRL OPENH	EUR	5,8600	5,8600	5,8600			5,8600					
Certificate	NL0012091219	DAX 10990TL OPENH	EUR	7,1600	7,1600	7,1600			7,1600					
Certificate	NL0013008139	DAX 10995BL OPENB	EUR	5,8950	5,8950	5,8950			5,8950					
Certificate	DE000CD63J21	DAX 10995TL OPENZ	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	NL0011994868	DAX 10995TRL OPENH	EUR	5,6900	5,6900	5,6900			5,6900					
Certificate	DE000CJ3NYK2	DAX 11000SWT0119Z	EUR	4,0600	4,0600	4,0600			4,0600					
Certificate	DE000CJ3NYL0	DAX 11000SWT0119Z	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	DE000CP06MV7	DAX 11000TL 0319C	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	DE000VA64082	DAX 11000TL 0319V	EUR	5,7850	5,7850	5,7850			5,7850					
Certificate	DE000VA3ZWW1	DAX 11000TL 1218V	EUR	5,6850	5,6850	5,6850			5,6850					
Certificate	DE000CV8AAM8	DAX 11000TL 1218Z	EUR	5,6800	5,6800	5,6800			5,6800					
Certificate	DE000CY0AKC2	DAX 11000TL OPENC	EUR											
Certificate	DE000CY0AK23	DAX 11000TL OPENC	EUR											
Certificate	DE000VAGEA41	DAX 11010TL OPENV	EUR	7,3750	7,3750	7,3750			7,3750					
Certificate	DE000VAGEA82	DAX 11025TL OPENV	EUR	5,2050	5,2050	5,2050			5,2050					
Certificate	NL0013082878	DAX 11027TRL OPENH	EUR	5,3600	5,3600	5,3600			5,3600					
Certificate	NL0012091201	DAX 11040TL OPENH	EUR	8,8200	8,8200	6,7500	2822,4000	1	6,7500	320				
Certificate	DE000CJ3N4B3	DAX 11042TL OPENZ	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	DE000VA3ZWX9	DAX 11050TL 1218V	EUR	5,2015	5,2015	5,2015			5,2015					
Certificate	NL0013081011	DAX 11050TRL OPENH	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	DE000VAGEA58	DAX 11060TL OPENV	EUR	6,8750	6,8750	6,8750			6,8750					
Certificate	DE000VL954Q6	DAX 11070TL OPENV	EUR	5,9550	5,9550	5,9550			5,9550					
Certificate	DE000VAGEA90	DAX 11075TL OPENV	EUR	4,7135	4,7135	4,7135			4,7135					
Certificate	DE000VL954R4	DAX 11087TL OPENV	EUR	3,7835	3,7835	3,7835			3,7835					
Certificate	NL0013081003	DAX 11090TRL OPENH	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	NL0013008147	DAX 11095BL OPENB	EUR	4,8950	4,8950	4,8950			4,8950					
Certificate	DE000CD63M11	DAX 11095TL OPENZ	EUR	4,7550	4,7550	4,7550			4,7550					
Certificate	DE000VAGEA1A5	DAX 11100TL 0319V	EUR	4,7915	4,7915	4,7915			4,7915					
Certificate	DE000VA3Z556	DAX 11100TL 1218V	EUR	4,7155	4,7155	4,7155			4,7155					
Certificate	DE000CY0AMR6	DAX 11100TL OPENC	EUR											
Certificate	DE000CD63XS7	DAX 11100TL OPENZ	EUR	6,2750	6,2750	6,2750			6,2750					
Certificate	NL0012907448	DAX 11120TL OPENH	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	NL0012091425	DAX 11121TRL OPENH	EUR	4,4300	4,4300	4,4300			4,4300					
Certificate	DE000VL8XP9G	DAX 11130TL OPENV	EUR	5,3550	5,3550	5,3550			5,3550					
Certificate	DE000VL8XP7	DAX 11137TL OPENV	EUR	3,2805	3,2805	3,2805			3,2805					
Certificate	DE000CD63M29	DAX 11146TL OPENZ	EUR	5,6200	5,6200	4,2550	20232,0000	4	4,2550	3600				
Certificate	NL0013083389	DAX 11146TRL OPENH	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	NL0013082266	DAX 11147TRL OPENH	EUR	4,1700	4,1700	4,1700			4,1700					
Certificate	DE000VA3ZWY7	DAX 11150TL 1218V	EUR	4,2295	4,2295	4,2295			4,2295					
Certificate	LU1840977372	DAX 11162TCIOPENS	EUR	6,1900	6,2000	4,2300	1391,5500	5	4,2300	230				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013080997	DAX 11170TRLOPENH	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	NL0012038210	DAX 11180TL OPENB	EUR	8,4000	9,1500	6,9750	17550,0000	2	6,9750	2000				
Certificate	NL0012049621	DAX 11180TL OPENH	EUR	6,7200	7,4500	5,0900	93398,9000	11	5,3200	14642				
Certificate	DE000VL8XM98	DAX 11180TL OPENV	EUR	4,8535	4,8535	4,8535			4,8535					
Certificate	DE000CD63XN8	DAX 11195TL OPENZ	EUR	3,7650	3,7650	3,7650			3,7650					
Certificate	NL0012038574	DAX 11196BL OPENB	EUR	5,2000	6,0500	3,5950	24059,1000	14	3,9250	5310				
Certificate	DE000CP06MW5	DAX 11200TL 0319C	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	DE000VA641C1	DAX 11200TL 0319V	EUR	3,8045	3,8045	3,8045			3,8045					
Certificate	DE000VA32572	DAX 11200TL 1218V	EUR	3,7455	3,7455	3,7455			3,7455					
Certificate	DE000CV8AW92	DAX 11200TL 1218Z	EUR	5,9400	5,9400	3,5700	8706,9000	5	3,7250	1705				
Certificate	DE000CY16TX9	DAX 11200TL OPENC	EUR											
Certificate	DE000CY0AQ84	DAX 11200TL OPENC	EUR											
Certificate	NL0013080989	DAX 11200TRLOPENH	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	NL0012905699	DAX 11217TRLOPENH	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	DE000VL8XFC9	DAX 11226TL OPENV	EUR	2,3055	2,3055	2,3055			2,3055					
Certificate	NL0012038939	DAX 11230TL OPENB	EUR	6,5500	6,5550	6,4850	1310,0000	1	6,4850	200				
Certificate	NL0012898868	DAX 11230TL OPENH	EUR	4,7900	4,7900	4,7900			4,7900					
Certificate	DE000VL8XE98	DAX 11230TL OPENV	EUR	4,2675	4,2675	4,2675			4,2675					
Certificate	LU1840977455	DAX 11245TCIOPENS	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	DE000CD63YF2	DAX 11245TL OPENZ	EUR	3,2750	3,2750	3,2750			3,2750					
Certificate	NL0013084510	DAX 11245TRLOPENH	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	NL0013083371	DAX 11246TRLOPENH	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	DE000VA32WZ4	DAX 11250TL 1218V	EUR	3,2605	3,2605	3,2605			3,2605					
Certificate	NL0013080971	DAX 11250TRLOPENH	EUR	3,1800	3,1800	3,1800			3,1800					
Certificate	DE000VL8XFD7	DAX 11276TL OPENV	EUR	3,5270	3,9280	1,8135	12550,0000	4	1,8135	3500				
Certificate	NL0012050330	DAX 11280TL OPENH	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	DE000VL8XFA3	DAX 11280TL OPENV	EUR	3,7725	3,7725	3,7725			3,7725					
Certificate	NL0013080963	DAX 11280TRLOPENH	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	DE000CD63YGO	DAX 11295TL OPENZ	EUR	3,3000	3,3000	2,7750	990,0000	1	2,7750	300				
Certificate	NL0012904825	DAX 11298TRLOPENH	EUR	2,7300	2,7300	2,7300			2,7300					
Certificate	DE000VA641E7	DAX 11300TL 0319V	EUR	2,8355	2,8355	2,8355			2,8355					
Certificate	DE000VA32598	DAX 11300TL 1218V	EUR	2,7765	2,7765	2,7765			2,7765					
Certificate	DE000CP06VG9	DAX 11300TL OPENC	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	DE000CY16504	DAX 11300TL OPENC	EUR											
Certificate	DE000CP07C18	DAX 11300TL OPENC	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	LU1840977539	DAX 11303TCIOPENS	EUR	2,8500	2,8500	2,8500			2,8500					
Certificate	NL0013079999	DAX 11320TL OPENH	EUR	5,5800	5,5800	3,6300	55588,2000	11	3,9400	11780				
Certificate	DE000VL8XFE5	DAX 11326TL OPENV	EUR	2,7090	2,9790	1,2190	9583,6500	7	1,3215	4400				
Certificate	NL0012038954	DAX 11330TL OPENB	EUR	7,6600	7,6650	5,3200	44345,5000	8	5,4750	6250				
Certificate	DE000VL8XFB1	DAX 11330TL OPENV	EUR	3,2775	3,2775	3,2775			3,2775					
Certificate	NL0013080955	DAX 11330TRLOPENH	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	DE000CD63YH8	DAX 11346TL OPENZ	EUR	4,1450	4,1500	2,2650	8658,0000	4	2,2650	2200				
Certificate	DE000VA32W01	DAX 11350TL 1218V	EUR	2,2935	2,2935	2,2935			2,2935					
Certificate	NL0013079791	DAX 11351TRLOPENH	EUR	4,4400	4,4400	2,2000	9097,5000	3	2,2000	2125				
Certificate	NL0013007537	DAX 11356BL OPENB	EUR	2,0000	2,3400	1,9250	5432,4000	5	2,2850	2640				
Certificate	DE000CD63Z16	DAX 11360TL OPENZ	EUR	3,7650	3,7650	3,7650			3,7650					
Certificate	NL0012905681	DAX 11367TRLOPENH	EUR	2,1600	2,1600	2,0600	1728,0000	1	2,0600	800				
Certificate	LU1840977612	DAX 11376TCIOPENS	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	NL0012050892	DAX 11380TL OPENH	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	DE000CD63YJ4	DAX 11396TL OPENZ	EUR	1,7650	1,7650	1,7650			1,7650					
Certificate	DE000CP06MX3	DAX 11400TL 0319C	EUR	3,7000	3,7100	1,9200	590,0000	2	1,9200	200				
Certificate	DE000VA641H0	DAX 11400TL 0319V	EUR	1,8705	1,8705	1,8705			1,8705					
Certificate	DE000VA32TB1	DAX 11400TL 1218V	EUR	1,8115	1,8115	1,8115			1,8115					
Certificate	DE000CV8AAN6	DAX 11400TL 1218Z	EUR	3,1400	3,8600	1,7200	1484,6600	7	1,7750	575				
Certificate	DE000VL76FF6	DAX 11410TL OPENV	EUR											
Certificate	NL0013079783	DAX 11411TRLOPENH	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	NL0012171540	DAX 11430TL OPENH	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	NL0012090476	DAX 11435TRLOPENH	EUR	3,0800	3,1300	1,4200	8454,7500	8	1,4200	3350				
Certificate	NL0012039689	DAX 11440TL OPENB	EUR	5,9200	6,6600	4,4950	9577,0000	5	4,4950	1600				
Certificate	DE000CJ3PCF3	DAX 11445TL OPENZ	EUR											
Certificate	DE000VA32W19	DAX 11450TL 1218V	EUR	1,2330	1,3295	1,2330	616,5000	1	1,3295	500				
Certificate	NL0013007529	DAX 11456BL OPENB	EUR	2,6700	3,5900	1,0500	72935,0000	64	1,2700	28610				
Certificate	DE000VL76FG4	DAX 11460TL OPENV	EUR											
Certificate	LU1840910621	DAX 11464TCIOPENS	EUR											
Certificate	NL0012898589	DAX 11470TRLOPENH	EUR											
Certificate	NL0013009202	DAX 11480TL OPENB	EUR											
Certificate	NL0013084502	DAX 11485TRLOPENH	EUR	3,1000	3,1000	0,8600	381,4000	3	0,9800	190				
Certificate	NL0013078512	DAX 11489TRLOPENH	EUR											
Certificate	NL0013012321	DAX 11490TL OPENB	EUR	3,1000	4,1100	1,4500	27841,5000	9	1,7150	8500				
Certificate	DE000VA71FC2	DAX 11490TL OPENV	EUR											
Certificate	DE000VA71YH7	DAX 11490TL OPENV	EUR	2,8545	2,8545	2,8545			2,8545					
Certificate	DE000VA71Y09	DAX 11491TL OPENV	EUR	0,9295	0,9295	0,9295			0,9295					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CD64003	DAX 11493TL OPENZ	EUR											
Certificate	DE000CJ3PCG1	DAX 11495TL OPENZ	EUR											
Certificate	DE000CJ3NYN6	DAX 11500SWT0119Z	EUR											
Certificate	DE000CJ3NYM8	DAX 11500SWT0119Z	EUR											
Certificate	DE000VA71YU0	DAX 11500TL 0319V	EUR	0,9745	0,9745	0,9745			0,9745					
Certificate	DE000VA641K4	DAX 11500TL 0319V	EUR											
Certificate	DE000VA32TC9	DAX 11500TL 1218V	EUR											
Certificate	DE000CQ5A6W2	DAX 11500TL OPENC	EUR											
Certificate	NL0013084924	DAX 11500TL OPENH	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	NL0012898191	DAX 11500TL OPENH	EUR											
Certificate	NL0013078504	DAX 11509TRLOPENH	EUR											
Certificate	DE000VL76FH2	DAX 11510TL OPENV	EUR											
Certificate	NL0013078496	DAX 11526TRLOPENH	EUR											
Certificate	NL0013012495	DAX 11540TL OPENB	EUR	1,6000	1,6000	1,1000	6640,0000	3	1,2250	5400				
Certificate	DE000VA71YK1	DAX 11540TL OPENV	EUR	2,3735	2,3735	2,3735			2,3735					
Certificate	DE000VA71Y17	DAX 11541TL OPENV	EUR	0,6775	0,6775	0,6775			0,6775					
Certificate	NL0013078488	DAX 11546TRLOPENH	EUR											
Certificate	NL0013084916	DAX 11550TL OPENH	EUR											
Certificate	NL0012899835	DAX 11560TL OPENH	EUR											
Certificate	DE000VL61TH5	DAX 11560TL OPENV	EUR											
Certificate	NL0012592950	DAX 11570TRLOPENH	EUR											
Certificate	NL0012591176	DAX 11573TRLOPENH	EUR											
Certificate	DE000CD64128	DAX 11587TL OPENZ	EUR											
Certificate	NL0013012503	DAX 11590TL OPENB	EUR	2,1600	3,0150	1,7600	79260,0000	8	1,8000	33000				
Certificate	DE000VA71YP0	DAX 11590TL OPENV	EUR											
Certificate	DE000CP06MY1	DAX 11600TL 0319C	EUR											
Certificate	DE000CV8AAP1	DAX 11600TL 1218Z	EUR											
Certificate	DE000CP067L6	DAX 11600TL OPENC	EUR											
Certificate	DE000CD641Q1	DAX 11610TL OPENZ	EUR											
Certificate	NL0013078470	DAX 11616TRLOPENH	EUR											
Certificate	NL0012586283	DAX 11630TL OPENH	EUR											
Certificate	NL0013011612	DAX 11630TS OPENB	EUR											
Certificate	DE000CD64136	DAX 11638TL OPENZ	EUR											
Certificate	NL0012895544	DAX 11643TRLOPENH	EUR											
Certificate	NL0012098545	DAX 11650TL OPENH	EUR											
Certificate	DE000VA71VN1	DAX 11660TS OPENV	EUR											
Certificate	LU1732547762	DAX 11672TL OPENS	EUR											
Certificate	NL0012906358	DAX 11673TRLOPENH	EUR											
Certificate	NL0013082993	DAX 11680TS OPENH	EUR											
Certificate	DE000CD643J2	DAX 11687TL OPENZ	EUR											
Certificate	LU1841026849	DAX 11688TPIOPENS	EUR											
Certificate	DE000CP06PY4	DAX 11700TL 0319C	EUR											
Certificate	DE000CP06578	DAX 11700TL OPENC	EUR											
Certificate	NL0012098511	DAX 11700TL OPENH	EUR											
Certificate	DE000VA71VF7	DAX 11700TS 0319V	EUR											
Certificate	DE000VA71U86	DAX 11700TS 1218V	EUR											
Certificate	NL0012051981	DAX 11702TRLOPENH	EUR											
Certificate	DE000VA71VQ4	DAX 11710TS OPENV	EUR											
Certificate	DE000VA71UZ7	DAX 11723TS OPENV	EUR											
Certificate	NL0013009418	DAX 11730TS OPENB	EUR											
Certificate	NL0013081441	DAX 11740TS OPENH	EUR											
Certificate	DE000VA71VU6	DAX 11760TS OPENV	EUR											
Certificate	DE000VA71U03	DAX 11773TS OPENV	EUR											
Certificate	NL0013082860	DAX 11774TRSOPENH	EUR											
Certificate	NL0013011281	DAX 11786BS OPENB	EUR											
Certificate	DE000CP06M28	DAX 11800TL 0319C	EUR											
Certificate	DE000VA71VJ9	DAX 11800TS 0319V	EUR											
Certificate	DE000VA71VA8	DAX 11800TS 1218V	EUR											
Certificate	DE000CJ3PAU6	DAX 11800TS 1218Z	EUR											
Certificate	DE000CP06VH7	DAX 11800TS OPENC	EUR											
Certificate	DE000CP07C26	DAX 11800TS OPENC	EUR											
Certificate	NL0013081433	DAX 11800TS OPENH	EUR											
Certificate	NL0013082852	DAX 11804TRSOPENH	EUR											
Certificate	DE000VA71VW2	DAX 11810TS OPENV	EUR											
Certificate	DE000VA71U11	DAX 11823TS OPENV	EUR											
Certificate	NL0013009426	DAX 11830TS OPENB	EUR											
Certificate	NL0013082845	DAX 11834TRSOPENH	EUR											
Certificate	LU1840974510	DAX 11840TPIOPENS	EUR											
Certificate	DE000CJ3N4C1	DAX 11844TS OPENZ	EUR											
Certificate	NL0013080948	DAX 11848TRSOPENH	EUR	1,7900	3,1400	0,8200	49774,1800	40	3,1400	32168				
Certificate	NL0013081425	DAX 11850TS OPENH	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	DE000VA71NP3	DAX 11860TS OPENV	EUR	5,5150	5,5150	5,5150			5,5150					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA71U29	DAX 11873TS OPENV	EUR											
Certificate	NL0013080930	DAX 11878TRSOPENH	EUR	2,0300	3,4400	1,3000	6216,7000	9	3,4400	2470				
Certificate	LU1732547846	DAX 11880TL OPENS	EUR											
Certificate	NL0013080451	DAX 11884BS OPENB	EUR	2,3700	3,7650	1,4850	68624,4000	52	3,7350	32620				
Certificate	DE000CJ3N716	DAX 11897TS OPENZ	EUR											
Certificate	DE000VA71NE7	DAX 11900TS 0319V	EUR	3,8615	3,8615	3,8615			3,8615					
Certificate	DE000VA71MX9	DAX 11900TS 1218V	EUR	3,8285	3,8285	3,8285			3,8285					
Certificate	DE000CP07C34	DAX 11900TS OPENC	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	DE000CP06VJ3	DAX 11900TS OPENC	EUR	3,5900	3,5900	3,5900			3,5900					
Certificate	NL0013080922	DAX 11908TRSOPENH	EUR	2,3200	3,7300	1,4400	16060,0000	7	3,7300	8000				
Certificate	DE000VA71NR9	DAX 11910TS OPENV	EUR	6,0250	6,0250	6,0250			6,0250					
Certificate	NL0013081417	DAX 11920TS OPENH	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	DE000VA71MC3	DAX 11923TS OPENV	EUR	1,6580	3,8945	1,6580	157,8000	2	3,8945	80				
Certificate	LU1840974601	DAX 11930TPIOPENS	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	NL0013009434	DAX 11930TS OPENB	EUR	3,0300	5,0950	3,0250	6680,0000	2	5,0950	2000				
Certificate	NL0013080914	DAX 11938TRSOPENH	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	DE000CJ3N4D9	DAX 11943TS OPENZ	EUR	2,7300	4,1050	1,8400	98973,0000	67	4,1050	39100				
Certificate	NL0013083363	DAX 11944TRSOPENH	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	DE000VA71NT5	DAX 11960TS OPENV	EUR	6,5350	6,5350	6,5350			6,5350					
Certificate	NL0013080906	DAX 11968TRSOPENH	EUR	2,0600	4,3200	2,0600	11400,0000	2	4,3200	4000				
Certificate	DE000CJ3N5U0	DAX 11970TS OPENZ	EUR	5,6700	5,6700	5,6700			5,6700					
Certificate	DE000VA71MF6	DAX 11973TS OPENV	EUR	4,3815	4,3815	4,3815			4,3815					
Certificate	NL0013081409	DAX 11980TS OPENH	EUR	6,0800	6,0800	6,0800			6,0800					
Certificate	NL0013080469	DAX 11984BS OPENB	EUR	3,2900	4,7350	2,3200	17503,0000	15	4,7350	6760				
Certificate	DE000CJ3PCH9	DAX 11994TS OPENZ	EUR	4,5950	4,5950	4,5950			4,5950					
Certificate	DE000CJ3N724	DAX 11997TS OPENZ	EUR											
Certificate	NL0013080898	DAX 11998TRSOPENH	EUR	3,6500	4,6200	3,6500	912,5000	1	4,6200	250				
Certificate	DE000VA71NG2	DAX 12000TS 0319V	EUR	4,8785	4,8785	4,8785			4,8785					
Certificate	DE000VA71M03	DAX 12000TS 1218V	EUR	4,8255	4,8255	4,8255			4,8255					
Certificate	DE000CJ3PD15	DAX 12000TS 1218Z	EUR	4,7850	4,7850	4,7850			4,7850					
Certificate	DE000CJ3N719	DAX 12000TS 1218Z	EUR											
Certificate	DE000CP07C42	DAX 12000TS OPENC	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000CP06VK1	DAX 12000TS OPENC	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	DE000VA71NU3	DAX 12010TS OPENV	EUR	7,0450	7,0450	7,0450			7,0450					
Certificate	LU1840974783	DAX 12023TPIOPENS	EUR	4,9800	4,9800	4,9800			4,9800					
Certificate	DE000VA71MJ8	DAX 12023TS OPENV	EUR	2,6090	4,8695	2,5895	3735,1200	7	4,8695	1358				
Certificate	NL0013080880	DAX 12028TRSOPENH	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	NL0013007800	DAX 12030TS OPENB	EUR	4,5000	6,4850	4,5000	16779,6000	7	6,0950	3270				
Certificate	DE000CJ3N4E7	DAX 12043TS OPENZ	EUR	3,6450	5,0800	3,5400	4605,0000	4	5,0800	1250				
Certificate	NL0013079981	DAX 12050TS OPENH	EUR	6,7800	6,7800	6,7800			6,7800					
Certificate	NL0013080872	DAX 12058TRSOPENH	EUR	5,2200	5,2200	5,2200			5,2200					
Certificate	DE000VA71NW9	DAX 12060TS OPENV	EUR	7,5550	7,5550	7,5550			7,5550					
Certificate	DE000VA71MP5	DAX 12073TS OPENV	EUR	5,3550	5,3550	5,3550			5,3550					
Certificate	DE000VA1GJD2	DAX 12080TL OPENV	EUR											
Certificate	NL0013080477	DAX 12084BS OPENB	EUR	4,2900	5,7350	3,6650	2940,9000	9	5,7350	636				
Certificate	NL0013080864	DAX 12088TRSOPENH	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	DE000CJ3N732	DAX 12096TS OPENZ	EUR	5,6000	5,6000	5,6000			5,6000					
Certificate	DE000CQ5AQ80	DAX 12100TL OPENC	EUR											
Certificate	DE000VA71NK4	DAX 12100TS 0319V	EUR	5,8950	5,8950	5,8950			5,8950					
Certificate	DE000VA71M45	DAX 12100TS 1218V	EUR	5,8350	5,8350	5,8350			5,8350					
Certificate	DE000CP07C59	DAX 12100TS OPENC	EUR	6,7500	6,7500	6,7500			6,7500					
Certificate	DE000CP06VL9	DAX 12100TS OPENC	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	NL0013079973	DAX 12100TS OPENH	EUR	7,2700	7,2700	7,2700			7,2700					
Certificate	DE000VA71NY5	DAX 12110TS OPENV	EUR	8,0650	8,0650	8,0650			8,0650					
Certificate	LU1840959982	DAX 12118TPIOPENS	EUR	5,9000	5,9000	5,9000			5,9000					
Certificate	NL0013080856	DAX 12118TRSOPENH	EUR	5,8300	5,8300	5,8300			5,8300					
Certificate	DE000VA71MR1	DAX 12123TS OPENV	EUR	5,8450	5,8450	5,8450			5,8450					
Certificate	NL0013007123	DAX 12130TS OPENB	EUR	7,1050	7,1050	7,1050			7,1050					
Certificate	NL0013079965	DAX 12140TS OPENH	EUR	7,7000	7,7000	7,7000			7,7000					
Certificate	DE000CJ3N3U5	DAX 12142TS OPENZ	EUR	4,7000	6,0500	4,7000	235,0000	1	6,0500	50				
Certificate	NL0013084494	DAX 12145TRSOPENH	EUR	6,0900	6,0900	6,0900			6,0900					
Certificate	NL0013080849	DAX 12148TRSOPENH	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	DE000VA3TJM2	DAX 12160TL OPENV	EUR											
Certificate	DE000VA7TD32	DAX 12160TS OPENV	EUR	8,5350	8,5350	8,5350			8,5350					
Certificate	DE000VA7TE56	DAX 12174TS OPENV	EUR	4,9420	6,6000	3,9925	43151,3500	166	6,3150	8882				
Certificate	NL0013079775	DAX 12177TRSOPENH	EUR	6,4000	6,4000	6,4000			6,4000					
Certificate	NL0013079957	DAX 12180TS OPENH	EUR	8,0800	8,0800	8,0800			8,0800					
Certificate	NL0013006851	DAX 12183BS OPENB	EUR	5,4500	6,7900	4,4650	19326,9500	17	6,7250	3420				
Certificate	DE000CJ3N153	DAX 12192TS OPENZ	EUR	6,5400	6,5400	6,5400			6,5400					
Certificate	NL0013079767	DAX 12197TRSOPENH	EUR	6,6000	6,6000	6,6000			6,6000					
Certificate	DE000CQ5AX25	DAX 12200TL OPENC	EUR											
Certificate	DE000VA7TE98	DAX 12200TS 0319V	EUR	6,9050	6,9050	6,9050			6,9050					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA7TE72	DAX 12200TS 1218V	EUR	6,8450	6,8450	6,8450			6,8450					
Certificate	DE000CJ3N3T7	DAX 12200TS 1218Z	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	DE000CP06VM7	DAX 12200TS OPENC	EUR	6,5700	6,5700	6,5700			6,5700					
Certificate	DE000CP07C67	DAX 12200TS OPENC	EUR	7,7600	7,7600	7,7600			7,7600					
Certificate	DE000VA7TB67	DAX 12210TS OPENV	EUR	9,0350	9,0350	9,0350			9,0350					
Certificate	NL0013079759	DAX 12217TRSOPENH	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	NL0013079114	DAX 12220TS OPENH	EUR	7,2400	8,4700	7,1400	14237,2000	2	8,4700	1980				
Certificate	DE000CJ3N3C3	DAX 12220TS OPENZ	EUR	8,1900	8,1900	8,1900			8,1900					
Certificate	DE000VA7TDY1	DAX 12224TS OPENV	EUR	6,8050	6,8050	6,8050			6,8050					
Certificate	NL0013006448	DAX 12230TS OPENB	EUR	7,8300	8,1050	7,8150	391,5000	1	8,1050	50				
Certificate	LU1840910548	DAX 12232TPIOPENS	EUR	7,0200	7,0200	7,0200			7,0200					
Certificate	NL0013079742	DAX 12237TRSOPENH	EUR	7,0000	7,0000	7,0000			7,0000					
Certificate	DE000CJ3N0U1	DAX 12241TS OPENZ	EUR	5,2500	7,0200	5,2500	525,0000	1	7,0200	100				
Certificate	NL0013079106	DAX 12250TS OPENH	EUR	8,8100	8,8100	8,8100			8,8100					
Certificate	NL0013079734	DAX 12257TRSOPENH	EUR	7,2000	7,2000	7,2000			7,2000					
Certificate	DE000VA7TB83	DAX 12260TS OPENV	EUR	9,5450	9,5450	9,5450			9,5450					
Certificate	DE000VA7TD08	DAX 12274TS OPENV	EUR	7,3050	7,3050	7,3050			7,3050					
Certificate	NL0013079726	DAX 12277TRSOPENH	EUR	7,4000	7,4000	7,4000			7,4000					
Certificate	NL0013006125	DAX 12281BS OPENB	EUR	6,9500	7,7150	6,9500	13900,0000	1	7,7150	2000				
Certificate	DE000CJ3N0V9	DAX 12291TS OPENZ	EUR	6,2500	7,5300	5,1900	510,4400	49	7,5200	83				
Certificate	NL0013078462	DAX 12293TRSOPENH	EUR	7,5500	7,5500	7,5500			7,5500					
Certificate	DE000CQ5AXK7	DAX 12300TL OPENC	EUR											
Certificate	DE000CQ5AY02	DAX 12300TL OPENC	EUR											
Certificate	DE000VA7TB18	DAX 12300TS 0319V	EUR	7,9150	7,9150	7,9150			7,9150					
Certificate	DE000VA7TBX7	DAX 12300TS 1218V	EUR	7,8550	7,8550	7,8550			7,8550					
Certificate	NL0013079098	DAX 12300TS OPENH	EUR	9,3200	9,3200	9,3200			9,3200					
Certificate	DE000VA7TCA3	DAX 12310TS OPENV	EUR	10,0550	10,0550	10,0550			10,0550					
Certificate	DE000VA7TBS7	DAX 12324TS OPENV	EUR	7,7950	7,7950	7,7950			7,7950					
Certificate	DE000CV8A2Z1	DAX 12327TL OPENZ	EUR											
Certificate	NL0013005390	DAX 12330TS OPENB	EUR	9,1050	9,1050	9,1050			9,1050					
Certificate	DE000CJ3N0W7	DAX 12341TS OPENZ	EUR	8,0100	8,0100	8,0100			8,0100					
Certificate	DE000VA7TCD7	DAX 12360TS OPENV	EUR	10,5650	10,5650	10,5650			10,5650					
Certificate	DE000VA7TBU3	DAX 12374TS OPENV	EUR	8,2950	8,2950	8,2950			8,2950					
Certificate	NL0013005051	DAX 12380BS OPENB	EUR	6,8000	8,6950	6,6450	3745,0000	5	8,6950	500				
Certificate	NL0013079536	DAX 12385TRSOPENH	EUR	8,4800	8,4800	8,4800			8,4800					
Certificate	DE000CV8A302	DAX 12389TL OPENZ	EUR											
Certificate	DE000CJ3N0X5	DAX 12391TS OPENZ	EUR	8,5100	8,5100	8,5100			8,5100					
Certificate	NL0013079528	DAX 12395TRSOPENH	EUR	8,5500	8,5500	8,5500			8,5500					
Certificate	DE000CQ5AY10	DAX 12400TL OPENC	EUR											
Certificate	DE000CQ5AXL5	DAX 12400TL OPENC	EUR											
Certificate	DE000VA7TB34	DAX 12400TS 0319V	EUR	8,9350	8,9350	8,9350			8,9350					
Certificate	DE000VA7TBY5	DAX 12400TS 1218V	EUR	8,8550	8,8550	8,8550			8,8550					
Certificate	DE000CJ3N120	DAX 12400TS 1218Z	EUR	8,7600	8,7600	8,7600			8,7600					
Certificate	DE000CP06891	DAX 12400TS OPENC	EUR											
Certificate	DE000CP067N2	DAX 12400TS OPENC	EUR											
Certificate	NL0013078454	DAX 12403TRSOPENH	EUR	8,6600	8,6600	8,6600			8,6600					
Certificate	DE000VA7PVP9	DAX 12410TS OPENV	EUR	11,0450	11,0450	11,0450			11,0450					
Certificate	NL0012906895	DAX 12420TS OPENH	EUR	10,4800	10,4800	10,4800			10,4800					
Certificate	DE000VA7TBY1	DAX 12424TS OPENV	EUR	8,7950	8,7950	8,7950			8,7950					
Certificate	DE000CV8A310	DAX 12427TL OPENZ	EUR											
Certificate	NL0013004120	DAX 12430TS OPENB	EUR	7,7900	10,0750	7,7900	16180,0000	2	10,0750	2000				
Certificate	NL0012895478	DAX 12433TRSOPENH	EUR	7,7100	8,9500	6,6700	3538,9500	3	8,9500	485				
Certificate	DE000CV8ADE9	DAX 12439TL OPENZ	EUR											
Certificate	NL0012894471	DAX 12440TS OPENH	EUR	10,7400	10,7400	10,7400			10,7400					
Certificate	NL0012900567	DAX 12440TS OPENH	EUR	10,7600	10,7600	10,7400	1076,0000	1	10,7400	100				
Certificate	DE000CJ3N2X2	DAX 12440TS OPENZ	EUR	9,0000	9,0000	9,0000			9,0000					
Certificate	NL0012906341	DAX 12469TRSOPENH	EUR	9,3100	9,3100	9,3100			9,3100					
Certificate	DE000CV8B870	DAX 12470TS OPENZ	EUR	10,9800	10,9800	10,9800			10,9800					
Certificate	NL0012994701	DAX 12476BS OPENB	EUR	7,3800	9,6650	7,3650	1500,0000	2	9,6650	200				
Certificate	NL0012894430	DAX 12480TS OPENH	EUR	11,1400	11,1400	11,1400			11,1400					
Certificate	DE000CV8B896	DAX 12484TS OPENZ	EUR	9,4300	9,4300	9,4300			9,4300					
Certificate	NL0012894422	DAX 12490TS OPENH	EUR	11,2100	11,2100	11,2100			11,2100					
Certificate	DE000VA6D492	DAX 12490TS OPENV	EUR	11,6150	11,6150	11,6150			11,6150					
Certificate	DE000CQ5AY28	DAX 12500TL OPENC	EUR											
Certificate	DE000CQ5AXM3	DAX 12500TL OPENC	EUR											
Certificate	DE000CP06P21	DAX 12500TS 0319C	EUR	9,9500	9,9500	9,9500			9,9500					
Certificate	DE000VA7PVL8	DAX 12500TS 0319V	EUR	9,9350	9,9350	9,9350			9,9350					
Certificate	DE000VA6D527	DAX 12500TS 1218V	EUR	9,8650	9,8650	9,8650			9,8650					
Certificate	DE000CP067P7	DAX 12500TS OPENC	EUR	9,1500	9,1500	9,1500			9,1500					
Certificate	DE000CP068A7	DAX 12500TS OPENC	EUR	10,3200	10,3200	10,3200			10,3200					
Certificate	NL0012894414	DAX 12500TS OPENH	EUR	9,4100	11,3500	9,4100	19110,0000	3	11,3500	2000				
Certificate	DE000VA6D443	DAX 12500TS OPENV	EUR	9,2850	9,2850	9,2850			9,2850					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012895437	DAX 12503TRSOPENH	EUR	9,6600	9,6600	9,6600			9,6600					
Certificate	NL0012993398	DAX 12520TS OPENB	EUR	11,6450	11,6450	11,6450			11,6450					
Certificate	NL0012906333	DAX 12528TRSOPENH	EUR	9,9100	9,9100	9,9100			9,9100					
Certificate	DE000CJ3NZP8	DAX 12539TS OPENZ	EUR	9,9800	9,9800	9,9800			9,9800					
Certificate	DE000VA6D3L2	DAX 12540TS OPENV	EUR	12,1050	12,1050	12,1050			12,1050					
Certificate	DE000VA6D450	DAX 12550TS OPENV	EUR	9,7850	9,7850	9,7850			9,7850					
Certificate	NL0012937585	DAX 12553TRSOPENH	EUR	10,1500	10,1500	10,1500			10,1500					
Certificate	LU1817097154	DAX 12560TPIOPENS	EUR	9,9000	9,9000	9,9000			9,9000					
Certificate	NL0012893770	DAX 12560TS OPENH	EUR	11,9400	11,9400	11,9400			11,9400					
Certificate	NL0012905392	DAX 12567TRSOPENH	EUR	10,3000	10,3000	10,3000			10,3000					
Certificate	NL0012988844	DAX 125758S OPENB	EUR	9,4700	10,6450	9,4650	4735,0000	1	10,6450	500				
Certificate	DE000CV8AVG6	DAX 12575TS OPENZ	EUR	10,3300	10,3300	10,3300			10,3300					
Certificate	NL0012905384	DAX 12577TRSOPENH	EUR	10,4000	10,4000	10,4000			10,4000					
Certificate	NL0012937890	DAX 12580TS OPENH	EUR	12,1800	12,1800	12,1800			12,1800					
Certificate	DE000VASRRT9	DAX 12590TS OPENV	EUR	12,6050	12,6050	12,6050			12,6050					
Certificate	NL0012937544	DAX 12593TRSOPENH	EUR	10,5400	10,5400	10,5400			10,5400					
Certificate	DE000CP06Q05	DAX 12600TS 0319C	EUR	10,9500	10,9500	10,9500			10,9500					
Certificate	DE000VA7PPV9	DAX 12600TS 0319V	EUR	10,9450	10,9450	10,9450			10,9450					
Certificate	DE000VASRC29	DAX 12600TS 1218V	EUR	10,8650	10,8650	10,8650			10,8650					
Certificate	DE000CV8AXD9	DAX 12600TS 1218Z	EUR	10,7600	10,7600	10,7600			10,7600					
Certificate	DE000CQ58WB6	DAX 12600TS OPENC	EUR	11,0700	11,0700	11,0700			11,0700					
Certificate	DE000CP064N9	DAX 12600TS OPENC	EUR	10,1200	10,1200	10,1200			10,1200					
Certificate	NL0012905376	DAX 12607TRSOPENH	EUR	10,7000	10,7000	10,7000			10,7000					
Certificate	NL0012988638	DAX 12610TS OPENB	EUR	12,6050	12,6050	12,6050			12,6050					
Certificate	NL0012905368	DAX 12617TRSOPENH	EUR	10,8000	10,8000	10,8000			10,8000					
Certificate	DE000VASRC94	DAX 12618TS OPENV	EUR	10,2750	10,2750	10,2750			10,2750					
Certificate	NL0012937502	DAX 12632TRSOPENH	EUR	10,9200	10,9200	10,9200			10,9200					
Certificate	DE000CJ3NV07	DAX 12634TS OPENZ	EUR	10,9200	10,9200	10,9200			10,9200					
Certificate	NL0012893143	DAX 12640TS OPENH	EUR	12,7300	12,7300	12,7300			12,7300					
Certificate	DE000VASRDF8	DAX 12640TS OPENV	EUR	12,9450	12,9450	12,9450			12,9450					
Certificate	DE000VASRDM4	DAX 12650TS 1218V	EUR	11,3650	11,3650	11,3650			11,3650					
Certificate	NL0012936777	DAX 12660TS OPENH	EUR	12,9400	12,9400	12,9400			12,9400					
Certificate	NL0012937106	DAX 12661TRSOPENH	EUR	11,2300	11,2300	11,2300			11,2300					
Certificate	DE000VASRDA9	DAX 12668TS OPENV	EUR	10,7750	10,7750	10,7750			10,7750					
Certificate	NL0012988448	DAX 126738S OPENB	EUR	11,6250	11,6250	11,6250			11,6250					
Certificate	DE000CV8AU11	DAX 12673TS OPENZ	EUR	11,3200	11,3200	11,3200			11,3200					
Certificate	LU1816971482	DAX 12678TPIOPENS	EUR	10,8600	10,8600	10,8600			10,8600					
Certificate	NL0012937080	DAX 12681TRSOPENH	EUR	11,4300	11,4300	11,4300			11,4300					
Certificate	NL0012934483	DAX 12690TS OPENH	EUR	11,7200	13,2600	10,9700	5035,0000	18	13,2600	450				
Certificate	DE000VASRDG6	DAX 12690TS OPENV	EUR	13,4550	13,4550	13,4550			13,4550					
Certificate	NL0012937072	DAX 12691TRSOPENH	EUR	11,5300	11,5300	11,5300			11,5300					
Certificate	DE000CP06N32	DAX 12700TS 0319C	EUR	11,9500	11,9500	11,9500			11,9500					
Certificate	DE000VA7PPY3	DAX 12700TS 0319V	EUR	11,9550	11,9550	11,9550			11,9550					
Certificate	DE000VASRC37	DAX 12700TS 1218V	EUR	11,8650	11,8650	11,8650			11,8650					
Certificate	NL0012986582	DAX 12700TS OPENB	EUR	13,5250	13,5250	13,5250			13,5250					
Certificate	DE000CQ58WC4	DAX 12700TS OPENC	EUR	12,0800	12,0800	12,0800			12,0800					
Certificate	DE000CP061U0	DAX 12700TS OPENC	EUR	11,0900	11,0900	11,0900			11,0900					
Certificate	DE000CQ5ACD6	DAX 12700TS OPENC	EUR											
Certificate	DE000VASRDB7	DAX 12718TS OPENV	EUR	11,2650	11,2650	11,2650			11,2650					
Certificate	DE000CV8ALE2	DAX 12720TS OPENZ	EUR	13,4500	13,4500	13,4500			13,4500					
Certificate	DE000CV8B6R8	DAX 12724TS OPENZ	EUR	11,8200	11,8200	11,8200			11,8200					
Certificate	NL0012937031	DAX 12731TRSOPENH	EUR	11,9200	11,9200	11,9200			11,9200					
Certificate	DE000VASRDJ0	DAX 12740TS OPENV	EUR	13,9650	13,9650	13,9650			13,9650					
Certificate	NL0012935019	DAX 12745TRSOPENH	EUR	12,0800	12,0800	12,0800			12,0800					
Certificate	DE000VASRDN2	DAX 12750TS 1218V	EUR	12,3650	12,3650	12,3650			12,3650					
Certificate	NL0012934442	DAX 12760TS OPENH	EUR	14,0000	14,0000	14,0000			14,0000					
Certificate	DE000VASRDC5	DAX 12768TS OPENV	EUR	11,7650	11,7650	11,7650			11,7650					
Certificate	NL0012934848	DAX 12773TRSOPENH	EUR	12,3300	12,3300	12,3300			12,3300					
Certificate	DE000CV8AU29	DAX 12773TS OPENZ	EUR	12,3100	12,3100	12,3100			12,3100					
Certificate	DE000CV89MS7	DAX 12776TS OPENZ	EUR											
Certificate	DE000VASRCN4	DAX 12790TS OPENV	EUR	14,4650	14,4650	14,4650			14,4650					
Certificate	LU1816971565	DAX 12794TPIOPENS	EUR	12,0100	12,0100	12,0100			12,0100					
Certificate	DE000CP06N40	DAX 12800TS 0319C	EUR	12,9600	12,9600	12,9600			12,9600					
Certificate	DE000VA7PP08	DAX 12800TS 0319V	EUR	12,9650	12,9650	12,9650			12,9650					
Certificate	DE000VASRDP7	DAX 12800TS 1218V	EUR	12,8650	12,8650	12,8650			12,8650					
Certificate	DE000CV8B680	DAX 12800TS 1218Z	EUR	12,7700	12,7700	12,7700			12,7700					
Certificate	NL0012986590	DAX 12800TS OPENB	EUR	14,5350	14,5350	14,5350			14,5350					
Certificate	DE000CP063M3	DAX 12800TS OPENC	EUR	13,2900	13,2900	13,2900			13,2900					
Certificate	DE000CY52XY4	DAX 12800TS OPENC	EUR											
Certificate	DE000CQ58UK1	DAX 12800TS OPENC	EUR	11,8900	11,8900	11,8900			11,8900					
Certificate	DE000CY52WM1	DAX 12800TS OPENC	EUR											
Certificate	NL0012904098	DAX 12802TRSOPENH	EUR	12,6400	12,6400	12,6400			12,6400					



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	DE000CV89KR3	DAX 12809TS OPENZ	EUR	12,6700	12,6700	12,6700			12,6700					
Certificate	DE000VA5RCK0	DAX 12818TS OPENV	EUR	12,2550	12,2550	12,2550			12,2550					
Certificate	NL0012916712	DAX 12820TS OPENH	EUR	14,6100	14,6100	14,6100			14,6100					
Certificate	NL0012917678	DAX 12822TRSOPENH	EUR	12,8300	12,8300	12,8300			12,8300					
Certificate	DE000VA5RBJ4	DAX 12840TS OPENV	EUR	14,9450	14,9450	14,9450			14,9450					
Certificate	DE000VA5RCM6	DAX 12850TS 1218V	EUR	13,3750	13,3750	13,3750			13,3750					
Certificate	NL0012904080	DAX 12852TRSOPENH	EUR	13,1400	13,1400	13,1400			13,1400					
Certificate	DE000CV8AKV8	DAX 12858TS OPENZ	EUR											
Certificate	NL0012916670	DAX 12860TS OPENH	EUR	15,0100	15,0100	15,0100			15,0100					
Certificate	NL00129172863	DAX 12867BS OPENB	EUR	13,5650	13,5650	13,5650			13,5650					
Certificate	DE000CV8AKW6	DAX 12870TS OPENZ	EUR	13,2700	13,2700	13,2700			13,2700					
Certificate	NL0012917637	DAX 12872TRSOPENH	EUR	13,3200	13,3200	13,3200			13,3200					
Certificate	DE000VA4YOM3	DAX 12872TS OPENV	EUR	12,7250	12,7250	12,7250			12,7250					
Certificate	NL0012981716	DAX 12890TS OPENB	EUR	15,4150	15,4150	15,4150			15,4150					
Certificate	NL0012917629	DAX 12892TRSOPENH	EUR	13,5200	13,5200	13,5200			13,5200					
Certificate	DE000CP06N57	DAX 12900TS 0319C	EUR	13,9600	13,9600	13,9600			13,9600					
Certificate	DE000VA7PP32	DAX 12900TS 0319V	EUR	13,9650	13,9650	13,9650			13,9650					
Certificate	DE000VA3TLM8	DAX 12900TS 1218V	EUR	13,8750	13,8750	13,8750			13,8750					
Certificate	DE000CP064P4	DAX 12900TS OPENC	EUR	13,1100	13,1100	13,1100			13,1100					
Certificate	DE000CQ58PA2	DAX 12900TS OPENC	EUR	13,6500	13,6500	13,6500			13,6500					
Certificate	DE000CY52WN9	DAX 12900TS OPENC	EUR											
Certificate	NL0012916654	DAX 12900TS OPENH	EUR	15,4100	15,4100	15,4100			15,4100					
Certificate	DE000CV89JK0	DAX 12908TS OPENZ	EUR	13,6600	13,6600	13,6600			13,6600					
Certificate	NL0012904072	DAX 12922TRSOPENH	EUR	13,8100	13,8100	13,8100			13,8100					
Certificate	LU1790429598	DAX 12929TPIOPENS	EUR	12,8400	12,8400	12,8400			12,8400					
Certificate	DE000VA3EDD6	DAX 12930TS OPENV	EUR	15,4250	15,4250	15,4250			15,4250					
Certificate	NL0012918262	DAX 12940TS OPENH	EUR	15,8400	15,8400	15,8400			15,8400					
Certificate	DE000VA3ZWG4	DAX 12950TS 1218V	EUR	14,3750	14,3750	14,3750			14,3750					
Certificate	NL0012904064	DAX 12952TRSOPENH	EUR	14,1300	14,1300	14,1300			14,1300					
Certificate	DE000VA3EC26	DAX 12959TS OPENV	EUR	13,2050	13,2050	13,2050			13,2050					
Certificate	DE000CV89JR5	DAX 12960TS OPENZ	EUR	15,9200	15,9200	15,9200			15,9200					
Certificate	DE000CV8AGY0	DAX 12970TS OPENZ	EUR	14,2700	14,2700	14,2700			14,2700					
Certificate	NL0012917587	DAX 12971TRSOPENH	EUR	14,2900	14,2900	14,2900			14,2900					
Certificate	NL0012918247	DAX 12980TS OPENH	EUR	16,2300	16,2300	16,2300			16,2300					
Certificate	DE000VA3EDF1	DAX 12980TS OPENV	EUR	15,9250	15,9250	15,9250			15,9250					
Certificate	NL0012919278	DAX 12983TRSOPENH	EUR	14,4400	14,4400	14,4400			14,4400					
Certificate	NL0012972566	DAX 12990TS OPENB	EUR	16,4650	16,4650	16,4650			16,4650					
Certificate	DE000CP06N65	DAX 13000TS 0319C	EUR	14,9600	14,9600	14,9600			14,9600					
Certificate	DE000VA7PP40	DAX 13000TS 0319V	EUR	14,9650	14,9650	14,9650			14,9650					
Certificate	DE000VA3TLN6	DAX 13000TS 1218V	EUR	14,8750	14,8750	14,8750			14,8750					
Certificate	DE000CV8AQM4	DAX 13000TS 1218Z	EUR	13,2000	14,7700	12,7000	5124,5700	7	14,7700	396				
Certificate	DE000CQ58JR9	DAX 13000TS OPENC	EUR	14,3800	14,3800	14,3800			14,3800					
Certificate	DE000CP061V8	DAX 13000TS OPENC	EUR	14,0800	14,0800	14,0800			14,0800					
Certificate	DE000CQ58M62	DAX 13000TS OPENC	EUR	13,2700	13,2700	13,2700			13,2700					
Certificate	LU1790509274	DAX 13006TPIOPENS	EUR	13,8900	13,8900	13,8900			13,8900					
Certificate	DE000CV89JM6	DAX 13008TS OPENZ	EUR	14,6500	14,6500	14,6500			14,6500					
Certificate	DE000VA3EC42	DAX 13009TS OPENV	EUR	13,6950	13,6950	13,6950			13,6950					
Certificate	NL0012916134	DAX 13010TS OPENH	EUR	16,5100	16,5100	16,5100			16,5100					
Certificate	NL0012916126	DAX 13030TS OPENH	EUR	16,7100	16,7100	16,7100			16,7100					
Certificate	DE000VA3EDG9	DAX 13030TS OPENV	EUR	16,4350	16,4350	16,4350			16,4350					
Certificate	NL0012612469	DAX 13032TRSOPENH	EUR	14,9100	14,9100	14,9100			14,9100					
Certificate	NL0012562433	DAX 13040TRSOPENH	EUR	15,0100	15,0100	15,0100			15,0100					
Certificate	DE000VA3ZWH2	DAX 13050TS 1218V	EUR	15,3750	15,3750	15,3750			15,3750					
Certificate	DE000CV89J30	DAX 13057TS OPENZ	EUR	15,1400	15,1400	15,1400			15,1400					
Certificate	DE000VA3EC67	DAX 13059TS OPENV	EUR	14,1950	14,1950	14,1950			14,1950					
Certificate	NL0012681811	DAX 13063BS OPENB	EUR	13,4750	15,5750	13,4700	5504,0000	2	15,5750	400				
Certificate	LU1790509514	DAX 13064TPIOPENS	EUR	14,4600	14,4600	14,4600			14,4600					
Certificate	NL0012916100	DAX 13070TS OPENH	EUR	15,4800	17,1300	15,4800	835,9200	1	17,1300	54				
Certificate	NL0012914121	DAX 13079TRSOPENH	EUR	15,3700	15,3700	15,3700			15,3700					
Certificate	DE000VA3EDH7	DAX 13080TS OPENV	EUR	16,9350	16,9350	16,9350			16,9350					
Certificate	NL0012786636	DAX 13090TS OPENB	EUR	17,4550	17,4550	17,4550			17,4550					
Certificate	DE000VA7PP73	DAX 13100TS 0319V	EUR	15,9750	15,9750	15,9750			15,9750					
Certificate	DE000VA3TLP1	DAX 13100TS 1218V	EUR	15,8750	15,8750	15,8750			15,8750					
Certificate	DE000CQ58JS7	DAX 13100TS OPENC	EUR	15,3800	15,3800	15,3800			15,3800					
Certificate	NL0012562904	DAX 13100TS OPENH	EUR	17,4100	17,4100	17,4100			17,4100					
Certificate	DE000CV89J48	DAX 13107TS OPENZ	EUR	15,6400	15,6400	15,6400			15,6400					
Certificate	DE000VA3EC83	DAX 13109TS OPENV	EUR	14,6850	14,6850	14,6850			14,6850					
Certificate	NL0012612121	DAX 13129TRSOPENH	EUR	15,8900	15,8900	15,8900			15,8900					
Certificate	NL0012562037	DAX 13130TS OPENH	EUR	17,6800	17,6800	17,6800			17,6800					
Certificate	DE000VA3EDJ3	DAX 13130TS OPENV	EUR	17,4450	17,4450	17,4450			17,4450					
Certificate	DE000VA3ZWJ8	DAX 13150TS 1218V	EUR	16,3750	16,3750	16,3750			16,3750					
Certificate	DE000CV89J55	DAX 13157TS OPENZ	EUR	16,1400	16,1400	16,1400			16,1400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA3EC91	DAX 13159TS OPENV	EUR	15,1850	15,1850	15,1850			15,1850					
Certificate	NL0012561872	DAX 13160TS OPENH	EUR	17,9800	17,9800	17,9800			17,9800					
Certificate	NL0012681282	DAX 13180TS OPENB	EUR	17,6750	17,6750	17,6750			17,6750					
Certificate	NL0012912760	DAX 13187TRSOPENH	EUR	16,4700	16,4700	16,4700			16,4700					
Certificate	DE000CP06N73	DAX 13200TS 0319C	EUR	16,9600	16,9600	16,9600			16,9600					
Certificate	DE000VA7PQA1	DAX 13200TS 0319V	EUR	16,9750	16,9750	16,9750			16,9750					
Certificate	DE000VA3TLR7	DAX 13200TS 1218V	EUR	16,8750	16,8750	16,8750			16,8750					
Certificate	DE000CV8AL38	DAX 13200TS 1218Z	EUR	16,7700	16,7700	16,7700			16,7700					
Certificate	DE000CQ5BFW7	DAX 13200TS OPENC	EUR	16,2200	16,2200	16,2200			16,2200					
Certificate	NL0012918171	DAX 13200TS OPENH	EUR	18,4400	18,4400	18,4400			18,4400					
Certificate	DE000CV89J63	DAX 13207TS OPENZ	EUR	16,6300	16,6300	16,6300			16,6300					
Certificate	DE000CV42SE3	DAX 13210TS OPENZ	EUR	18,4150	18,4150	18,4150			18,4150					
Certificate	NL0012613160	DAX 13240TS OPENH	EUR	18,8000	18,8000	18,8000			18,8000					
Certificate	NL0012561534	DAX 13246TRSOPENH	EUR	17,0700	17,0700	17,0700			17,0700					
Certificate	DE000VA3ZWK6	DAX 13250TS 1218V	EUR	17,3750	17,3750	17,3750			17,3750					
Certificate	DE000CV89Z29	DAX 13253TS OPENZ	EUR	17,0900	17,0900	17,0900			17,0900					
Certificate	NL0012498810	DAX 13255BS OPENB	EUR	17,4850	17,4850	17,4850			17,4850					
Certificate	NL0012680524	DAX 13270TS OPENB	EUR	21,4050	21,4050	21,4050			21,4050					
Certificate	NL0012918122	DAX 13270TS OPENH	EUR	19,1500	19,1500	19,1500			19,1500					
Certificate	DE000VL61NU1	DAX 13290TS OPENV	EUR	17,8750	17,8750	17,8750			17,8750					
Certificate	DE000CE6FJ19	DAX 13298TS OPENZ	EUR	17,5500	17,5500	17,5500			17,5500					
Certificate	NL0012987259	DAX 13300BOC0619B	EUR	121,8000	121,8000	120,9000			120,9000					
Certificate	LU1756868862	DAX 13300TPIOPENS	EUR	16,0600	16,0600	16,0600			16,0600					
Certificate	DE000VA7PQE3	DAX 13300TS 0319V	EUR	17,9750	17,9750	17,9750			17,9750					
Certificate	DE000VA3TLT3	DAX 13300TS 1218V	EUR	17,8750	17,8750	17,8750			17,8750					
Certificate	NL0012537070	DAX 13312TRSOPENH	EUR	18,0000	18,0000	17,6800	3600,0000	1	17,6800	200				
Certificate	DE000VL61NB1	DAX 13326TS OPENV	EUR	15,6750	15,6750	15,6750			15,6750					
Certificate	NL0012915862	DAX 13329TRSOPENH	EUR	17,8700	17,8700	17,8700			17,8700					
Certificate	NL0012903835	DAX 13330TS OPENH	EUR	19,7100	19,7100	19,7100			19,7100					
Certificate	DE000VL61NW7	DAX 13340TS OPENV	EUR	18,3850	18,3850	18,3850			18,3850					
Certificate	DE000VA3ZWL4	DAX 13350TS 1218V	EUR	18,3750	18,3750	18,3750			18,3750					
Certificate	NL0012498828	DAX 13351BS OPENB	EUR	18,4550	18,4550	18,4550			18,4550					
Certificate	DE000CE6BWE2	DAX 13362TS OPENZ	EUR	18,1800	18,1800	18,1800			18,1800					
Certificate	NL0012527832	DAX 13370TS OPENH	EUR	20,1900	20,1900	20,1900			20,1900					
Certificate	DE000VL61ND7	DAX 13376TS OPENV	EUR	16,1650	16,1650	16,1650			16,1650					
Certificate	NL0012090641	DAX 13380TS OPENH	EUR	20,2700	20,2700	20,2700			20,2700					
Certificate	DE000VL61NZ0	DAX 13390TS OPENV	EUR	18,8850	18,8850	18,8850			18,8850					
Certificate	NL0012530125	DAX 13392TRSOPENH	EUR	18,4900	18,4900	18,4900			18,4900					
Certificate	LU1756869084	DAX 13396TPIOPENS	EUR	17,0200	17,0200	17,0200			17,0200					
Certificate	NL0011048228	DAX 13396TRSOPENH	EUR	18,5200	18,5200	18,5200			18,5200					
Certificate	DE000CP06N81	DAX 13400TS 0319C	EUR	18,9600	18,9600	18,9600			18,9600					
Certificate	DE000VA7PQH6	DAX 13400TS 0319V	EUR	18,9850	18,9850	18,9850			18,9850					
Certificate	DE000VA3ZWM2	DAX 13400TS 1218V	EUR	18,8750	18,8750	18,8750			18,8750					
Certificate	DE000CV8AA55	DAX 13400TS 1218Z	EUR	18,7700	18,7700	18,7700			18,7700					
Certificate	DE000CY52SD8	DAX 13400TS OPENC	EUR	15,4600	15,4600	15,4600			15,4600					
Certificate	DE000CY52XS6	DAX 13400TS OPENC	EUR	16,7300	16,7300	16,7300			16,7300					
Certificate	DE000CE6FJ10	DAX 13409TS OPENZ	EUR	18,6500	18,6500	18,6500			18,6500					
Certificate	DE000VL61NF2	DAX 13426TS OPENV	EUR	16,6550	16,6550	16,6550			16,6550					
Certificate	DE000VL61N19	DAX 13440TS OPENV	EUR	19,3850	19,3850	19,3850			19,3850					
Certificate	DE000VA3ZWN0	DAX 13450TS 1218V	EUR	19,3750	19,3750	19,3750			19,3750					
Certificate	NL0013003866	DAX 13450TS OPENB	EUR	20,3950	20,3950	20,3950			20,3950					
Certificate	DE000CV4ZSD5	DAX 13450TS OPENZ	EUR	20,9050	20,9050	20,9050			20,9050					
Certificate	NL0012499537	DAX 13451BS OPENB	EUR	19,4550	19,4550	19,4550			19,4550					
Certificate	NL0013084486	DAX 13455TRSOPENH	EUR	19,0900	19,0900	19,0900			19,0900					
Certificate	DE000CE6F4P1	DAX 13460TS OPENZ	EUR	19,1600	19,1600	19,1600			19,1600					
Certificate	NL0012863161	DAX 13468TRSOPENH	EUR	19,2500	19,2500	19,2500			19,2500					
Certificate	NL0012277008	DAX 13470TS OPENB	EUR	21,8300	23,4050	21,8250	21830,0000	1	23,4050	1000				
Certificate	NL0012851323	DAX 13470TS OPENH	EUR	21,1600	21,1600	21,1600			21,1600					
Certificate	DE000VL61NJ4	DAX 13476TS OPENV	EUR	17,1450	17,1450	17,1450			17,1450					
Certificate	DE000VL61N35	DAX 13490TS OPENV	EUR	19,8850	19,8850	19,8850			19,8850					
Certificate	DE000CP06N99	DAX 13500TS 0319C	EUR	19,9600	19,9600	19,9600			19,9600					
Certificate	DE000VA7PQP9	DAX 13500TS 0319V	EUR	19,9850	19,9850	19,9850			19,9850					
Certificate	DE000VA3ZWP5	DAX 13500TS 1218V	EUR	19,8750	19,8750	19,8750			19,8750					
Certificate	DE000CY52XR8	DAX 13500TS OPENC	EUR	17,7200	17,7200	17,7200			17,7200					
Certificate	DE000CY52SE6	DAX 13500TS OPENC	EUR	16,4300	16,4300	16,4300			16,4300					
Certificate	LU1784828235	DAX 13504TS OPENS	EUR	18,0800	18,0800	18,0800			18,0800					
Certificate	DE000CE6F4Q9	DAX 13510TS OPENZ	EUR	19,6600	19,6600	19,6600			19,6600					
Certificate	NL0012904817	DAX 13514TRSOPENH	EUR	19,6800	19,6800	19,6800			19,6800					
Certificate	DE000VL61NM8	DAX 13526TS OPENV	EUR	17,6450	17,6450	17,6450			17,6450					
Certificate	DE000VL61N50	DAX 13540TS OPENV	EUR	20,3850	20,3850	20,3850			20,3850					
Certificate	DE000VA3ZWQ3	DAX 13550TS 1218V	EUR	20,3750	20,3750	20,3750			20,3750					
Certificate	NL0012536155	DAX 13550TS OPENH	EUR	22,0100	22,0100	22,0100			22,0100					



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	DE000CE6FAD1	DAX 13564TS OPENZ	EUR	20,2000	20,2000	20,2000			20,2000					
Certificate	NL0013003163	DAX 13570TS OPENB	EUR	21,6550	21,6550	21,6550			21,6550					
Certificate	NL0012329783	DAX 13576TRSOPENH	EUR	20,3200	20,3200	20,3200			20,3200					
Certificate	DE000VL61NP1	DAX 13576TS OPENV	EUR	18,1350	18,1350	18,1350			18,1350					
Certificate	NL0012862213	DAX 13580TS OPENH	EUR	22,2800	22,2800	22,2800			22,2800					
Certificate	DE000VA7PQT1	DAX 13600TS 0319V	EUR	20,9850	20,9850	20,9850			20,9850					
Certificate	DE000VA3ZWR1	DAX 13600TS 1218V	EUR	20,8750	20,8750	20,8750			20,8750					
Certificate	DE000CV8AAT3	DAX 13600TS 1218Z	EUR	20,7700	20,7700	20,7700			20,7700					
Certificate	LU1784828151	DAX 13634TS OPENS	EUR	19,3600	19,3600	19,3600			19,3600					
Certificate	DE000CD64946	DAX 13649TS OPENZ	EUR	21,0500	21,0500	21,0500			21,0500					
Certificate	DE000VA3ZW59	DAX 13650TS 1218V	EUR	21,3750	21,3750	21,3750			21,3750					
Certificate	DE000VL37QA6	DAX 13660TS OPENV	EUR	20,8550	20,8550	20,8550			20,8550					
Certificate	NL0013001621	DAX 13670TS OPENB	EUR	21,2000	23,3050	21,1850	2120,0000	1	23,3050	100				
Certificate	NL0012536080	DAX 13670TS OPENH	EUR	23,2000	23,2000	23,2000			23,2000					
Certificate	NL0012537955	DAX 13684TRSOPENH	EUR	21,3800	21,3800	21,3800			21,3800					
Certificate	DE000CE6C6W5	DAX 13690TS OPENZ	EUR	23,3450	23,3450	23,3450			23,3450					
Certificate	DE000VA7PQX3	DAX 13700TS 0319V	EUR	21,9850	21,9850	21,9850			21,9850					
Certificate	DE000VA3Z013	DAX 13700TS 1218V	EUR	21,8750	21,8750	21,8750			21,8750					
Certificate	DE000CY524G5	DAX 13700TS OPENC	EUR	17,3000	17,3000	17,3000			17,3000					
Certificate	DE000CY52442	DAX 13700TS OPENC	EUR	18,5400	18,5400	18,5400			18,5400					
Certificate	DE000CE6FAE9	DAX 13702TS OPENZ	EUR	21,5800	21,5800	21,5800			21,5800					
Certificate	DE000VL37QB4	DAX 13710TS OPENV	EUR	21,3550	21,3550	21,3550			21,3550					
Certificate	DE000VL2FUU0	DAX 13734TS OPENV	EUR	18,5950	18,5950	18,5950			18,5950					
Certificate	NL0012520118	DAX 13741TRSOPENH	EUR											
Certificate	DE000CE6FCR7	DAX 13746TS OPENZ	EUR	22,0200	22,0200	22,0200			22,0200					
Certificate	DE000VA3Z2K3	DAX 13750TS 1218V	EUR	22,3750	22,3750	22,3750			22,3750					
Certificate	DE000VL37QC2	DAX 13760TS OPENV	EUR	21,8550	21,8550	21,8550			21,8550					
Certificate	NL0012329577	DAX 13770TS OPENH	EUR	24,2100	24,2100	24,2100			24,2100					
Certificate	DE000VL2FUV8	DAX 13784TS OPENV	EUR	19,0850	19,0850	19,0850			19,0850					
Certificate	NL0012864136	DAX 13791TRSOPENH	EUR	22,4500	22,4500	22,4500			22,4500					
Certificate	DE000CE6FC55	DAX 13796TS OPENZ	EUR	22,5200	22,5200	22,5200			22,5200					
Certificate	DE000VL37P42	DAX 13798TS OPENV	EUR	19,5850	19,5850	19,5850			19,5850					
Certificate	DE000VA3Z2L1	DAX 13800TS 1218V	EUR	22,8750	22,8750	22,8750			22,8750					
Certificate	DE000CV8AAU1	DAX 13800TS 1218Z	EUR	22,7700	22,7700	22,7700			22,7700					
Certificate	DE000CY51G59	DAX 13800TS OPENC	EUR	17,7800	17,7800	17,7800			17,7800					
Certificate	DE000VL37QD0	DAX 13810TS OPENV	EUR	22,3550	22,3550	22,3550			22,3550					
Certificate	NL0012537419	DAX 13820TS OPENH	EUR	22,9800	24,7000	22,9800	22980,0000	1	24,7000	1000				
Certificate	DE000CE6FCT3	DAX 13845TS OPENZ	EUR	23,0100	23,0100	23,0100			23,0100					
Certificate	DE000VL37P59	DAX 13848TS OPENV	EUR	20,0750	20,0750	20,0750			20,0750					
Certificate	DE000VA3Z2M9	DAX 13850TS 1218V	EUR	23,3750	23,3750	23,3750			23,3750					
Certificate	LU1784828078	DAX 13851TS OPENS	EUR	21,5100	21,5100	21,5100			21,5100					
Certificate	DE000VL37L04	DAX 13860TS OPENV	EUR	22,7950	22,7950	22,7950			22,7950					
Certificate	NL0012208151	DAX 13874TRSOPENH	EUR	23,3000	23,3000	23,3000			23,3000					
Certificate	DE000CE6FCU1	DAX 13895TS OPENZ	EUR	23,5100	23,5100	23,5100			23,5100					
Certificate	DE000VA3Z4H5	DAX 13900TS 1218V	EUR	23,8750	23,8750	23,8750			23,8750					
Certificate	DE000CY51WT8	DAX 13900TS OPENC	EUR	20,4200	20,4200	20,4200			20,4200					
Certificate	DE000VL2FXN9	DAX 13908TS OPENV	EUR	20,5650	20,5650	20,5650			20,5650					
Certificate	DE000VL37L12	DAX 13910TS OPENV	EUR	23,2950	23,2950	23,2950			23,2950					
Certificate	DE000CE6CID9	DAX 13940TS OPENZ	EUR	25,8350	25,8350	25,8350			25,8350					
Certificate	DE000CE6FEY9	DAX 13949TS OPENZ	EUR	24,0500	24,0500	24,0500			24,0500					
Certificate	DE000VA3Z4J1	DAX 13950TS 1218V	EUR	24,3750	24,3750	24,3750			24,3750					
Certificate	DE000VL2FXQ2	DAX 13958TS OPENV	EUR	21,0550	21,0550	21,0550			21,0550					
Certificate	NL0012051650	DAX 13960TS OPENH	EUR	26,1200	26,1200	26,1200			26,1200					
Certificate	DE000VL37L20	DAX 13960TS OPENV	EUR	23,7850	23,7850	23,7850			23,7850					
Certificate	DE000CP06NA9	DAX 14000TS 0319C	EUR	24,9600	24,9600	24,9600			24,9600					
Certificate	DE000VA4RNA1	DAX 14000TS 1218V	EUR	24,8750	24,8750	24,8750			24,8750					
Certificate	DE000CV8AF44	DAX 14000TS 1218Z	EUR	24,7800	24,7800	24,7800			24,7800					
Certificate	DE000CY504C6	DAX 14000TS OPENC	EUR	19,5900	19,5900	19,5900			19,5900					
Certificate	DE000CY51TV0	DAX 14000TS OPENC	EUR	20,1000	20,1000	20,1000			20,1000					
Certificate	DE000CY51NN0	DAX 14000TS OPENC	EUR	21,1700	21,1700	21,1700			21,1700					
Certificate	DE000VL2FXS8	DAX 14008TS OPENV	EUR	21,5450	21,5450	21,5450			21,5450					
Certificate	DE000VL37L38	DAX 14010TS OPENV	EUR	24,2850	24,2850	24,2850			24,2850					
Certificate	DE000CE6FCV9	DAX 14044TS OPENZ	EUR	25,0000	25,0000	25,0000			25,0000					
Certificate	DE000VA4RPC2	DAX 14050TS 1218V	EUR	25,3850	25,3850	25,3850			25,3850					
Certificate	NL0012791453	DAX 14052BS OPENB	EUR	25,4150	25,4150	25,4150			25,4150					
Certificate	DE000VL2FXU4	DAX 14058TS OPENV	EUR	22,0350	22,0350	22,0350			22,0350					
Certificate	DE000VL37L46	DAX 14060TS OPENV	EUR	24,7850	24,7850	24,7850			24,7850					
Certificate	NL0012860464	DAX 14067TRSOPENH	EUR	25,2200	25,2200	25,2200			25,2200					
Certificate	NL0012985717	DAX 14080TS OPENB	EUR	27,5450	27,5450	27,5450			27,5450					
Certificate	DE000CV4ZPB5	DAX 14093TS OPENZ	EUR	25,4900	25,4900	25,4900			25,4900					
Certificate	DE000VA4RPD0	DAX 14100TS 1218V	EUR	25,8850	25,8850	25,8850			25,8850					
Certificate	DE000CY51WU6	DAX 14100TS OPENC	EUR	22,3800	22,3800	22,3800			22,3800					



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	NL0012434377	DAX 14100TS OPENH	EUR	27,5400	27,5400	27,5400			27,5400					
Certificate	DE000VL2FXV2	DAX 14108TS OPENV	EUR	22,5150	22,5150	22,5150			22,5150					
Certificate	DE000VL37L53	DAX 14110TS OPENV	EUR	25,2850	25,2850	25,2850			25,2850					
Certificate	DE000CV4ZPC3	DAX 14143TS OPENZ	EUR	25,9900	25,9900	25,9900			25,9900					
Certificate	DE000VA4RPE8	DAX 14150TS 1218V	EUR	26,3850	26,3850	26,3850			26,3850					
Certificate	DE000VL2FXH8	DAX 14158TS OPENV	EUR	23,0050	23,0050	23,0050			23,0050					
Certificate	DE000VL37L61	DAX 14160TS OPENV	EUR	25,7850	25,7850	25,7850			25,7850					
Certificate	DE000VA4YWM3	DAX 14200TS 1218V	EUR	26,8850	26,8850	26,8850			26,8850					
Certificate	DE000CV8AAV9	DAX 14200TS 1218Z	EUR	26,7800	26,7800	26,7800			26,7800					
Certificate	DE000CQ5AY44	DAX 14200TS OPENC	EUR	25,8200	25,8200	25,8200			25,8200					
Certificate	DE000CY16GN7	DAX 14200TS OPENC	EUR	19,1000	19,1000	19,1000			19,1000					
Certificate	DE000CE6CQ96	DAX 14200TS OPENZ	EUR	28,4350	28,4350	28,4350			28,4350					
Certificate	DE000VL2FXZ3	DAX 14208TS OPENV	EUR	23,4950	23,4950	23,4950			23,4950					
Certificate	DE000VL37L79	DAX 14210TS OPENV	EUR	26,2850	26,2850	26,2850			26,2850					
Certificate	NL0013003874	DAX 14240TS OPENB	EUR	28,3850	28,3850	28,3850			28,3850					
Certificate	DE000CE6FCW7	DAX 14243TS OPENZ	EUR	26,9900	26,9900	26,9900			26,9900					
Certificate	DE000VL37L95	DAX 14260TS OPENV	EUR	26,7850	26,7850	26,7850			26,7850					
Certificate	DE000VL37MA5	DAX 14310TS OPENV	EUR	27,2850	27,2850	27,2850			27,2850					
Certificate	NL0012213359	DAX 14330TS OPENH	EUR	29,8400	29,8400	29,8400			29,8400					
Certificate	DE000CV88WG3	DAX 14347TS OPENZ	EUR	28,0300	28,0300	28,0300			28,0300					
Certificate	DE000VL37MC1	DAX 14360TS OPENV	EUR	27,7850	27,7850	27,7850			27,7850					
Certificate	NL0012904809	DAX 14372TRSOPENH	EUR	28,2600	28,2600	28,2600			28,2600					
Certificate	DE000CY51TW8	DAX 14400TS OPENC	EUR	23,9600	23,9600	23,9600			23,9600					
Certificate	DE000CY16GP2	DAX 14400TS OPENC	EUR	20,9900	20,9900	20,9900			20,9900					
Certificate	DE000CY50MS3	DAX 14400TS OPENC	EUR	23,9000	23,9000	23,9000			23,9000					
Certificate	DE000CY52GM4	DAX 14400TS OPENC	EUR	25,9300	25,9300	25,9300			25,9300					
Certificate	NL0011229380	DAX 14410TS OPENH	EUR	30,7100	30,7100	30,7100			30,7100					
Certificate	DE000VL61GZ4	DAX 14410TS OPENV	EUR	29,0050	29,0050	29,0050			29,0050					
Certificate	DE000VL37MD9	DAX 14410TS OPENV	EUR	28,2750	28,2750	28,2750			28,2750					
Certificate	DE000CE6CTJ5	DAX 14440TS OPENZ	EUR	30,9350	30,9350	30,9350			30,9350					
Certificate	DE000CV87MS1	DAX 14444TS OPENZ	EUR	29,0000	29,0000	29,0000			29,0000					
Certificate	DE000CP06NB7	DAX 14500TS 0319C	EUR	29,9600	29,9600	29,9600			29,9600					
Certificate	DE000CY50BY1	DAX 14500TS OPENC	EUR	24,6000	24,6000	24,6000			24,6000					
Certificate	NL0012559215	DAX 14520TS OPENH	EUR	31,8400	31,8400	31,8400			31,8400					
Certificate	DE000CV890F5	DAX 14547TS OPENZ	EUR	30,0300	30,0300	30,0300			30,0300					
Certificate	NL0012241756	DAX 14580TS OPENH	EUR	32,3700	32,3700	32,3700			32,3700					
Certificate	DE000CV8AAW7	DAX 14600TS 1218Z	EUR	30,7800	30,7800	30,7800			30,7800					
Certificate	DE000CY51VV4	DAX 14600TS OPENC	EUR	27,2600	27,2600	27,2600			27,2600					
Certificate	DE000CY16GQ0	DAX 14600TS OPENC	EUR	22,8800	22,8800	22,8800			22,8800					
Certificate	DE000CY52FA1	DAX 14600TS OPENC	EUR	26,5300	26,5300	26,5300			26,5300					
Certificate	DE000CE6FCX5	DAX 14640TS OPENZ	EUR	30,9600	30,9600	30,9600			30,9600					
Certificate	NL0012679039	DAX 14670TS OPENB	EUR	35,8350	35,8350	35,8350			35,8350					
Certificate	NL0012606446	DAX 14686TRSOPENH	EUR	31,3600	31,3600	31,3600			31,3600					
Certificate	DE000CE6CTK3	DAX 14690TS OPENZ	EUR	33,4150	33,4150	33,4150			33,4150					
Certificate	NL0012903827	DAX 14740TS OPENH	EUR	34,0000	34,0000	34,0000			34,0000					
Certificate	NL0012198105	DAX 14742TRSOPENH	EUR	31,9500	31,9500	31,9500			31,9500					
Certificate	DE000CQ5AY51	DAX 14800TS OPENC	EUR	31,7900	31,7900	31,7900			31,7900					
Certificate	DE000CY16PJ6	DAX 14800TS OPENC	EUR	25,0400	25,0400	25,0400			25,0400					
Certificate	DE000CY51G67	DAX 14800TS OPENC	EUR	27,4100	27,4100	27,4100			27,4100					
Certificate	DE000CY51WW2	DAX 14800TS OPENC	EUR	29,2200	29,2200	29,2200			29,2200					
Certificate	DE000CV88EZ1	DAX 14841TS OPENZ	EUR	32,9700	32,9700	32,9700			32,9700					
Certificate	DE000CE6DLS1	DAX 14930TS OPENZ	EUR	35,9150	35,9150	35,9150			35,9150					
Certificate	NL0012198808	DAX 14990TS OPENH	EUR	36,6200	36,6200	36,6200			36,6200					
Certificate	DE000CP06NC5	DAX 15000TS 0319C	EUR	34,9700	34,9700	34,9700			34,9700					
Certificate	DE000CV8AAX5	DAX 15000TS 1218Z	EUR	34,7800	34,7800	34,7800			34,7800					
Certificate	DE000CY501S8	DAX 15000TS OPENC	EUR	27,8600	27,8600	27,8600			27,8600					
Certificate	DE000CV4YQP6	DAX 15040TS OPENZ	EUR	34,9600	34,9600	34,9600			34,9600					
Certificate	NL0011047741	DAX 15150TS OPENH	EUR	38,2300	38,2300	38,2300			38,2300					
Certificate	DE000CE6F0F0	DAX 15180TS OPENZ	EUR	38,4050	38,4050	38,4050			38,4050					
Certificate	DE000CY52FB9	DAX 15200TS OPENC	EUR	32,3500	32,3500	32,3500			32,3500					
Certificate	DE000CY52061	DAX 15200TS OPENC	EUR	33,1700	33,1700	33,1700			33,1700					
Certificate	DE000CY50LS5	DAX 15200TS OPENC	EUR	30,2400	30,2400	30,2400			30,2400					
Certificate	DE000CV88QJ9	DAX 15246TS OPENZ	EUR	37,0200	37,0200	37,0200			37,0200					
Certificate	NL0012530117	DAX 15325TRSOPENH	EUR	37,7800	37,7800	37,7800			37,7800					
Certificate	DE000CV8AAY3	DAX 15400TS 1218Z	EUR	38,7800	38,7800	38,7800			38,7800					
Certificate	DE000CE6FAP5	DAX 15430TS OPENZ	EUR	40,9350	40,9350	40,9350			40,9350					
Certificate	DE000CV4YQN1	DAX 15439TS OPENZ	EUR	38,9500	38,9500	38,9500			38,9500					
Certificate	NL0012548036	DAX 15480TS OPENH	EUR	41,5500	41,5500	41,5500			41,5500					
Certificate	NL0011048210	DAX 15518TRSOPENH	EUR	39,7000	39,7000	39,7000			39,7000					
Certificate	DE000CY51Y99	DAX 15600TS OPENC	EUR	35,6100	35,6100	35,6100			35,6100					
Certificate	DE000CV890A6	DAX 15641TS OPENZ	EUR	40,9700	40,9700	40,9700			40,9700					
Certificate	DE000CE6FEG6	DAX 15680TS OPENZ	EUR	43,4250	43,4250	43,4250			43,4250					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012535934	DAX 15730TS OPENH	EUR	44,1200	44,1200	44,1200			44,1200					
Certificate	DE000CV8AE78	DAX 15800TS 1218Z	EUR	42,7900	42,7900	42,7900			42,7900					
Certificate	DE000CV87MT9	DAX 15839TS OPENZ	EUR	42,9500	42,9500	42,9500			42,9500					
Certificate	NL0011229372	DAX 15900TS OPENH	EUR	45,8300	45,8300	45,8300			45,8300					
Certificate	DE000CV42NE4	DAX 15930TS OPENZ	EUR	45,9550	45,9550	45,9550			45,9550					
Certificate	DE000CC8AFR9	DAX 16000TS OPENC	EUR	28,8700	28,8700	28,8700			28,8700					
Certificate	DE000CV88LA9	DAX 16243TS OPENZ	EUR	46,9900	46,9900	46,9900			46,9900					
Certificate	DE000CV88TM7	DAX 16646TS OPENZ	EUR	51,0200	51,0200	51,0200			51,0200					
Certificate	NL0011047733	DAX 16650TS OPENH	EUR	53,3800	53,3800	53,3800			53,3800					
Certificate	DE000CV88N43	DAX 16910TS OPENZ	EUR	55,9050	55,9050	55,9050			55,9050					
Certificate	NL0011229364	DAX 18150TS OPENH	EUR	68,6500	68,6500	68,6500			68,6500					
Certificate	DE000VNS3Y97	DAX10 LEVOPENV	EUR	5,0100	5,0150	4,8250	1503,0000	1	4,8250	300				
Certificate	DE000VL51225	DAX10 LEVOPENV	EUR	0,4820	0,4820	0,4820			0,4820					
Certificate	DE000VNS3Z40	DAX10 SHROPENV	EUR	0,6140	0,7440	0,6120	49699,9700	10	0,7440	75000				
Certificate	FR0013123734	DAX35 SHROPENS	EUR											
Certificate	DE000CE6BUK3	DAXIF LEVOPENZ	EUR	9,5350	9,5350	9,5350			9,5350					
Certificate	DE000CE6BUM9	DAXIF LEVOPENZ	EUR	1,5660	1,5660	1,5660			1,5660					
Certificate	DE000CE6BUL1	DAXIF LEVOPENZ	EUR	5,8150	5,8150	5,8150			5,8150					
Certificate	DE000CE6BUP2	DAXIF SHROPENZ	EUR	2,4510	2,4510	2,4510			2,4510					
Certificate	DE000CE6BUN7	DAXIF SHROPENZ	EUR	7,2450	7,2450	7,2450			7,2450					
Certificate	DE000DB0XJ7	DB CROCI	EUR											
Certificate	DE000DB6GZ44	DB CROCI SECTOR	EUR	239,3500	239,3500	239,3500	14361,0000	1	239,3500	60				
Certificate	XS0210953039	DB DJ INDEX 6%35	EUR											
Certificate	DE000CQ5A2J8	DBANK 14TS OPENC	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	DE000CQ5A2K6	DBANK 16TS OPENC	EUR	5,7700	5,7700	5,7700			5,7700					
Certificate	NL0010897427	DBANK 27TS OPENB	EUR	2,1700	2,1900	2,1700			2,1900					
Certificate	NL0012923395	DBANK 6.5TL OPENH	EUR	0,4000	0,4000	0,3800			0,3800					
Certificate	NL0012923387	DBANK 7.3TL OPENH	EUR	0,3300	0,3300	0,3100			0,3100					
Certificate	NL0012923379	DBANK 7.7TL OPENH	EUR	0,2900	0,2900	0,2800			0,2800					
Certificate	NL0012975494	DBANK 7.9TL OPENB	EUR	2,5600	2,5600	2,3200			2,3200					
Certificate	NL0011605688	DBANK 8.2TL OPENH	EUR	0,2700	0,2700	0,2500			0,2500					
Certificate	NL0012018949	DBANK 8.5TL OPENB	EUR	2,1700	2,1700	1,9100			1,9100					
Certificate	NL0012923361	DBANK 8.7TL OPENH	EUR	0,2000	0,2000	0,1800			0,1800					
Certificate	NL0012923353	DBANK 8.9TL OPENH	EUR	0,1800	0,1800	0,1700			0,1700					
Certificate	NL0012980718	DBANK 9.1TL OPENB	EUR	1,4400	1,4400	1,2000			1,2000					
Certificate	NL0012927453	DBANK 9.4TL OPENH	EUR											
Certificate	NL0012938096	DBANK 10.7TS OPENH	EUR	0,2100	0,2200	0,2100			0,2200					
Certificate	NL0012990204	DBANK 10.8TS OPENB	EUR	1,9000	2,1300	1,9000			2,1300					
Certificate	NL0012934640	DBANK 11.7TS OPENH	EUR	0,3200	0,3400	0,3200			0,3400					
Certificate	NL0012776777	DBANK 12.1TS OPENB	EUR	3,2700	3,5000	3,2700			3,5000					
Certificate	NL0012934632	DBANK 12.2TS OPENH	EUR	0,3800	0,3900	0,3800			0,3900					
Certificate	NL0012775688	DBANK 13.4TS OPENB	EUR	4,6600	4,8900	4,6600			4,8900					
Certificate	NL0012683262	DBANK 14.8TS OPENB	EUR	6,2100	6,4400	6,2100			6,4400					
Certificate	NL0011518378	DBANK 22.1TS OPENB	EUR	1,5850	1,6050	1,5850			1,6050					
Certificate	NL0011231162	DBANK 27.1TS OPENH	EUR	2,2800	2,3000	2,2800			2,3000					
Certificate	DE000CD620K8	DBANK 7.66TL OPENZ	EUR	0,2050	0,2050	0,2050			0,2050					
Certificate	NL0012988513	DBANK10.86BS OPENB	EUR	1,1400	1,3700	1,1400	143,8500	1	1,3700	105				
Certificate	DE000CV8AXJ6	DBANK11.13TS OPENZ	EUR	0,1450	0,1450	0,1450			0,1450					
Certificate	DE000CV883M6	DBANK12.13TS OPENZ	EUR	0,2450	0,2450	0,2450			0,2450					
Certificate	NL0012774509	DBANK12.85BS OPENB	EUR	3,1200	3,3500	3,1200			3,3500					
Certificate	DE000CV501A9	DBANK14.13TS OPENZ	EUR	0,4450	0,4450	0,4450			0,4450					
Certificate	NL0012681910	DBANK14.81BS OPENB	EUR	5,0800	5,3100	5,0800			5,3100					
Certificate	DE000CR9RQH2	DBANK25.02TS OPENZ	EUR	1,5350	1,5350	1,5350			1,5350					
Certificate	DE000CF80LW3	DBANK27.34TS OPENC	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	DE000CV89P57	DBANK5.564TL OPENZ	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	NL0012975171	DBANK6.221BL OPENB	EUR	3,7300	3,7300	3,5000			3,5000					
Certificate	DE000CD634D4	DBANK6.573TL OPENZ	EUR	0,3150	0,3150	0,3150			0,3150					
Certificate	NL0012792691	DBANK7.229BL OPENB	EUR	2,7300	2,7300	2,4900			2,4900					
Certificate	DE000CX597C1	DBANK8.199TL OPENC	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	DE000CD61WJ2	DBANK8.199TL OPENZ	EUR	0,1550	0,1550	0,1550			0,1550					
Certificate	NL0012775985	DBANK8.239BL OPENB	EUR	1,7200	1,7200	1,4800			1,4800					
Certificate	DE000CV897L8	DBANK8.743TL OPENZ	EUR	0,0950	0,0950	0,0950			0,0950					
Certificate	DE000CV89UW2	DBANK9.238TL OPENZ	EUR	0,0500	0,0500	0,0500			0,0500					
Certificate	NL0012977326	DBANK9.246BL OPENB	EUR	0,7100	0,7100	0,4800			0,4800					
Certificate	DE000CR6X6T8	DEUTS 62.9TL OPENZ	EUR	4,8750	4,8750	4,8750			4,8750					
Certificate	DE000CV87QP8	DEUTS103.4TL OPENZ	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	NL0011055116	DEUTS65.07TL OPENH	EUR	5,0600	5,1000	5,0600			5,1000					
Certificate	DE000CR6XYF4	DEUTS68.54TL OPENZ	EUR	4,3150	4,3150	4,3150			4,3150					
Certificate	DE000CE6C8P5	DEUTS76.47TL OPENZ	EUR	3,5250	3,5250	3,5250			3,5250					
Certificate	DE000CE6CKZ0	DEUTS84.43TL OPENZ	EUR	2,7250	2,7250	2,7250			2,7250					
Certificate	DE000CV42076	DEUTS93.39TL OPENZ	EUR	1,8350	1,8350	1,8350			1,8350					
Certificate	DE000CR9SFM3	DIAGE17.03TL OPENZ	EUR	2,1400	2,1400	2,1400			2,1400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CD61VG0	DIAGE19.05TL OPENZ	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	DE000CE6E4Q0	DIAGE22.57TL OPENZ	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	NL0013006265	DIETN 38.8BS OPENB	EUR	0,2900	0,2900	0,2800			0,2800					
Certificate	DE000CV89DJ5	DIETN21.56TL OPENZ	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000CN6FS43	DIETN23.77TL OPENZ	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	DE000CN6K6V8	DIETN26.39TL OPENZ	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000CN6K6W6	DIETN29.02TL OPENZ	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	NL0013008675	DIETN30.63BL OPENB	EUR	0,6500	0,6600	0,6500			0,6600					
Certificate	DE000CV88RC2	DIETN32.16TL OPENZ	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	NL0013002116	DIETN32.62BL OPENB	EUR	0,4500	0,4600	0,4500			0,4600					
Certificate	NL0012992713	DIETN34.63BL OPENB	EUR	0,2500	0,2600	0,2500			0,2600					
Certificate	DE000CJ3N609	DIETN34.66TL OPENZ	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	DE000CV89Z48	DIETN36.38TL OPENZ	EUR											
Certificate	DE000CD615E1	DIETN42.16TS OPENZ	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	NL0012993000	DIETN42.79BS OPENB	EUR	0,6900	0,6900	0,6800			0,6800					
Certificate	NL0012993927	DIETN46.78BS OPENB	EUR	1,0900	1,0900	1,0800			1,0800					
Certificate	NL0013009210	DJAUT 380TL OPENB	EUR	13,4700	13,4700	13,4700			13,4700					
Certificate	NL0012989891	DJAUT 420TL OPENB	EUR	9,6600	9,6600	9,6600			9,6600					
Certificate	NL0012974513	DJAUT 459TL OPENB	EUR	5,9300	5,9300	5,9300			5,9300					
Certificate	NL0013007826	DJAUT 538TS OPENB	EUR	7,1400	7,1400	7,1400			7,1400					
Certificate	NL0012975486	DJAUT 578TS OPENB	EUR	11,3300	11,3300	11,3300			11,3300					
Certificate	NL0012974018	DJAUT 618TS OPENB	EUR	15,5000	15,5000	15,5000			15,5000					
Certificate	NL0012790448	DJAUT 656TS OPENB	EUR	19,5500	19,5500	19,5500			19,5500					
Certificate	DE000CN6HK49	DJAUT367.6TL OPENZ	EUR	12,9200	12,9200	12,9200			12,9200					
Certificate	DE000CN6H4X4	DJAUT407.7TL OPENZ	EUR	8,9200	8,9200	8,9200			8,9200					
Certificate	DE000CV88D60	DJAUT443.4TL OPENZ	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	DE000CE6C550	DJAUT483.3TL OPENZ	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	DE000CV88Z20	DJAUT580.8TS OPENZ	EUR	8,5900	8,5900	8,5900			8,5900					
Certificate	DE000CE6CH30	DJAUT681.1TS OPENZ	EUR	18,6200	18,6200	18,6200			18,6200					
Certificate	DE000CV4ZAZ6	DJAUT795.5TS OPENZ	EUR											
Certificate	DE0006075427	DJBKS PI OPENN	EUR	16,2300	16,2300	16,2300			16,2300					
Certificate	NL0012248447	DJBKS STN1022V	EUR											
Certificate	NL0012249429	DJBKS STN1022V	EUR											
Certificate	NL0011637012	DJBKS 76TL OPENB	EUR	7,1650	7,1650	7,1650			7,1650					
Certificate	NL0010133799	DJBKS 96TL OPENB	EUR	5,1750	5,1750	5,1750			5,1750					
Certificate	NL0012030142	DJBKS 140TL OPENB	EUR	0,9100	0,9100	0,8650	1820,0000	2	0,8650	2000				
Certificate	NL0011089156	DJBKS 191TS OPENB	EUR	5,2450	5,2450	5,2450			5,2450					
Certificate	NL0006280695	DJBKS 209TS OPENB	EUR	7,1350	7,1350	7,1350			7,1350					
Certificate	DE000CN6J9E1	DJBKS105.3TL OPENZ	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	DE000CD63CJ0	DJBKS124.3TL OPENZ	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	DE000CV89NP1	DJBKS137.2TL OPENZ	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	DE000CV88748	DJBKS169.9TS OPENZ	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	DE000CV883C7	DJBKS189.5TS OPENZ	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	DE000CE6C535	DJBKS209.4TS OPENZ	EUR	6,4500	6,4500	6,4500			6,4500					
Certificate	DE0006075310	DJCHM PI OPENN	EUR	87,1700	87,1700	87,1700			87,1700					
Certificate	NL0011535422	DJCHM 583TL OPENB	EUR	31,3350	31,3350	31,3350			31,3350					
Certificate	NL0010900726	DJCHM 625TL OPENB	EUR	27,3250	27,3250	27,3250			27,3250					
Certificate	NL0012120950	DJCHM 835TL OPENB	EUR	7,3550	7,3550	7,3550			7,3550					
Certificate	NL0013009582	DJCHM 919TS OPENB	EUR	9,9750	9,9750	9,9750			9,9750					
Certificate	NL0013007818	DJCHM 959TS OPENB	EUR	14,1750	14,1750	14,1750			14,1750					
Certificate	NL0012508444	DJCHM 999TS OPENB	EUR	18,3150	18,3150	18,3150			18,3150					
Certificate	DE000CE6CEL3	DJCHM 1037TS OPENZ	EUR	16,9300	16,9300	16,9300			16,9300					
Certificate	DE000CE6FAJ8	DJCHM 1207TS OPENZ	EUR	33,8800	33,8800	33,8800			33,8800					
Certificate	DE000CV87MV5	DJCHM646.7TL OPENZ	EUR	22,4600	22,4600	22,4600			22,4600					
Certificate	DE000CE6CDA8	DJCHM746.4TL OPENZ	EUR	12,5400	12,5400	12,5400			12,5400					
Certificate	DE000CJ3N757	DJCHM806.2TL OPENZ	EUR	6,6800	6,6800	6,6800			6,6800					
Certificate	DE000CE6CF55	DJEM LEVOPENZ	EUR	18,4000	18,4000	17,6100			17,6100					
Certificate	DE000CE6CFR7	DJEM LEVOPENZ	EUR	10,8400	10,8400	10,7600	10,8400	1	10,7600	1				
Certificate	DE000CE6CFT3	DJEM LEVOPENZ	EUR	19,6450	19,8200	17,9200	8487,7800	4	17,9200	430				
Certificate	DE000CE6CFU1	DJEM SHROPENZ	EUR	2,2100	2,3070	2,1930	440,1000	2	2,3070	200				
Certificate	DE000CE6CFV9	DJEM SHROPENZ	EUR	0,3180	0,3460	0,3180			0,3460					
Certificate	DE0006075419	DJFIN PI OPENN	EUR	43,8600	43,8600	43,8600			43,8600					
Certificate	DE000CE6CEM1	DJFIN 431.TL OPENZ	EUR	2,1700	2,1700	2,1700			2,1700					
Certificate	DE000CJ3N4F4	DJFIN306.1TL OPENZ	EUR	14,6200	14,6200	14,6200			14,6200					
Certificate	DE000CE6CDB6	DJFIN376.3TL OPENZ	EUR	7,6100	7,6100	7,6100			7,6100					
Certificate	DE000CJ3N0Z0	DJFIN529.6TS OPENZ	EUR	7,8900	7,8900	7,8900			7,8900					
Certificate	DE000CE6DNF4	DJFIN599.3TS OPENZ	EUR	14,8700	14,8700	14,8700			14,8700					
Certificate	DE0006075336	DJFOD PI OPENN	EUR	64,1800	64,1800	64,1800			64,1800					
Certificate	DE000CN6J580	DJFOD 492.TL OPENZ	EUR	13,7800	13,7800	13,7800			13,7800					
Certificate	DE000CN6JSW4	DJFOD551.7TL OPENZ	EUR	7,8200	7,8200	7,8200			7,8200					
Certificate	DE000CV88A14	DJFOD601.8TL OPENZ	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	DE000CD62CG8	DJFOD727.4TS OPENZ	EUR	10,0000	10,0000	10,0000			10,0000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CE6F455	DJFOD846.8TS OPENZ	EUR	21,9400	21,9400	21,9400			21,9400					
Certificate	DE0006075351	DJGDS PI OPENN	EUR	56,8000	56,8000	56,8000			56,8000					
Certificate	NL0010900841	DJGDS 298TL OPENB	EUR	21,5600	21,5600	21,5600			21,5600					
Certificate	NL0013009228	DJGDS 426TL OPENB	EUR	9,3200	9,3200	9,3200			9,3200					
Certificate	NL0012121545	DJGDS 466TL OPENB	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	NL0013011646	DJGDS 519TS OPENB	EUR	4,8200	4,8200	4,8200			4,8200					
Certificate	NL0012700397	DJGDS 560TS OPENB	EUR	9,0400	9,0400	9,0400			9,0400					
Certificate	DE000CE6BU26	DJGDS 413.TL OPENZ	EUR	8,7300	8,7300	8,7300			8,7300					
Certificate	DE000CE6FALA4	DJGDS 679.TS OPENZ	EUR	18,0500	18,0500	18,0500			18,0500					
Certificate	DE000CN6J598	DJGDS313.4TL OPENZ	EUR	18,6850	18,6850	18,6850			18,6850					
Certificate	DE000CN6JT06	DJGDS353.7TL OPENZ	EUR	14,6650	14,6650	14,6650			14,6650					
Certificate	DE000CJ3N4G2	DJGDS447.9TL OPENZ	EUR	5,2600	5,2600	5,2600			5,2600					
Certificate	DE000CE6FAK6	DJGDS482.7TL OPENZ	EUR	1,8350	1,8350	1,8350			1,8350					
Certificate	DE000CE6C576	DJGDS584.2TS OPENZ	EUR	8,5700	8,5700	8,5700			8,5700					
Certificate	DE0006075344	DJHLT PI OPENN	EUR	67,3800	67,3800	67,3800			67,3800					
Certificate	NL0010001178	DJHLT 282TL OPENB	EUR	46,8850	46,8850	46,8850			46,8850					
Certificate	NL0010437422	DJHLT 448TL OPENB	EUR	31,0650	31,0650	31,0650			31,0650					
Certificate	NL0010606869	DJHLT 511TL OPENB	EUR	25,0500	25,0500	25,0500			25,0500					
Certificate	NL0010900783	DJHLT 541TL OPENB	EUR	22,2400	22,2400	22,2400			22,2400					
Certificate	NL0011649934	DJHLT 626TL OPENB	EUR	14,1300	14,1300	14,1300			14,1300					
Certificate	NL0012786610	DJHLT 666TL OPENB	EUR	10,2700	10,2700	10,2700			10,2700					
Certificate	NL0012980320	DJHLT 707TL OPENB	EUR	6,4400	6,4400	6,4400			6,4400					
Certificate	NL0012980346	DJHLT 776TS OPENB	EUR	8,0200	8,0200	8,0200			8,0200					
Certificate	DE000CN6HDC2	DJHLT 556.TL OPENZ	EUR	18,4350	18,4350	18,4350			18,4350					
Certificate	DE000CN6JQG1	DJHLT491.3TL OPENZ	EUR	24,9000	24,9000	24,9000			24,9000					
Certificate	DE000CN6GA75	DJHLT616.6TL OPENZ	EUR	12,3750	12,3750	12,3750			12,3750					
Certificate	DE000CV88AF1	DJHLT666.5TL OPENZ	EUR	7,3900	7,3900	7,3900			7,3900					
Certificate	DE000CJ3NV15	DJHLT720.6TL OPENZ	EUR											
Certificate	DE000CN6G8M9	DJHLT828.4TS OPENZ	EUR	9,0700	9,0700	9,0700			9,0700					
Certificate	DE000CE6D1C7	DJHLT969.8TS OPENZ	EUR	23,2100	23,2100	23,2100			23,2100					
Certificate	DE000VA545X0	DJI LEVOPENV	EUR	6,2750	6,2750	6,2750			6,2750					
Certificate	DE000VN61Y71	DJI LEVOPENV	EUR	30,8850	30,8850	30,8850			30,8850					
Certificate	DE000VA234X1	DJI LEVOPENV	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	DE000VN61Y97	DJI LEVOPENV	EUR	12,4600	12,4600	12,4600			12,4600					
Certificate	DE000VA234Y9	DJI LEVOPENV	EUR	6,2950	6,2950	6,2950			6,2950					
Certificate	DE000VN61Y89	DJI LEVOPENV	EUR	31,6350	31,6350	31,6350			31,6350					
Certificate	DE000VN61ZA3	DJI SHROPENV	EUR	0,5360	0,5360	0,5360			0,5360					
Certificate	DE000VN61ZC9	DJI SHROPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VN61ZB1	DJI SHROPENV	EUR	0,0500	0,0500	0,0500			0,0500					
Certificate	DE000VA545Y8	DJI SHROPENV	EUR	4,8800	4,8800	4,8800			4,8800					
Certificate	DE000VA234Z6	DJI SHROPENV	EUR	2,0550	2,0550	2,0550			2,0550					
Certificate	NL0006467516	DJIIND 2340TL OPENB	EUR	201,5700	201,5700	201,5700			201,5700					
Certificate	NL0009175637	DJIIND 6480TL OPENB	EUR	166,5500	166,5500	166,5500			166,5500					
Certificate	NL0009992874	DJIIND10270TL OPENB	EUR	134,4900	134,4900	134,4900			134,4900					
Certificate	NL0010125738	DJIIND11440TL OPENB	EUR	124,6300	124,6300	124,6300			124,6300					
Certificate	DE000CZ7DMV6	DJIIND12278TL OPENZ	EUR	118,0050	118,0050	116,2300			116,2300					
Certificate	NL0010281473	DJIIND12330TL OPENB	EUR	117,1200	117,1200	117,1200			117,1200					
Certificate	DE000CT9M2X5	DJIIND12456TL OPENC	EUR	11,2500	11,2500	11,2500			11,2500					
Certificate	DE000CN6HSA4	DJIIND13448TL OPENZ	EUR	107,9450	107,9450	106,1450			106,1450					
Certificate	NL0011596911	DJIIND13603TRL OPENH	EUR	103,1900	103,1900	103,1900			103,1900					
Certificate	NL0010288551	DJIIND13790TL OPENB	EUR	104,7100	104,7100	104,7100			104,7100					
Certificate	DE000CX0H732	DJIIND13880TL OPENC	EUR	10,1000	10,1000	10,1000			10,1000					
Certificate	DE000CF3APF1	DJIIND13881TL OPENC	EUR	9,9500	9,9500	9,9500			9,9500					
Certificate	NL0011412317	DJIIND14290TL OPENH	EUR	99,4700	99,4700	99,4700			99,4700					
Certificate	DE000CX01888	DJIIND14409TL OPENC	EUR	9,4700	9,4700	9,4700			9,4700					
Certificate	DE000CZ7DMZ7	DJIIND14538TL OPENZ	EUR	98,5550	98,5550	96,7600			96,7600					
Certificate	DE000CF505E2	DJIIND14722TL OPENC	EUR	9,1800	9,1800	9,1800			9,1800					
Certificate	NL0010519088	DJIIND14770TL OPENB	EUR	96,4600	96,4600	96,4600			96,4600					
Certificate	NL0011595053	DJIIND14930TL OPENH	EUR	93,9800	93,9800	93,9800			93,9800					
Certificate	NL0011038484	DJIIND15040TL OPENH	EUR	93,0200	93,0200	93,0200			93,0200					
Certificate	NL0010519401	DJIIND15060TL OPENB	EUR	94,0300	94,0300	94,0300			94,0300					
Certificate	DE000CZ7DY24	DJIIND15428TL OPENZ	EUR	90,9250	90,9250	89,1150			89,1150					
Certificate	DE000CX0KNT0	DJIIND15434TL OPENC	EUR	8,5300	8,5300	8,5300			8,5300					
Certificate	DE000CX0KP02	DJIIND15490TL OPENC	EUR	8,6600	8,6600	8,6600			8,6600					
Certificate	NL0011602941	DJIIND15700TL OPENH	EUR	87,4000	87,4000	87,4000			87,4000					
Certificate	NL0011602917	DJIIND15860TL OPENH	EUR	86,0100	86,0100	86,0100			86,0100					
Certificate	DE000CZ7DY32	DJIIND15878TL OPENZ	EUR	87,0400	87,0400	85,2250			85,2250					
Certificate	DE000CX00F29	DJIIND15955TL OPENC	EUR	8,0600	8,0600	8,0600			8,0600					
Certificate	DE000CR9QGX2	DJIIND16139TL OPENZ	EUR	83,1550	83,1550	81,3750			81,3750					
Certificate	NL0011700786	DJIIND16410TL OPENH	EUR	81,3400	81,3400	81,3400			81,3400					
Certificate	DE000CX00L22	DJIIND16507TL OPENC	EUR	7,5500	7,5500	7,5500			7,5500					
Certificate	DE000CX00LJ1	DJIIND16580TL OPENC	EUR	7,6800	7,6800	7,6800			7,6800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CN6HVJ3	DJIND16690TL OPENZ	EUR	78,3500	78,3500	76,5700			76,5700					
Certificate	NL0011660006	DJIND16880TL OPENB	EUR	78,6200	78,6200	78,6200			78,6200					
Certificate	DE000CN6K768	DJIND16958TL OPENZ	EUR	77,7550	77,7550	75,9300			75,9300					
Certificate	DE000CX00W86	DJIND17006TL OPENC	EUR	7,1000	7,1000	7,1000			7,1000					
Certificate	NL0012905996	DJIND17023TRL OPENH	EUR	73,3700	73,3700	73,3700			73,3700					
Certificate	NL0011715982	DJIND17060TL OPENH	EUR	75,8300	75,8300	75,8300			75,8300					
Certificate	DE000CX00WG4	DJIND17080TL OPENC	EUR	7,2300	7,2300	7,2300			7,2300					
Certificate	DE000CX0KZT4	DJIND17500TL OPENC	EUR	6,6100	6,6100	6,6100			6,6100					
Certificate	NL0011893300	DJIND17710TL OPENH	EUR	70,2700	70,2700	70,2700			70,2700					
Certificate	DE000CN6KCW6	DJIND17774TL OPENZ	EUR	68,9200	68,9200	67,1300			67,1300					
Certificate	NL0011894084	DJIND17810TL OPENH	EUR	69,3700	69,3700	69,3700			69,3700					
Certificate	DE000CX59LU4	DJIND18000TL OPENC	EUR	6,1700	6,1700	6,1700			6,1700					
Certificate	DE000CD61W37	DJIND18028TL OPENZ	EUR	68,6250	68,6250	66,7850			66,7850					
Certificate	DE000CN6KK28	DJIND18040TL OPENZ	EUR	66,6100	66,6100	64,8200			64,8200					
Certificate	DE000CD61U39	DJIND18304TL OPENZ	EUR	64,3150	64,3150	62,5200			62,5200					
Certificate	NL0011993100	DJIND18450TL OPENH	EUR	63,9800	63,9800	63,9800			63,9800					
Certificate	DE000CX59RP1	DJIND18500TL OPENC	EUR	5,9400	5,9400	5,9400			5,9400					
Certificate	DE000CD62GJ7	DJIND18835TL OPENZ	EUR	59,6900	59,6900	57,8900			57,8900					
Certificate	DE000CX59Y68	DJIND19000TL OPENC	EUR	5,2200	5,2200	5,2200			5,2200					
Certificate	DE000CX59Z34	DJIND19000TL OPENC	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	NL0011997234	DJIND19080TL OPENH	EUR	58,5000	58,5000	58,5000			58,5000					
Certificate	DE000CD63N77	DJIND19088TL OPENZ	EUR	59,5350	59,5350	57,6900			57,6900					
Certificate	DE000CD63M94	DJIND19098TL OPENZ	EUR	57,4050	57,4050	55,6050			55,6050					
Certificate	NL0012035828	DJIND19106BL OPENB	EUR	55,4300	55,4300	55,4300			55,4300					
Certificate	NL0011738653	DJIND19120TS OPENH	EUR											
Certificate	NL0011737515	DJIND19134TRS OPENH	EUR											
Certificate	NL0011737945	DJIND19134TRS OPENH	EUR											
Certificate	NL0011740071	DJIND19135TRS OPENH	EUR											
Certificate	NL0011997739	DJIND19190TL OPENH	EUR	57,6200	57,6200	57,6200			57,6200					
Certificate	NL0012038962	DJIND19330TL OPENB	EUR	57,9000	57,9000	57,9000			57,9000					
Certificate	DE000CV8A8H6	DJIND19500TL 1218Z	EUR	5,3500	5,3500	5,1700			5,1700					
Certificate	DE000CQ58LY1	DJIND19500TL OPENC	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	DE000CY0ASU7	DJIND19500TL OPENC	EUR	4,8100	4,8100	4,8100			4,8100					
Certificate	DE000CY50PC0	DJIND19500TL OPENC	EUR	5,0800	5,0800	5,0800			5,0800					
Certificate	DE000CY0AV53	DJIND19500TL OPENC	EUR	5,0700	5,0700	5,0700			5,0700					
Certificate	DE000CX018A2	DJIND19555TS OPENC	EUR											
Certificate	NL0012050306	DJIND19570TL OPENH	EUR	54,4100	54,4100	54,4100			54,4100					
Certificate	DE000CD63MB6	DJIND19622TL OPENZ	EUR	52,8400	52,8400	51,0300			51,0300					
Certificate	NL0012050272	DJIND19730TL OPENH	EUR	53,0300	53,0300	53,0300			53,0300					
Certificate	NL0012051262	DJIND19830TL OPENH	EUR	52,1600	52,1600	52,1600			52,1600					
Certificate	NL0012849954	DJIND19870TRL OPENH	EUR	48,5900	48,5900	48,5900			48,5900					
Certificate	NL0012052096	DJIND19990TL OPENH	EUR	50,8000	50,8000	50,8000			50,8000					
Certificate	DE000CQ5AXF7	DJIND20000TL OPENC	EUR	4,5300	4,5300	4,5300			4,5300					
Certificate	DE000CY0AZX6	DJIND20000TL OPENC	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	DE000CY16BG2	DJIND20000TL OPENC	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	DE000CD644H4	DJIND20138TL OPENZ	EUR	50,4950	50,4950	48,6500			48,6500					
Certificate	DE000CD63ZV6	DJIND20142TL OPENZ	EUR	48,3250	48,3250	46,5200			46,5200					
Certificate	NL0013082233	DJIND20355TRL OPENH	EUR	44,3400	44,3400	44,3400			44,3400					
Certificate	DE000CD64177	DJIND20394TL OPENZ	EUR	46,1300	46,1300	44,3100			44,3100					
Certificate	DE000CY501M1	DJIND20500TL OPENC	EUR	3,8600	3,8600	3,8600			3,8600					
Certificate	DE000CY16TV3	DJIND20500TL OPENC	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	DE000CE6BKJ6	DJIND20500TL OPENZ	EUR	4,5250	4,5250	4,3450			4,3450					
Certificate	DE000CD643P9	DJIND20652TL OPENZ	EUR	43,8900	43,8900	42,0700			42,0700					
Certificate	NL0012180657	DJIND20673TRL OPENH	EUR	41,5700	41,5700	41,5700			41,5700					
Certificate	NL0013082225	DJIND20905TRL OPENH	EUR	39,5500	39,5500	39,5500			39,5500					
Certificate	DE000CE6BHN4	DJIND20907TL OPENZ	EUR	41,6750	41,6750	39,8500			39,8500					
Certificate	DE000CY50HA1	DJIND21000TL OPENC	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	DE000CY50GJ4	DJIND21000TL OPENC	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	NL0012564249	DJIND21010TL OPENH	EUR	42,0900	42,0900	42,0900			42,0900					
Certificate	NL0013080765	DJIND21065TRL OPENH	EUR	38,1800	38,1800	38,1800			38,1800					
Certificate	DE000CE6CQ88	DJIND21178TL OPENZ	EUR	41,5750	41,5750	39,7100			39,7100					
Certificate	NL0012272397	DJIND21220TL OPENB	EUR	41,8600	41,8600	41,8600			41,8600					
Certificate	NL0013082217	DJIND21256TRL OPENH	EUR	36,5500	36,5500	36,5500			36,5500					
Certificate	DE000CE6BQ63	DJIND21380TL OPENZ	EUR	3,7550	3,7550	3,5750			3,5750					
Certificate	NL0012308720	DJIND21421TRL OPENH	EUR	35,0700	35,0700	35,0700			35,0700					
Certificate	DE000VA3ZU86	DJIND21500TL 1218V	EUR	3,4125	3,4125	3,4125			3,4125					
Certificate	DE000CJ3NUU9	DJIND21500TL 1218Z	EUR	3,6150	3,6150	3,4350			3,4350					
Certificate	DE000CY50SS0	DJIND21500TL OPENC	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	DE000CY50T89	DJIND21500TL OPENC	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	DE000VL8XEL3	DJIND21563TL OPENV	EUR	31,6750	31,6750	31,6750			31,6750					
Certificate	DE000CE6DGS1	DJIND21627TL OPENZ	EUR	3,5450	3,5450	3,3550			3,3550					
Certificate	NL0012314264	DJIND21631TRL OPENH	EUR	33,2500	33,2500	33,2500			33,2500					



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	DE000VA3ZVA9	DJIND21750TL 1218V	EUR	3,1965	3,1965	3,1965			3,1965					
Certificate	DE000VL8XEM1	DJIND21813TL OPENV	EUR	29,4450	29,4450	29,4450			29,4450					
Certificate	NL0012368252	DJIND21845TRLOPENH	EUR	31,3800	31,3800	31,3800			31,3800					
Certificate	NL0012555239	DJIND21860TL OPENH	EUR	34,7900	34,7900	34,7900			34,7900					
Certificate	DE000CE6DLG6	DJIND21888TL OPENZ	EUR	3,3150	3,3150	3,1350			3,1350					
Certificate	NL0012520084	DJIND21926TRLOPENH	EUR											
Certificate	NL0012520076	DJIND21936TRLOPENH	EUR											
Certificate	NL0012281661	DJIND21945BL OPENB	EUR	30,8900	30,8900	30,8900			30,8900					
Certificate	NL0012520068	DJIND21946TRLOPENH	EUR											
Certificate	NL0012494363	DJIND21950TL OPENB	EUR	35,7100	35,7100	35,7100			35,7100					
Certificate	NL0012520050	DJIND21956TRLOPENH	EUR											
Certificate	DE000VA3ZVC5	DJIND22000TL 1218V	EUR	2,9795	2,9795	2,9795			2,9795					
Certificate	DE000CY51NC3	DJIND22000TL OPENC	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	DE000CY51LD5	DJIND22000TL OPENC	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	NL0013082209	DJIND22006TRLOPENH	EUR	29,9800	29,9800	29,9800			29,9800					
Certificate	NL0013008196	DJIND22015BL OPENB	EUR	30,2800	30,2800	30,2800			30,2800					
Certificate	DE000VL8XEN9	DJIND22063TL OPENV	EUR	27,2150	27,2150	27,2150			27,2150					
Certificate	DE000CE6EOH7	DJIND22140TL OPENZ	EUR	3,0950	3,0950	2,9150			2,9150					
Certificate	NL0012495444	DJIND22160TL OPENB	EUR	33,9400	33,9400	33,9400			33,9400					
Certificate	NL0012905988	DJIND22185TRLOPENH	EUR	28,4200	28,4200	28,4200			28,4200					
Certificate	DE000CE6E697	DJIND22218TL OPENZ	EUR	32,6150	32,6150	30,7400			30,7400					
Certificate	DE000VA3ZVE1	DJIND22250TL 1218V	EUR	2,7625	2,7625	2,7625			2,7625					
Certificate	DE000VL8XEP4	DJIND22313TL OPENV	EUR	26,9600	27,0500	24,9850	53028,5000	11	24,9850	2000				
Certificate	NL0013082795	DJIND22353TRLOPENH	EUR	26,9600	26,9600	26,9600			26,9600					
Certificate	DE000CE6ES92	DJIND22392TL OPENZ	EUR	2,8750	2,8750	2,6950			2,6950					
Certificate	NL0012555205	DJIND22480TL OPENH	EUR	29,5200	29,5200	29,5200			29,5200					
Certificate	DE000VA71U94	DJIND22500TL 0319V	EUR	2,5615	2,5615	2,5615			2,5615					
Certificate	DE000VA3ZVF8	DJIND22500TL 1218V	EUR	2,5465	2,5465	2,5465			2,5465					
Certificate	DE000CY51WL5	DJIND22500TL OPENC	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	DE000CY51W26	DJIND22500TL OPENC	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	NL0012519573	DJIND22507TRLOPENH	EUR	25,6400	25,6400	25,6400			25,6400					
Certificate	NL0013008188	DJIND22515BL OPENB	EUR	25,9300	25,9300	25,9300			25,9300					
Certificate	NL0012519862	DJIND22526TRLOPENH	EUR	25,4500	25,4500	25,4500			25,4500					
Certificate	NL0012498834	DJIND22550TL OPENB	EUR	32,6200	32,6200	30,6400	1631,0000	1	30,6400	50				
Certificate	DE000VL8XEQ2	DJIND22563TL OPENV	EUR	22,7450	22,7450	22,7450			22,7450					
Certificate	DE000CE6ETX2	DJIND22638TL OPENZ	EUR	2,6650	2,6650	2,4750			2,4750					
Certificate	NL0013008170	DJIND22715BL OPENB	EUR	24,1800	24,1800	24,1800			24,1800					
Certificate	NL0012905970	DJIND22736TRLOPENH	EUR	23,6500	23,6500	23,6500			23,6500					
Certificate	DE000VA71MY7	DJIND22750TL 0319V	EUR	2,3455	2,3455	2,3455			2,3455					
Certificate	DE000VA3ZVH4	DJIND22750TL 1218V	EUR	2,3295	2,3295	2,3295			2,3295					
Certificate	NL0012501423	DJIND22771BL OPENB	EUR	23,7000	23,7000	23,7000			23,7000					
Certificate	DE000VL61TS2	DJIND22831TL OPENV	EUR	20,6050	20,6050	20,6050			20,6050					
Certificate	NL0013083355	DJIND22849TRLOPENH	EUR	22,6400	22,6400	22,6400			22,6400					
Certificate	NL0012555189	DJIND22890TL OPENH	EUR	26,0000	26,0000	26,0000			26,0000					
Certificate	DE000CE6F066	DJIND22894TL OPENZ	EUR	2,4450	2,4450	2,2550			2,2550					
Certificate	NL0013082787	DJIND22903TRLOPENH	EUR	22,2000	22,2000	22,2000			22,2000					
Certificate	NL0013008162	DJIND22916BL OPENB	EUR	22,4400	22,4400	22,4400			22,4400					
Certificate	NL0012502405	DJIND22980TL OPENB	EUR	27,0500	27,0500	27,0500			27,0500					
Certificate	NL0012860860	DJIND22990TL OPENH	EUR	25,1700	25,1700	25,1700			25,1700					
Certificate	DE000VA71M37	DJIND23000TL 0319V	EUR	2,1295	2,1295	2,1295			2,1295					
Certificate	DE000VA3ZVL6	DJIND23000TL 1218V	EUR	2,1135	2,1135	2,1135			2,1135					
Certificate	DE000CY52038	DJIND23000TL OPENC	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	DE000CY51Y65	DJIND23000TL OPENC	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	LU1840977703	DJIND23030TCIOPEN5	EUR	21,0100	21,0100	21,0100			21,0100					
Certificate	NL0012535405	DJIND23037TRLOPENH	EUR	21,0100	21,0100	21,0100			21,0100					
Certificate	DE000VL8XH95	DJIND23065TL OPENV	EUR	18,3450	18,3450	18,3450			18,3450					
Certificate	NL0013083348	DJIND23099TRLOPENH	EUR	20,4700	20,4700	20,4700			20,4700					
Certificate	DE000CE6F1K8	DJIND23140TL OPENZ	EUR	2,2250	2,2250	2,0450			2,0450					
Certificate	NL0012535306	DJIND23184TRLOPENH	EUR	19,7300	19,7300	19,7300			19,7300					
Certificate	NL0012777627	DJIND23188BL OPENB	EUR	20,0700	20,0700	20,0700			20,0700					
Certificate	NL0012535272	DJIND23215TRLOPENH	EUR	19,4600	19,4600	19,4600			19,4600					
Certificate	DE000VA71M86	DJIND23250TL 0319V	EUR	1,9135	1,9135	1,9135			1,9135					
Certificate	DE000VA3ZVM4	DJIND23250TL 1218V	EUR	1,8975	1,8975	1,8975			1,8975					
Certificate	DE000CE6F4Y3	DJIND23258TL OPENZ	EUR	23,7250	23,7250	21,8400			21,8400					
Certificate	NL0013083330	DJIND23299TRLOPENH	EUR	18,7200	18,7200	18,7200			18,7200					
Certificate	NL0012269658	DJIND23300BOCI218B	EUR	201,3000	201,5000	201,3000			201,5000					
Certificate	NL0012543581	DJIND23347TRLOPENH	EUR											
Certificate	DE000VL97RH3	DJIND23353TL OPENV	EUR	16,0950	16,0950	16,0950			16,0950					
Certificate	NL0012543573	DJIND23358TRLOPENH	EUR											
Certificate	NL0012610711	DJIND23364TRLOPENH	EUR	18,1600	18,1600	18,1600			18,1600					
Certificate	NL0012543565	DJIND23368TRLOPENH	EUR											
Certificate	NL0012509103	DJIND23370TL OPENB	EUR	23,6800	23,6800	23,6800			23,6800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012543557	DJIND23378TRLOPENH	EUR											
Certificate	NL0012543540	DJIND23388TRLOPENH	EUR											
Certificate	DE000CE6F4T3	DJIND23396TL OPENZ	EUR	2,0050	2,0050	1,8250			1,8250					
Certificate	NL0012511711	DJIND23397BL OPENB	EUR	18,2500	18,2500	18,2500			18,2500					
Certificate	NL0012543532	DJIND23398TRLOPENH	EUR											
Certificate	NL0012573315	DJIND23400TL OPENH	EUR											
Certificate	NL0012543524	DJIND23408TRLOPENH	EUR											
Certificate	NL0012543516	DJIND23418TRLOPENH	EUR											
Certificate	NL0012607428	DJIND23420TL OPENH	EUR	21,4900	21,4900	21,4900			21,4900					
Certificate	NL0012543508	DJIND23429TRLOPENH	EUR											
Certificate	NL0012573091	DJIND23444TRLOPENH	EUR											
Certificate	NL0012573083	DJIND23454TRLOPENH	EUR											
Certificate	NL0012573075	DJIND23464TRLOPENH	EUR											
Certificate	NL0012573067	DJIND23474TRLOPENH	EUR											
Certificate	NL0012573059	DJIND23485TRLOPENH	EUR											
Certificate	NL0012611180	DJIND23494TRLOPENH	EUR	17,0200	17,0200	17,0200			17,0200					
Certificate	NL0012573042	DJIND23495TRLOPENH	EUR											
Certificate	DE000VA7TB83	DJIND23500TL 0319V	EUR	1,6995	1,6995	1,6995			1,6995					
Certificate	DE000VA3ZVP7	DJIND23500TL 1218V	EUR	1,6815	1,6815	1,6815			1,6815					
Certificate	DE000CV8AC21	DJIND23500TL 1218Z	EUR	1,8750	1,8750	1,6950			1,6950					
Certificate	DE000C05AXT8	DJIND23500TL OPENC	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	DE000C05AXG5	DJIND23500TL OPENC	EUR	1,4200	1,4200	1,4200			1,4200					
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	NL0012599567	DJIND23543TRLOPENH	EUR											
Certificate	NL0013083322	DJIND23549TRLOPENH	EUR	16,5400	16,5400	16,5400			16,5400					
Certificate	NL0012599559	DJIND23553TRLOPENH	EUR											
Certificate	NL0012599542	DJIND23563TRLOPENH	EUR											
Certificate	NL0012599534	DJIND23573TRLOPENH	EUR											
Certificate	NL0012599526	DJIND23583TRLOPENH	EUR											
Certificate	NL0012599518	DJIND23593TRLOPENH	EUR											
Certificate	NL0012599740	DJIND23600TL OPENH	EUR											
Certificate	NL0012599500	DJIND23603TRLOPENH	EUR											
Certificate	NL0012512859	DJIND23610TL OPENB	EUR	21,7000	21,7000	21,7000			21,7000					
Certificate	NL0012599492	DJIND23613TRLOPENH	EUR											
Certificate	NL0012599484	DJIND23623TRLOPENH	EUR											
Certificate	NL0012599476	DJIND23633TRLOPENH	EUR											
Certificate	NL0012608723	DJIND23637TRLOPENH	EUR	15,7800	15,7800	15,7800			15,7800					
Certificate	DE000CE6FP57	DJIND23641TL OPENZ	EUR	1,7950	1,7950	1,6050			1,6050					
Certificate	NL0012599468	DJIND23643TRLOPENH	EUR											
Certificate	NL0012599450	DJIND23653TRLOPENH	EUR											
Certificate	NL0012599443	DJIND23663TRLOPENH	EUR											
Certificate	DE000VA1ZCP1	DJIND23664TL OPENV	EUR	13,9050	13,9050	13,9050			13,9050					
Certificate	NL0012599435	DJIND23673TRLOPENH	EUR											
Certificate	NL0012599427	DJIND23683TRLOPENH	EUR											
Certificate	NL0012599419	DJIND23693TRLOPENH	EUR											
Certificate	NL0013083314	DJIND23699TRLOPENH	EUR	15,2600	15,2600	15,2600			15,2600					
Certificate	NL0012599732	DJIND23700TL OPENH	EUR											
Certificate	NL0012599401	DJIND23703TRLOPENH	EUR											
Certificate	NL0012599393	DJIND23713TRLOPENH	EUR											
Certificate	DE000VA7PWN2	DJIND23750TL 0319V	EUR	1,4875	1,4875	1,4875			1,4875					
Certificate	DE000VA321P4	DJIND23750TL 1218V	EUR											
Certificate	DE000VA4YPM7	DJIND23750TL 1218V	EUR	1,4675	1,4675	1,4675			1,4675					
Certificate	NL0012602072	DJIND23766TRLOPENH	EUR	14,6600	14,6600	14,6600			14,6600					
Certificate	NL0012779656	DJIND23770TL OPENB	EUR											
Certificate	NL0012605489	DJIND23817TRLOPENH	EUR											
Certificate	NL0013082191	DJIND23827TRLOPENH	EUR	14,1500	14,1500	14,1500			14,1500					
Certificate	NL0012788244	DJIND23837BL OPENB	EUR	14,4100	14,4100	14,4100			14,4100					
Certificate	NL0012604037	DJIND23837TRLOPENH	EUR											
Certificate	NL0013082183	DJIND23847TRLOPENH	EUR	13,9700	13,9700	13,9700			13,9700					
Certificate	NL0012847461	DJIND23879TRLOPENH	EUR	13,6900	13,6900	13,6900			13,6900					
Certificate	DE000VA15MK3	DJIND23888TL OPENV	EUR	11,7950	11,7950	11,7950			11,7950					
Certificate	DE000CV88822	DJIND23889TL OPENZ	EUR	1,3950	1,3950	1,3950			1,3950					
Certificate	NL0012846794	DJIND23890TL OPENH	EUR	17,5000	17,5000	17,5000			17,5000					
Certificate	NL0013082175	DJIND23897TRLOPENH	EUR	13,5400	13,5400	13,5400			13,5400					
Certificate	NL0012611289	DJIND23900TL 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	NL0013082167	DJIND23927TRLOPENH	EUR	13,2800	13,2800	13,2800			13,2800					
Certificate	NL0013082159	DJIND23947TRLOPENH	EUR	13,1000	13,1000	13,1000			13,1000					
Certificate	NL0013082142	DJIND23967TRLOPENH	EUR	12,9300	12,9300	12,9300			12,9300					
Certificate	NL0012780241	DJIND23970TL OPENB	EUR											
Certificate	DE000VA7PQB9	DJIND24000TL 0319V	EUR	1,2745	1,2745	1,2745			1,2745					
Certificate	DE000VA32329	DJIND24000TL 1218V	EUR	1,2555	1,2555	1,2555			1,2555					
Certificate	DE000CQ5B1Q4	DJIND24000TL OPENC	EUR											
Certificate	DE000CQ5B8NM2	DJIND24000TL OPENC	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	DE000CQ5BAV0	DJIND24000TL OPENC	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	NL0012847347	DJIND24002TRLOPENH	EUR	12,6500	12,6500	12,6500			12,6500					
Certificate	NL0013082134	DJIND24027TRLOPENH	EUR	12,4400	12,4400	12,4400			12,4400					
Certificate	LU1840977885	DJIND24030TCIOPENS	EUR	12,3700	12,3700	12,3700			12,3700					
Certificate	NL0012789309	DJIND24032BL OPENB	EUR	12,7200	12,7200	12,7200			12,7200					
Certificate	NL0013082498	DJIND24050TL OPENH	EUR	16,1000	16,1000	16,1000			16,1000					
Certificate	NL0013082126	DJIND24057TRLOPENH	EUR	12,1400	12,1400	12,1400			12,1400					
Certificate	NL0013082118	DJIND24077TRLOPENH	EUR	11,9700	11,9700	11,9700			11,9700					
Certificate	NL0013082100	DJIND24097TRLOPENH	EUR	11,8200	11,8200	11,8200			11,8200					
Certificate	NL0012848196	DJIND24131TRLOPENH	EUR	11,5200	11,5200	11,5200			11,5200					
Certificate	DE000CV89VU4	DJIND24135TL OPENZ	EUR	1,3650	1,3650	1,1750			1,1750					
Certificate	NL0013082092	DJIND24147TRLOPENH	EUR	11,3600	11,3600	11,3600			11,3600					
Certificate	NL0013082084	DJIND24167TRLOPENH	EUR	11,1900	11,1900	11,1900			11,1900					
Certificate	NL0013082076	DJIND24187TRLOPENH	EUR	11,0100	11,0100	11,0100			11,0100					
Certificate	DE000VA325H2	DJIND24197TL OPENV	EUR	11,8900	11,8900	9,6650	2358,0000	2	9,6650	200				
Certificate	NL0012863138	DJIND24219TRLOPENH	EUR	10,7300	10,7300	10,7300			10,7300					
Certificate	NL0013083306	DJIND24239TRLOPENH	EUR	10,5600	10,5600	10,5600			10,5600					
Certificate	NL0012778922	DJIND24240TS OPENB	EUR											
Certificate	NL0013082068	DJIND24247TRLOPENH	EUR	10,5000	10,5000	10,5000			10,5000					
Certificate	DE000VA7PQF0	DJIND24250TL 0319V	EUR	1,0625	1,0625	1,0625			1,0625					
Certificate	DE000VA325C3	DJIND24250TL 1218V	EUR	1,0435	1,0435	1,0435			1,0435					
Certificate	NL0012979397	DJIND24253BL OPENB	EUR	10,7900	10,7900	10,7900			10,7900					
Certificate	DE000CV89XZ9	DJIND24268TL OPENZ	EUR	15,0000	15,0000	13,1000			13,1000					
Certificate	NL0012928154	DJIND24279TRLOPENH	EUR	10,2200	10,2200	10,2200			10,2200					
Certificate	NL0013082050	DJIND24307TRLOPENH	EUR	9,9800	9,9800	9,9800			9,9800					
Certificate	NL0012928139	DJIND24340TRLOPENH	EUR	9,6900	9,6900	9,6900			9,6900					
Certificate	NL0012927263	DJIND24350TL OPENH	EUR	13,5600	13,5600	13,5600			13,5600					
Certificate	NL0013080757	DJIND24377TRLOPENH	EUR	9,3600	9,3600	9,3600			9,3600					
Certificate	DE000CV89XR6	DJIND24384TL OPENZ	EUR	1,1450	1,1450	0,9650			0,9650					
Certificate	NL0013080740	DJIND24407TRLOPENH	EUR	9,1300	9,1300	9,1300			9,1300					
Certificate	NL0012928105	DJIND24431TRLOPENH	EUR	8,9000	8,9000	8,9000			8,9000					
Certificate	NL0012980601	DJIND24453BL OPENB	EUR	9,2500	9,2500	9,0500	462,5000	1	9,0500	50				
Certificate	DE000VA4RMA3	DJIND24453TL OPENV	EUR	7,5750	7,5750	7,5750			7,5750					
Certificate	NL0013080732	DJIND24457TRLOPENH	EUR	8,6700	8,6700	8,6700			8,6700					
Certificate	NL0013080724	DJIND24488TRLOPENH	EUR	8,4100	8,4100	8,4100			8,4100					
Certificate	LU1840977968	DJIND24500TCIOPENS	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	DE000VA7PQJ2	DJIND24500TL 0319V	EUR	0,8485	0,8485	0,8485			0,8485					
Certificate	DE000VA4RM69	DJIND24500TL 1218V	EUR	0,8315	0,8315	0,8315			0,8315					
Certificate	DE000CJ3NUV7	DJIND24500TL 1218Z	EUR	1,0150	1,0150	0,8350			0,8350					
Certificate	DE000CQ5BQC6	DJIND24500TL OPENC	EUR	0,8100	0,8100	0,6600	344,1000	2	0,6600	444				
Certificate	DE000CQ5B8W86	DJIND24500TL OPENC	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	NL0012928535	DJIND24528TRLOPENH	EUR	8,0600	8,0600	8,0600			8,0600					
Certificate	NL0013080716	DJIND24548TRLOPENH	EUR	7,8900	7,8900	7,8900			7,8900					
Certificate	NL0013080708	DJIND24578TRLOPENH	EUR	9,6100	9,6100	7,6300	480,5000	1	7,6300	50				
Certificate	NL0012980700	DJIND24590TL OPENB	EUR	13,4100	13,4100	13,4100			13,4100					
Certificate	NL0012928493	DJIND24609TRLOPENH	EUR	7,3600	7,3600	7,3600			7,3600					
Certificate	DE000CV89ZU5	DJIND24624TL OPENZ	EUR	0,9450	0,9450	0,7550			0,7550					
Certificate	NL0013080690	DJIND24628TRLOPENH	EUR	7,2300	7,2300	7,2300			7,2300					
Certificate	NL0013008154	DJIND24639BL OPENB	EUR	8,6500	8,6500	7,0000	5927,0000	7	7,4300	750				
Certificate	NL0012927867	DJIND24650TL OPENZ	EUR	10,9900	10,9900	10,9900			10,9900					
Certificate	NL0013080682	DJIND24658TRLOPENH	EUR	6,9400	6,9400	6,9400			6,9400					
Certificate	NL0013080674	DJIND24688TRLOPENH	EUR	6,6800	6,6800	6,6800			6,6800					
Certificate	NL0012929517	DJIND24716TRLOPENH	EUR	6,4400	6,4400	6,4400			6,4400					
Certificate	DE000VA4YS31	DJIND24717TL OPENV	EUR	5,4450	5,4450	5,4450			5,4450					
Certificate	NL0013080666	DJIND24738TRLOPENH	EUR	6,2500	6,2500	6,2500			6,2500					
Certificate	DE000VA7PQL8	DJIND24750TL 0319V	EUR	0,6345	0,6345	0,6345			0,6345					
Certificate	DE000VA4YTW8	DJIND24750TL 1218V	EUR	0,6205	0,6205	0,6205			0,6205					
Certificate	NL0013080658	DJIND24768TRLOPENH	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	NL0012982318	DJIND24790TL OPENB	EUR	11,1200	11,7000	11,1200	5560,0000	1	11,7000	500				
Certificate	NL0013082779	DJIND24794TRLOPENH	EUR	5,7800	5,7800	5,7800			5,7800					
Certificate	LU1790554494	DJIND24800TCIOPENS	EUR											
Certificate	NL0012930440	DJIND24820TRLOPENH	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	NL0012929376	DJIND24830TL OPENH	EUR	9,4300	9,4300	9,4300			9,4300					
Certificate	NL0012984751	DJIND24844BL OPENB	EUR	7,6000	7,6000	5,3000	3807,0000	6	5,6500	575				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012930424	DJIND24860TRLOPENH	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	DE000CV8A232	DJIND24873TL OPENZ	EUR	0,7250	0,7250	0,5450			0,5450					
Certificate	NL0012931869	DJIND24899TRLOPENH	EUR	7,0000	7,0000	4,4600	3438,0000	6	4,8700	600				
Certificate	NL0013080641	DJIND24928TRLOPENH	EUR	6,9000	6,9000	4,1900	6141,8000	7	4,6500	940				
Certificate	NL0012890289	DJIND24944TRLOPENH	EUR											
Certificate	DE000VA5RG66	DJIND24975TL OPENV	EUR											
Certificate	NL0013012511	DJIND24990TL OPENB	EUR	5,8200	5,8200	5,8200			5,8200					
Certificate	NL0013080633	DJIND24998TRLOPENH	EUR	5,9700	5,9900	4,0600	10147,0000	4	4,0600	1900				
Certificate	DE000VA71YW6	DJIND25000TL 0319V	EUR	0,4185	0,4185	0,4185			0,4185					
Certificate	DE000VA7PQ07	DJIND25000TL 0319V	EUR											
Certificate	DE000VA5RG58	DJIND25000TL 1218V	EUR											
Certificate	DE000VA71YN5	DJIND25000TL 1218V	EUR	0,4065	0,4065	0,4065			0,4065					
Certificate	DE000CP06388	DJIND25000TL OPENC	EUR											
Certificate	DE000CP061K1	DJIND25000TL OPENC	EUR											
Certificate	NL0012890263	DJIND25005TRLOPENH	EUR											
Certificate	NL0013084478	DJIND25019TRLOPENH	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	NL0012903793	DJIND25030TL OPENH	EUR											
Certificate	NL0012990923	DJIND25032BL OPENB	EUR											
Certificate	NL0013084460	DJIND25039TRLOPENH	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	NL0013084452	DJIND25049TRLOPENH	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	NL0013080625	DJIND25051TRLOPENH	EUR											
Certificate	NL0012933444	DJIND25077TRLOPENH	EUR											
Certificate	NL0013084445	DJIND25079TRLOPENH	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	DE000VA71XN7	DJIND25084TL OPENV	EUR	3,3055	3,3055	3,3055			3,3055					
Certificate	NL0012888028	DJIND25095TRLOPENH	EUR											
Certificate	NL0013084437	DJIND25099TRLOPENH	EUR	3,1800	3,1800	3,1800			3,1800					
Certificate	NL0013084890	DJIND25100TL OPENH	EUR	7,1000	7,1000	7,1000			7,1000					
Certificate	DE000CJ3PCT4	DJIND25118TL OPENZ	EUR											
Certificate	NL0013084429	DJIND25119TRLOPENH	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	NL0012887996	DJIND25126TRLOPENH	EUR											
Certificate	NL0013084411	DJIND25139TRLOPENH	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	NL0013084403	DJIND25149TRLOPENH	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	NL0012887954	DJIND25166TRLOPENH	EUR											
Certificate	NL0013084395	DJIND25179TRLOPENH	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	NL0012905582	DJIND25179TRLOPENH	EUR											
Certificate	NL0013012529	DJIND25190TL OPENB	EUR	4,1000	4,1000	4,1000			4,1000					
Certificate	NL0013084387	DJIND25199TRLOPENH	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	NL0012889257	DJIND25213TRLOPENH	EUR											
Certificate	NL0013084379	DJIND25219TRLOPENH	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	NL0013084361	DJIND25239TRLOPENH	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0013084353	DJIND25249TRLOPENH	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	DE000VA71YY2	DJIND25250TL 0319V	EUR	0,2015	0,2015	0,2015			0,2015					
Certificate	DE000VA71YS4	DJIND25250TL 1218V	EUR	0,1925	0,1925	0,1925			0,1925					
Certificate	NL0012889216	DJIND25253TRLOPENH	EUR											
Certificate	NL0012904759	DJIND25275TRLOPENH	EUR											
Certificate	NL0013084346	DJIND25279TRLOPENH	EUR	1,5600	1,6000	1,5600	93,6000	1	1,6000	60				
Certificate	DE000CV884Y9	DJIND25288TL OPENZ	EUR											
Certificate	NL0012888374	DJIND25290TL OPENH	EUR											
Certificate	NL0012889406	DJIND25300TRLOPENH	EUR											
Certificate	NL0012889398	DJIND25310TRLOPENH	EUR											
Certificate	DE000CV883W5	DJIND25331TL OPENZ	EUR											
Certificate	LU1817097824	DJIND25340TCIOPENS	EUR											
Certificate	NL0012889356	DJIND25350TRLOPENH	EUR											
Certificate	NL0012904742	DJIND25375TRLOPENH	EUR											
Certificate	NL0013084882	DJIND25400TL OPENH	EUR											
Certificate	NL0012890065	DJIND25405TRLOPENH	EUR											
Certificate	NL0012890040	DJIND25425TRLOPENH	EUR											
Certificate	NL0012892152	DJIND25455TRLOPENH	EUR											
Certificate	NL0012892111	DJIND25495TRLOPENH	EUR											
Certificate	DE000CJ3NJK3	DJIND25500TL 1218Z	EUR											
Certificate	DE000CP06LH8	DJIND25500TL OPENC	EUR											
Certificate	DE000CP06L18	DJIND25500TL OPENC	EUR											
Certificate	DE000CQ5ALZ0	DJIND25500TS OPENC	EUR											
Certificate	NL0012892079	DJIND25535TRLOPENH	EUR											
Certificate	NL0013082480	DJIND25540TS OPENH	EUR											
Certificate	NL0012904403	DJIND25549TRLOPENH	EUR											
Certificate	LU1840974866	DJIND25550TPROPENS	EUR											
Certificate	NL0013082043	DJIND25569TRSOPENH	EUR											
Certificate	NL0012892038	DJIND25575TRLOPENH	EUR											
Certificate	NL0012889653	DJIND25590TL OPENH	EUR											
Certificate	NL0013082035	DJIND25599TRSOPENH	EUR											
Certificate	NL0013082027	DJIND25629TRSOPENH	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013000235	DJIND25639BL OPENB	EUR											
Certificate	NL0013082019	DJIND25659TRSOPENH	EUR											
Certificate	NL0013010747	DJIND25670TS OPENB	EUR											
Certificate	NL0013082001	DJIND25689TRSOPENH	EUR											
Certificate	NL0013081995	DJIND25719TRSOPENH	EUR											
Certificate	NL0013081987	DJIND25749TRSOPENH	EUR											
Certificate	DE000VA7PQ23	DJIND25750TL 0319V	EUR											
Certificate	DE000VAGEE47	DJIND25750TL 1218V	EUR											
Certificate	DE000VA71U60	DJIND25750TS 0319V	EUR											
Certificate	DE000VA71VD2	DJIND25750TS 1218V	EUR											
Certificate	NL0012999981	DJIND25760TL OPENB	EUR											
Certificate	NL0013081979	DJIND25779TRSOPENH	EUR											
Certificate	NL0013084080	DJIND25790TS OPENH	EUR											
Certificate	NL0013081961	DJIND25809TRSOPENH	EUR											
Certificate	DE000CJ3N2H4	DJIND25811TL OPENZ	EUR											
Certificate	NL0013000995	DJIND25828BL OPENB	EUR											
Certificate	NL0013081953	DJIND25834TRSOPENH	EUR	2,2900	4,0000	1,5800	9030,2500	11	4,0000	4400				
Certificate	NL0013010754	DJIND25860TS OPENB	EUR	6,2400	6,2400	6,2400			6,2400					
Certificate	NL0013081946	DJIND25864TRSOPENH	EUR	3,1700	4,2600	3,1700	570,6000	1	4,2600	180				
Certificate	DE000CJ3PBV2	DJIND25869TS OPENZ	EUR											
Certificate	NL0013010457	DJIND25871BS OPENB	EUR	2,7200	5,0400	2,4100	4092,0000	7	4,7100	1400				
Certificate	NL0013081938	DJIND25894TRSOPENH	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	NL0013081920	DJIND25924TRSOPENH	EUR	5,2700	5,3100	4,7700	1904,4000	2	4,7700	360				
Certificate	NL0013003122	DJIND25930TL OPENB	EUR											
Certificate	DE000VA71TM7	DJIND25942TS OPENV	EUR	4,8630	4,8630	4,8630			4,8630					
Certificate	NL0013081912	DJIND25954TRSOPENH	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	NL0013081904	DJIND25984TRSOPENH	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	DE000CP06P89	DJIND26000TL OPENC	EUR											
Certificate	DE000CP06PW8	DJIND26000TL OPENC	EUR											
Certificate	LU1840974940	DJIND26000TPIOPENS	EUR											
Certificate	DE000VA71MK6	DJIND26000TS 0319V	EUR	0,5425	0,5425	0,5425			0,5425					
Certificate	DE000VA71NC1	DJIND26000TS 1218V	EUR	0,5485	0,5485	0,5485			0,5485					
Certificate	DE000CJ3N6A0	DJIND26000TS 1218Z	EUR											
Certificate	DE000CP06YF5	DJIND26000TS OPENC	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	NL0013081896	DJIND26014TRSOPENH	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	NL0013083298	DJIND26034TRSOPENH	EUR	5,6800	5,6800	5,6800			5,6800					
Certificate	NL0013081888	DJIND26044TRSOPENH	EUR	4,4100	5,7900	4,4100	793,8000	1	5,7900	180				
Certificate	NL0013010762	DJIND26060TS OPENB	EUR	8,0000	8,0000	8,0000			8,0000					
Certificate	NL0013010465	DJIND26071BS OPENB	EUR	4,2500	6,4500	4,2500	2905,0000	6	6,4500	600				
Certificate	NL0013081870	DJIND26074TRSOPENH	EUR	3,5200	6,0500	3,5200	1110,3000	4	6,0500	270				
Certificate	NL0013084072	DJIND26090TS OPENH	EUR	10,5600	10,5600	10,5600			10,5600					
Certificate	NL0013081862	DJIND26104TRSOPENH	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	DE000CJ3N4T5	DJIND26118TS OPENZ	EUR											
Certificate	NL0013080617	DJIND26132TRSOPENH	EUR	4,4500	6,5600	4,4500	712,0000	1	6,5600	160				
Certificate	NL0013080609	DJIND26162TRSOPENH	EUR	6,8200	6,8200	6,8200			6,8200					
Certificate	NL0013080591	DJIND26192TRSOPENH	EUR	7,0800	7,0800	7,0800			7,0800					
Certificate	DE000VA7THL9	DJIND26192TS OPENV	EUR	7,0050	7,0050	7,0050			7,0050					
Certificate	NL0013080583	DJIND26222TRSOPENH	EUR	7,3400	7,3400	7,3400			7,3400					
Certificate	DE000VA71MNO	DJIND26250TS 0319V	EUR	0,7990	0,7990	0,7400	409,9500	2	0,7535	550				
Certificate	DE000VA71NF4	DJIND26250TS 1218V	EUR	0,7645	0,7645	0,7645			0,7645					
Certificate	NL0013080575	DJIND26252TRSOPENH	EUR	5,6900	7,6000	5,5400	2240,0000	2	7,6000	400				
Certificate	NL0013009467	DJIND26260TS OPENB	EUR	9,7600	9,7600	9,7600			9,7600					
Certificate	NL0013010473	DJIND26271BS OPENB	EUR	8,1900	8,1900	8,1900			8,1900					
Certificate	NL0013080567	DJIND26282TRSOPENH	EUR	7,8600	7,8600	7,8600			7,8600					
Certificate	NL0013080559	DJIND26312TRSOPENH	EUR	7,4200	8,1200	7,4200	742,0000	1	8,1200	100				
Certificate	NL0013081359	DJIND26330TS OPENH	EUR	12,7200	12,7200	12,7200			12,7200					
Certificate	NL0013083280	DJIND26334TRSOPENH	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	NL0013080542	DJIND26342TRSOPENH	EUR	8,3900	8,3900	8,3900			8,3900					
Certificate	DE000CJ3N7Q4	DJIND26371TS OPENZ	EUR	0,6850	0,8750	0,6850			0,8750					
Certificate	NL0013080534	DJIND26372TRSOPENH	EUR	8,6500	8,6500	8,6500			8,6500					
Certificate	NL0013080526	DJIND26402TRSOPENH	EUR	8,9100	8,9100	8,9100			8,9100					
Certificate	NL0013080518	DJIND26432TRSOPENH	EUR	9,1700	9,1700	9,1700			9,1700					
Certificate	DE000VA7THM7	DJIND26442TS OPENV	EUR	9,1450	9,1450	9,1450			9,1450					
Certificate	NL0013009475	DJIND26460TS OPENB	EUR	11,5200	11,5200	11,5200			11,5200					
Certificate	NL0013080500	DJIND26462TRSOPENH	EUR	9,4300	9,4300	9,4300			9,4300					
Certificate	NL0013008493	DJIND26469BS OPENB	EUR	7,5800	10,5300	7,4200	19612,0700	19	9,9200	2177				
Certificate	NL0013080492	DJIND26492TRSOPENH	EUR	9,6900	9,6900	9,6900			9,6900					
Certificate	DE000VA71MS9	DJIND26500TS 0319V	EUR	0,9645	0,9645	0,9645			0,9645					
Certificate	DE000VA71NJ6	DJIND26500TS 1218V	EUR	0,9805	0,9805	0,9805			0,9805					
Certificate	DE000CP06V99	DJIND26500TS OPENC	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	DE000CP07BQ8	DJIND26500TS OPENC	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	NL0013080484	DJIND26522TRSOPENH	EUR	9,9400	9,9400	9,9400			9,9400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013080476	DJIND26552TRSOPENH	EUR	10,2100	10,2100	10,2100			10,2100					
Certificate	NL0013080468	DJIND26582TRSOPENH	EUR	10,4700	10,4700	10,4700			10,4700					
Certificate	DE000CJ3N6Q6	DJIND26586TS OPENZ	EUR	11,1400	13,0300	11,1400				13,0300				
Certificate	NL0013084874	DJIND26600TS OPENH	EUR	15,0400	15,0400	15,0400				15,0400				
Certificate	NL0013080450	DJIND26612TRSOPENH	EUR	10,7300	10,7300	10,7300				10,7300				
Certificate	DE000CJ3N4U3	DJIND26618TS OPENZ	EUR	0,8950	1,0850	0,8950				1,0850				
Certificate	NL0013084338	DJIND26639TRSOPENH	EUR	10,9400	10,9400	10,9400				10,9400				
Certificate	NL0013080443	DJIND26642TRSOPENH	EUR	9,8700	10,9900	8,9800	207,3500	2		10,9900	22			
Certificate	NL0013009483	DJIND26660TS OPENB	EUR	12,1400	13,2800	12,1200	424,9000	1		13,2800	35			
Certificate	NL0013008501	DJIND26669BS OPENB	EUR	11,6600	11,6600	11,6600				11,6600				
Certificate	NL0013080435	DJIND26672TRSOPENH	EUR	11,2500	11,2500	11,2500				11,2500				
Certificate	DE000VA77HP0	DJIND26692TS OPENV	EUR	11,2750	11,2750	11,2750				11,2750				
Certificate	NL0013080427	DJIND26702TRSOPENH	EUR	11,5100	11,5100	11,5100				11,5100				
Certificate	NL0013080419	DJIND26732TRSOPENH	EUR	11,7400	11,7400	11,7400				11,7400				
Certificate	DE000VA71MV3	DJIND26750TS 0319V	EUR	1,1755	1,1755	1,1755				1,1755				
Certificate	DE000VA71NL2	DJIND26750TS 1218V	EUR	1,1965	1,1965	1,1965				1,1965				
Certificate	NL0013080401	DJIND26762TRSOPENH	EUR	12,0300	12,0300	12,0300				12,0300				
Certificate	NL0013080393	DJIND26792TRSOPENH	EUR	12,3000	12,3000	12,3000				12,3000				
Certificate	NL0013080385	DJIND26822TRSOPENH	EUR	12,5600	12,5600	12,5600				12,5600				
Certificate	NL0012520019	DJIND26846TRSOPENH	EUR											
Certificate	NL0013080377	DJIND26852TRSOPENH	EUR	12,8200	12,8200	12,8200				12,8200				
Certificate	NL0013009491	DJIND26860TS OPENB	EUR	15,0400	15,0400	15,0400				15,0400				
Certificate	NL0013008519	DJIND26869BS OPENB	EUR	12,0700	13,6900	12,0700	1288,0000	2		13,4100	100			
Certificate	DE000CJ3N7R2	DJIND26871TS OPENZ	EUR	1,1150	1,3050	1,1150				1,3050				
Certificate	NL0013084320	DJIND26879TRSOPENH	EUR	13,0200	13,0200	13,0200				13,0200				
Certificate	NL0013084312	DJIND26919TRSOPENH	EUR	13,4000	13,4000	13,4000				13,4000				
Certificate	NL0012554877	DJIND26940TS OPENH	EUR	18,1300	18,1300	18,1300				18,1300				
Certificate	NL0012905319	DJIND26941TRSOPENH	EUR	13,5800	13,5800	13,5800				13,5800				
Certificate	NL0012905301	DJIND26951TRSOPENH	EUR	13,6700	13,6700	13,6700				13,6700				
Certificate	NL0012901334	DJIND26961TRSOPENH	EUR	13,7200	13,7200	13,7200				13,7200				
Certificate	NL0012545990	DJIND26981TRSOPENH	EUR	13,9300	13,9300	13,9300				13,9300				
Certificate	DE000VA77BA5	DJIND27000TS 0319V	EUR	1,3865	1,3865	1,3865				1,3865				
Certificate	DE000VA321N9	DJIND27000TS 1218V	EUR	1,2260	1,4105	1,1450	5753,1000	6		1,4105	4800			
Certificate	DE000CJ3N1U9	DJIND27000TS 1218Z	EUR	1,2150	1,4050	1,2150				1,4050				
Certificate	DE000CP06396	DJIND27000TS OPENC	EUR	1,6700	1,6700	1,6700				1,6700				
Certificate	DE000CP06VA2	DJIND27000TS OPENC	EUR	1,3900	1,3900	1,3900				1,3900				
Certificate	NL0012892616	DJIND27024TRSOPENH	EUR	14,2800	14,2800	14,2800				14,2800				
Certificate	NL0012904692	DJIND27050TRSOPENH	EUR	14,5100	14,5100	14,5100				14,5100				
Certificate	NL0012992218	DJIND27068BS OPENB	EUR	15,1400	15,1400	15,1400				15,1400				
Certificate	NL0013002306	DJIND27070TS OPENB	EUR	16,8800	16,8800	16,8800				16,8800				
Certificate	NL0012895320	DJIND27072TRSOPENH	EUR	14,7200	14,7200	14,7200				14,7200				
Certificate	NL0012561252	DJIND27092TRSOPENH	EUR	14,8900	14,8900	14,8900				14,8900				
Certificate	DE000CE6F552	DJIND27118TS OPENZ	EUR	1,3250	1,5150	1,3250	2680,0000	2		1,5150	2000			
Certificate	NL0012904320	DJIND27119TRSOPENH	EUR	15,1000	15,1000	15,1000				15,1000				
Certificate	NL0012554869	DJIND27140TS OPENH	EUR	19,9100	19,9100	19,9100				19,9100				
Certificate	NL0012901243	DJIND27151TRSOPENH	EUR	15,4000	15,4000	15,4000				15,4000				
Certificate	NL0012904312	DJIND27179TRSOPENH	EUR	15,6200	15,6200	15,6200				15,6200				
Certificate	LU1817097238	DJIND27190TPIOPENS	EUR	15,0500	15,0500	15,0500				15,0500				
Certificate	NL0012561187	DJIND27201TRSOPENH	EUR	15,8400	15,8400	15,8400				15,8400				
Certificate	NL0012904304	DJIND27229TRSOPENH	EUR	16,0400	16,0400	16,0400				16,0400				
Certificate	DE000VA7PWL6	DJIND27250TS 0319V	EUR	1,5985	1,5985	1,5985				1,5985				
Certificate	DE000VA32302	DJIND27250TS 1218V	EUR	1,6265	1,6265	1,6265				1,6265				
Certificate	NL0012901862	DJIND27251TRSOPENH	EUR	16,2400	16,2400	16,2400				16,2400				
Certificate	NL0012998462	DJIND27269BS OPENB	EUR	16,8900	16,8900	16,8900				16,8900				
Certificate	NL0012904296	DJIND27279TRSOPENH	EUR	16,4800	16,4800	16,4800				16,4800				
Certificate	NL0012676803	DJIND27280TS OPENB	EUR	23,6600	23,6600	23,6600				23,6600				
Certificate	NL0012901854	DJIND27301TRSOPENH	EUR	16,7000	16,7000	16,7000				16,7000				
Certificate	NL0012904288	DJIND27329TRSOPENH	EUR	16,9200	16,9200	16,9200				16,9200				
Certificate	NL0012554851	DJIND27340TS OPENH	EUR	21,6800	21,6800	21,6800				21,6800				
Certificate	NL0012901847	DJIND27351TRSOPENH	EUR	17,1100	17,1100	17,1100				17,1100				
Certificate	DE000CE6FE26	DJIND27367TS OPENZ	EUR	1,5450	1,7350	1,5450				1,7350				
Certificate	NL0012181374	DJIND27378TRSOPENH	EUR	17,3600	17,3600	17,3600				17,3600				
Certificate	NL0012901839	DJIND27401TRSOPENH	EUR	17,5400	17,5400	17,5400				17,5400				
Certificate	NL0012901821	DJIND27421TRSOPENH	EUR	17,7100	17,7100	17,7100				17,7100				
Certificate	DE000VL61G75	DJIND27423TS OPENV	EUR	13,4050	13,4050	13,4050				13,4050				
Certificate	NL0012901813	DJIND27451TRSOPENH	EUR	17,9700	17,9700	17,9700				17,9700				
Certificate	NL0013000243	DJIND27469BS OPENB	EUR	18,6300	18,6300	18,6300				18,6300				
Certificate	NL0013000870	DJIND27470TS OPENB	EUR	25,3900	25,3900	25,3900				25,3900				
Certificate	NL0012545917	DJIND27475TRSOPENH	EUR	18,1900	18,1900	18,1900				18,1900				
Certificate	DE000VA7PPD7	DJIND27500TS 0319V	EUR	1,8105	1,8105	1,8105				1,8105				
Certificate	DE000VA325G4	DJIND27500TS 1218V	EUR	1,8435	1,8435	1,8435				1,8435				
Certificate	NL0012901805	DJIND27501TRSOPENH	EUR	18,4000	18,4000	18,4000				18,4000				



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	NL0012904270	DJIND27529TRSOPENH	EUR	18,6300	18,6300	18,6300			18,6300					
Certificate	NL0012554844	DJIND27540TS OPENH	EUR	22,4800	23,4500	22,3700	11212,5000	2	23,4500	500				
Certificate	NL0012892566	DJIND27564TRSOPENH	EUR	18,9700	18,9700	18,9700			18,9700					
Certificate	DE000CE6F397	DJIND27586TS OPENZ	EUR	19,9950	21,8800	19,9950			21,8800					
Certificate	NL0012904684	DJIND27590TRSOPENH	EUR	19,1700	19,1700	19,1700			19,1700					
Certificate	NL0012904262	DJIND27609TRSOPENH	EUR	19,3300	19,3300	19,3300			19,3300					
Certificate	DE000CV4YQX0	DJIND27623TS OPENZ	EUR	1,7650	1,9550	1,7650			1,9550					
Certificate	NL0012904676	DJIND27640TRSOPENH	EUR	19,6000	19,6000	19,6000			19,6000					
Certificate	NL0012901797	DJIND27661TRSOPENH	EUR	19,8200	19,8200	19,8200			19,8200					
Certificate	NL0013001639	DJIND27670TS OPENB	EUR	27,1900	27,1900	27,1900			27,1900					
Certificate	NL0013001019	DJIND27671BS OPENB	EUR	20,3900	20,3900	20,3900			20,3900					
Certificate	NL0012904668	DJIND27690TRSOPENH	EUR	20,0400	20,0400	20,0400			20,0400					
Certificate	NL0012904254	DJIND27709TRSOPENH	EUR	20,2300	20,2300	20,2300			20,2300					
Certificate	NL0012904650	DJIND27740TRSOPENH	EUR	20,4700	20,4700	20,4700			20,4700					
Certificate	NL0012554836	DJIND27740TS OPENH	EUR	25,1900	25,1900	25,1900			25,1900					
Certificate	DE000VA7PPG0	DJIND27750TS 0319V	EUR	2,0255	2,0255	2,0255			2,0255					
Certificate	DE000VA4RL94	DJIND27750TS 1218V	EUR	2,0605	2,0605	2,0605			2,0605					
Certificate	NL0012892558	DJIND27764TRSOPENH	EUR	20,6600	20,6600	20,6600			20,6600					
Certificate	NL0012906309	DJIND27792TRSOPENH	EUR	20,9000	20,9000	20,9000			20,9000					
Certificate	NL0012904247	DJIND27829TRSOPENH	EUR	21,2300	21,2300	21,2300			21,2300					
Certificate	NL0012907307	DJIND27852TRSOPENH	EUR	21,4300	21,4300	21,4300			21,4300					
Certificate	NL0013004682	DJIND27872BS OPENB	EUR	22,1400	22,1400	22,1400			22,1400					
Certificate	NL0012906291	DJIND27892TRSOPENH	EUR	21,8100	21,8100	21,8100			21,8100					
Certificate	DE000CV4YW56	DJIND27894TS OPENZ	EUR	2,0050	2,1950	2,0050	1030,0000	1	2,1950	500				
Certificate	NL0013078124	DJIND27914TRSOPENH	EUR	22,0000	22,0000	22,0000			22,0000					
Certificate	DE000VL61G91	DJIND27923TS OPENV	EUR	17,7450	17,7450	17,7450			17,7450					
Certificate	NL0012554828	DJIND27940TS OPENH	EUR	27,0100	27,0100	27,0100			27,0100					
Certificate	NL0012907299	DJIND27952TRSOPENH	EUR	22,3000	22,3000	22,3000			22,3000					
Certificate	LU1817097311	DJIND27990TPIOPENS	EUR	21,9400	21,9400	21,9400			21,9400					
Certificate	DE000VA7PPK2	DJIND28000TS 0319V	EUR	2,2395	2,2395	2,2395			2,2395					
Certificate	DE000VA4YTX6	DJIND28000TS 1218V	EUR	2,2765	2,2765	2,2765			2,2765					
Certificate	DE000CJ3NUX3	DJIND28000TS 1218Z	EUR	2,0850	2,2750	2,0850			2,2750					
Certificate	DE000CY51Y73	DJIND28000TS OPENC	EUR	1,6200	1,6300	1,6200	121,5000	1	1,6300	75				
Certificate	DE000CQ5BP36	DJIND28000TS OPENC	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	DE000CY52046	DJIND28000TS OPENC	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	NL0012892533	DJIND28013TRSOPENH	EUR	22,8600	22,8600	22,8600			22,8600					
Certificate	DE000VL8XH38	DJIND28058TS OPENV	EUR	20,1150	20,1150	20,1150			20,1150					
Certificate	NL0012907281	DJIND28082TRSOPENH	EUR	23,4300	23,4300	23,4300			23,4300					
Certificate	DE000CV4YX22	DJIND28139TS OPENZ	EUR	2,2150	2,4050	2,2150			2,4050					
Certificate	NL0012554810	DJIND28140TS OPENH	EUR	28,7600	28,7600	28,7600			28,7600					
Certificate	NL0012901789	DJIND28161TRSOPENH	EUR	24,1500	24,1500	24,1500			24,1500					
Certificate	NL0013084304	DJIND28249TRSOPENH	EUR	24,8800	24,8800	24,8800			24,8800					
Certificate	DE000VA7PPM8	DJIND28250TS 0319V	EUR	2,4535	2,4535	2,4535			2,4535					
Certificate	DE000VA4YV69	DJIND28250TS 1218V	EUR	2,4935	2,4935	2,4935			2,4935					
Certificate	NL0012676811	DJIND28280TS OPENB	EUR	32,6300	32,6300	32,6300			32,6300					
Certificate	NL0013084296	DJIND28299TRSOPENH	EUR	25,3300	25,3300	25,3300			25,3300					
Certificate	DE000VL8XH46	DJIND28308TS OPENV	EUR	22,2850	22,2850	22,2850			22,2850					
Certificate	NL0012554802	DJIND28340TS OPENH	EUR	30,5600	30,5600	30,5600			30,5600					
Certificate	NL0013084288	DJIND28349TRSOPENH	EUR	25,7600	25,7600	25,7600			25,7600					
Certificate	NL0012901771	DJIND28361TRSOPENH	EUR	25,8900	25,8900	25,8900			25,8900					
Certificate	DE000CV4YX30	DJIND28393TS OPENZ	EUR	2,4350	2,6250	2,4350			2,6250					
Certificate	NL0012910137	DJIND28457TRSOPENH	EUR	26,7000	26,7000	26,7000			26,7000					
Certificate	LU1840349135	DJIND28480TPIOPENS	EUR	26,5700	26,5700	26,5700			26,5700					
Certificate	DE000VA7PPP1	DJIND28500TS 0319V	EUR	2,6685	2,6685	2,6685			2,6685					
Certificate	DE000VASRP24	DJIND28500TS 1218V	EUR	2,7105	2,7105	2,7105			2,7105					
Certificate	DE000CY52521	DJIND28500TS OPENC	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	NL0012901763	DJIND28511TRSOPENH	EUR	27,2000	27,2000	27,2000			27,2000					
Certificate	DE000VL8XH53	DJIND28558TS OPENV	EUR	24,4550	24,4550	24,4550			24,4550					
Certificate	DE000CV4YVH3	DJIND28606TS OPENZ	EUR	28,9450	30,8500	28,9450			30,8500					
Certificate	DE000CV423F6	DJIND28651TS OPENZ	EUR	2,6650	2,8550	2,6650			2,8550					
Certificate	NL0012901755	DJIND28710TRSOPENH	EUR	28,9100	28,9100	28,9100			28,9100					
Certificate	DE000VA7PPR7	DJIND28750TS 0319V	EUR	2,8835	2,8835	2,8835			2,8835					
Certificate	DE000VA6TOL0	DJIND28750TS 1218V	EUR	2,9275	2,9275	2,9275			2,9275					
Certificate	NL0012901748	DJIND28860TRSOPENH	EUR	30,2400	30,2400	30,2400			30,2400					
Certificate	DE000VA2T8F9	DJIND28872TS OPENV	EUR	28,6650	28,6650	28,6650			28,6650					
Certificate	DE000CV423G4	DJIND28905TS OPENZ	EUR	2,8850	3,0750	2,8850			3,0750					
Certificate	NL0012892509	DJIND28912TRSOPENH	EUR	30,6900	30,6900	30,6900			30,6900					
Certificate	NL0012903785	DJIND28980TS OPENH	EUR	36,2300	36,2300	36,2300			36,2300					
Certificate	NL0013008527	DJIND28992BS OPENB	EUR	31,8900	31,8900	31,8900			31,8900					
Certificate	NL0012550297	DJIND28995TRSOPENH	EUR	31,4200	31,4200	31,4200			31,4200					
Certificate	DE000VA7PPS5	DJIND29000TS 0319V	EUR	3,0985	3,0985	3,0985			3,0985					
Certificate	DE000VA6TOP1	DJIND29000TS 1218V	EUR	3,1445	3,1445	3,1445			3,1445					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3NNZ3	DJIND29000TS 1218Z	EUR	2,9550	3,1450	2,9550			3,1450					
Certificate	DE000CV52CL5	DJIND29000TS OPENC	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	DE000CP06MQ7	DJIND29000TS OPENC	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	DE000CV52F00	DJIND29000TS OPENC	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	NL0012901730	DJIND29060TRSOPENH	EUR	31,9900	31,9900	31,9900			31,9900					
Certificate	DE000CV427C4	DJIND29146TS OPENZ	EUR	3,0950	3,2850	3,0950			3,2850					
Certificate	NL0012901722	DJIND29210TRSOPENH	EUR	33,2900	33,2900	33,2900			33,2900					
Certificate	DE000VA7PPU1	DJIND29250TS 0319V	EUR	3,3135	3,3135	3,3135			3,3135					
Certificate	DE000VASFJ14	DJIND29265TS OPENV	EUR	33,0150	33,0150	33,0150			33,0150					
Certificate	DE000CV42B01	DJIND29407TS OPENZ	EUR	3,3250	3,5150	3,3250			3,5150					
Certificate	NL0013003882	DJIND29430TS OPENB	EUR	37,6500	37,6500	37,6500			37,6500					
Certificate	NL0012560346	DJIND29470TRSOPENH	EUR	35,5500	35,5500	35,5500			35,5500					
Certificate	DE000VA7PPX5	DJIND29500TS 0319V	EUR	3,5285	3,5285	3,5285			3,5285					
Certificate	NL0012554794	DJIND29530TS OPENH	EUR	41,1700	41,1700	41,1700			41,1700					
Certificate	NL0012196497	DJIND29540TRSOPENH	EUR	36,1400	36,1400	36,1400			36,1400					
Certificate	DE000CV4YX71	DJIND29596TS OPENZ	EUR	37,7350	39,6550	37,7350			39,6550					
Certificate	NL0012197602	DJIND29643TRSOPENH	EUR	37,0500	37,0500	37,0500			37,0500					
Certificate	DE000CV42C91	DJIND29662TS OPENZ	EUR	3,5450	3,7350	3,5450			3,7350					
Certificate	DE000VA6D419	DJIND29726TS OPENV	EUR	37,3650	37,3650	37,3650			37,3650					
Certificate	DE000VA7PP16	DJIND29750TS 0319V	EUR	3,7445	3,7445	3,7445			3,7445					
Certificate	DE000CV42JD4	DJIND29918TS OPENZ	EUR	3,7650	3,9550	3,7650			3,9550					
Certificate	NL0012197578	DJIND29935TRSOPENH	EUR	39,6100	39,6100	39,6100			39,6100					
Certificate	DE000CV52GD3	DJIND30000TS OPENC	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	DE000CQ58UD6	DJIND30000TS OPENC	EUR	3,9000	3,9000	3,9000			3,9000					
Certificate	DE000CP063A8	DJIND30000TS OPENC	EUR	4,3200	4,3200	4,3200			4,3200					
Certificate	DE000CV52F18	DJIND30000TS OPENC	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	NL0012905962	DJIND30170TRSOPENH	EUR	41,6200	41,6200	41,6200			41,6200					
Certificate	DE000CV42JE2	DJIND30171TS OPENZ	EUR	3,9850	4,1750	3,9850			4,1750					
Certificate	NL0012676829	DJIND30280TS OPENB	EUR	49,1900	50,5600	49,1600	1082,1800	1	50,5600	22				
Certificate	NL0012895304	DJIND30388TRSOPENH	EUR	43,5200	43,5200	43,5200			43,5200					
Certificate	DE000CV42KX0	DJIND30428TS OPENZ	EUR	4,2050	4,4050	4,2050			4,4050					
Certificate	NL0012677389	DJIND30505BS OPENB	EUR	45,0700	45,0700	45,0700			45,0700					
Certificate	DE000CV42CR9	DJIND30596TS OPENZ	EUR	46,5150	48,4400	46,5150			48,4400					
Certificate	NL0012314173	DJIND30665TRSOPENH	EUR	45,9700	45,9700	45,9700			45,9700					
Certificate	DE000CV42LL3	DJIND30689TS OPENZ	EUR	4,4350	4,6350	4,4350			4,6350					
Certificate	NL0012554786	DJIND30730TS OPENH	EUR	51,8600	51,8600	51,8600			51,8600					
Certificate	NL0012905954	DJIND30870TRSOPENH	EUR	47,7200	47,7200	47,7200			47,7200					
Certificate	DE000CV42PW1	DJIND30945TS OPENZ	EUR	4,6550	4,8550	4,6550			4,8550					
Certificate	DE000CV8AC47	DJIND31000TS 1218Z	EUR	4,6850	4,8850	4,6850			4,8850					
Certificate	DE000CP063B6	DJIND31000TS OPENC	EUR	5,2100	5,2100	5,2100			5,2100					
Certificate	DE000CP061L9	DJIND31000TS OPENC	EUR	4,8100	4,8100	4,8100			4,8100					
Certificate	DE000CV52S39	DJIND31000TS OPENC	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	NL0012901714	DJIND31159TRSOPENH	EUR	50,2700	50,2700	50,2700			50,2700					
Certificate	NL0012901706	DJIND31409TRSOPENH	EUR	52,4500	52,4500	52,4500			52,4500					
Certificate	DE000CV42LB4	DJIND31596TS OPENZ	EUR	55,3550	57,2900	55,3550			57,2900					
Certificate	NL0012905947	DJIND31620TRSOPENH	EUR	54,2800	54,2800	54,2800			54,2800					
Certificate	NL0012554778	DJIND31930TS OPENH	EUR	62,5000	62,5000	62,5000			62,5000					
Certificate	NL0012907273	DJIND31931TRSOPENH	EUR	56,9600	56,9600	56,9600			56,9600					
Certificate	DE000CJ3NQ05	DJIND31946TS OPENZ	EUR	5,5200	5,7200	5,5200			5,7200					
Certificate	DE000CP06P97	DJIND32000TS OPENC	EUR	5,7300	5,7300	5,7300			5,7300					
Certificate	DE000CV87QH5	DJIND32984TS OPENZ	EUR	6,4300	6,6200	6,4300			6,6200					
Certificate	DE000CJ3NUY1	DJIND33000TS 1218Z	EUR	6,4100	6,6100	6,4100			6,6100					
Certificate	NL0012849806	DJIND33086TRSOPENH	EUR	67,0100	67,0100	67,0100			67,0100					
Certificate	NL0012903777	DJIND33580TS OPENH	EUR	77,1200	77,1200	77,1200			77,1200					
Certificate	NL0012520001	DJIND33596TRSOPENH	EUR											
Certificate	DE000CV87NJ8	DJIND33606TS OPENZ	EUR	73,0050	74,9600	73,0050			74,9600					
Certificate	DE000CJ3NRY7	DJIND35606TS OPENZ	EUR	90,5700	92,5500	90,5700			92,5500					
Certificate	NL0012905939	DJIND36468TRSOPENH	EUR	96,5300	96,5300	96,5300			96,5300					
Certificate	DE0006075369	DJINS PI OPENN	EUR	28,1400	28,1400	28,1400			28,1400					
Certificate	DE000CNGJ572	DJINS175.ZTL OPENZ	EUR	10,0250	10,0250	10,0250			10,0250					
Certificate	DE000CNGJ5Y0	DJINS198.ITL OPENZ	EUR	7,7300	7,7300	7,7300			7,7300					
Certificate	DE000CE6C568	DJINS233.5TL OPENZ	EUR	4,2050	4,2050	4,2050			4,2050					
Certificate	DE000CV87N02	DJINS253.9TL OPENZ	EUR	2,1850	2,1850	2,1850			2,1850					
Certificate	DE000CD64FW4	DJINS310.8TS OPENZ	EUR	3,6350	3,6350	3,6350			3,6350					
Certificate	DE000CE6FCZ0	DJINS362.4TS OPENZ	EUR	8,7900	8,7900	8,7900			8,7900					
Certificate	DE000CNGJ5B8	DJMAT 278.TL OPENZ	EUR	12,4850	12,4850	12,4850			12,4850					
Certificate	DE000CNGJIT2	DJMAT312.9TL OPENZ	EUR	8,9900	8,9900	8,9900			8,9900					
Certificate	DE000CE6BHM6	DJMAT367.3TL OPENZ	EUR	4,1300	4,1300	3,5850	619,5000	1	3,5850	150				
Certificate	DE000CD645X8	DJMAT473.6TS OPENZ	EUR	7,2300	7,2300	7,2300			7,2300					
Certificate	DE000CE6C881	DJMAT552.9TS OPENZ	EUR	15,1500	15,1500	15,1500			15,1500					
Certificate	DE000CE6CDC4	DJMED 231.TL OPENZ	EUR	5,0050	5,0050	5,0050			5,0050					
Certificate	DE000CE6HE7	DJMED199.ITL OPENZ	EUR	8,1950	8,1950	8,1950			8,1950					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV87MX1	DJMED251.2TL OPENZ	EUR	2,9850	2,9850	2,9850			2,9850					
Certificate	DE000CE6CES8	DJMED321.5TS OPENZ	EUR	4,1550	4,1550	4,1550			4,1550					
Certificate	DE000CV89Y11	DJMED371.4TS OPENZ	EUR	9,1400	9,1400	9,1400								
Certificate	DE0006075328	DJOIL PI OPENN	EUR	36,4300	36,4300	36,4300								
Certificate	NL0006470858	DJOIL 93TL OPENB	EUR	25,3250	25,3250	25,3250								
Certificate	NL0006468845	DJOIL 127TL OPENB	EUR	22,0850	22,0850	22,0850								
Certificate	NL0011655881	DJOIL 214TL OPENB	EUR	13,7900	13,7900	13,7900								
Certificate	NL0012034649	DJOIL 255TL OPENB	EUR	9,8400	9,8400	9,8400								
Certificate	NL0012781553	DJOIL 297TL OPENB	EUR	5,8400	5,8400	5,8400								
Certificate	NL0013002298	DJOIL 340TL OPENB	EUR	1,8000	1,8000	1,8000								
Certificate	NL0012791180	DJOIL 369TS OPENB	EUR	4,7900	4,7900	4,7900								
Certificate	DE000CV8AYM8	DJRES 407.TL OPENZ	EUR	2,5700	2,5700	2,5700								
Certificate	DE000CN6KE00	DJRES224.5TL OPENZ	EUR	20,7200	20,7200	20,7200								
Certificate	DE000CD627T4	DJRES267.3TL OPENZ	EUR	16,4400	16,4400	16,4400								
Certificate	DE000CD63M86	DJRES317.3TL OPENZ	EUR	11,4400	11,4400	11,4400								
Certificate	DE000CE6E8T5	DJRES366.9TL OPENZ	EUR	6,5000	6,5000	6,5000								
Certificate	DE000CV8A7L0	DJRES504.5TS OPENZ	EUR	7,4700	7,4700	7,4700								
Certificate	DE000CE6F454	DJRES554.4TS OPENZ	EUR	12,4400	12,4400	12,4400								
Certificate	DE000CV88X41	DJRES654.3TS OPENZ	EUR	22,4200	22,4200	22,4200								
Certificate	NL0012492102	DJRET 208TL OPENB	EUR	8,9700	8,9700	8,9700								
Certificate	NL0011271382	DJRET 248TL OPENB	EUR	5,1100	5,1100	5,1100								
Certificate	NL0013006505	DJRET 310TS OPENB	EUR	3,9800	3,9800	3,9800								
Certificate	NL0011089198	DJRET 349TS OPENB	EUR	8,1200	8,1200	8,1200								
Certificate	DE000CE6EJ51	DJRET218.3TL OPENZ	EUR	7,0600	7,0600	7,0600								
Certificate	DE000CE6CDD2	DJRET254.2TL OPENZ	EUR	3,5450	3,5450	3,5450								
Certificate	DE000CV87N28	DJRET273.9TL OPENZ	EUR	1,6350	1,6350	1,6350								
Certificate	DE000CE6CEU4	DJRET350.2TS OPENZ	EUR	6,3000	6,3000	6,3000								
Certificate	DE000CV88TR6	DJRET400.2TS OPENZ	EUR	11,2700	11,2700	11,2700								
Certificate	DE0006075385	DJTCH PI OPENN	EUR	40,5800	40,5800	40,5800								
Certificate	NL0011907142	DJTCH 307TL OPENB	EUR	14,0500	14,0500	14,0500								
Certificate	NL0012693006	DJTCH 349TL OPENB	EUR	9,9800	9,9800	9,9800								
Certificate	NL0012120968	DJTCH 389TL OPENB	EUR	6,1700	6,1700	6,1700								
Certificate	NL0012996326	DJTCH 474TS OPENB	EUR	6,7400	6,7400	6,7400								
Certificate	NL0012971154	DJTCH 514TS OPENB	EUR	10,8900	10,8900	10,8900								
Certificate	DE000CN6GA67	DJTCH 291.TL OPENZ	EUR	14,3200	14,3200	14,3200								
Certificate	DE000CN6G8D8	DJTCH308.9TL OPENZ	EUR	12,5450	12,5450	12,5450								
Certificate	DE000CE6CS43	DJTCH358.9TL OPENZ	EUR	7,5500	7,5500	7,5500								
Certificate	DE000CV87N36	DJTCH398.5TL OPENZ	EUR	3,6550	3,6550	3,6550								
Certificate	DE000CE6CM90	DJTCH511.2TS OPENZ	EUR	7,8600	7,8600	7,8600								
Certificate	DE000CV87N44	DJTCH561.6TS OPENZ	EUR	12,8800	12,8800	12,8800								
Certificate	DE0006075393	DJTLC PI OPENN	EUR	23,2800	23,2800	23,2800								
Certificate	DE000CE6FKQ2	DJTLC 198.TL OPENZ	EUR	4,3750	4,3750	4,3750								
Certificate	DE000CJ3NNQ2	DJTLC163.2TL OPENZ	EUR	7,8400	7,8400	7,8400								
Certificate	DE000CV8B9W2	DJTLC217.4TL OPENZ	EUR	2,4350	2,4350	2,4350								
Certificate	DE000CV500C7	DJTLC282.9TS OPENZ	EUR	4,2150	4,2150	4,2150								
Certificate	DE000CE6CEQ2	DJTLC327.8TS OPENZ	EUR	8,7000	8,7000	8,7000								
Certificate	DE0006075401	DJUTI PI OPENN	EUR	27,6000	27,6000	27,6000								
Certificate	NL0013007784	DJUTI 157TL OPENB	EUR	12,6300	12,6300	12,6300								
Certificate	NL0010516134	DJUTI 195TL OPENB	EUR	8,9700	8,9700	8,9700								
Certificate	NL0012099121	DJUTI 237TL OPENB	EUR	4,9400	4,9400	4,9400								
Certificate	NL0011089230	DJUTI 299TS OPENB	EUR	4,0500	4,0500	4,0500								
Certificate	DE000CV8A4Q6	DLGS 10.13TL OPENZ	EUR											
Certificate	DE000CV8A4R4	DLGS 12.13TL OPENZ	EUR	1,9250	1,9250	1,9250								
Certificate	DE000CV8A7S5	DLGS 14.13TL OPENZ	EUR	1,5250	1,5250	1,5250								
Certificate	DE000CJ3N450	DLGS 17.13TL OPENZ	EUR	0,9300	0,9300	0,9000								
Certificate	NL0006317588	dMIAX PI OPENN	EUR	19,1400	19,1400	19,1200								
Certificate	DE0005437438	DOWJO PI OPENN	EUR	222,5900	222,5900	222,5900								
Certificate	NL0012861264	DPOST 34.3TS OPENH	EUR	7,9000	8,0400	7,9000								
Certificate	NL0011225339	DPOST16.64TL OPENH	EUR	13,4100	13,4100	13,3200								
Certificate	DE000CV89T04	DPOST19.18TL OPENZ	EUR	9,6600	9,6600	9,6600								
Certificate	NL0011721063	DPOST19.76TL OPENH	EUR	10,4900	10,4900	10,4000								
Certificate	DE000CN6KHC7	DPOST21.21TL OPENZ	EUR	7,6300	7,6300	7,6300								
Certificate	NL0011721055	DPOST21.84TL OPENH	EUR	8,5500	8,5500	8,4500								
Certificate	NL0011721048	DPOST22.36TL OPENH	EUR	8,0600	8,0600	7,9600								
Certificate	NL0011892872	DPOST22.86TL OPENH	EUR	7,6000	7,6000	7,5000								
Certificate	NL0011926837	DPOST23.16TL OPENH	EUR	7,3100	7,3100	7,2200								
Certificate	NL0011928304	DPOST23.67TL OPENH	EUR	6,8300	6,8300	6,7400								
Certificate	NL0011931225	DPOST24.17TL OPENH	EUR	6,3600	6,3600	6,2700								
Certificate	DE000CD62585	DPOST24.22TL OPENZ	EUR	4,6450	4,6450	4,6450								
Certificate	NL0011932587	DPOST24.69TL OPENH	EUR	5,8800	5,8800	5,7900								
Certificate	NL0011933932	DPOST25.23TL OPENH	EUR	5,3700	5,3700	5,2800								
Certificate	NL0011934682	DPOST25.74TL OPENH	EUR	4,9000	4,9000	4,8000								



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011989868	DPOST26.24TL OPENH	EUR	4,4300	4,4300	4,3300			4,3300					
Certificate	NL0011993787	DPOST27.17TL OPENH	EUR	3,5600	3,5600	3,4600			3,4600					
Certificate	DE000CJ3N088	DPOST27.21TL OPENZ	EUR	1,6950	1,6950	1,6950			1,6950					
Certificate	NL0012580757	DPOST37.31TS OPENH	EUR	11,1300	11,2700	11,1300			11,2700					
Certificate	NL0012610125	DPOST38.29TS OPENH	EUR	12,1900	12,3300	12,1900			12,3300					
Certificate	NL0012580740	DPOST39.28TS OPENH	EUR	13,2500	13,3900	13,2500			13,3900					
Certificate	NL0012519458	DPOST40.14TS OPENH	EUR	14,1700	14,3100	14,1700			14,3100					
Certificate	NL0012523864	DPOST40.22TS OPENH	EUR	14,2600	14,4000	14,2600			14,4000					
Certificate	NL0012367734	DPOST41.87TS OPENH	EUR	16,0400	16,1800	16,0400			16,1800					
Certificate	NL0012431043	DPOST42.05TS OPENH	EUR	16,2300	16,3700	16,2300			16,3700					
Certificate	NL0012545552	DPOST44.01TS OPENH	EUR	18,3300	18,4700	18,3300			18,4700					
Certificate	NL0012545545	DPOST45.97TS OPENH	EUR	20,4300	20,5700	20,4300			20,5700					
Certificate	NL0012537518	DPOST49.88TS OPENH	EUR	24,6400	24,7800	24,6400			24,7800					
Certificate	DE000CX01698	DSM 48TL OPENC	EUR	36,0800	36,0800	36,0800			36,0800					
Certificate	DE000CX59324	DSM 50TL OPENC	EUR	3,3500	3,3500	3,2800	16750,0000	3	3,2800	5000				
Certificate	DE000CX59G11	DSM 50TL OPENC	EUR	32,8900	32,8900	32,8900			32,8900					
Certificate	NL0012103824	DSM 54TL OPENB	EUR	30,0150	30,0150	29,6750			29,6750					
Certificate	DE000CY50EP6	DSM 55TL OPENC	EUR	27,1600	27,1600	27,1600			27,1600					
Certificate	DE000CY509U7	DSM 55TL OPENC	EUR	29,0800	29,0800	29,0800			29,0800					
Certificate	DE000CY50UL1	DSM 55TL OPENC	EUR	26,7200	26,7200	26,7200			26,7200					
Certificate	DE000CY50SW2	DSM 55TL OPENC	EUR	28,6300	28,6300	28,6300			28,6300					
Certificate	DE000CX59PJ8	DSM 55TL OPENC	EUR	29,7500	29,7500	29,7500			29,7500					
Certificate	DE000CP06ZM8	DSM 60TL OPENC	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	DE000CY16AK6	DSM 60TL OPENC	EUR	22,9000	22,9000	22,9000			22,9000					
Certificate	DE000CY16FN9	DSM 60TL OPENC	EUR	25,0900	25,0900	25,0900			25,0900					
Certificate	DE000CP06WH5	DSM 60TL OPENC	EUR	2,0800	2,0800	2,0800			2,0800					
Certificate	DE000CY524C4	DSM 65TL OPENC	EUR	19,1900	19,1900	19,1900			19,1900					
Certificate	DE000CY51FJ4	DSM 65TL OPENC	EUR	16,9900	16,9900	16,7000	5012,0500	1	16,7000	295				
Certificate	DE000CY51GS3	DSM 65TL OPENC	EUR	19,6800	19,6800	19,1100	787,2000	1	19,1100	40				
Certificate	DE000CV8ABH6	DSM 68TL 1218Z	EUR	2,3950	2,3950	2,3950			2,3950					
Certificate	DE000CP06ZN6	DSM 70TL OPENC	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	DE000CY51WA8	DSM 70TL OPENC	EUR	14,3700	14,3700	14,3700			14,3700					
Certificate	DE000CY51US4	DSM 70TL OPENC	EUR	11,7100	11,7100	11,7100			11,7100					
Certificate	DE000CP06WJ1	DSM 70TL OPENC	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	NL0012494553	DSM 718OC1218B	EUR	70,8200	70,8200	70,8200			70,8200					
Certificate	DE000VA71T06	DSM 72TL 0319V	EUR	7,9150	7,9150	7,9150			7,9150					
Certificate	DE000VA71L38	DSM 74TL 0319V	EUR	6,0950	6,0950	6,0950			6,0950					
Certificate	DE000VA71TZ9	DSM 74TL 1218V	EUR	5,9850	5,9850	5,9850			5,9850					
Certificate	DE000CY528T9	DSM 75TL OPENC	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	DE000CP06776	DSM 75TL OPENC	EUR	5,6400	5,6400	5,6400			5,6400					
Certificate	DE000CP06WK9	DSM 75TL OPENC	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	DE000CP069F4	DSM 75TL OPENC	EUR	7,7800	7,7800	7,7800			7,7800					
Certificate	DE000CP06ZP1	DSM 75TL OPENC	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	DE000CY528C6	DSM 75TL OPENC	EUR	9,6500	9,6500	9,6500			9,6500					
Certificate	DE000CQ582F5	DSM 75TL OPENC	EUR	8,2000	8,2000	8,2000			8,2000					
Certificate	DE000VA7TE31	DSM 76TL 0319V	EUR	4,2740	4,2740	4,2740			4,2740					
Certificate	DE000VA32X18	DSM 76TL 1218V	EUR	4,1550	4,1550	4,1550			4,1550					
Certificate	DE000VA71L53	DSM 78TL 0319V	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000VA71L12	DSM 78TL 1218V	EUR	2,3350	2,3350	2,3350			2,3350					
Certificate	DE000CV8ABJ2	DSM 78TL 1218Z	EUR											
Certificate	DE000VA71X91	DSM 80TL 0319V	EUR											
Certificate	DE000VA71X83	DSM 80TL 1218V	EUR											
Certificate	DE000CQ5APJ5	DSM 80TL OPENC	EUR											
Certificate	DE000CQ5ASR2	DSM 80TL OPENC	EUR											
Certificate	DE000VA71TY2	DSM 82TS 0319V	EUR											
Certificate	DE000VA71T14	DSM 82TS 1218V	EUR											
Certificate	DE000VA32088	DSM 84TL 1218V	EUR											
Certificate	DE000VA71LZ6	DSM 84TS 0319V	EUR											
Certificate	DE000VA71L95	DSM 84TS 1218V	EUR											
Certificate	DE000CQ58E39	DSM 85TL OPENC	EUR											
Certificate	DE000CQ58FB1	DSM 85TL OPENC	EUR											
Certificate	DE000CP06ZQ9	DSM 85TS OPENC	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CP06WL7	DSM 85TS OPENC	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CP06TV2	DSM 85TS OPENC	EUR	6,7900	6,7900	6,7900			6,7900					
Certificate	DE000VA7TE23	DSM 86TS 0319V	EUR	7,3250	7,3250	7,3250			7,3250					
Certificate	DE000VA7TE49	DSM 86TS 1218V	EUR	7,2250	7,2250	7,2250			7,2250					
Certificate	DE000VA7TDU9	DSM 88TS 0319V	EUR	9,1750	9,1750	9,1750			9,1750					
Certificate	DE000VA7TDV7	DSM 88TS 1218V	EUR	9,0650	9,0650	9,0650			9,0650					
Certificate	DE000VA7TBD9	DSM 90TS 0319V	EUR	11,1350	11,1350	11,1350			11,1350					
Certificate	DE000VA7TBG2	DSM 90TS 1218V	EUR	11,0750	11,0750	11,0750			11,0750					
Certificate	DE000CP06ZR7	DSM 90TS OPENC	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	DE000CP06TW0	DSM 90TS OPENC	EUR	11,7900	11,7900	11,7900			11,7900					



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	DE000CP06WM5	DSM 90TS OPENC	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	NL0012649040	DSM 91BOC1218Z	EUR	86,8300	86,8300	86,8300			86,8300					
Certificate	DE000VA7PWQ5	DSM 92TS 0319V	EUR	13,1450	13,1450	13,1450			13,1450					
Certificate	DE000VA7PW79	DSM 92TS 1218V	EUR	13,0750	13,0750	13,0750			13,0750					
Certificate	NL0012795249	DSM 94BOC1218Z	EUR	85,7900	85,7900	84,4250	6005,3000	1	84,4250	70				
Certificate	DE000VA7PVE3	DSM 94TS 0319V	EUR	15,1450	15,1450	15,1450			15,1450					
Certificate	DE000VA3ZYF2	DSM 94TS 1218V	EUR	15,0750	15,0750	15,0750			15,0750					
Certificate	NL0012987267	DSM 96BOC0619B	EUR	81,5000	81,5000	81,1500			81,1500					
Certificate	DE000VA64074	DSM 96TS 0319V	EUR	17,1550	17,1550	17,1550			17,1550					
Certificate	DE000VA323C8	DSM 96TS 1218V	EUR	17,0750	17,0750	17,0750			17,0750					
Certificate	DE000VA64090	DSM 98TS 0319V	EUR	19,1550	19,1550	19,1550			19,1550					
Certificate	DE000VA4RMN6	DSM 98TS 1218V	EUR	19,0750	19,0750	19,0750			19,0750					
Certificate	DE000VA64058	DSM 100TS 0319V	EUR	21,1550	21,1550	21,1550			21,1550					
Certificate	DE000VA4RQB2	DSM 100TS 1218V	EUR	21,0750	21,0750	21,0750			21,0750					
Certificate	DE000CP064S8	DSM 100TS OPENC	EUR	24,7100	24,7100	24,7100			24,7100					
Certificate	DE000CP060D8	DSM 100TS OPENC	EUR	21,5800	21,5800	21,5800			21,5800					
Certificate	DE000CP06ZS5	DSM 100TS OPENC	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	DE000CY52BD4	DSM 100TS OPENC	EUR	22,2100	22,2100	22,2100			22,2100					
Certificate	DE000CP06WN3	DSM 100TS OPENC	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	DE000CY529W1	DSM 100TS OPENC	EUR	18,1700	18,1700	18,1700			18,1700					
Certificate	DE000VA64066	DSM 102TS 0319V	EUR	23,1650	23,1650	23,1650			23,1650					
Certificate	DE000CQ58E47	DSM 110TS OPENC	EUR	30,2900	30,2900	30,2900			30,2900					
Certificate	DE000CQ58FC9	DSM 110TS OPENC	EUR	33,7900	33,7900	33,7900			33,7900					
Certificate	NL0012605604	DSM 109.TS OPENH	EUR	37,6900	38,2400	37,6900			38,2400					
Certificate	NL0009258938	DSM 17.5TL OPENB	EUR	63,5250	63,5250	63,5250			63,5250					
Certificate	NL0009459874	DSM 19.9TL OPENB	EUR	61,6850	61,6850	61,3350			61,3350					
Certificate	NL0010010534	DSM 23.2TL OPENB	EUR	58,2950	58,2950	58,2950			58,2950					
Certificate	NL0010175147	DSM 29.8TL OPENB	EUR	52,0850	52,0850	52,0850			52,0850					
Certificate	NL0010252292	DSM 33.1TL OPENB	EUR	49,0450	49,0450	49,0450			49,0450					
Certificate	NL0011721105	DSM 38.7TL OPENH	EUR	44,1700	44,1700	43,5900			43,5900					
Certificate	NL0011656830	DSM 40.9TL OPENB	EUR	42,1250	42,1250	41,7850			41,7850					
Certificate	NL0011713664	DSM 42.4TL OPENH	EUR	40,7200	40,7200	40,1400			40,1400					
Certificate	NL0011799317	DSM 43.6TL OPENB	EUR	39,6850	39,6850	39,3450			39,3450					
Certificate	NL0011721097	DSM 43.9TL OPENH	EUR	39,3300	39,3300	38,7400			38,7400					
Certificate	NL0011818463	DSM 46.2TL OPENB	EUR	37,2650	37,2650	36,9250			36,9250					
Certificate	NL0011906433	DSM 48.7TL OPENB	EUR	34,8850	34,8850	34,5450			34,5450					
Certificate	NL0011908629	DSM 51.4TL OPENB	EUR	32,3850	32,4450	32,0450	3243,0000	1	32,0450	100				
Certificate	NL0011907449	DSM 51.6BL OPENB	EUR	29,0650	29,2100	28,7250	146050,0000	2	28,7250	5000				
Certificate	NL0012110787	DSM 56.5TL OPENB	EUR	27,6250	27,6250	27,2850	10992,0000	1	27,2850	400				
Certificate	NL0012120679	DSM 59.1TL OPENB	EUR	25,2550	25,2550	24,9150			24,9150					
Certificate	NL0012495899	DSM 64.2TL OPENB	EUR	20,4950	20,4950	20,1550			20,1550					
Certificate	NL0012497416	DSM 66.1BL OPENB	EUR	14,5750	14,5750	14,2350			14,2350					
Certificate	NL0012499008	DSM 66.7TL OPENB	EUR	18,1650	18,1650	17,8250			17,8250					
Certificate	NL0012502611	DSM 69.3TL OPENB	EUR	15,7550	15,7550	15,4150			15,4150					
Certificate	NL0012502710	DSM 70.2BL OPENB	EUR	10,4850	10,4850	10,1450			10,1450					
Certificate	NL0012507982	DSM 71.8TL OPENB	EUR	13,4350	13,4350	13,0950	4686,0000	2	13,0950	350				
Certificate	DE000CJ3N2Q5	DSM 72.5TL 1218Z	EUR	1,5600	1,5600	1,5050	624,0000	1	1,5050	400				
Certificate	NL0012511182	DSM 74.4TL OPENB	EUR	11,0350	11,0350	10,6950			10,6950					
Certificate	NL0012778252	DSM 76.8TL OPENB	EUR	8,7350	9,1100	8,3950	6769,6000	4	8,3950	785				
Certificate	DE000VL76E62	DSM 77.2TL OPENV	EUR	3,4070	3,4070	3,4070			3,4070					
Certificate	NL0013012172	DSM 79.3TL OPENB	EUR	6,3950	6,3950	6,0550	1894,5000	2	6,0550	300				
Certificate	NL0013010069	DSM 81.8TS OPENB	EUR											
Certificate	NL0013007958	DSM 86.8TS OPENB	EUR	13,8050	14,1650	13,8050			14,1650					
Certificate	NL0013005572	DSM 91.8TS OPENB	EUR	19,1950	19,5550	19,1950			19,5550					
Certificate	NL0012793020	DSM 92.6BOC1218B	EUR	83,9000	83,9000	83,5000			83,5000					
Certificate	NL0012790687	DSM 93.7BS OPENB	EUR	14,4850	14,4850	14,4850			14,4850					
Certificate	NL0012933238	DSM 95.3TS OPENH	EUR	22,8500	23,4000	22,8500			23,4000					
Certificate	NL0012508733	DSM 96.7TS OPENB	EUR	24,4950	24,8550	24,4950			24,8550					
Certificate	DE000VA1GMQ8	DSM 97.3TS OPENV	EUR	15,0250	15,0250	15,0250			15,0250					
Certificate	NL0013003239	DSM 98.8BOC0919B	EUR	79,5000	79,5000	79,1000			79,1000					
Certificate	DE000VA1GMR6	DSM 99.3TS OPENV	EUR	17,0050	17,0050	17,0050			17,0050					
Certificate	NL0013000474	DSM 99.7BS OPENB	EUR	20,1150	20,4750	19,9400	1994,0000	1	20,4750	100				
Certificate	NL0012547087	DSM 100.2TS OPENH	EUR	28,1800	28,7300	28,1800			28,7300					
Certificate	DE000CV87SL3	DSM 100.2TS OPENZ	EUR	4,1750	4,1750	4,1750			4,1750					
Certificate	DE000VAGEFY0	DSM 100.3TS OPENV	EUR	21,0350	21,0350	21,0350			21,0350					
Certificate	NL0012555791	DSM 100.6TS OPENH	EUR	28,5300	29,0800	28,5300			29,0800					
Certificate	DE000VAGEF38	DSM 101.3TS OPENV	EUR	22,0250	22,0250	22,0250			22,0250					
Certificate	NL0012791040	DSM 101.6TS OPENB	EUR	29,7950	30,1550	29,7950			30,1550					
Certificate	DE000VAGEF87	DSM 102.3TS OPENV	EUR	23,0250	23,0250	23,0250			23,0250					
Certificate	DE000VAGTY87	DSM 105.3TS OPENV	EUR	26,0150	26,0150	26,0150			26,0150					
Certificate	DE000VA4YWS0	DSM 105.4TS OPENV	EUR	25,0050	25,0050	25,0050			25,0050					
Certificate	NL0012938260	DSM 108.4TS OPENH	EUR	37,0000	37,5500	37,0000			37,5500					



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	NL0012901664	DSM 108.8TS OPENH	EUR	37,4000	37,9500	37,4000			37,9500					
Certificate	NL0012615520	DSM 109.3TS OPENH	EUR	37,9400	38,5000	37,9400			38,5000					
Certificate	DE000CV88WR0	DSM 110.2TS OPENZ	EUR	6,1600	6,1600	6,1600			6,1600					
Certificate	NL0012892392	DSM 120.5TS OPENH	EUR	50,0400	50,6000	50,0400			50,6000					
Certificate	NL0012903884	DSM 120.8TS OPENH	EUR	50,3900	50,9500	50,3900			50,9500					
Certificate	DE000CG2PNX8	DSM 17.44TL OPENC	EUR	68,0500	68,0500	68,0500			68,0500					
Certificate	NL0011039391	DSM 32.64TL OPENH	EUR	49,8100	49,8100	49,2300			49,2300					
Certificate	NL0011040142	DSM 34.76TL OPENH	EUR	47,8400	47,8400	47,2500			47,2500					
Certificate	NL0011655634	DSM 40.97BL OPENB	EUR	39,6950	39,6950	39,3550			39,3550					
Certificate	NL0011721089	DSM 44.94TL OPENH	EUR	38,3600	38,3600	37,7700			37,7700					
Certificate	DE000CN6L4I7	DSM 46.53TL OPENZ	EUR	34,5400	34,5400	34,5400			34,5400					
Certificate	NL0011895842	DSM 47.85TL OPENH	EUR	35,6500	35,6500	35,0600			35,0600					
Certificate	NL0011893623	DSM 48.02TL OPENH	EUR	35,4900	35,4900	34,9000			34,9000					
Certificate	DE000CJ3N2Z6	DSM 51.68TL OPENZ	EUR	5,6100	5,6100	5,6100			5,6100					
Certificate	NL0011927769	DSM 51.98TL OPENH	EUR	31,8000	31,8000	31,2200			31,2200					
Certificate	DE000VN6VOH4	DSM 53.62TL OPENV	EUR	27,7450	27,7450	27,7450			27,7450					
Certificate	DE000CE6BDL7	DSM 53.69TL OPENZ	EUR	5,5150	5,5150	5,5150			5,5150					
Certificate	NL0012106058	DSM 55.78BL OPENB	EUR	24,8950	24,8950	24,5550			24,5550					
Certificate	NL0012057491	DSM 56.04TL OPENH	EUR	28,0300	28,0300	27,4400			27,4400					
Certificate	NL0012093751	DSM 56.09TL OPENH	EUR	27,9800	27,9800	27,3900			27,3900					
Certificate	LU1477374323	DSM 56.75CIOPENS	EUR	24,5200	24,5500	24,5200	5884,8000	2	24,5500	240				
Certificate	NL0012121073	DSM 59.94BL OPENB	EUR	20,7450	20,7450	20,4050			20,4050					
Certificate	NL0012208359	DSM 60.06TL OPENH	EUR	24,2800	24,2800	23,6900			23,6900					
Certificate	DE000CE6C8Q3	DSM 61.71TL OPENZ	EUR	3,6150	3,6150	3,6150			3,6150					
Certificate	DE000CE6EUM3	DSM 61.89TL OPENZ	EUR	3,9250	3,9250	3,9250			3,9250					
Certificate	DE000VL2FSR0	DSM 62.71TL OPENV	EUR	17,5050	17,5050	17,5050			17,5050					
Certificate	NL0012494215	DSM 64.05BL OPENB	EUR	16,6350	16,6350	16,2950			16,2950					
Certificate	DE000VL2FT57	DSM 64.77TL OPENV	EUR	15,4750	15,4750	15,4750			15,4750					
Certificate	LU1612176625	DSM 66.11CIOPENS	EUR	14,7100	14,7100	14,3400	147,1000	1	14,3400	10				
Certificate	NL0012520407	DSM 66.11TL OPENH	EUR	18,6500	18,6500	18,0700			18,0700					
Certificate	DE000CE6EYM5	DSM 66.67TL OPENZ	EUR	2,6350	2,6350	2,6350			2,6350					
Certificate	DE000VL37FC5	DSM 66.73TL OPENV	EUR	16,7250	16,7250	16,7250			16,7250					
Certificate	DE000VL2FV87	DSM 66.79TL OPENV	EUR	13,4350	13,4350	13,4350			13,4350					
Certificate	NL0012499990	DSM 68.15BL OPENB	EUR	12,5350	12,5350	12,1950			12,1950					
Certificate	DE000VL37FD3	DSM 68.73TL OPENV	EUR	14,7850	14,7850	14,7850			14,7850					
Certificate	DE000VL2FXP4	DSM 68.88TL OPENV	EUR	11,4050	11,4050	11,4050			11,4050					
Certificate	NL0012526537	DSM 69.26TL OPENH	EUR	15,7200	15,7200	15,1400			15,1400					
Certificate	DE000VL37FE1	DSM 70.73TL OPENV	EUR	12,8550	12,8550	12,8550			12,8550					
Certificate	DE000VL2FXR0	DSM 70.88TL OPENV	EUR	9,3750	9,3750	9,3750			9,3750					
Certificate	DE000CE6FQE5	DSM 71.12TL OPENZ	EUR	2,1350	2,1350	2,1350			2,1350					
Certificate	DE000CE6FE22	DSM 71.65TL OPENZ	EUR	1,6450	1,6450	1,6450			1,6450					
Certificate	NL0012507776	DSM 72.23BL OPENB	EUR	8,4450	8,4450	8,1050			8,1050					
Certificate	DE000VL37FF8	DSM 72.73TL OPENV	EUR	10,9150	10,9150	10,9150			10,9150					
Certificate	DE000VL37FG6	DSM 72.88TL OPENV	EUR	7,9100	8,5100	7,3550	3001,3000	3	7,3550	370				
Certificate	NL0012538086	DSM 73.31TL OPENH	EUR	11,9500	11,9500	11,3700			11,3700					
Certificate	LU1840981051	DSM 74.15CIOPENS	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	NL0012511216	DSM 74.28BL OPENB	EUR	6,4050	6,4050	6,0650	384,0000	1	6,0650	60				
Certificate	DE000VL5RUU8	DSM 74.73TL OPENV	EUR	9,0450	9,0450	9,0450			9,0450					
Certificate	DE000VL5RUV6	DSM 74.93TL OPENV	EUR	5,3250	5,3250	5,3250			5,3250					
Certificate	DE000VA71SQ0	DSM 75.32TL OPENV	EUR	4,3150	4,3150	4,3150			4,3150					
Certificate	NL0012511497	DSM 76.32BL OPENB	EUR	4,3650	4,3650	4,0250	444,3000	2	4,0250	105				
Certificate	LU1650876581	DSM 76.54CIOPENS	EUR	4,4000	4,4000	3,9700	1760,0000	2	3,9700	400				
Certificate	DE000CV50939	DSM 76.61TL OPENZ	EUR	0,8100	0,8100	0,6850	2538,0000	4	0,6850	3200				
Certificate	DE000VL5RXC0	DSM 76.77TL OPENV	EUR	7,1550	7,1550	7,1550			7,1550					
Certificate	NL0012600019	DSM 76.96TL OPENH	EUR	8,5500	8,5500	7,9700			7,9700					
Certificate	DE000VA71S56	DSM 77.32TL OPENV	EUR	3,0950	3,1100	2,5250	74,2800	1	2,5250	24				
Certificate	NL0013011992	DSM 78.32BL OPENB	EUR	2,3650	2,3650	2,0250			2,0250					
Certificate	DE000VA71SU2	DSM 78.32TL OPENV	EUR	1,6330	1,6330	1,6330			1,6330					
Certificate	DE000VA71SW8	DSM 79.32TL OPENV	EUR											
Certificate	DE000VA71W01	DSM 79.32TL OPENV	EUR	0,5430	0,5430	0,5430			0,5430					
Certificate	DE000VA71Z81	DSM 80.32TL OPENV	EUR											
Certificate	DE000VA71Z99	DSM 81.32TL OPENV	EUR											
Certificate	DE000VA71WC2	DSM 82.16TS OPENV	EUR											
Certificate	DE000VA71SL1	DSM 83.16TS OPENV	EUR											
Certificate	LU1840979584	DSM 83.42PIOPENS	EUR											
Certificate	NL0013080047	DSM 84.04TS OPENH	EUR											
Certificate	DE000VA71SN7	DSM 84.16TS OPENV	EUR											
Certificate	DE000VA3TKX7	DSM 84.62TL OPENV	EUR											
Certificate	NL0013008980	DSM 84.75BS OPENB	EUR	5,1750	5,3350	5,1750			5,3350					
Certificate	DE000VA71FU4	DSM 85.17TS OPENV	EUR	6,0750	6,0750	6,0750			6,0750					
Certificate	DE000VA71FV2	DSM 86.17TS OPENV	EUR	7,0750	7,0750	7,0750			7,0750					
Certificate	DE000VA71FW0	DSM 87.17TS OPENV	EUR	8,0750	8,0750	8,0750			8,0750					



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	NL0013007701	DSM 87.74BS OPENB	EUR	8,1650	8,5250	8,1650			8,5250					
Certificate	NL0013079312	DSM 88.04TS OPENH	EUR	15,0500	15,6100	15,0500			15,6100					
Certificate	DE000VA7TEJ0	DSM 88.17TS OPENV	EUR	9,0650	9,0650	9,0650								
Certificate	DE000VA7TDC7	DSM 89.17TS OPENV	EUR	10,0650	10,0650	10,0650								
Certificate	DE000VA7TAK6	DSM 90.17TS OPENV	EUR	11,0550	11,0550	11,0550								
Certificate	DE000CJ3N203	DSM 90.25TS OPENZ	EUR	2,1950	2,1950	2,1950								
Certificate	LU1840912247	DSM 90.39TPIOPENS	EUR	11,0200	11,0200	11,0200								
Certificate	NL0013005176	DSM 90.73BS OPENB	EUR	11,1550	11,1550	11,1550								
Certificate	DE000VA7TAL4	DSM 91.17TS OPENV	EUR	12,0550	12,0550	12,0550								
Certificate	DE000VA7TAM2	DSM 92.17TS OPENV	EUR	13,0550	13,0550	13,0550								
Certificate	DE000VA7PV34	DSM 93.17TS OPENV	EUR	14,0350	14,0350	14,0350								
Certificate	LU1790492950	DSM 96.25TPIOPENS	EUR	15,4700	15,4700	15,4700								
Certificate	NL0012970461	DSM 96.69BS OPENB	EUR	17,4750	17,4750	17,4750								
Certificate	NL0012580773	DSM 96.75TS OPENH	EUR	24,4200	24,9700	24,4200								
Certificate	DE000VA6EGF7	DSM 99.27TS OPENV	EUR	20,0350	20,0350	20,0350								
Certificate	DE000VA15PC3	DSM 99.83TS OPENV	EUR	19,0050	19,0050	19,0050								
Certificate	NL0012686604	DTELK 12TL OPENB	EUR	3,4100	3,4800	3,4100								
Certificate	DE000CX0K4E4	DTELK 12TL OPENC	EUR	2,7300	2,7300	2,7300								
Certificate	DE000CX59CY5	DTELK 12TL OPENC	EUR	3,0500	3,0500	3,0500								
Certificate	DE000CX0HAE5	DTELK 20TS OPENC	EUR	1,4800	1,4800	1,4800								
Certificate	DE000CX0H922	DTELK 20TS OPENC	EUR	1,9900	1,9900	1,9900								
Certificate	NL0010114997	DTELK 4.6TL OPENB	EUR	10,3600	10,3600	10,3600								
Certificate	NL0010894572	DTELK 7.3TL OPENB	EUR	7,7500	7,8200	7,7500								
Certificate	NL0010894580	DTELK 8.5TL OPENB	EUR	6,6700	6,7400	6,6700								
Certificate	NL0012781629	DTELK 12.8TL OPENB	EUR	2,6800	2,7500	2,6800								
Certificate	NL0013007842	DTELK 13.5TL OPENB	EUR	2,0400	2,1100	2,0400								
Certificate	NL0012275341	DTELK 15.6TS OPENB	EUR	2,4700	2,4700	2,4000								
Certificate	NL0013002967	DTELK 17.1TS OPENB	EUR	4,0800	4,0800	4,0000								
Certificate	NL0011054317	DTELK 9.61TL OPENH	EUR	5,5200	5,5600	5,5200								
Certificate	DE000CR9RQP5	DTELK10.58TL OPENZ	EUR	3,9500	3,9500	3,9500								
Certificate	NL0011054309	DTELK11.73TL OPENH	EUR	3,5400	3,5800	3,5400								
Certificate	DE000CR9P2U2	DTELK12.09TL OPENZ	EUR	2,4500	2,4500	2,4500								
Certificate	DE000CV89YZ7	DTELK13.08TL OPENZ	EUR	1,4600	1,4600	1,4600								
Certificate	NL0012938278	DTELK14.55TS OPENH	EUR											
Certificate	NL0012578819	DTELK15.25TS OPENH	EUR	1,8900	1,8900	1,8700								
Certificate	NL0012531081	DTELK16.03TS OPENH	EUR	2,7300	2,7300	2,7100								
Certificate	NL0012054993	DTELK16.84TS OPENH	EUR	3,6000	3,6000	3,5700								
Certificate	NL0011054259	DTELK17.21TS OPENH	EUR	3,9900	3,9900	3,9700								
Certificate	NL0012245393	DTELK18.18TS OPENH	EUR	5,0400	5,0400	5,0200								
Certificate	NL0012245153	DTELK20.12TS OPENH	EUR	7,1200	7,1200	7,0900								
Certificate	NL0011054242	DTELK20.89TS OPENH	EUR	7,9500	7,9500	7,9200								
Certificate	DE000CV89YY0	DTELK8.571TL OPENZ	EUR	5,9600	5,9600	5,9600								
Certificate	NL0006471971	DXBRC 61TL OPENB	EUR	36,7200	36,7200	36,7200								
Certificate	NL0009070507	DXBRC 180TL OPENB	EUR	25,6600	25,6600	25,6600								
Certificate	NL0009072156	DXBRC 219TL OPENB	EUR	22,0800	22,0800	22,0800								
Certificate	DE000CY50YT6	EBAY 25TL OPENC	EUR	0,5500	0,5500	0,5500								
Certificate	DE000CY50VZ9	EBAY 25TL OPENC	EUR	0,4300	0,4300	0,4300								
Certificate	DE000CV8ACN2	EBAY 26TL 1218Z	EUR	1,0250	1,0250	1,0250								
Certificate	DE000CV8ACP7	EBAY 29TL 1218Z	EUR	0,5050	0,5050	0,5050								
Certificate	DE000CY50YU4	EBAY 30TL OPENC	EUR											
Certificate	DE000CP07B01	EBAY 30TL OPENC	EUR	0,3300	0,3300	0,2900	66,0000	1	0,2900		200			
Certificate	DE000CP06UH9	EBAY 30TL OPENC	EUR	0,1500	0,1500	0,1500								
Certificate	DE000CV8ACQ5	EBAY 31TL 1218Z	EUR											
Certificate	DE000CY52FP9	EBAY 35TL OPENC	EUR											
Certificate	DE000CY52EA4	EBAY 35TL OPENC	EUR											
Certificate	DE000CY52N00	EBAY 35TL OPENC	EUR											
Certificate	DE000CP067Z6	EBAY 35TS OPENC	EUR	0,4700	0,4700	0,4700				0,4700				
Certificate	DE000CY52JL0	EBAY 36TL OPENC	EUR											
Certificate	DE000CP067C5	EBAY 36TS OPENC	EUR	0,3900	0,3900	0,3900				0,3900				
Certificate	DE000CY525H0	EBAY 38TS OPENC	EUR											
Certificate	DE000CQ58TT4	EBAY 40TS OPENC	EUR	0,7300	0,7300	0,7300				0,7300				
Certificate	DE000CQ58HX1	EBAY 40TS OPENC	EUR	0,9200	0,9200	0,9200				0,9200				
Certificate	DE000CQ5A8V0	EBAY 45TS OPENC	EUR	1,3500	1,3500	1,3500				1,3500				
Certificate	DE000CQ5A602	EBAY 45TS OPENC	EUR	1,1300	1,1300	1,1300				1,1300				
Certificate	DE000CQ5A1H4	EBAY 48TS OPENC	EUR	1,3800	1,3800	1,3800				1,3800				
Certificate	DE000CY52RM1	EBAY 50TS OPENC	EUR	1,5500	1,5500	1,5500				1,5500				
Certificate	DE000CY52RN9	EBAY 52TS OPENC	EUR	1,7200	1,7200	1,7200				1,7200				
Certificate	DE000CV89WZ1	EBAY 30.5TL OPENZ	EUR	0,2400	0,2400	0,2250	240,0000	1	0,2250		1000			
Certificate	NL0009796358	EBAY 32.1TL OPENB	EUR	6,9700	6,9700	6,9700				6,9700				
Certificate	NL0010117917	EBAY 41.7TL OPENB	EUR	6,1900	6,1900	6,1900				6,1900				
Certificate	NL0010132791	EBAY 51.8TL OPENB	EUR	5,3800	5,3800	5,3800				5,3800				
Certificate	DE000CV89U35	EBAY 22.59TL OPENZ	EUR	1,5750	1,5750	1,5750				1,5750				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV89X08	EBAY 27.48TL OPENZ	EUR	0,7350	0,7350	0,7350			0,7350					
Certificate	NL0000116796	EBR6M STN0335N	EUR	117,5000	117,5200	117,0000	25815,0000	4	117,5200	22000				
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											
Certificate	DE000CV89V59	ECONB 1.76TL OPENZ	EUR											
Certificate	DE000CV89V67	ECONB 1.99TL OPENZ	EUR											
Certificate	DE000CV89V75	ECONB 2.22TL OPENZ	EUR											
Certificate	DE000CJ3NKJ3	ECONB 2.43TL OPENZ	EUR	0,3200	0,3200	0,3200	224,0000	1	0,3200	700				
Certificate	DE000CJ3N3J8	ECONB 2.63TL OPENZ	EUR											
Certificate	DE000CV8B3Y1	ECONB 2.94TL OPENZ	EUR											
Certificate	DE000CV88D03	ECONB 5.36TS OPENZ	EUR											
Certificate	NL0012268528	EDF 8.2TL OPENB	EUR	7,3000	7,3800	7,3000				7,3800				
Certificate	NL0012494033	EDF 9.3TL OPENB	EUR	6,3000	6,3800	6,3000				6,3800				
Certificate	NL0012974067	EDF 11.4TL OPENB	EUR	4,2900	4,3700	4,2900				4,3700				
Certificate	NL0012987044	EDF 12.5TL OPENB	EUR	3,2900	3,3700	3,2900				3,3700				
Certificate	NL0012992564	EDF 13.6TL OPENB	EUR	2,2800	2,3600	2,2800				2,3600				
Certificate	NL0012993521	EDF 16.9TS OPENB	EUR	3,4900	3,4900	3,3900				3,3900				
Certificate	NL0012997845	EDF 18.9TS OPENB	EUR	5,6700	5,6700	5,5700				5,5700				
Certificate	DE000CV8ANT6	EDF 11.98TL OPENZ	EUR	0,7500	0,7500	0,7500				0,7500				
Certificate	DE000CV50913	EDF 7.995TL OPENZ	EUR	1,7500	1,7500	1,7500				1,7500				
Certificate	DE000CV87Y33	EDF 9.991TL OPENZ	EUR	1,2500	1,2500	1,2500				1,2500				
Certificate	NL0000290393	EGYPTE CT OPENN	EUR	6,3700	6,3700	6,3700				6,3700				
Certificate	DE000CN6G659	EIFAG56.86TL OPENZ	EUR	1,6650	1,6650	1,6650				1,6650				
Certificate	DE000CD648U8	EIFAG63.83TL OPENZ	EUR	1,3150	1,3150	1,3150				1,3150				
Certificate	DE000CE6CHT9	EIFAG71.77TL OPENZ	EUR	0,9150	0,9150	0,9150				0,9150				
Certificate	DE000CE6ECA6	EIFAG80.71TL OPENZ	EUR	0,4750	0,4750	0,4750				0,4750				
Certificate	DE000CV50VU0	ELECT 90TL OPENC	EUR	0,9500	0,9500	0,9500				0,9500				
Certificate	DE000CV50YM1	ELECT 90TL OPENC	EUR	1,5800	1,5800	1,5800				1,5800				
Certificate	DE000CV52E76	ELECT 100TL OPENC	EUR											
Certificate	DE000CV52FM6	ELECT 100TL OPENC	EUR	0,8900	0,8900	0,8900				0,8900				
Certificate	DE000CV52JK2	ELECT 105TL OPENC	EUR											
Certificate	DE000CQ5A8T4	ELECT 140TS OPENC	EUR											
Certificate	DE000CQ5B8TQ0	ELECT 140TS OPENC	EUR	2,9600	2,9600	2,9600				2,9600				
Certificate	DE000CQ5B8TR8	ELECT 150TS OPENC	EUR	3,8300	3,8300	3,8300				3,8300				
Certificate	DE000CQ5BA33	ELECT 160TS OPENC	EUR	5,4300	5,4300	5,4300				5,4300				
Certificate	DE000CV8AF77	ELECT101.4TL OPENZ	EUR	0,2450	0,2450	0,2450				0,2450				
Certificate	DE000CV8B7G9	ELECT81.25TL OPENZ	EUR	1,1050	1,1050	1,1050				1,1050				
Certificate	DE000CR9Q914	ELIAS 30.9TL OPENZ	EUR	1,3950	1,3950	1,3950				1,3950				
Certificate	DE000CR9Q922	ELIAS33.95TL OPENZ	EUR	1,2550	1,2550	1,2550				1,2550				
Certificate	DE000CR9Q930	ELIAS36.91TL OPENZ	EUR	1,1150	1,1150	1,1150				1,1150				
Certificate	DE000CR9SF25	ELIAS40.08TL OPENZ	EUR	0,9650	0,9650	0,9650				0,9650				
Certificate	DE000CN6K6T2	ELIAS43.76TL OPENZ	EUR	0,7950	0,7950	0,7950				0,7950				
Certificate	DE000CV87M29	ELIAS48.01TL OPENZ	EUR	0,5950	0,5950	0,5950				0,5950				
Certificate	DE000CV898D3	ELIAS52.28TL OPENZ	EUR	0,3950	0,3950	0,3950				0,3950				
Certificate	DE000CV8BDG2	ELUXB120.8TL OPENZ	EUR	0,6050	0,6050	0,6050				0,6050				
Certificate	DE000CV89EN5	ELUXB140.9TL OPENZ	EUR	0,4050	0,4050	0,4050				0,4050				
Certificate	DE000CV88MG4	ELUXB161.1TL OPENZ	EUR	0,2150	0,2150	0,2150				0,2150				
Certificate	DE000CV87TJ5	ELUXB181.3TL OPENZ	EUR											
Certificate	DE000CV8AUFO	ENEL 2.912TL OPENZ	EUR	1,4500	1,4500	1,4500				1,4500				
Certificate	DE000CE6CB02	ENEL 3.417TL OPENZ	EUR	0,9400	0,9400	0,9400				0,9400				
Certificate	DE000CE6CC19	ENEL 3.914TL OPENZ	EUR	0,4500	0,4500	0,4500				0,4500				
Certificate	NL0010254967	ENGIE 8TL OPENB	EUR	4,4600	4,4600	4,4600				4,4600				
Certificate	NL0010254223	ENGIE 4.7TL OPENB	EUR	7,4700	7,4700	7,4700				7,4700				
Certificate	NL0010115721	ENGIE 5.8TL OPENB	EUR	6,5000	6,5000	6,5000				6,5000				
Certificate	NL0009873744	ENGIE 8.1TL OPENB	EUR	4,4100	4,4100	4,4100				4,4100				
Certificate	NL0012109656	ENGIE 9.6TL OPENB	EUR	3,1300	3,1300	3,0100				3,0100				
Certificate	NL0012259568	ENGIE 11.2TL OPENB	EUR	1,6600	1,6600	1,5400				1,5400				
Certificate	NL0013001837	ENGIE 11.8TL OPENB	EUR											
Certificate	NL0012994297	ENGIE 12.6TS OPENB	EUR	2,2100	2,3300	2,2100				2,3300				
Certificate	NL0012986749	ENGIE 13.6TS OPENB	EUR	3,4000	3,5200	3,4000				3,5200				
Certificate	DE000CV89K29	ENGIE 14.1TS OPENZ	EUR	2,4700	2,4700	2,4700				2,4700				
Certificate	NL0011888185	ENGIE 14.2TS OPENH	EUR	3,5300	3,6900	3,5300				3,6900				
Certificate	NL0012796601	ENGIE 14.3B0C1219Z	EUR	11,9300	11,9300	11,9300				11,9300				
Certificate	NL0011252085	ENGIE 15.7TS OPENB	EUR	5,6200	5,7400	5,6200				5,7400				
Certificate	DE000CE6EQ23	ENGIE 16.1TS OPENZ	EUR	4,4600	4,4600	4,4600				4,4600				
Certificate	NL0012933246	ENGIE 17.7TS OPENH	EUR	7,3200	7,4800	7,3200				7,4800				
Certificate	NL0011226360	ENGIE 7.42TL OPENH	EUR	4,9300	4,9300	4,7800				4,7800				
Certificate	NL0013000359	ENGIE 8.92BL OPENB	EUR	3,0350	3,0350	2,9050				2,9050				
Certificate	NL0011226352	ENGIE 9.53TL OPENH	EUR	2,9600	2,9600	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	NL0012093777	ENGIE 9.58TL OPENH	EUR	2,9200	2,9200	2,7700			2,7700					
Certificate	DE000CR9SK10	ENGIE 9.84TL OPENZ	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	NL0012998520	ENGIE 9.91BL OPENB	EUR	2,0450	2,0450	1,9150			1,9150					
Certificate	DE000CE6BV74	ENGIE10.84TL OPENZ	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	NL0012998538	ENGIE10.91BL OPENB	EUR	1,0450	1,0450	0,8900	267,0000	1	0,9150	300				
Certificate	NL0012201743	ENGIE11.06TL OPENH	EUR	1,5400	1,5400	1,3800			1,3800					
Certificate	NL0012998553	ENGIE13.09BS OPENB	EUR	1,3950	1,5250	1,3950			1,5250					
Certificate	NL0012894638	ENGIE13.11TS OPENH	EUR	2,3500	2,5100	2,3500			2,5100					
Certificate	NL0012938104	ENGIE13.21TS OPENH	EUR	2,4600	2,6200	2,4600			2,6200					
Certificate	NL0011728704	ENGIE14.58TS OPENH	EUR	3,9400	4,1000	3,9400			4,1000					
Certificate	NL0012998561	ENGIE15.08BS OPENB	EUR	3,3850	3,5150	3,3850			3,5150					
Certificate	NL0012226311	ENGIE15.55TS OPENH	EUR	4,9800	5,1500	4,9800			5,1500					
Certificate	DE000CV88MR1	ENGIE18.09TS OPENZ	EUR											
Certificate	DE000CJ3NPU9	ENGIE7.332TL OPENZ	EUR	4,3600	4,3600	4,3600			4,3600					
Certificate	DE000CN6KX15	ENGIE8.836TL OPENZ	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	DE000CV88FQ7	ENI 14.3TL OPENZ	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	DE000CE6CB10	ENI 11.31TL OPENZ	EUR	4,0350	4,0350	4,0350			4,0350					
Certificate	DE000CV87FP1	ENI 12.31TL OPENZ	EUR	3,0450	3,0450	3,0450			3,0450					
Certificate	NL0012774012	EON 8TL OPENB	EUR	1,2050	1,2050	1,0950			1,0950					
Certificate	NL0011979281	EON 4.3TL OPENH	EUR	0,4500	0,4500	0,4400			0,4400					
Certificate	NL0011974951	EON 5.3TL OPENH	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	NL0011995386	EON 5.6TL OPENH	EUR	0,3400	0,3400	0,3300			0,3300					
Certificate	NL0012049308	EON 5.9TL OPENH	EUR	0,3100	0,3100	0,3000			0,3000					
Certificate	NL0012053359	EON 6.1TL OPENH	EUR	0,2900	0,2900	0,2800			0,2800					
Certificate	NL0011996061	EON 6.2TL OPENH	EUR											
Certificate	NL0012053854	EON 6.3TL OPENH	EUR	0,2700	0,2700	0,2600			0,2600					
Certificate	NL0012242614	EON 6.5TL OPENH	EUR	0,2500	0,2500	0,2400			0,2400					
Certificate	NL0012211981	EON 6.7TL OPENH	EUR	0,2400	0,2400	0,2300			0,2300					
Certificate	NL0012244933	EON 6.8TL OPENH	EUR	0,2200	0,2200	0,2100			0,2100					
Certificate	NL0012268510	EON 6.9TL OPENB	EUR	2,1550	2,1550	2,0450			2,0450					
Certificate	NL0012306823	EON 7.2TL OPENH	EUR	0,1800	0,1800	0,1700			0,1700					
Certificate	NL0012308514	EON 7.5TL OPENH	EUR	0,1600	0,1600	0,1500			0,1500					
Certificate	NL0012310908	EON 7.6TL OPENH	EUR	0,1500	0,1500	0,1400			0,1400					
Certificate	NL0013007198	EON 7.8TL OPENB	EUR	1,3950	1,3950	1,2850			1,2850					
Certificate	NL0011733563	EON 7.8TL OPENH	EUR											
Certificate	NL0012591754	EON 7.9TL OPENH	EUR	0,1300	0,1300	0,1100			0,1100					
Certificate	NL0012591747	EON 8.1TL OPENH	EUR	0,1100	0,1100	0,1000			0,1000					
Certificate	NL0013079320	EON 8.7TS OPENH	EUR	0,0800	0,0900	0,0800			0,0900					
Certificate	NL0013007347	EON 8.9TS OPENB	EUR	1,1650	1,2650	1,1650			1,2650					
Certificate	NL0012897912	EON 9.1TS OPENH	EUR	0,1300	0,1400	0,1300			0,1400					
Certificate	NL0012894232	EON 9.4TS OPENH	EUR	0,1600	0,1700	0,1600			0,1700					
Certificate	NL0012510408	EON 9.9TS OPENB	EUR	2,2550	2,3550	2,2550			2,3550					
Certificate	NL0012902282	EON 9.9TS OPENH	EUR	0,2200	0,2300	0,2200			0,2300					
Certificate	NL0012311567	EON 10.5TS OPENH	EUR	0,2800	0,2900	0,2800			0,2900					
Certificate	NL0012538680	EON 11.1TS OPENH	EUR	0,3400	0,3500	0,3400			0,3500					
Certificate	NL0012538375	EON 11.6TS OPENH	EUR	0,4000	0,4100	0,4000			0,4100					
Certificate	NL0012509228	EON 12.1TS OPENB	EUR	4,5650	4,6650	4,5650			4,6650					
Certificate	DE000CE6CX55	EON 6.056TL OPENZ	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	DE000CE6CXP4	EON 6.754TL OPENZ	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	DE000CE6DFI2	EON 7.448TL OPENZ	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	DE000CV8AUP9	EQNR 167.8TL OPENZ	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000CV8AUQ7	EQNR 188.9TL OPENZ	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CV8BEJ4	EQNR 209.9TL OPENZ	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	DE000CE6EHY5	ERIC5 37.5TL OPENZ	EUR	4,4750	4,4750	4,4750			4,4750					
Certificate	DE000CV8A2V0	ERIC5 68.5TL OPENZ	EUR	1,4100	1,4850	1,4100	1762,5000	1	1,4850	1250				
Certificate	NL0012932388	ERIC5107.2TS OPENH	EUR	3,6500	3,6500	3,4800			3,4800					
Certificate	NL0012432082	ERIC523.71TL OPENH	EUR	5,8000	5,9400	5,8000			5,9400					
Certificate	NL0011600705	ERIC532.33TL OPENH	EUR	5,0400	5,1800	5,0400			5,1800					
Certificate	NL0011989363	ERIC539.58TL OPENH	EUR	4,4000	4,5400	4,4000			4,5400					
Certificate	NL0011989355	ERIC541.65TL OPENH	EUR	4,2200	4,3600	4,2200			4,3600					
Certificate	DE000CE6DZM4	ERIC542.57TL OPENZ	EUR	3,9850	3,9850	3,9850			3,9850					
Certificate	NL0012520415	ERIC543.92TL OPENH	EUR	4,0200	4,1600	4,0200			4,1600					
Certificate	NL0012540488	ERIC547.71TL OPENH	EUR	3,6800	3,8300	3,6800			3,8300					
Certificate	DE000CE6F5P8	ERIC548.57TL OPENZ	EUR	3,4050	3,4050	3,4050			3,4050					
Certificate	NL0012606214	ERIC550.69TL OPENH	EUR	3,4200	3,5700	3,4200			3,5700					
Certificate	DE000CV88G18	ERIC558.53TL OPENZ	EUR	2,4450	2,4450	2,4450			2,4450					
Certificate	NL0012608558	ERIC559.92TL OPENH	EUR	2,6100	2,7600	2,6100			2,7600					
Certificate	NL0012930747	ERIC567.94TL OPENH	EUR	1,9000	2,0500	1,9000			2,0500					
Certificate	NL0012891212	ERIC574.67TL OPENH	EUR											
Certificate	NL0012608541	ERIC594.43TS OPENH	EUR	2,2700	2,2700	2,1100			2,1100					
Certificate	DE000CE6CFX5	Esc1 LEVOPENZ	EUR	15,0900	15,0900	14,4200			14,4200					
Certificate	DE000CE6CFW7	Esc1 LEVOPENZ	EUR	10,3700	10,3700	10,2800			10,2800					



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	DE000CE6CFY3	ESc1 LEVOPENZ	EUR	14,4150	14,4150	13,0950			13,0950					
Certificate	DE000CE6CG07	ESc1 SHROPENZ	EUR	0,5680	0,6180	0,5680			0,6180					
Certificate	DE000CE6CFZ0	ESc1 SHROPENZ	EUR	2,8700	3,0010	2,8700			3,0010					
Certificate	DE000CV4YYT2	ESILO103.8TL OPENZ	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	NL0012789853	ESILO112.4TL OPENB	EUR	12,1400	12,1400	11,4900			11,4900					
Certificate	NL0012696140	ESILO131.3TS OPENB	EUR	25,2400	25,8400	25,2400			25,8400					
Certificate	NL0012979348	ESILO141.4TS OPENB	EUR	36,2300	36,8300	36,2300			36,8300					
Certificate	NL0009865906	ESILO47.03TL OPENB	EUR	7,2350	7,2350	7,2350			7,2350					
Certificate	DE000CV50921	ESILO81.81TL OPENZ	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	NL0010913299	ESILO87.33TL OPENB	EUR	35,5100	35,5100	34,8600			34,8600					
Certificate	DE000CV4YXH9	ESILO91.85TL OPENZ	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	NL0012146039	ESTX DIS1218Z	EUR	31,9100	31,9100	31,9100			31,9100					
Certificate	NL0012146047	ESTX DIS1218Z	EUR	31,9400	31,9400	31,9400			31,9400					
Certificate	NL0012146021	ESTX DIS1218Z	EUR	31,1300	31,1300	31,1300			31,1300					
Certificate	XS0695424175	ESTX ILC1121G	EUR	139,8100	139,8100	138,8900			138,8900					
Certificate	FR0013090727	ESTX PI 0126M	EUR											
Certificate	FR0012239325	ESTX PI 1020M	EUR	107380,0000	107380,0000	107239,0000			107239,0000					
Certificate	DE0006075302	ESTX PI OPENN	EUR	29,3900	29,3900	29,3900			29,3900					
Certificate	DE0005437453	ESTX PI OPENN	EUR	32,3600	32,3600	32,3600			32,3600					
Certificate	CH0025954865	ESTX PI OPENU	EUR											
Certificate	XS1346712893	ESTX STN0119B	EUR	105,2000	105,2000	105,2000			105,2000					
Certificate	XS1237165821	ESTX STN0124K	EUR											
Certificate	XS1185155105	ESTX STN0220B	EUR	105,3500	105,3500	105,3500			105,3500					
Certificate	DE000UB53VL8	ESTX STN0220U	EUR											
Certificate	XS1194403868	ESTX STN0320B	EUR	107,4000	107,4000	105,9000			105,9000					
Certificate	NL0011218649	ESTX STN0320V	EUR											
Certificate	XS1760093739	ESTX STN0323B	EUR	101,5000	101,5000	101,5000			101,5000					
Certificate	XS1561115541	ESTX STN0323H	EUR	101,8200	101,8200	101,3000			101,3000					
Certificate	NL0012249148	ESTX STN0323V	EUR	102,9000	102,9000	102,1500	128625,0000	3	102,1500	125000				
Certificate	NL0011218706	ESTX STN0324V	EUR											
Certificate	DE000UB55VL3	ESTX STN0421U	EUR											
Certificate	FR0013139227	ESTX STN0423K	EUR											
Certificate	XS1236606171	ESTX STN0520B	EUR											
Certificate	DE000UB57VL9	ESTX STN0522U	EUR											
Certificate	NL0012247753	ESTX STN0522V	EUR	99,6000	99,6000	99,6000			99,6000					
Certificate	XS1193877286	ESTX STN0523K	EUR											
Certificate	XS1000998887	ESTX STN0620K	EUR											
Certificate	NL0011218862	ESTX STN0621V	EUR											
Certificate	XS1778830262	ESTX STN0622B	EUR											
Certificate	XS1621351474	ESTX STN0622B	EUR											
Certificate	NL0011218854	ESTX STN0622V	EUR											
Certificate	XS183250534	ESTX STN0623B	EUR	95,7000	95,7000	94,8000			94,8000					
Certificate	NL0011218847	ESTX STN0623V	EUR	100,8000	100,9500	100,7000	40284,0000	3	100,9500	40000				
Certificate	XS1261825209	ESTX STN0720B	EUR	100,7000	100,7000	99,4000			99,4000					
Certificate	NL0012248066	ESTX STN0721V	EUR											
Certificate	XS1193715031	ESTX STN0722K	EUR											
Certificate	NL0011218045	ESTX STN0722V	EUR											
Certificate	XS1688382123	ESTX STN0920B	EUR	93,2000	93,2000	92,4000			92,4000					
Certificate	XS1289114990	ESTX STN0924K	EUR											
Certificate	NL0011218342	ESTX STN1019V	EUR											
Certificate	XS1120476467	ESTX STN1119B	EUR	106,7000	106,7000	106,7000			106,7000					
Certificate	XS1093363197	ESTX STN1119K	EUR											
Certificate	DE000UB54VL6	ESTX STN1120U	EUR											
Certificate	NL0010871810	ESTX STN1120V	EUR											
Certificate	NL0011219324	ESTX STN1121V	EUR	98,8500	98,8500	98,8500			98,8500					
Certificate	DE000UB58VL7	ESTX STN1122U	EUR	100,0000	100,0000	99,3000	55000,0000	2	99,3000	55000				
Certificate	DE000UB59VL5	ESTX STN1122U	EUR											
Certificate	XS0708791404	ESTX STN1218K	EUR											
Certificate	NL0012249643	ESTX 4STN0623V	EUR											
Certificate	NL0012249635	ESTX 9STN0523V	EUR											
Certificate	XS1573878474	ESTX 9STN0722H	EUR	100,4100	101,0300	99,5800	23083,9000	2	99,5800	23000				
Certificate	NL0012236400	ESTX 38BON0619Z	EUR	34,9000	34,9000	34,9000			34,9000					
Certificate	NL0012236384	ESTX 38BON1218Z	EUR	35,3400	35,3400	35,3400			35,3400					
Certificate	NL0012236129	ESTX 100TW11218Z	EUR	109,5900	109,5900	109,5900			109,5900					
Certificate	NL0006471989	ESTX 810TL OPENB	EUR	24,2350	24,2350	24,2350			24,2350					
Certificate	NL0006467466	ESTX 1020TL OPENB	EUR	22,1750	22,1750	22,1750			22,1750					
Certificate	NL0009069921	ESTX 1250TL OPENB	EUR	19,9750	19,9750	19,9750			19,9750					
Certificate	NL0009998277	ESTX 1580TL OPENB	EUR	16,7150	16,7150	16,7150			16,7150					
Certificate	NL0011595590	ESTX 1766TRLOPENH	EUR	14,3600	14,3600	14,3600			14,3600					
Certificate	NL0011596424	ESTX 1780TL OPENH	EUR	14,7500	14,7500	14,7500			14,7500					
Certificate	DE000CX00542	ESTX 1903TL OPENC	EUR	14,6600	14,6600	14,6600			14,6600					
Certificate	NL0010131686	ESTX 1930TL OPENB	EUR	13,3650	13,3650	13,3650			13,3650					



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	DE000CN6JFW1	ESTX 1992TL OPENZ	EUR	12,3850	12,3850	12,3850			12,3850					
Certificate	NL0010134128	ESTX 2030TL OPENB	EUR	12,3750	12,3750	12,3750			12,3750					
Certificate	NL0011602073	ESTX 2040TL OPENH	EUR	12,2700	12,2700	12,2700			12,2700					
Certificate	NL0011600499	ESTX 2080TL OPENH	EUR	11,8600	11,8600	11,8600			11,8600					
Certificate	DE000CN6JQD8	ESTX 2098TL OPENZ	EUR	11,0900	11,0900	11,0900			11,0900					
Certificate	NL0010890109	ESTX 2110TL OPENB	EUR	11,6150	11,6150	11,6150			11,6150					
Certificate	NL0010253605	ESTX 2140TL OPENB	EUR	11,2750	11,2750	11,2750			11,2750					
Certificate	DE000CT9JA76	ESTX 2145TL OPENC	EUR	12,1100	12,1100	12,1100			12,1100					
Certificate	NL0011600812	ESTX 2149TRLOPENH	EUR	10,5300	10,5300	10,5300			10,5300					
Certificate	DE000CN6JQCO	ESTX 2150TL OPENZ	EUR	10,5750	10,5750	10,5750			10,5750					
Certificate	NL0011596390	ESTX 2160TL OPENH	EUR	11,1000	11,1000	11,1000			11,1000					
Certificate	NL0011595582	ESTX 2196TRLOPENH	EUR	10,0700	10,0700	10,0700			10,0700					
Certificate	DE000C22FL97	ESTX 2198TL OPENZ	EUR	10,7700	10,7700	10,3550			10,3550					
Certificate	NL0011596382	ESTX 2200TL OPENH	EUR	10,6800	10,6800	10,6800			10,6800					
Certificate	NL0011035787	ESTX 2250TL OPENH	EUR	10,2100	10,2100	10,2100			10,2100					
Certificate	NL0011646815	ESTX 2277BL OPENB	EUR	9,4850	9,4850	9,4850			9,4850					
Certificate	NL0011595574	ESTX 2283TRLOPENH	EUR	9,2000	9,2000	9,2000			9,2000					
Certificate	NL0011602065	ESTX 2290TL OPENH	EUR	9,8400	9,8400	9,8400			9,8400					
Certificate	DE000CN6HNB3	ESTX 2306TL OPENZ	EUR	9,0100	9,0100	9,0100			9,0100					
Certificate	DE000C27DLC8	ESTX 2309TL OPENZ	EUR	9,2550	9,2550	9,2550			9,2550					
Certificate	NL0011602057	ESTX 2310TL OPENH	EUR	9,6300	9,6300	9,6300			9,6300					
Certificate	NL0010890125	ESTX 2320TL OPENB	EUR	9,5850	9,5850	9,5850			9,5850					
Certificate	NL0011594882	ESTX 2325TRLOPENH	EUR	8,7800	8,7800	8,7800			8,7800					
Certificate	NL0011602040	ESTX 2330TL OPENH	EUR	9,4300	9,4300	9,4300			9,4300					
Certificate	NL0011035779	ESTX 2360TL OPENH	EUR	9,1800	9,1800	9,1800			9,1800					
Certificate	NL0011054077	ESTX 2381TRLOPENH	EUR	8,2200	8,2200	8,2200			8,2200					
Certificate	NL0011600390	ESTX 2400TL OPENH	EUR	8,8200	8,8200	8,8200			8,8200					
Certificate	NL0011601653	ESTX 2405TRLOPENH	EUR	7,9700	7,9700	7,9700			7,9700					
Certificate	NL0011596374	ESTX 2410TL OPENH	EUR	8,6600	8,6600	8,6600			8,6600					
Certificate	DE000CX0J7Z5	ESTX 2412TL OPENC	EUR	9,5400	9,5400	9,5400			9,5400					
Certificate	DE000CX0H6K1	ESTX 2418TL OPENC	EUR	9,3300	9,3300	9,3300			9,3300					
Certificate	NL0011600804	ESTX 2428TRLOPENH	EUR	7,7500	7,7500	7,7500			7,7500					
Certificate	NL0010890133	ESTX 2430TL OPENB	EUR	8,5050	8,5050	8,5050			8,5050					
Certificate	NL0011600382	ESTX 2440TL OPENH	EUR	8,4100	8,4100	8,4100			8,4100					
Certificate	NL0011594874	ESTX 2454TRLOPENH	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	DE000CR4J0G6	ESTX 2459TL OPENZ	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	NL0011035761	ESTX 2470TL OPENH	EUR	8,1400	8,1400	8,1400			8,1400					
Certificate	NL0011594866	ESTX 2498TRLOPENH	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	NL0011602669	ESTX 2500TL OPENH	EUR	7,8000	7,8000	7,8000			7,8000					
Certificate	DE000CX0JY53	ESTX 2515TL OPENC	EUR	8,5000	8,5000	8,5000			8,5000					
Certificate	DE000CV50517	ESTX 2515TL OPENZ	EUR	7,3400	7,3400	6,9250			6,9250					
Certificate	NL0011602651	ESTX 2520TL OPENH	EUR	7,6100	7,6100	7,6100			7,6100					
Certificate	DE000CX0XJ2	ESTX 2522TL OPENC	EUR	8,2800	8,2800	8,2800			8,2800					
Certificate	DE000C27DLD6	ESTX 2523TL OPENZ	EUR	7,1350	7,1350	7,1350			7,1350					
Certificate	NL0011900279	ESTX 2540TL OPENB	EUR	7,4550	7,4550	7,4550			7,4550					
Certificate	NL0011603121	ESTX 2540TL OPENH	EUR	7,4100	7,4100	7,4100			7,4100					
Certificate	NL0011594858	ESTX 2540TRLOPENH	EUR	6,6200	6,6200	6,6200			6,6200					
Certificate	NL0013008220	ESTX 2560BL OPENB	EUR	6,5750	6,5750	6,5750			6,5750					
Certificate	NL0011891957	ESTX 2560TL OPENH	EUR	7,2000	7,2000	7,2000			7,2000					
Certificate	DE000CR1J4W0	ESTX 2566TL OPENZ	EUR	6,8300	6,8300	6,4200			6,4200					
Certificate	NL0011602735	ESTX 2576TRLOPENH	EUR	6,6600	6,6600	6,2500	3435,4500	6	6,2500	520				
Certificate	NL0011891940	ESTX 2580TL OPENH	EUR	7,0000	7,0000	7,0000			7,0000					
Certificate	DE000CX01WK4	ESTX 2581TL OPENC	EUR	7,8300	7,8300	7,8300			7,8300					
Certificate	DE000CX01WC1	ESTX 2587TL OPENC	EUR	7,6200	7,6200	7,6200			7,6200					
Certificate	NL0011602727	ESTX 2597TRLOPENH	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	NL0011891932	ESTX 2600TL OPENH	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	DE000CN6JSD4	ESTX 2618TL OPENZ	EUR	6,3100	6,3100	5,8950			5,8950					
Certificate	NL0011603600	ESTX 2618TRLOPENH	EUR	5,8300	5,8300	5,8300			5,8300					
Certificate	NL0011892781	ESTX 2620TL OPENH	EUR	6,6000	6,6000	6,6000			6,6000					
Certificate	NL0011907100	ESTX 2640TL OPENB	EUR	6,4350	6,4350	6,4350			6,4350					
Certificate	NL0011891775	ESTX 2645TRLOPENH	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	NL0011896428	ESTX 2650TL OPENH	EUR	6,3900	6,3900	6,3900			6,3900					
Certificate	NL0011891767	ESTX 2666TRLOPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	DE000CD61SE1	ESTX 2669TL OPENZ	EUR	5,3850	5,3850	5,3850			5,3850					
Certificate	NL0011926605	ESTX 2670TL OPENH	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	NL0011892575	ESTX 2687TRLOPENH	EUR	5,1600	5,1600	5,1600			5,1600					
Certificate	NL0011926597	ESTX 2690TL OPENH	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	NL0011926589	ESTX 2710TL OPENH	EUR	5,7800	5,7800	5,7800			5,7800					
Certificate	DE000CD61U21	ESTX 2720TL OPENZ	EUR	4,8750	4,8750	4,8750			4,8750					
Certificate	NL0011931076	ESTX 2721TRLOPENH	EUR	4,8100	4,8100	4,8100			4,8100					
Certificate	DE000CD61T81	ESTX 2729TL OPENZ	EUR	5,1050	5,1050	5,1050			5,1050					
Certificate	NL0011927546	ESTX 2730TL OPENH	EUR	5,5800	5,5800	5,5800			5,5800					



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	NL0011896733	ESTX 2731TRLOPENH	EUR	4,7100	4,7100	4,7100			4,7100					
Certificate	NL0011927538	ESTX 2750TL OPENH	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	NL0011926324	ESTX 2750TRLOPENH	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	NL0011907951	ESTX 2758BL OPENB	EUR	4,6750	4,6750	4,6750			4,6750					
Certificate	NL0011927520	ESTX 2770TL OPENH	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	NL0011926316	ESTX 2771TRLOPENH	EUR	4,3100	4,3100	4,3100			4,3100					
Certificate	DE000CD626G3	ESTX 2772TL OPENZ	EUR	4,3650	4,3650	4,3650			4,3650					
Certificate	DE000CX59C56	ESTX 2785TL OPENC	EUR	5,7700	5,7700	5,7700			5,7700					
Certificate	DE000CX0KZ56	ESTX 2790TL OPENC	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	NL0011927330	ESTX 2793TRLOPENH	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	NL0011975586	ESTX 2800TL OPENH	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	NL0011927322	ESTX 2814TRLOPENH	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	DE000CD626H1	ESTX 2823TL OPENZ	EUR	3,8550	3,8550	3,8550			3,8550					
Certificate	NL0011927314	ESTX 2835TRLOPENH	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	DE000CX018B0	ESTX 2845TL OPENC	EUR											
Certificate	NL0013008204	ESTX 2851BL OPENB	EUR	3,6750	3,6750	3,6750			3,6750					
Certificate	DE000CX018S4	ESTX 2853TL OPENC	EUR											
Certificate	NL0012036933	ESTX 2860TL OPENB	EUR	4,2650	4,2650	4,2650			4,2650					
Certificate	NL0011935069	ESTX 2868TRLOPENH	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	DE000CD62JX8	ESTX 2873TL OPENZ	EUR	3,3450	3,3450	3,3450			3,3450					
Certificate	DE000CX59C64	ESTX 2887TL OPENC	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	NL0012048946	ESTX 2890TL OPENH	EUR	4,0200	4,0200	4,0200			4,0200					
Certificate	DE000CX59M21	ESTX 2892TL OPENC	EUR	4,5100	4,5100	4,5100			4,5100					
Certificate	NL0012038608	ESTX 2916BL OPENB	EUR	3,0950	3,0950	3,0950			3,0950					
Certificate	DE000CD63M60	ESTX 2927TL OPENZ	EUR	2,8150	2,8150	2,8150			2,8150					
Certificate	DE000CD63N69	ESTX 2937TL OPENZ	EUR	3,0550	3,0550	3,0550			3,0550					
Certificate	NL0012049662	ESTX 2940TL OPENH	EUR	3,5300	3,5300	3,5300			3,5300					
Certificate	NL0012049266	ESTX 2950TRLOPENH	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	NL0012039697	ESTX 2970TL OPENB	EUR	3,2750	3,2750	3,2750			3,2750					
Certificate	DE000CD63YM8	ESTX 2977TL OPENZ	EUR	2,3150	2,3150	2,3150			2,3150					
Certificate	DE000CX59W29	ESTX 2990TL OPENC	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	NL0012050926	ESTX 2990TL OPENH	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	DE000VL9VVB0	ESTX 2991TL OPENV	EUR	2,7250	2,7250	2,7250			2,7250					
Certificate	NL0013008212	ESTX 3001BL OPENB	EUR	2,1750	2,1750	2,1750			2,1750					
Certificate	DE000VL9VVC8	ESTX 3016TL OPENV	EUR	2,4730	2,4730	2,4730			2,4730					
Certificate	DE000CD63YN6	ESTX 3028TL OPENZ	EUR	2,2200	2,2200	1,8150			1,8150					
Certificate	NL0012050918	ESTX 3040TL OPENH	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	DE000VL9VVD6	ESTX 3041TL OPENV	EUR	2,2210	2,2210	2,2210			2,2210					
Certificate	NL0012050793	ESTX 3064TRLOPENH	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000VL9VVE4	ESTX 3066TL OPENV	EUR	1,9680	1,9680	1,9680			1,9680					
Certificate	NL0012100192	ESTX 3073BL OPENB	EUR	1,5350	1,5350	1,5350			1,5350					
Certificate	DE000CD64151	ESTX 3078TL OPENZ	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	NL0012101430	ESTX 3080TL OPENB	EUR	2,1550	2,1550	2,1550			2,1550					
Certificate	DE000CX59Z75	ESTX 3091TL OPENC	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	DE000VL9VVF1	ESTX 3091TL OPENV	EUR	1,7160	1,7160	1,7160			1,7160					
Certificate	DE000CX59Y84	ESTX 3092TL OPENC	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	NL0012053144	ESTX 3100TL OPENH	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000VL9VVG9	ESTX 3116TL OPENV	EUR	1,4640	1,4640	1,4640			1,4640					
Certificate	NL0012050785	ESTX 3117TRLOPENH	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	DE000CD645B4	ESTX 3127TL OPENZ	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	DE000CD644G6	ESTX 3140TL OPENZ	EUR	1,0450	1,0450	1,0450			1,0450					
Certificate	NL0012922058	ESTX 3160TL OPENH	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	DE000VN6Y7G1	ESTX 3160TL OPENV	EUR	2,0980	2,0980	2,0980			2,0980					
Certificate	NL0012687115	ESTX 3175BL OPENB	EUR	1,0000	1,0000	0,4900	900,0000	1	0,4900	900				
Certificate	DE000CD649R2	ESTX 3178TL OPENZ	EUR	0,8300	0,8300	0,3350	99,6000	1	0,3350	120				
Certificate	NL0012114953	ESTX 3180TL OPENB	EUR	1,1750	1,1750	1,1750			1,1750					
Certificate	DE000VA71X34	ESTX 3186TL OPENV	EUR	0,2340	0,2340	0,2340			0,2340					
Certificate	DE000VL9VVH7	ESTX 3191TL OPENV	EUR	0,7120	0,7120	0,7120			0,7120					
Certificate	NL0012795462	ESTX 3200DIS0619Z	EUR	29,9500	29,9500	29,9500			29,9500					
Certificate	NL0013084668	ESTX 3200TRLOPENH	EUR	0,2400	0,2400	0,1100	268,5000	3	0,1100	1650				
Certificate	DE000VN62AQ7	ESTX 3204TL OPENV	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	NL0012922041	ESTX 3210TL OPENH	EUR											
Certificate	DE000VN66DP7	ESTX 3230TL OPENV	EUR	0,4630	0,4630	0,4630			0,4630					
Certificate	DE000VL9VVJ3	ESTX 3241TL OPENV	EUR											
Certificate	NL0013083744	ESTX 3250TRSOPENH	EUR											
Certificate	NL0012921639	ESTX 3252TRLOPENH	EUR											
Certificate	NL0012922033	ESTX 3260TL OPENH	EUR											
Certificate	DE000VA71TV8	ESTX 3266TS OPENV	EUR											
Certificate	NL0013011299	ESTX 3282BS OPENB	EUR	0,5600	0,9650	0,5550	664,0000	2	0,9650	1000				
Certificate	DE000CJ3N997	ESTX 3285TS OPENZ	EUR											
Certificate	DE000VA71TW6	ESTX 3291TS OPENV	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	NL0013083736	ESTX 3299TRSOPENH	EUR	1,0100	1,0100	1,0100			1,0100					



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	NL0012795488	ESTX 3300DIS1219Z	EUR	29,8000	29,8000	29,8000			29,8000					
Certificate	DE000VA71MZ4	ESTX 3316TS OPENV	EUR	1,1520	1,1520	1,1520			1,1520					
Certificate	NL0013009459	ESTX 3320TS OPENB	EUR	1,5950	1,5950	1,5950			1,5950					
Certificate	DE000CJ3N5V8	ESTX 3328TS OPENZ	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	NL0013079239	ESTX 3340TS OPENH	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	DE000VA71M29	ESTX 3341TS OPENV	EUR	1,4020	1,4020	1,4020			1,4020					
Certificate	NL0013079601	ESTX 3360TRSOPENH	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	DE000VA71M60	ESTX 3366TS OPENV	EUR	1,6520	1,6520	1,6520			1,6520					
Certificate	NL0013008485	ESTX 3382BS OPENB	EUR	1,9550	1,9550	1,9550			1,9550					
Certificate	DE000CJ3N161	ESTX 3384TS OPENZ	EUR	1,8550	1,8550	1,8550			1,8550					
Certificate	DE000VA7TA84	ESTX 3392TS OPENV	EUR	1,8950	1,8950	1,8950			1,8950					
Certificate	NL0012795843	ESTX 3400BON0619Z	EUR	32,0900	32,0900	32,0900			32,0900					
Certificate	DE000VA1SS56	ESTX 3409TL OPENV	EUR											
Certificate	NL0013079593	ESTX 3410TRSOPENH	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	DE000VA7TA92	ESTX 3417TS OPENV	EUR	2,1450	2,1450	2,1450			2,1450					
Certificate	NL0013005408	ESTX 3430TS OPENB	EUR	2,6300	2,7250	2,6300	3990,0000	2	2,6850	1500				
Certificate	DE000VA7PWJ0	ESTX 3442TS OPENV	EUR	2,3930	2,3930	2,3930			2,3930					
Certificate	NL0012937635	ESTX 3463TRSOPENH	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	NL0012936801	ESTX 3470TS OPENH	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	DE000VAGEAY1	ESTX 3477TS OPENV	EUR	2,6260	2,6260	2,6260			2,6260					
Certificate	NL0012988851	ESTX 3481BS OPENB	EUR	3,0350	3,0350	3,0350			3,0350					
Certificate	DE000CV88656	ESTX 3484TS OPENZ	EUR	2,8450	2,8450	2,8450			2,8450					
Certificate	NL0012236327	ESTX 35_5BON0619Z	EUR	34,8200	34,8200	34,8200			34,8200					
Certificate	NL0012795850	ESTX 3500BON0919Z	EUR	32,2100	32,2100	32,2100			32,2100					
Certificate	NL0012795470	ESTX 3500DIS0619Z	EUR	30,8200	30,8200	30,8200			30,8200					
Certificate	DE000VASREA7	ESTX 3508TS OPENV	EUR	2,8730	2,8730	2,8730			2,8730					
Certificate	NL0012937130	ESTX 3512TRSOPENH	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	NL0012648562	ESTX 3515BON1219Z	EUR	33,9700	33,9700	33,9700			33,9700					
Certificate	NL0011590971	ESTX 3521TRSOPENH	EUR	3,1800	3,1800	3,1800			3,1800					
Certificate	DE000CV897T1	ESTX 3528TS OPENZ	EUR	3,7350	3,7350	3,7350			3,7350					
Certificate	NL0011090709	ESTX 3530TS OPENB	EUR	4,4050	4,4050	4,4050			4,4050					
Certificate	NL0012146070	ESTX 3550BON1218Z	EUR	35,4900	35,4900	35,4900			35,4900					
Certificate	NL0012921985	ESTX 3550TS OPENH	EUR	4,6600	4,6600	4,6600			4,6600					
Certificate	NL0012921571	ESTX 3557TRSOPENH	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	DE000VA15UT7	ESTX 3565TS OPENV	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	NL0012121768	ESTX 3580BS OPENB	EUR	4,0250	4,0250	4,0250			4,0250					
Certificate	DE000CE6BWF9	ESTX 3583TS OPENZ	EUR	3,8350	3,8350	3,8350			3,8350					
Certificate	NL0012921563	ESTX 3597TRSOPENH	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	NL0012236376	ESTX 36_5BON1218Z	EUR	35,7800	35,7800	35,7800			35,7800					
Certificate	NL0012648539	ESTX 3600BON0619Z	EUR	34,3600	34,3600	34,3600			34,3600					
Certificate	NL0012648661	ESTX 3600BON1218Z	EUR	35,0300	35,0300	35,0300			35,0300					
Certificate	NL0012795496	ESTX 3600DIS1219Z	EUR	30,5400	30,5400	30,5400			30,5400					
Certificate	NL0012795066	ESTX 3625BOC0319Z	EUR	34,6300	34,6300	34,6300			34,6300					
Certificate	NL0012795041	ESTX 3625BOC1218Z	EUR	35,2300	35,2300	35,2300			35,2300					
Certificate	NL0011045695	ESTX 3630TS OPENH	EUR	5,4600	5,4600	5,4600			5,4600					
Certificate	NL0012921555	ESTX 3634TRSOPENH	EUR	4,3100	4,3100	4,3100			4,3100					
Certificate	NL0012121586	ESTX 3640TS OPENB	EUR	5,5250	5,5250	5,5250			5,5250					
Certificate	NL0012145916	ESTX 3650BOC1218Z	EUR	36,4000	36,4000	36,4000			36,4000					
Certificate	NL0012648570	ESTX 3650BON1219Z	EUR	33,9200	33,9200	33,9200			33,9200					
Certificate	NL0012236137	ESTX 3655BON0619Z	EUR	35,2400	35,2400	35,2400			35,2400					
Certificate	NL0012648497	ESTX 3665BON0319Z	EUR	35,5450	35,5450	35,5450			35,5450					
Certificate	NL0012921548	ESTX 3666TRSOPENH	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	NL0012782437	ESTX 3681BS OPENB	EUR	5,0350	5,0350	5,0350			5,0350					
Certificate	DE000CE6BWW7	ESTX 3681TS OPENZ	EUR	4,8250	4,8250	4,8250			4,8250					
Certificate	NL0011590963	ESTX 3699TRSOPENH	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	NL0012795082	ESTX 3700BOC0619Z	EUR	34,5900	34,5900	34,5900			34,5900					
Certificate	DE000CE6C6X3	ESTX 3717TS OPENZ	EUR	5,6550	5,6550	5,6550			5,6550					
Certificate	NL0012933733	ESTX 3720TS OPENH	EUR	6,3400	6,3400	6,3400			6,3400					
Certificate	NL0012648547	ESTX 3725BON0619Z	EUR	34,3900	34,3900	34,3900			34,3900					
Certificate	NL0012648521	ESTX 3725BON1218Z	EUR	34,8700	34,8700	34,8700			34,8700					
Certificate	NL0012260426	ESTX 3740TS OPENB	EUR	6,5350	6,5350	6,5350			6,5350					
Certificate	NL0012921530	ESTX 3745TRSOPENH	EUR	5,4100	5,4100	5,4100			5,4100					
Certificate	NL0012795058	ESTX 3750BOC1218Z	EUR	35,0400	35,0400	35,0400			35,0400					
Certificate	NL0012795108	ESTX 3775BOC0919Z	EUR	34,4900	34,4900	34,4900			34,4900					
Certificate	DE000CE6C873	ESTX 3781TS OPENZ	EUR	5,4100	5,8100	5,4100			5,8100					
Certificate	NL0012785364	ESTX 3782BS OPENB	EUR	6,0350	6,0350	6,0350			6,0350					
Certificate	NL0012921522	ESTX 3795TRSOPENH	EUR	5,9000	5,9000	5,9000			5,9000					
Certificate	NL0011045687	ESTX 3810TS OPENH	EUR	7,3400	7,3400	7,3400			7,3400					
Certificate	NL0012795074	ESTX 3825BOC0319Z	EUR	34,1900	34,1900	34,1900			34,1900					
Certificate	NL0012676233	ESTX 3825BOC1218B	EUR	37,8500	37,8500	37,7500			37,7500					
Certificate	NL0012236541	ESTX 3825BON0919Z	EUR	36,2350	36,2350	36,2350			36,2350					
Certificate	DE000VN66C23	ESTX 3826TS OPENV	EUR	3,2890	3,2890	3,2890			3,2890					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VN66C80	ESTX 3830TS OPENV	EUR	4,0610	4,0610	4,0610			4,0610					
Certificate	DE000VL2FY01	ESTX 3831TS OPENV	EUR	4,2690	4,2690	4,2690			4,2690					
Certificate	NL0012921514	ESTX 3844TRSOPENH	EUR	6,4000	6,4000	6,4000								
Certificate	NL0012795124	ESTX 3850BOC1219Z	EUR	34,5000	34,5000	34,5000				34,5000				
Certificate	NL0012648588	ESTX 3850BON1219Z	EUR	34,0400	34,0400	34,0400				34,0400				
Certificate	DE000VA1ZE47	ESTX 3851TS OPENV	EUR	5,5250	5,5250	5,5250				5,5250				
Certificate	DE000VN66C31	ESTX 3851TS OPENV	EUR	3,5310	3,5310	3,5310				3,5310				
Certificate	NL0012264758	ESTX 3860TS OPENB	EUR	7,8450	7,8450	7,8450				7,8450				
Certificate	DE000VN66C98	ESTX 3860TS OPENV	EUR	4,3570	4,3570	4,3570				4,3570				
Certificate	NL0011590955	ESTX 3876TRSOPENH	EUR	6,7200	6,7200	6,7200				6,7200				
Certificate	DE000VA1ZE54	ESTX 3876TS OPENV	EUR	5,7750	5,7750	5,7750				5,7750				
Certificate	DE000VN66C49	ESTX 3876TS OPENV	EUR	3,7730	3,7730	3,7730				3,7730				
Certificate	DE000VL37J16	ESTX 3880TS OPENV	EUR	5,5150	5,5150	5,5150				5,5150				
Certificate	DE000VL2FY27	ESTX 3881TS OPENV	EUR	4,7580	4,7580	4,7580				4,7580				
Certificate	DE000CE6CH22	ESTX 3881TS OPENZ	EUR	6,8200	6,8200	6,8200				6,8200				
Certificate	DE000VN66DA9	ESTX 3890TS OPENV	EUR	4,6530	4,6530	4,6530				4,6530				
Certificate	DE000CX01WF4	ESTX 3894TS OPENC	EUR	3,8500	3,8500	3,8500				3,8500				
Certificate	DE000VA1ZE62	ESTX 3901TS OPENV	EUR	6,0150	6,0150	6,0150				6,0150				
Certificate	DE000CE6CQA0	ESTX 3922TS OPENZ	EUR	7,7250	7,7250	7,7250				7,7250				
Certificate	NL0012921506	ESTX 3923TRSOPENH	EUR	7,2000	7,2000	7,2000				7,2000				
Certificate	NL0012107965	ESTX 3925BOC1218B	EUR	39,0900	39,0900	39,0500				39,0500				
Certificate	NL0012145924	ESTX 3925BOC1218Z	EUR	38,9300	38,9300	38,9300				38,9300				
Certificate	DE000VL37J24	ESTX 3930TS OPENV	EUR	6,0150	6,0150	6,0150				6,0150				
Certificate	DE000VL2FY43	ESTX 3931TS OPENV	EUR	5,2450	5,2450	5,2450				5,2450				
Certificate	NL0012269674	ESTX 3940BOC1218B	EUR	38,8700	38,8700	38,7400				38,7400				
Certificate	DE000CX59W37	ESTX 3942TS OPENC	EUR	4,5800	4,5800	4,5800				4,5800				
Certificate	DE000CX59M47	ESTX 3944TS OPENC	EUR	4,3300	4,3300	4,3300				4,3300				
Certificate	NL0012795090	ESTX 3950BOC0619Z	EUR	34,3300	34,3300	34,3300				34,3300				
Certificate	NL0012494561	ESTX 3950BOC1218B	EUR	37,1800	37,2900	36,7300	56544,0000	1		36,7300	1520			
Certificate	NL0012648554	ESTX 3950BON0619Z	EUR	34,3400	34,3400	34,3400				34,3400				
Certificate	NL0012921977	ESTX 3950TS OPENH	EUR	8,7600	8,7600	8,7600				8,7600				
Certificate	NL0012700363	ESTX 3970TS OPENB	EUR	8,9350	8,9350	8,9350				8,9350				
Certificate	DE000CE6CQ39	ESTX 3986TS OPENZ	EUR	7,8700	7,8700	7,8700				7,8700				
Certificate	NL0012983290	ESTX 4000BOC0619B	EUR	37,8100	37,8100	37,6100				37,6100				
Certificate	NL0012983282	ESTX 4000BOC1219B	EUR	36,0300	36,1100	35,8100	55248,3000	1		35,8100	1530			
Certificate	DE000CE6DJF2	ESTX 4070TS OPENZ	EUR	8,8200	9,2350	8,8200				9,2350				
Certificate	NL0012795116	ESTX 4075BOC0919Z	EUR	34,1300	34,1300	34,1300				34,1300				
Certificate	DE000CE6DJJ4	ESTX 4082TS OPENZ	EUR	8,8200	8,8200	8,8200				8,8200				
Certificate	NL0012933030	ESTX 4098TRSOPENH	EUR	8,9400	8,9400	8,9400				8,9400				
Certificate	NL0012146088	ESTX 4100BOC1218Z	EUR	39,3600	39,3600	39,3600				39,3600				
Certificate	NL0012648596	ESTX 4150BON1219Z	EUR	33,8300	33,8300	33,8300				33,8300				
Certificate	NL0012921969	ESTX 4150TS OPENH	EUR	10,8000	10,8000	10,8000				10,8000				
Certificate	NL0012921498	ESTX 4178TRSOPENH	EUR	9,7500	9,7500	9,7500				9,7500				
Certificate	DE000CE6E277	ESTX 4178TS OPENZ	EUR	9,7800	9,7800	9,7800				9,7800				
Certificate	NL0011231071	ESTX 4180TS OPENH	EUR	11,1500	11,1500	11,1500				11,1500				
Certificate	NL0011590948	ESTX 4199TRSOPENH	EUR	9,9500	9,9500	9,9500				9,9500				
Certificate	NL0012795132	ESTX 4200BOC1219Z	EUR	33,9700	33,9700	33,9700				33,9700				
Certificate	NL0011590930	ESTX 4231TRSOPENH	EUR	10,2700	10,2700	10,2700				10,2700				
Certificate	DE000CE6FAQ3	ESTX 4268TS OPENZ	EUR	11,2350	11,2350	11,2350				11,2350				
Certificate	DE000CE6FAH2	ESTX 4279TS OPENZ	EUR	10,7900	10,7900	10,7900				10,7900				
Certificate	NL0012146096	ESTX 4325BOC1218Z	EUR	38,9000	38,9000	38,9000				38,9000				
Certificate	NL0011590922	ESTX 4585TRSOPENH	EUR	13,8100	13,8100	13,8100				13,8100				
Certificate	DE000CV88X58	ESTX 4669TS OPENZ	EUR	14,8800	15,2950	14,8800				15,2950				
Certificate	XS1472027173	ESTX 7.255TN0222K	EUR											
Certificate	XS1840195744	ESTX 8.975TN0823H	EUR	95,2100	95,2100	94,4300				94,4300				
Certificate	NL0012236392	ESTX 36.25BON0619Z	EUR	34,4900	34,4900	34,4900				34,4900				
Certificate	NL0012236418	ESTX 41.75BON0619Z	EUR	34,1200	34,1200	34,1200				34,1200				
Certificate	DE000CE6BUQ0	ESTXF LEVOPENZ	EUR	10,0950	10,0950	9,9650				9,9650				
Certificate	DE000CE6BUS6	ESTXF LEVOPENZ	EUR	3,5730	3,5730	3,1390				3,1390				
Certificate	DE000CE6BUR8	ESTXF LEVOPENZ	EUR	8,1500	8,1500	7,6500				7,6500				
Certificate	DE000CE6BUU2	ESTXF SHROOPENZ	EUR	1,8310	2,0680	1,8310				2,0680				
Certificate	DE000CE6BUT4	ESTXF SHROOPENZ	EUR	5,8950	6,2700	5,8950				6,2700				
Certificate	DE000CV8AWM2	EUCAD1.283TL OPENZ	EUR	14,5100	14,5100	14,4700				14,4700				
Certificate	DE000CR4J9N5	EUCAD1.344TL OPENZ	EUR	10,4500	10,4500	10,4000				10,4000				
Certificate	NL0013004088	EUCAD1.359TL OPENB	EUR	11,0850	11,0850	11,0850				11,0850				
Certificate	NL0012282537	EUCAD1.401TL OPENB	EUR	8,2850	8,2850	8,2850				8,2850				
Certificate	DE000CR4H922	EUCAD1.433TL OPENZ	EUR	4,5300	4,5300	4,4850				4,4850				
Certificate	NL0012791545	EUCAD1.446TL OPENB	EUR	5,3750	5,3750	5,3750				5,3750				
Certificate	NL0012989867	EUCAD1.542TS OPENB	EUR	5,0500	5,0500	4,9950	1004,9500	1		4,9950	199			
Certificate	DE000CV88N01	EUCAD1.574TS OPENZ	EUR	5,0500	5,0900	5,0500				5,0900				
Certificate	NL0011539507	EUCAD1.622TS OPENB	EUR	10,4550	10,4550	10,4550				10,4550				
Certificate	DE000CR9SJ70	EUCAD1.634TS OPENZ	EUR	9,0200	9,0600	9,0200				9,0600				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012771992	EUCAD1.662TS OPENB	EUR	13,1950	13,1950	13,1950			13,1950					
Certificate	DE000CNGHPB8	EUCAD1.711TS OPENZ	EUR	14,2100	14,2600	14,2100			14,2600					
Certificate	DE000CV508J5	EUCAD1.771TS OPENZ	EUR	18,2100	18,2600	18,2100			18,2600					
Certificate	NL0000873503	EUCHF1.28TS OPENB	EUR	14,3800	14,3800	14,3800			14,3800					
Certificate	NL0010925558	EUCHF0.871TL OPENB	EUR	25,9500	25,9500	25,9500			25,9500					
Certificate	DE000CR6X9G9	EUCHF0.923TL OPENZ	EUR	19,3700	19,3700	19,2700			19,2700					
Certificate	DE000CR6X9F1	EUCHF1.003TL OPENZ	EUR	12,4000	12,4000	12,2850			12,2850					
Certificate	DE000CR6X9E4	EUCHF1.043TL OPENZ	EUR	8,9000	8,9000	8,7800			8,7800					
Certificate	NL0011436340	EUCHF1.081TL OPENB	EUR	8,1350	8,1350	8,1350			8,1350					
Certificate	DE000CE6DVG5	EUCHF1.098TL OPENZ	EUR	4,1000	4,1000	3,9750			3,9750					
Certificate	NL0012280275	EUCHF1.121TL OPENB	EUR	4,7350	4,7350	4,7350			4,7350					
Certificate	NL0012988968	EUCHF1.165TS OPENB	EUR	5,1650	5,1650	5,1650			5,1650					
Certificate	NL0012793277	EUCHF1.183TS OPENB	EUR	6,7850	6,7850	6,7850			6,7850					
Certificate	NL0012677348	EUCHF1.202TS OPENB	EUR	8,4750	8,4750	8,4750			8,4750					
Certificate	DE000CV88WB4	EUCHF1.206TS OPENZ	EUR	5,5600	5,6900	5,5600			5,6900					
Certificate	DE000CE6E507	EUCHF1.256TS OPENZ	EUR	9,9300	10,0600	9,9300			10,0600					
Certificate	DE000CV4YTV8	EUCHF1.315TS OPENZ	EUR	15,0400	15,1800	15,0400			15,1800					
Certificate	LU1840909458	EUGBP 0.97PIOPENS	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	NL0013010713	EUGBP 0.9TS OPENB	EUR	4,5100	4,5100	4,5100			4,5100					
Certificate	LU1756001837	EUGBP 0.83TCIOPENS	EUR											
Certificate	LU1719706019	EUGBP 0.84TCIOPENS	EUR											
Certificate	LU1650911248	EUGBP 0.85TCIOPENS	EUR											
Certificate	LU1719706100	EUGBP 0.85TCIOPENS	EUR											
Certificate	NL0011905625	EUGBP 0.86BL OPENB	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	NL0012494306	EUGBP 0.91TS OPENB	EUR	5,6000	5,6000	5,6000			5,6000					
Certificate	LU1651915529	EUGBP 0.92TPIOPENS	EUR	3,6300	3,6300	3,6300			3,6300					
Certificate	NL0012494314	EUGBP 0.92TS OPENB	EUR	6,7500	6,7500	6,7500			6,7500					
Certificate	LU1790502857	EUGBP 0.93TPIOPENS	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	NL0012988331	EUGBP 0.93TS OPENB	EUR	7,9600	7,9600	7,9600			7,9600					
Certificate	LU1790503079	EUGBP 0.96TPIOPENS	EUR	8,9400	8,9400	8,9400			8,9400					
Certificate	NL0011740915	EUGBP 1.24TS OPENH	EUR	43,1900	43,1900	43,1900			43,1900					
Certificate	NL0011053145	EUGBP0.678TL OPENH	EUR	24,0000	24,0000	24,0000			24,0000					
Certificate	NL0011053137	EUGBP0.734TL OPENH	EUR	17,6900	17,6900	17,6900			17,6900					
Certificate	DE000CR6YL22	EUGBP0.741TL OPENZ	EUR	15,6850	15,7950	15,6850			15,7950					
Certificate	NL0011242292	EUGBP0.756TL OPENH	EUR	15,2600	15,2600	15,2600			15,2600					
Certificate	DE000CR6XHL7	EUGBP0.762TL OPENZ	EUR	13,3250	13,4400	13,3250			13,4400					
Certificate	NL0011593454	EUGBP0.774TL OPENH	EUR	13,2200	13,2200	13,2200			13,2200					
Certificate	DE000CR6YA90	EUGBP0.781TL OPENZ	EUR	11,1300	11,2500	11,1300			11,2500					
Certificate	NL0012770424	EUGBP0.805TL OPENB	EUR	10,2300	10,2300	10,2300			10,2300					
Certificate	NL0013007487	EUGBP0.819BL OPENB	EUR	6,9300	6,9300	6,9300			6,9300					
Certificate	DE000CN6JQM9	EUGBP0.821TL OPENZ	EUR	6,6300	6,7600	6,6300			6,7600					
Certificate	NL0012693907	EUGBP0.839BL OPENB	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	NL0011892963	EUGBP0.844TL OPENH	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	NL0012099535	EUGBP0.848TL OPENB	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	DE000CD62BP1	EUGBP0.864TL OPENZ	EUR	1,7000	1,8300	1,7000			1,8300					
Certificate	NL0011892948	EUGBP0.866TL OPENH	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	NL0012260947	EUGBP0.868TL OPENB	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	LU1840909375	EUGBP0.895TPIOPENS	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	NL0013007503	EUGBP0.907BS OPENB	EUR	3,3200	3,3200	3,3200			3,3200					
Certificate	DE000CD62B09	EUGBP0.922TS OPENZ	EUR	5,1200	5,1200	4,9850			4,9850					
Certificate	NL0012488894	EUGBP0.927BS OPENB	EUR	5,6000	5,6000	5,6000			5,6000					
Certificate	NL0012993646	EUGBP0.947BS OPENB	EUR	7,8700	7,8700	7,8700			7,8700					
Certificate	DE000CD614W6	EUGBP0.988TS OPENZ	EUR	12,6000	12,6000	12,4500			12,4500					
Certificate	DE000CV8AR73	EUGBP1.028TS OPENZ	EUR	17,1400	17,1400	16,9900			16,9900					
Certificate	NL0011741178	EUGBP1.043TS OPENH	EUR	20,4800	20,4800	20,4800			20,4800					
Certificate	DE000CD614X4	EUGBP1.066TS OPENZ	EUR	21,5600	21,5600	21,4100			21,4100					
Certificate	DE000CR6YL14	EUIPY109.9TL OPENZ	EUR	14,9900	14,9900	14,6550			14,6550					
Certificate	NL0012260491	EUIPY119.6TL OPENB	EUR	8,9700	8,9700	8,9700			8,9700					
Certificate	DE000CD63UA1	EUIPY119.9TL OPENZ	EUR	7,2600	7,2600	6,8950			6,8950					
Certificate	NL0012991962	EUIPY125.5TL OPENB	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	NL0013001191	EUIPY128.5TL OPENB	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	NL0012690242	EUIPY134.8TS OPENB	EUR	6,8700	6,8700	6,8700			6,8700					
Certificate	DE000CB1MY20	EUIPY139.7TS OPENZ	EUR	8,1200	8,5500	8,1200			8,5500					
Certificate	NL0011053186	EUIPY140.5TS OPENH	EUR	11,2600	11,2600	11,2600			11,2600					
Certificate	NL0012497994	EUIPY140.8TS OPENB	EUR	11,6300	11,6300	11,6300			11,6300					
Certificate	DE000CR4H963	EUIPY142.7TS OPENZ	EUR	10,4700	10,9000	10,4700			10,9000					
Certificate	NL0012681712	EUIPY143.8TS OPENB	EUR	14,0000	14,0000	14,0000			14,0000					
Certificate	DE000CR4H971	EUIPY145.7TS OPENZ	EUR	12,7900	13,2300	12,7900			13,2300					
Certificate	DE000CV4ZV64	EUIPY155.7TS OPENZ	EUR	20,5100	20,9800	20,5100			20,9800					
Certificate	DE000CR6YAD7	EUNOK 9.06TL OPENZ	EUR	4,1800	4,9500	4,1800			4,9500					
Certificate	DE000CN6EPU5	EUNOK10.49TS OPENZ	EUR	11,1300	11,1300	10,7600			10,7600					
Certificate	DE000CE6FM71	EUNOK10.99TS OPENZ	EUR	16,4100	16,4100	16,0200			16,0200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0010251971	EUNOK7.861TL OPENB	EUR	19,4250	19,4250	19,4250			19,4250					
Certificate	DE000CR6VAE5	EUNOK8.458TL OPENZ	EUR	10,5500	10,8500	10,5500			10,8500					
Certificate	DE000CR4H9F3	EUNOK8.765TL OPENZ	EUR	7,2950	7,6050	7,2950			7,6050					
Certificate	DE000CR4J9T2	EUNOK9.976TS OPENZ	EUR	5,6800	5,6800	5,3200			5,3200					
Certificate	DE000CE6BEL5	EURAU1.369TL OPENZ	EUR	15,1900	15,1900	15,1800			15,1800					
Certificate	NL0010129599	EURAU1.381TL OPENB	EUR	16,0150	16,0150	16,0150			16,0150					
Certificate	DE000CD62940	EURAU1.421TL OPENZ	EUR	11,9900	11,9900	11,9750			11,9750					
Certificate	DE000CE6C3C4	EURAU1.491TL OPENZ	EUR	7,6300	7,6300	7,6200			7,6200					
Certificate	NL0012500441	EURAU1.529TL OPENB	EUR	6,9950	6,9950	6,9950			6,9950					
Certificate	DE000CV8B359	EURAU1.551TL OPENZ	EUR	3,9300	3,9300	3,9200			3,9200					
Certificate	NL0012993828	EURAU1.557TL OPENB	EUR	5,1800	5,3350	5,1800	725,2000	1	5,3350	140				
Certificate	NL0013006323	EURAU1.583TL OPENB	EUR	3,7350	3,7350	3,7350			3,7350					
Certificate	NL0009485655	EURAU1.659TS OPENB	EUR	5,0350	5,0350	5,0350			5,0350					
Certificate	NL0012993844	EURAU1.689TS OPENB	EUR	6,9050	6,9050	6,9050			6,9050					
Certificate	DE000CR9RNY4	EURAU1.692TS OPENZ	EUR	4,9600	4,9750	4,9600			4,9750					
Certificate	NL0012996656	EURAU1.719TS OPENB	EUR	8,7950	8,7950	8,7950			8,7950					
Certificate	DE000CR9SD50	EURAU1.773TS OPENZ	EUR	10,0000	10,0100	10,0000			10,0100					
Certificate	DE000CV8B1A5	EURAU1.833TS OPENZ	EUR	13,7200	13,7300	13,7200			13,7300					
Certificate	DE000CV896Z0	EURCN6.345TL OPENZ	EUR	7,6900	7,8450	7,6900			7,8450					
Certificate	DE000CV88N19	EURCN6.727TL OPENZ	EUR	15,9100	15,9700	15,9100			15,9700					
Certificate	DE000CE6BR62	EURCN7.235TL OPENZ	EUR	9,5400	9,6000	9,5400			9,6000					
Certificate	DE000CV89V00	EURCN7.729TL OPENZ	EUR	3,3450	3,4100	3,3450			3,4100					
Certificate	DE000CR9SD76	EURCN8.447TS OPENZ	EUR	6,2600	6,2600	6,1900			6,1900					
Certificate	DE000CE6D9N7	EURCN8.945TS OPENZ	EUR	12,5100	12,5100	12,4300			12,4300					
Certificate	DE000CN6K8Q4	EURON 4.8TL OPENZ	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CJ3NVJ0	EURON 3.79TL OPENZ	EUR											
Certificate	DE000CD635W1	EURON 4.33TL OPENZ	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000CD62Z09	EURON 4.66TL OPENZ	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000CD62XT7	EURON 5.08TL OPENZ	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CD62F56	EURON 5.51TL OPENZ	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	NL0012028070	EURON 5.54BL OPENB	EUR	2,4900	2,4900	2,4700			2,4700					
Certificate	DE000CN6KSX0	EURON 5.94TL OPENZ	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	DE000CV87VH5	EURON 6.48TL OPENZ	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	DE000CJ3NVK8	EURON 7.04TL OPENZ	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	NL0013013311	EURON 7.59BL OPENB	EUR	0,4400	0,4400	0,4200			0,4200					
Certificate	DE000CJ3N3K6	EURON 7.64TL OPENZ	EUR											
Certificate	DE000CJ3PDF1	EURON 7.64TL OPENZ	EUR	0,1500	0,1500	0,1500			0,1500					
Certificate	NL0013012784	EURON 7.71TL OPENB	EUR	0,7600	0,7600	0,7400			0,7400					
Certificate	DE000CN6J497	EURON 8.73TS OPENZ	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	DE000CV89MD9	EURON 9.66TS OPENZ	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	DE000CV89L85	EURON10.39TS OPENZ	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000CV8A452	EURON3.786TL OPENZ	EUR											
Certificate	DE000CD625Z4	EURON4.295TL OPENZ	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	DE000CN6HHD1	EURON5.413TL OPENZ	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	DE000CE6EFB7	EURON5.803TL OPENZ	EUR	0,4300	0,4300	0,4200	43000,0000	12	0,4200	100000				
Certificate	NL0012019830	EURON5.834BL OPENB	EUR	2,1900	2,1900	2,1700			2,1700					
Certificate	NL0012996342	EURON6.213TL OPENB	EUR	2,1600	2,1600	2,1400			2,1400					
Certificate	DE000CE6ENN6	EURON6.304TL OPENZ	EUR	0,3200	0,3300	0,3200	47914,0100	18	0,3200	148997				
Certificate	NL0012989610	EURON6.343BL OPENB	EUR	1,6900	1,6900	1,6700			1,6700					
Certificate	NL0012993208	EURON6.468TL OPENB	EUR	1,9200	1,9200	1,9000			1,9000					
Certificate	NL0012990386	EURON6.592BL OPENB	EUR	1,4400	1,4400	1,4200	2840,0000	2	1,4200	2000				
Certificate	NL0012993216	EURON6.718TL OPENB	EUR	1,6900	1,6900	1,6700			1,6700					
Certificate	DE000CV8B2N6	EURON6.802TL OPENZ	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	NL0012990691	EURON6.843BL OPENB	EUR	1,1900	1,1900	1,1700			1,1700					
Certificate	NL0013000680	EURON6.969TL OPENB	EUR	1,4500	1,4500	1,4300			1,4300					
Certificate	NL0013001100	EURON7.092BL OPENB	EUR	0,9400	0,9400	0,9200			0,9200					
Certificate	NL0013003379	EURON7.216TL OPENB	EUR	1,2200	1,2200	1,2000			1,2000					
Certificate	NL0013003635	EURON7.343BL OPENB	EUR	0,6900	0,6900	0,6700			0,6700					
Certificate	DE000CJ3NYZ0	EURON7.347TL OPENZ	EUR	0,1200	0,1200	0,1200			0,1200					
Certificate	NL0013010879	EURON7.462TL OPENB	EUR	0,9900	0,9900	0,9700			0,9700					
Certificate	NL0013008998	EURON7.886BS OPENB	EUR											
Certificate	NL0013010085	EURON8.186TS OPENB	EUR	0,9400	0,9500	0,9400			0,9500					
Certificate	NL0013002207	EURON8.385BS OPENB	EUR	0,5800	0,5900	0,5800			0,5900					
Certificate	DE000CV89S39	EURON8.395TS OPENZ	EUR	0,1100	0,1100	0,1100			0,1100					
Certificate	NL0013004237	EURON8.681TS OPENB	EUR	1,4700	1,4900	1,4700			1,4900					
Certificate	NL0013004757	EURON8.884BS OPENB	EUR	1,0700	1,0900	1,0700			1,0900					
Certificate	NL0013007966	EURON9.185TS OPENB	EUR	2,0200	2,0300	2,0200			2,0300					
Certificate	DE000CN6J067	EURON9.395TS OPENZ	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	NL0012500466	EUTRY 4.95TL OPENB	EUR	28,7700	28,7700	28,7700			28,7700					
Certificate	NL0013012339	EUTRY 7.07TS OPENB	EUR	17,9600	17,9600	17,9600			17,9600					
Certificate	NL0013012347	EUTRY 7.52TS OPENB	EUR	25,4600	25,4600	25,4600			25,4600					
Certificate	NL0013012354	EUTRY 7.97TS OPENB	EUR	32,9500	32,9500	32,9500			32,9500					



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	NL0009409283	EUTRY3.508TL OPENB	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	NL0010131744	EUTRY3.758TL OPENB	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	NL0011904396	EUTRY4.446TL OPENB	EUR	36,0100	36,0100	36,0100			36,0100					
Certificate	NL0012280283	EUTRY4.858TL OPENB	EUR	30,0900	30,0900	30,0900			30,0900					
Certificate	NL0012503643	EUTRY5.006TL OPENB	EUR	27,9700	27,9700	27,9700			27,9700					
Certificate	NL0012510531	EUTRY5.113TL OPENB	EUR	26,4300	26,4300	26,4300			26,4300					
Certificate	NL0012511802	EUTRY5.169TL OPENB	EUR	25,6300	25,6300	25,6300			25,6300					
Certificate	NL0012777064	EUTRY5.211TL OPENB	EUR	25,0400	25,1300	25,0200	1252,0000	1	25,0200	50				
Certificate	NL0012781496	EUTRY5.309TL OPENB	EUR	23,6000	23,6000	23,6000			23,6000					
Certificate	NL0012781876	EUTRY5.374TL OPENB	EUR	22,6800	22,6800	22,6800			22,6800					
Certificate	NL0012791560	EUTRY5.551TL OPENB	EUR	20,1400	20,1400	20,1400			20,1400					
Certificate	NL0012979801	EUTRY5.645TL OPENB	EUR	18,7800	18,7800	18,7800			18,7800					
Certificate	NL0012979819	EUTRY5.709TL OPENB	EUR	17,0100	17,8600	17,0100	1071,6300	1	17,8600	63				
Certificate	NL0012989297	EUTRY6.302TL OPENB	EUR	8,9000	9,3500	8,0500	1332,7500	6	9,3500	155				
Certificate	NL0012990758	EUTRY6.691TL OPENB	EUR											
Certificate	NL0012993950	EUTRY8.424TS OPENB	EUR	40,7200	40,7200	40,7200			40,7200					
Certificate	NL0012989313	EUTRY8.816TS OPENB	EUR	47,2700	47,2700	47,2700			47,2700					
Certificate	DE000CE6CDQ4	EUUSD LEVOPENZ	EUR	9,2950	9,2950	9,1800			9,1800					
Certificate	DE000CE6CDR2	EUUSD SHROPENZ	EUR	4,6970	4,7510	4,6970			4,7510					
Certificate	DE000CXKXKX8	EUUSD 1TL OPENC	EUR	4,4700	4,4700	4,4700			4,4700					
Certificate	DE000CYOABQ1	EUUSD 1TL OPENC	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	NL0013083900	EUUSD 1.TRLOPENH	EUR	12,9800	12,9800	12,9800			12,9800					
Certificate	DE000CYOAHQ8	EUUSD 0.9TL OPENC	EUR	15,3800	15,3800	15,3800			15,3800					
Certificate	DE000CJ3NYP1	EUUSD 1.1SWT0119Z	EUR	8,1300	8,2300	8,1300			8,2300					
Certificate	LU1756999964	EUUSD 1.1TCIOPENS	EUR											
Certificate	LU1816970591	EUUSD 1.1TCIOPENS	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	DE000CJ3NK83	EUUSD 1.1TL 1218Z	EUR	0,4750	0,4750	0,4650			0,4650					
Certificate	DE000CY16ZL1	EUUSD 1.1TL OPENC	EUR											
Certificate	DE000CQ5BB65	EUUSD 1.1TL OPENC	EUR	3,2100	3,2100	3,2100			3,2100					
Certificate	NL0012609648	EUUSD 1.2TL OPENH	EUR											
Certificate	NL0012609382	EUUSD 1.2TRLOPENH	EUR											
Certificate	NL0012861710	EUUSD 1.2TRSOPENH	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	DE000CQ5BBA2	EUUSD 1.2TS OPENC	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	DE000CQ5B212	EUUSD 1.2TS OPENC	EUR	4,5700	4,5700	4,5700			4,5700					
Certificate	DE000VA2T8T0	EUUSD 1.2TS OPENV	EUR	6,7050	6,8250	6,7050			6,8250					
Certificate	LU1695122132	EUUSD 1.3TPIOPENS	EUR											
Certificate	NL0013083793	EUUSD 1.3TRSOPENH	EUR	13,3500	13,3500	13,3500			13,3500					
Certificate	DE000CY52XC0	EUUSD 1.3TS OPENC	EUR	13,0100	13,0100	13,0100			13,0100					
Certificate	NL0012560189	EUUSD 1.3TS OPENH	EUR	13,9500	13,9500	13,9500			13,9500					
Certificate	NL0012906101	EUUSD .847TRLOPENH	EUR	26,3000	26,3000	26,3000			26,3000					
Certificate	DE000CYOAGQ0	EUUSD 0.92TL OPENC	EUR	13,5100	13,5100	13,5100			13,5100					
Certificate	DE000CYOAGF2	EUUSD 0.94TL OPENC	EUR	11,6100	11,6100	11,6100			11,6100					
Certificate	DE000CYOAGQ5	EUUSD 0.95TL OPENC	EUR	10,7000	10,7000	10,7000			10,7000					
Certificate	DE000CYOAGQ7	EUUSD 0.96TL OPENC	EUR	9,7400	9,7400	9,7400			9,7400					
Certificate	DE000CJ3NT27	EUUSD 0.98TL 1218Z	EUR	1,5150	1,5150	1,5150			1,5150					
Certificate	DE000CYOAGC9	EUUSD 0.98TL OPENC	EUR	7,8400	7,8400	7,8400			7,8400					
Certificate	DE000CY50TZ3	EUUSD 0.99TL OPENC	EUR	9,7600	9,7600	9,7600			9,7600					
Certificate	NL0010930905	EUUSD 1.01TL OPENB	EUR	13,7250	13,7250	13,7250			13,7250					
Certificate	DE000CY50TY6	EUUSD 1.01TL OPENC	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	DE000CJ3NT35	EUUSD 1.02TL 1218Z	EUR	1,1750	1,1750	1,1650			1,1650					
Certificate	DE000CX592M1	EUUSD 1.02TL OPENC	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	NL0013083884	EUUSD 1.02TRLOPENH	EUR	11,2200	11,2200	11,2200			11,2200					
Certificate	DE000CY50TX8	EUUSD 1.03TL OPENC	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	DE000VN658J5	EUUSD 1.03TL OPENV	EUR	4,9435	4,9435	4,8265			4,8265					
Certificate	DE000CYOAW11	EUUSD 1.04TL OPENC	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	NL0012102560	EUUSD 1.05BL OPENB	EUR	8,6950	8,6950	8,6950			8,6950					
Certificate	DE000CY16SW3	EUUSD 1.05TL OPENC	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000CY50TW0	EUUSD 1.05TL OPENC	EUR	4,2400	4,2400	4,2400			4,2400					
Certificate	NL0013083688	EUUSD 1.05TRLOPENH	EUR	8,6100	8,6100	8,6100			8,6100					
Certificate	NL0011046560	EUUSD 1.05TRLOPENH	EUR	8,5900	8,5900	8,5900			8,5900					
Certificate	DE000CJ3NK75	EUUSD 1.06TL 1218Z	EUR	0,8250	0,8250	0,8150			0,8150					
Certificate	DE000CY16SX1	EUUSD 1.06TL OPENC	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	NL0013082407	EUUSD 1.06TRLOPENH	EUR	7,7200	7,7200	7,7200			7,7200					
Certificate	DE000CJ3NYQ9	EUUSD 1.07SWT0119Z	EUR	5,8000	6,0400	5,8000			6,0400					
Certificate	DE000CQ5B1Z5	EUUSD 1.07TL OPENC	EUR	4,9900	4,9900	4,9900			4,9900					
Certificate	DE000CY50TV2	EUUSD 1.07TL OPENC	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000CQ5BB40	EUUSD 1.07TL OPENC	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	DE000CQ5BB57	EUUSD 1.08TL OPENC	EUR	4,9900	4,9900	4,9900			4,9900					
Certificate	DE000CQ5AW95	EUUSD 1.09TL OPENC	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	NL0011041421	EUUSD 1.09TL OPENH	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	DE000CY50TT6	EUUSD 1.11TL OPENC	EUR											
Certificate	DE000CQ5AWA0	EUUSD 1.11TL OPENC	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	DE000CR9NZF6	EUUSD 1.11TL OPENZ	EUR	3,4500	3,4500	3,3350			3,3350					
Certificate	NL0012091763	EUUSD 1.11TRLOPENH	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	LU1816970757	EUUSD 1.12TCIOPENS	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	DE000C3NK91	EUUSD 1.12TL 1218Z	EUR	0,2950	0,2950	0,2850			0,2850					
Certificate	DE000CQ58B73	EUUSD 1.12TL OPENC	EUR											
Certificate	DE000CD64DR9	EUUSD 1.12TL OPENZ	EUR	2,5600	2,5600	2,4450			2,4450					
Certificate	NL0012200760	EUUSD 1.12TRLOPENH	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	NL0012794200	EUUSD 1.13BL OPENB	EUR	1,7700	1,7700	1,6750	1416,0000	1	1,6750	800				
Certificate	DE000CJ3NYR7	EUUSD 1.13SWT0119Z	EUR	5,7300	5,7300	5,6000			5,6000					
Certificate	DE000CE6CFLO	EUUSD 1.13TL OPENZ	EUR	1,7150	1,7150	1,6050			1,6050					
Certificate	NL0012793145	EUUSD 1.14BL OPENB	EUR	0,8800	1,0900	0,7850	4559,4000	7	0,7850	4750				
Certificate	DE000CJ3N336	EUUSD 1.14TL 1218Z	EUR	0,1045	0,1045	0,1045			0,1045					
Certificate	NL0012889745	EUUSD 1.14TL OPENH	EUR	1,2800	1,2900	1,0000	2797,0000	4	1,0000	2200				
Certificate	NL0013083843	EUUSD 1.14TRLOPENH	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	DE000CY52996	EUUSD 1.15TL OPENC	EUR											
Certificate	LU1840909532	EUUSD 1.16TPPIOPENS	EUR											
Certificate	NL0013079635	EUUSD 1.16TRSOPEH	EUR											
Certificate	NL0013083835	EUUSD 1.17TRSOPEH	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	DE000CJ3PAW2	EUUSD 1.17TS 1218Z	EUR	0,1650	0,1650	0,1650			0,1650					
Certificate	NL0013006331	EUUSD 1.17TS OPENB	EUR	4,0150	4,0150	4,0150			4,0150					
Certificate	DE000CJ3PCJ5	EUUSD 1.17TS OPENZ	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	NL0013004104	EUUSD 1.18TS OPENB	EUR	4,8100	4,9250	4,8050	1010,1000	1	4,9250	210				
Certificate	NL0012863765	EUUSD 1.19TRSOPEH	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	DE000CJ3NLB8	EUUSD 1.19TS 1218Z	EUR	0,3250	0,3350	0,3250			0,3350					
Certificate	DE000CQ58B99	EUUSD 1.19TS OPENC	EUR	4,5600	4,5600	4,5600			4,5600					
Certificate	DE000CQ58204	EUUSD 1.19TS OPENC	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	NL0012862114	EUUSD 1.19TS OPENH	EUR	4,2500	4,2700	4,2500	8500,0000	1	4,2700	2000				
Certificate	DE000VA3ECE6	EUUSD 1.19TS OPENV	EUR	5,8050	5,9350	5,8050			5,9350					
Certificate	NL0012847610	EUUSD 1.21TRSOPEH	EUR	5,4900	5,4900	5,4900			5,4900					
Certificate	DE000CJ3NLC6	EUUSD 1.21TS 1218Z	EUR	0,4950	0,5050	0,4950			0,5050					
Certificate	DE000CQ58BB0	EUUSD 1.21TS OPENC	EUR	6,3000	6,3000	6,3000			6,3000					
Certificate	DE000CQ58220	EUUSD 1.21TS OPENC	EUR	5,4400	5,4400	5,4400			5,4400					
Certificate	NL0012846638	EUUSD 1.21TS OPENH	EUR	6,0300	6,0300	6,0300			6,0300					
Certificate	DE000VA2T8V6	EUUSD 1.21TS OPENV	EUR	7,5850	7,7150	7,5850			7,7150					
Certificate	DE000CQ5AW20	EUUSD 1.22TS OPENC	EUR	6,1500	6,1500	6,1500			6,1500					
Certificate	DE000CQ5AWC6	EUUSD 1.22TS OPENC	EUR	7,0200	7,0200	7,0200			7,0200					
Certificate	NL0012613632	EUUSD 1.22TS OPENH	EUR	6,8900	6,8900	6,8900			6,8900					
Certificate	DE000VA2T8X2	EUUSD 1.22TS OPENV	EUR	8,4750	8,6050	8,4750			8,6050					
Certificate	NL0012612204	EUUSD 1.23TRSOPEH	EUR	7,2600	7,2600	7,2600			7,2600					
Certificate	DE000CJ3NLD4	EUUSD 1.23TS 1218Z	EUR	0,6650	0,6750	0,6650			0,6750					
Certificate	DE000CQ5AWD4	EUUSD 1.23TS OPENC	EUR	7,8900	7,8900	7,8900			7,8900					
Certificate	DE000CQ5AW38	EUUSD 1.23TS OPENC	EUR	7,0200	7,0200	7,0200			7,0200					
Certificate	DE000VA2T8Z7	EUUSD 1.23TS OPENV	EUR	9,3750	9,5050	9,3750			9,5050					
Certificate	DE000CQ5AWE2	EUUSD 1.24TS OPENC	EUR	8,7600	8,7600	8,7600			8,7600					
Certificate	DE000CQ5AW46	EUUSD 1.24TS OPENC	EUR	7,8900	7,8900	7,8900			7,8900					
Certificate	NL0012609036	EUUSD 1.24TS OPENH	EUR	8,6300	8,6300	8,6300			8,6300					
Certificate	DE000VA2T810	EUUSD 1.24TS OPENV	EUR	10,2550	10,3850	10,2550			10,3850					
Certificate	LU1719404607	EUUSD 1.25TPPIOPENS	EUR											
Certificate	DE000CY50U52	EUUSD 1.25TS OPENC	EUR											
Certificate	DE000CQ5AWF9	EUUSD 1.25TS OPENC	EUR	9,6300	9,6300	9,6300			9,6300					
Certificate	DE000CQ5AW53	EUUSD 1.25TS OPENC	EUR	8,7600	8,7600	8,7600			8,7600					
Certificate	LU1695201944	EUUSD 1.26TPPIOPENS	EUR											
Certificate	DE000VL2FQ76	EUUSD 1.26TS OPENV	EUR	9,6250	9,7550	9,6250			9,7550					
Certificate	LU1695202165	EUUSD 1.27TPPIOPENS	EUR											
Certificate	DE000CJ3NLE2	EUUSD 1.27TS 1218Z	EUR	1,0050	1,0250	1,0050			1,0250					
Certificate	DE000CY50U60	EUUSD 1.27TS OPENC	EUR	10,7600	10,7600	10,7600			10,7600					
Certificate	DE000CY52XF3	EUUSD 1.27TS OPENC	EUR	10,4100	10,4100	10,4100			10,4100					
Certificate	DE000CY52XN7	EUUSD 1.27TS OPENC	EUR	11,2800	11,2800	11,2800			11,2800					
Certificate	NL0012563597	EUUSD 1.27TS OPENH	EUR	11,3300	11,3300	11,3300			11,3300					
Certificate	DE000VL2FQ92	EUUSD 1.27TS OPENV	EUR	10,5050	10,6350	10,5050			10,6350					
Certificate	LU1695202249	EUUSD 1.28TPPIOPENS	EUR											
Certificate	DE000CY16ZQ0	EUUSD 1.28TS OPENC	EUR	10,7000	10,7000	10,7000			10,7000					
Certificate	DE000CY52XE6	EUUSD 1.28TS OPENC	EUR	11,2800	11,2800	11,2800			11,2800					
Certificate	NL001252467	EUUSD 1.28TS OPENH	EUR	12,2100	12,2100	12,2100			12,2100					
Certificate	LU1695202322	EUUSD 1.29TPPIOPENS	EUR											
Certificate	DE000CY52XD8	EUUSD 1.29TS OPENC	EUR	12,1500	12,1500	12,1500			12,1500					
Certificate	DE000CY52XM9	EUUSD 1.29TS OPENC	EUR	13,0100	13,0100	13,0100			13,0100					
Certificate	DE000CY50U78	EUUSD 1.29TS OPENC	EUR	12,4900	12,4900	12,4900			12,4900					
Certificate	DE000CJ3NLF9	EUUSD 1.31TS 1218Z	EUR	1,3550	1,3650	1,3550			1,3650					
Certificate	DE000CY52XB2	EUUSD 1.31TS OPENC	EUR	13,8700	13,8700	13,8700			13,8700					
Certificate	DE000CQ5AWG7	EUUSD 1.31TS OPENC	EUR	14,8500	14,8500	14,8500			14,8500					
Certificate	DE000CY50U86	EUUSD 1.31TS OPENC	EUR	14,2200	14,2200	14,2200			14,2200					



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	NL0013083777	EUUSD 1.32TRSOPENH	EUR	15,0800	15,0800	15,0800			15,0800					
Certificate	DE000CQ5AWH5	EUUSD 1.32TS OPENC	EUR	15,7200	15,7200	15,7200			15,7200					
Certificate	DE000CY52XA4	EUUSD 1.32TS OPENC	EUR	14,7400	14,7400	14,7400			14,7400					
Certificate	NL0013083751	EUUSD 1.33TRSOPENH	EUR	15,9800	15,9800	15,9800			15,9800					
Certificate	DE000CY52X99	EUUSD 1.33TS OPENC	EUR	15,6200	15,6200	15,6200			15,6200					
Certificate	DE000CY50U94	EUUSD 1.34TS OPENC	EUR	16,8200	16,8200	16,8200			16,8200					
Certificate	DE000CY52X81	EUUSD 1.34TS OPENC	EUR	16,4900	16,4900	16,4900			16,4900					
Certificate	DE000CJ3NT43	EUUSD 1.35TS 1218Z	EUR	1,7050	1,7150	1,7050			1,7150					
Certificate	DE000CY52XL1	EUUSD 1.35TS OPENC	EUR	18,2200	18,2200	18,2200			18,2200					
Certificate	DE000CY52X73	EUUSD 1.35TS OPENC	EUR	17,3500	17,3500	17,3500			17,3500					
Certificate	DE000CZ7DV92	EUUSD 1.37TS OPENZ	EUR	19,2300	19,3700	19,2300			19,3700					
Certificate	DE000CV87HE1	EUUSD 1.41TS OPENZ	EUR	22,7100	22,8500	22,7100			22,8500					
Certificate	NL0012907372	EUUSD.8269TRLOPENH	EUR	28,0600	28,0600	28,0600			28,0600					
Certificate	NL0012904478	EUUSD.9177TRLOPENH	EUR	20,1600	20,1600	20,1600			20,1600					
Certificate	NL0012906085	EUUSD.9421TRLOPENH	EUR	18,0300	18,0300	18,0300			18,0300					
Certificate	NL0012898886	EUUSD.9586TRLOPENH	EUR	16,5700	16,5700	16,5700			16,5700					
Certificate	NL0012904460	EUUSD.9879TRLOPENH	EUR	14,0300	14,0300	14,0300			14,0300					
Certificate	NL0013083918	EUUSD.9951TRLOPENH	EUR	13,4000	13,4000	13,4000			13,4000					
Certificate	NL0012089304	EUUSD0.813TL OPENH	EUR	29,4400	29,4400	29,4400			29,4400					
Certificate	NL0012089296	EUUSD0.823TL OPENH	EUR	28,5600	28,5600	28,5600			28,5600					
Certificate	NL0012091367	EUUSD0.845TL OPENH	EUR	26,6300	26,6300	26,6300			26,6300					
Certificate	NL0011593496	EUUSD0.849TL OPENH	EUR	27,0300	27,0300	27,0300			27,0300					
Certificate	NL0012852255	EUUSD0.866TL OPENH	EUR	24,8500	24,8500	24,8500			24,8500					
Certificate	NL0012898902	EUUSD0.873TRLOPENH	EUR	24,0100	24,0100	24,0100			24,0100					
Certificate	NL0012852222	EUUSD0.891TL OPENH	EUR	22,6500	22,6500	22,6500			22,6500					
Certificate	NL0012906093	EUUSD0.897TRLOPENH	EUR	21,9300	21,9300	21,9300			21,9300					
Certificate	NL0012852180	EUUSD0.911TL OPENH	EUR	20,9100	20,9100	20,9100			20,9100					
Certificate	DE000CV8ATU1	EUUSD0.926TL OPENZ	EUR	19,4300	19,4300	19,3400			19,3400					
Certificate	NL0011231253	EUUSD0.932TL OPENH	EUR	19,8600	19,8600	19,8600			19,8600					
Certificate	NL0012107593	EUUSD0.937TL OPENB	EUR	19,9550	19,9550	19,9550			19,9550					
Certificate	NL0012852156	EUUSD0.937TL OPENH	EUR	18,6500	18,6500	18,6500			18,6500					
Certificate	NL0012852123	EUUSD0.962TL OPENH	EUR	16,4700	16,4700	16,4700			16,4700					
Certificate	DE000CD64DQ1	EUUSD0.967TL OPENZ	EUR	15,8600	15,8600	15,7600			15,7600					
Certificate	NL0012091342	EUUSD0.984TL OPENH	EUR	14,6200	14,6200	14,6200			14,6200					
Certificate	DE000CR6YKU0	EUUSD0.999TL OPENZ	EUR	13,1200	13,1200	13,0150			13,0150					
Certificate	LU1756896566	EUUSD1.001TCIOPENS	EUR											
Certificate	NL0012089197	EUUSD1.005TL OPENH	EUR	12,7800	12,7800	12,7800			12,7800					
Certificate	NL0013083892	EUUSD1.005TRLOPENH	EUR	12,5300	12,5300	12,5300			12,5300					
Certificate	NL0012898860	EUUSD1.014TRLOPENH	EUR	11,7600	11,7600	11,7600			11,7600					
Certificate	NL0012089189	EUUSD1.015TL OPENH	EUR	11,8700	11,8700	11,8700			11,8700					
Certificate	DE000CV8ATV9	EUUSD1.018TL OPENZ	EUR	11,4300	11,4300	11,3300			11,3300					
Certificate	NL0012852057	EUUSD1.024TL OPENH	EUR	11,1300	11,1300	11,1300			11,1300					
Certificate	NL0013083876	EUUSD1.025TRLOPENH	EUR	10,7900	10,7900	10,7900			10,7900					
Certificate	NL0012852040	EUUSD1.029TL OPENH	EUR	10,6900	10,6900	10,6900			10,6900					
Certificate	LU1756896723	EUUSD1.031TCIOPENS	EUR											
Certificate	NL0013078199	EUUSD1.031TRLOPENH	EUR	10,2800	10,2800	10,2800			10,2800					
Certificate	DE000VN66LF1	EUUSD1.038TL OPENV	EUR	4,5085	4,5085	4,3905			4,3905					
Certificate	DE000CR6YKV8	EUUSD1.039TL OPENZ	EUR	9,6200	9,6200	9,5100			9,5100					
Certificate	NL0012903892	EUUSD1.041TL OPENH	EUR	9,5900	9,5900	9,5900			9,5900					
Certificate	DE000VN66LH7	EUUSD1.043TL OPENV	EUR	4,0385	4,0385	3,9215			3,9215					
Certificate	NL0012904452	EUUSD1.043TRLOPENH	EUR	9,2500	9,2500	9,2500			9,2500					
Certificate	DE000VN66LK1	EUUSD1.048TL OPENV	EUR	3,5795	3,5795	3,4605			3,4605					
Certificate	DE000CD646V0	EUUSD1.049TL OPENZ	EUR	8,7600	8,7600	8,6600			8,6600					
Certificate	NL0012896047	EUUSD1.053TL OPENH	EUR	8,5100	8,5100	8,5100			8,5100					
Certificate	DE000VN66LL9	EUUSD1.053TL OPENV	EUR	3,1205	3,1205	3,0015			3,0015					
Certificate	NL0013084692	EUUSD1.055TRLOPENH	EUR	8,1900	8,1900	8,1900			8,1900					
Certificate	NL0010930921	EUUSD1.056TL OPENB	EUR	9,8050	9,8050	9,8050			9,8050					
Certificate	DE000VN66LA2	EUUSD1.056TL OPENV	EUR	4,7345	4,7345	4,6175			4,6175					
Certificate	NL0012089130	EUUSD1.058TL OPENH	EUR	8,1300	8,1300	8,1300			8,1300					
Certificate	DE000CR6YKW6	EUUSD1.059TL OPENZ	EUR	7,8750	7,8750	7,7650			7,7650					
Certificate	NL0011421037	EUUSD1.059TRLOPENH	EUR	8,0200	8,0200	7,8000	118,9800	3	7,8000	15				
Certificate	LU1756897028	EUUSD1.061TCIOPENS	EUR											
Certificate	DE000VN66LC8	EUUSD1.061TL OPENV	EUR	4,2645	4,2645	4,1465			4,1465					
Certificate	NL0011046172	EUUSD1.063TRLOPENH	EUR											
Certificate	NL0011041371	EUUSD1.064TL OPENH	EUR											
Certificate	DE000VN66RJ0	EUUSD1.064TL OPENV	EUR	2,2275	2,2275	2,1085			2,1085					
Certificate	NL0013083850	EUUSD1.065TRLOPENH	EUR	7,3000	7,3000	7,3000			7,3000					
Certificate	DE000VN66Q50	EUUSD1.066TL OPENV	EUR	3,9345	3,9345	3,8175			3,8175					
Certificate	NL0011046925	EUUSD1.067TL OPENH	EUR	8,2700	8,2700	8,2700			8,2700					
Certificate	NL0012852008	EUUSD1.069TL OPENH	EUR	7,2600	7,2600	7,1700	3630,0000	1	7,1700	500				
Certificate	DE000VN66RK8	EUUSD1.069TL OPENV	EUR	1,7765	1,7765	1,6575			1,6575					
Certificate	DE000CD63UB9	EUUSD1.069TL OPENZ	EUR	7,0000	7,0000	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	DE000VN66Q76	EUUSD1.071TL OPENV	EUR	3,4665	3,4665	3,3485			3,3485					
Certificate	NL0012198253	EUUSD1.071TRLOPENH	EUR	6,7900	6,7900	6,7900			6,7900					
Certificate	DE000VN66RL6	EUUSD1.074TL OPENV	EUR	1,3175	1,3175	1,1975	64,0000	1	1,1975	50				
Certificate	NL0012089114	EUUSD1.075TL OPENH	EUR	6,7400	6,7400	6,7400			6,7400					
Certificate	DE000VASRER1	EUUSD1.076TL OPENV	EUR	5,6750	5,6750	5,5550			5,5550					
Certificate	DE000VN66Q92	EUUSD1.076TL OPENV	EUR	3,0325	3,0325	2,9135			2,9135					
Certificate	DE000VASREM2	EUUSD1.077TL OPENV	EUR	7,4550	7,4550	7,3450			7,3450					
Certificate	NL0012178131	EUUSD1.077TRLOPENH	EUR	6,2500	6,2500	6,2500			6,2500					
Certificate	NL0012102545	EUUSD1.078TL OPENB	EUR	7,8550	7,8550	7,8550			7,8550					
Certificate	NL0012851992	EUUSD1.079TL OPENH	EUR	6,3000	6,3000	6,3000			6,3000					
Certificate	LU1756897374	EUUSD1.081TCIOPENS	EUR											
Certificate	DE000CR6Y9Y1	EUUSD1.081TL OPENZ	EUR	5,9300	5,9300	5,8200			5,8200					
Certificate	DE000VASRENO	EUUSD1.082TL OPENV	EUR	7,0250	7,0250	6,9050			6,9050					
Certificate	NL0012178123	EUUSD1.082TRLOPENH	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	DE000VASREP5	EUUSD1.087TL OPENV	EUR	6,5950	6,5950	6,4850			6,4850					
Certificate	NL0012095228	EUUSD1.088TRLOPENH	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	DE000CV8A2R8	EUUSD1.089TL OPENZ	EUR	5,2500	5,2500	5,1400			5,1400					
Certificate	DE000VASREQ3	EUUSD1.092TL OPENV	EUR	6,1650	6,1650	6,0550			6,0550					
Certificate	NL0012094981	EUUSD1.094TRLOPENH	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	NL0012851976	EUUSD1.095TL OPENH	EUR	4,9600	4,9600	4,9300	9920,0000	1	4,9300	2000				
Certificate	DE000VA4Y147	EUUSD1.097TL OPENV	EUR	5,6550	5,6550	5,5450			5,5450					
Certificate	DE000CN6G9M7	EUUSD1.099TL OPENZ	EUR	4,3650	4,3650	4,2550			4,2550					
Certificate	NL0010930947	EUUSD1.101TL OPENB	EUR	5,8850	5,8850	5,8850			5,8850					
Certificate	NL0012089072	EUUSD1.101TL OPENH	EUR	4,5500	4,5500	4,4400	99490,0000	9	4,4400	22000				
Certificate	NL0012176713	EUUSD1.101TRLOPENH	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	NL0012176697	EUUSD1.103TRLOPENH	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	DE000CV8AVK8	EUUSD1.104TL OPENZ	EUR	3,9300	3,9300	3,8150			3,8150					
Certificate	NL0011081849	EUUSD1.105BL OPENB	EUR	4,1200	4,3000	3,9150	8003,0000	5	3,9150	1970				
Certificate	LU1816970674	EUUSD1.105TCIOPENS	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	NL0012176663	EUUSD1.107TRLOPENH	EUR	3,6300	3,6300	3,6300			3,6300					
Certificate	NL0012176655	EUUSD1.108TRLOPENH	EUR	3,6100	3,7700	3,5400	66,4200	2	3,5400	18				
Certificate	NL0012089056	EUUSD1.111TL OPENH	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	NL0012105050	EUUSD1.112TL OPENB	EUR	4,9950	4,9950	4,9950			4,9950					
Certificate	NL0012195689	EUUSD1.112TRLOPENH	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	NL0012988794	EUUSD1.113BL OPENB	EUR	3,4500	3,5100	3,1450	192,7500	2	3,1450	55				
Certificate	NL0012195887	EUUSD1.113TL OPENH	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	NL0012195671	EUUSD1.113TRLOPENH	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	NL0012195879	EUUSD1.114TL OPENH	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	DE000CV8ATW7	EUUSD1.114TL OPENZ	EUR	3,0550	3,0550	2,9400			2,9400					
Certificate	NL0012195663	EUUSD1.114TRLOPENH	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	NL0012089049	EUUSD1.116TL OPENH	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	DE000VAGT153	EUUSD1.116TL OPENV	EUR	2,6785	2,6785	2,5585			2,5585					
Certificate	NL0012091755	EUUSD1.116TRLOPENH	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	NL0012095210	EUUSD1.117TRLOPENH	EUR	2,8300	2,8300	2,8300			2,8300					
Certificate	NL0012200794	EUUSD1.117TRLOPENH	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	NL0012033740	EUUSD1.118BL OPENB	EUR	2,8200	3,0400	2,7350	1562,0000	2	2,7350	550				
Certificate	NL0012174015	EUUSD1.118TL OPENH	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	NL0012200778	EUUSD1.119TRLOPENH	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	NL0012201255	EUUSD1.121TL OPENH	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	NL0012119473	EUUSD1.122TL OPENB	EUR	4,1450	4,1450	4,1450			4,1450					
Certificate	DE000CV8APC7	EUUSD1.124TL OPENZ	EUR	2,1850	2,1850	2,0750			2,0750					
Certificate	NL0013007495	EUUSD1.125BL OPENB	EUR	2,1150	2,1150	2,1150			2,1150					
Certificate	LU1816970831	EUUSD1.125TCIOPENS	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	NL0012938963	EUUSD1.125TL OPENH	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	NL0012212872	EUUSD1.126TL OPENH	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	NL0012212716	EUUSD1.126TRLOPENH	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	NL0012212690	EUUSD1.128TRLOPENH	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	NL0012212849	EUUSD1.129TL OPENH	EUR	2,2200	2,2600	1,9600	40060,0000	7	1,9600	18000				
Certificate	NL0012212682	EUUSD1.129TRLOPENH	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	NL0012260954	EUUSD1.131TL OPENB	EUR	3,3250	3,3250	3,3250			3,3250					
Certificate	NL0012938922	EUUSD1.131TL OPENH	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	NL0013079825	EUUSD1.131TRLOPENH	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	DE000VASRNM3	EUUSD1.132TL OPENV	EUR	0,8925	0,8925	0,7725			0,7725					
Certificate	NL0012214407	EUUSD1.133TL OPENH	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	NL0012907364	EUUSD1.133TRLOPENH	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000CV8AZY0	EUUSD1.134TL OPENZ	EUR	1,3350	1,3350	1,2200			1,2200					
Certificate	NL0012988430	EUUSD1.135BL OPENB	EUR	1,3300	1,3300	1,2550	133,0000	1	1,2550	100				
Certificate	NL0012238505	EUUSD1.135TRLOPENH	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	NL0012224373	EUUSD1.136TL OPENH	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	DE000VASRNI9	EUUSD1.136TL OPENV	EUR	2,4955	2,4955	2,3755			2,3755					
Certificate	NL0012238497	EUUSD1.136TRLOPENH	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000VASRNN1	EUUSD1.137TL OPENV	EUR	0,4595	0,5965	0,3385	578,3200	4	0,3385	1125				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012238489	EUUSD1.137TRLOPENH	EUR	1,1000	1,1000	1,0000	165,0000	1	1,0000	150				
Certificate	NL0012889760	EUUSD1.138TL OPENH	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	DE000C3N138	EUUSD1.139TL OPENZ	EUR	0,9150	0,9150	0,9150			0,9150					
Certificate	NL0013082928	EUUSD1.139TRLOPENH	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	NL0012991095	EUUSD1.141TL OPENB	EUR	2,6100	2,6100	2,5450	522,0000	1	2,5450	200				
Certificate	NL0012889497	EUUSD1.142TRLOPENH	EUR	0,7000	1,0000	0,6300	3164,0000	3	0,6300	3500				
Certificate	NL0012889711	EUUSD1.143TL OPENH	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	NL0013082399	EUUSD1.143TRLOPENH	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	DE000C3N328	EUUSD1.144TL OPENZ	EUR	0,4900	0,6600	0,4900	194,2700	2	0,6600	308				
Certificate	NL0013082597	EUUSD1.145TL OPENH	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	NL0013082381	EUUSD1.145TRLOPENH	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	LU1841026500	EUUSD1.146TCIOPENB	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	NL0012991103	EUUSD1.146TL OPENB	EUR	2,1250	2,1250	2,1250			2,1250					
Certificate	NL0013010705	EUUSD1.147TL OPENB	EUR	2,0250	2,0250	2,0250			2,0250					
Certificate	NL0013082373	EUUSD1.147TRLOPENH	EUR	0,2800	0,2800	0,1400	96,0000	2	0,1400	400				
Certificate	NL0013079643	EUUSD1.159TRSOPENH	EUR											
Certificate	NL0012970065	EUUSD1.161TL OPENB	EUR											
Certificate	NL0013079627	EUUSD1.161TRSOPENH	EUR											
Certificate	NL0013079619	EUUSD1.162TRSOPENH	EUR											
Certificate	NL0013080054	EUUSD1.162TS OPENH	EUR											
Certificate	NL0012907356	EUUSD1.164TRSOPENH	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	NL0012907570	EUUSD1.164TS OPENH	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	DE000C3N2Q6	EUUSD1.164TS OPENZ	EUR	1,3250	1,4450	1,1000	11828,9600	10	1,4450	9499				
Certificate	NL0012907349	EUUSD1.166TRSOPENH	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	DE000VA7PVC7	EUUSD1.166TS OPENV	EUR	3,5545	3,6795	3,5545			3,6795					
Certificate	NL0013084684	EUUSD1.167TRSOPENH	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	NL0012907562	EUUSD1.167TS OPENH	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	NL0012906366	EUUSD1.169TRSOPENH	EUR	1,8000	1,9400	1,8000	270,0000	1	1,9400	150				
Certificate	NL0012906689	EUUSD1.169TS OPENH	EUR	2,3400	2,3900	2,1500	1132,0000	2	2,3900	500				
Certificate	LU1840909615	EUUSD1.171TPIOPENB	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	DE000VA7PVD5	EUUSD1.171TS OPENV	EUR	3,9965	4,1225	3,9965			4,1225					
Certificate	NL0013078181	EUUSD1.172TRSOPENH	EUR	2,0800	2,2000	2,0800	10400,0000	1	2,2000	5000				
Certificate	NL0013081672	EUUSD1.172TS OPENH	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	NL0013083827	EUUSD1.173TRSOPENH	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	NL0012906267	EUUSD1.174TS OPENH	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	DE000VA7PU92	EUUSD1.174TS OPENV	EUR	2,2275	2,3505	2,2275			2,3505					
Certificate	DE000C3NVW3	EUUSD1.174TS OPENZ	EUR	2,2150	2,3350	2,2150			2,3350					
Certificate	NL0012905723	EUUSD1.175TRSOPENH	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	NL0013083819	EUUSD1.176TRSOPENH	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	NL0012905863	EUUSD1.176TS OPENH	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	NL0012907059	EUUSD1.176TS OPENH	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	DE000VA640R1	EUUSD1.176TS OPENV	EUR	4,4485	4,5735	4,4485			4,5735					
Certificate	NL0013083801	EUUSD1.177TRSOPENH	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	NL0013084676	EUUSD1.178TRSOPENH	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	NL0012906259	EUUSD1.178TS OPENH	EUR	3,2100	3,2100	3,2100			3,2100					
Certificate	DE000CV8A2T4	EUUSD1.178TS OPENZ	EUR											
Certificate	NL0012905715	EUUSD1.179TRSOPENH	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000VA640P5	EUUSD1.179TS OPENV	EUR	2,6695	2,7935	2,6695			2,7935					
Certificate	DE000C3NVX1	EUUSD1.179TS OPENZ	EUR	2,6500	2,7700	2,6500			2,7700					
Certificate	NL0013004336	EUUSD1.181BS OPENB	EUR	2,9200	3,0050	2,6700	2252,6000	3	3,0050	780				
Certificate	DE000VA64Y40	EUUSD1.181TS OPENV	EUR	4,8915	5,0150	4,8915			5,0150					
Certificate	NL0013082365	EUUSD1.182TRSOPENH	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	LU1840909706	EUUSD1.183TPIOPENB	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	NL0012915508	EUUSD1.183TS OPENH	EUR	3,3300	3,6500	3,3100	66480,0000	8	3,6500	20000				
Certificate	NL0012915953	EUUSD1.184TRSOPENH	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	NL0012920862	EUUSD1.184TS OPENH	EUR	3,7300	3,7300	3,7300			3,7300					
Certificate	DE000VA4Y121	EUUSD1.184TS OPENV	EUR	3,0935	3,2185	3,0935			3,2185					
Certificate	DE000CV8AJ16	EUUSD1.184TS OPENZ	EUR	3,0900	3,2100	3,0900			3,2100					
Certificate	NL0012915946	EUUSD1.185TRSOPENH	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	NL0012915490	EUUSD1.185TS OPENH	EUR	3,4300	3,8000	3,4100	34210,0000	5	3,8000	10000				
Certificate	DE000VA3ECD8	EUUSD1.185TS OPENV	EUR	5,3650	5,4850	5,3650			5,4850					
Certificate	NL0012922280	EUUSD1.186TS OPENH	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	LU175699378	EUUSD1.187TPIOPENB	EUR	3,2600	3,2600	3,2600	9780,0000	2	3,2600	3000				
Certificate	NL0012902639	EUUSD1.187TRSOPENH	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	NL0012862148	EUUSD1.187TS OPENH	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	NL0012862130	EUUSD1.188TS OPENH	EUR	4,0700	4,0900	4,0700	8140,0000	1	4,0900	2000				
Certificate	DE000VA15U51	EUUSD1.188TS OPENV	EUR	3,5275	3,6525	3,5275			3,6525					
Certificate	NL0012922843	EUUSD1.189TRSOPENH	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	NL0012863773	EUUSD1.189TRSOPENH	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	NL0012862122	EUUSD1.189TS OPENH	EUR	4,1500	4,1900	4,1500	8300,0000	1	4,1900	2000				
Certificate	DE000CV89254	EUUSD1.189TS OPENZ	EUR	3,5250	3,6450	3,5200	3520,0000	1	3,6450	1000				
Certificate	NL0012792535	EUUSD1.191BS OPENB	EUR	3,7200	3,8750	3,7200	11,1600	1	3,8750	3				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012863757	EUUSD1.191TRSOPENH	EUR	3,5000	3,8600	3,5000	276,8900	5	3,8600	77				
Certificate	NL0012792659	EUUSD1.191TS OPENB	EUR	5,8350	5,8350	5,8350			5,8350					
Certificate	LU1756999535	EUUSD1.192TPIOPENB	EUR											
Certificate	NL0012863740	EUUSD1.192TRSOPENH	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	NL0012863948	EUUSD1.192TS OPENH	EUR	4,4100	4,4400	4,4100	8820,0000	1	4,4400	2000				
Certificate	NL0012863930	EUUSD1.193TS OPENH	EUR	4,5300	4,5300	4,5300			4,5300					
Certificate	DE000VA15U69	EUUSD1.193TS OPENV	EUR	3,9605	4,0865	3,9605			4,0865					
Certificate	NL0012863724	EUUSD1.194TRSOPENH	EUR	4,1300	4,1300	4,1300			4,1300					
Certificate	NL0012863922	EUUSD1.194TS OPENH	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	DE000CV8A0Y8	EUUSD1.194TS OPENZ	EUR	3,9700	4,0900	3,9700			4,0900					
Certificate	NL0012862379	EUUSD1.195TS OPENH	EUR	4,7100	4,7100	4,7100			4,7100					
Certificate	NL0012861884	EUUSD1.196TS OPENH	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	DE000VA6T126	EUUSD1.196TS OPENV	EUR	6,2350	6,3550	6,2350			6,3550					
Certificate	LU1756999709	EUUSD1.197TPIOPENB	EUR											
Certificate	NL0012863260	EUUSD1.197TRSOPENH	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	NL0012861876	EUUSD1.197TS OPENH	EUR	4,8800	4,8800	4,8800			4,8800					
Certificate	NL0012861868	EUUSD1.198TS OPENH	EUR	4,8500	4,9700	4,6400	9751,2900	12	4,9700	2011				
Certificate	DE000VA15U85	EUUSD1.198TS OPENV	EUR	4,3955	4,5215	4,3955			4,5215					
Certificate	NL0012609655	EUUSD1.199TL OPENH	EUR											
Certificate	NL0012609390	EUUSD1.199TRLOPENH	EUR											
Certificate	NL0012861728	EUUSD1.199TRSOPENH	EUR	4,5600	4,5600	4,5600			4,5600					
Certificate	NL0012861850	EUUSD1.199TS OPENH	EUR	5,0000	5,0600	5,0000	5000,0000	1	5,0600	1000				
Certificate	DE000CV88WC2	EUUSD1.199TS OPENZ	EUR	4,4100	4,5300	4,4100			4,5300					
Certificate	NL0012791339	EUUSD1.201BS OPENB	EUR	4,7450	4,7450	4,7450			4,7450					
Certificate	NL0012552699	EUUSD1.201TL OPENH	EUR											
Certificate	NL0012790372	EUUSD1.201TS OPENB	EUR	6,6000	6,7350	6,6000	4950,0000	1	6,7350	750				
Certificate	NL0012849327	EUUSD1.201TS OPENH	EUR	5,1100	5,2300	5,1100	10475,5000	2	5,2300	2050				
Certificate	NL0012609093	EUUSD1.202TL OPENH	EUR											
Certificate	LU1756856859	EUUSD1.202TPIOPENB	EUR											
Certificate	NL0012608897	EUUSD1.202TRLOPENH	EUR											
Certificate	NL0012861694	EUUSD1.202TRSOPENH	EUR	4,8200	4,8200	4,8200			4,8200					
Certificate	NL0012849319	EUUSD1.202TS OPENH	EUR	5,2000	5,3200	5,2000	10400,0000	1	5,3200	2000				
Certificate	NL0012584585	EUUSD1.203TL OPENH	EUR											
Certificate	DE000VA15RK2	EUUSD1.203TS OPENV	EUR	4,8305	4,9575	4,8305			4,9575					
Certificate	NL0012609085	EUUSD1.204TL OPENH	EUR											
Certificate	NL0012554711	EUUSD1.204TRLOPENH	EUR											
Certificate	NL0012850994	EUUSD1.204TRSOPENH	EUR	5,0000	5,0000	5,0000			5,0000					
Certificate	NL0012848022	EUUSD1.204TS OPENH	EUR	5,3700	5,4700	5,3700	10740,0000	1	5,4700	2000				
Certificate	DE000CV8A0Z5	EUUSD1.204TS OPENZ	EUR	4,8400	4,9650	4,8400			4,9650					
Certificate	NL0012585277	EUUSD1.205TL OPENH	EUR											
Certificate	NL0012848014	EUUSD1.205TS OPENH	EUR	5,4600	5,5800	5,4600	10920,0000	1	5,5800	2000				
Certificate	DE000VA2T8U8	EUUSD1.205TS OPENV	EUR	7,1450	7,2750	7,1450			7,2750					
Certificate	NL0012585814	EUUSD1.206TRLOPENH	EUR											
Certificate	NL0012848295	EUUSD1.206TRSOPENH	EUR	5,1600	5,1600	5,1600			5,1600					
Certificate	NL0012847065	EUUSD1.206TS OPENH	EUR	5,5500	5,6700	5,5500	11100,0000	1	5,6700	2000				
Certificate	NL0012847057	EUUSD1.207TS OPENH	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	NL0012847040	EUUSD1.208TS OPENH	EUR	5,7200	5,8400	5,7200	51480,0000	1	5,8400	9000				
Certificate	DE000VA15RM8	EUUSD1.208TS OPENV	EUR	5,2750	5,4050	5,2750			5,4050					
Certificate	LU1756401268	EUUSD1.209TPIOPENB	EUR											
Certificate	NL0012847032	EUUSD1.209TS OPENH	EUR	5,9300	5,9300	5,9300			5,9300					
Certificate	DE000CV88N27	EUUSD1.209TS OPENZ	EUR	5,2700	5,4000	5,2700			5,4000					
Certificate	NL0012788178	EUUSD1.211BS OPENB	EUR	5,6150	5,6150	5,6150			5,6150					
Certificate	NL0012788442	EUUSD1.211TS OPENB	EUR	7,6350	7,6350	7,6350			7,6350					
Certificate	NL0012846620	EUUSD1.211TS OPENH	EUR	6,0900	6,0900	6,0900			6,0900					
Certificate	NL0012615553	EUUSD1.213TS OPENH	EUR	6,2900	6,2900	6,2900			6,2900					
Certificate	DE000VA2T5Y6	EUUSD1.213TS OPENV	EUR	5,7050	5,8250	5,7050			5,8250					
Certificate	NL0012520126	EUUSD1.214TRSOPENH	EUR											
Certificate	NL0012615777	EUUSD1.214TRSOPENH	EUR	5,8700	5,8700	5,8700			5,8700					
Certificate	DE000CV8A104	EUUSD1.214TS OPENZ	EUR	5,7100	5,8300	5,7100			5,8300					
Certificate	NL0012613673	EUUSD1.215TS OPENH	EUR	6,4600	6,4600	6,4600			6,4600					
Certificate	DE000VA2T8W4	EUUSD1.215TS OPENV	EUR	8,0350	8,1650	8,0350			8,1650					
Certificate	NL0012612675	EUUSD1.218TRSOPENH	EUR	6,2100	6,2100	6,2100			6,2100					
Certificate	DE000VA12DX3	EUUSD1.218TS OPENV	EUR	6,1450	6,2750	6,1450			6,2750					
Certificate	LU1756401342	EUUSD1.219TPIOPENB	EUR											
Certificate	DE000CV88KW5	EUUSD1.219TS OPENZ	EUR	6,1500	6,2700	6,1500			6,2700					
Certificate	NL0012786347	EUUSD1.221BS OPENB	EUR	6,4850	6,4850	6,4850			6,4850					
Certificate	NL0012786545	EUUSD1.221TS OPENB	EUR	8,5350	8,5350	8,5350			8,5350					
Certificate	NL0012615546	EUUSD1.223TS OPENH	EUR	7,1700	7,1700	7,1700			7,1700					
Certificate	DE000VA12DZ8	EUUSD1.223TS OPENV	EUR	6,5750	6,7050	6,5750			6,7050					
Certificate	NL0012611545	EUUSD1.224TS OPENH	EUR	7,2500	7,2500	7,2500			7,2500					
Certificate	DE000CJ3NRS9	EUUSD1.224TS OPENZ	EUR	6,5800	6,7000	6,5800			6,7000					
Certificate	DE000VA2T8Y0	EUUSD1.225TS OPENV	EUR	8,9250	9,0550	8,9250			9,0550					



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	NL0012612634	EUUSD1.226TRSOPENH	EUR	6,9200	6,9200	6,9200			6,9200					
Certificate	NL0012611503	EUUSD1.228TS OPENH	EUR	7,6000	7,6000	7,6000			7,6000					
Certificate	DE000VA1ZD14	EUUSD1.228TS OPENV	EUR	7,0150	7,1450	7,0150			7,1450					
Certificate	LU1756820665	EUUSD1.229TPIOPENH	EUR											
Certificate	DE000CV88K04	EUUSD1.229TS OPENZ	EUR	7,0100	7,1400	7,0100			7,1400					
Certificate	NL0012786354	EUUSD1.231BS OPENB	EUR	7,3450	7,3450	7,3450			7,3450					
Certificate	NL0012785588	EUUSD1.231TS OPENB	EUR	9,4250	9,4250	9,4250			9,4250					
Certificate	NL0012611065	EUUSD1.232TS OPENH	EUR	7,9500	7,9500	7,9500			7,9500					
Certificate	DE000VA1ZD30	EUUSD1.233TS OPENV	EUR	7,4450	7,5750	7,2800	291,2000	1	7,5750	40				
Certificate	NL0012611248	EUUSD1.234TRSOPENH	EUR	7,6200	7,6200	7,6200			7,6200					
Certificate	DE000VA2T802	EUUSD1.235TS OPENV	EUR	9,8150	9,9450	9,8150			9,9450					
Certificate	NL0012609614	EUUSD1.236TS OPENH	EUR	8,2800	8,2800	8,2800			8,2800					
Certificate	NL0012609366	EUUSD1.238TRSOPENH	EUR	7,9400	7,9400	7,9400			7,9400					
Certificate	DE000VA1ZD55	EUUSD1.238TS OPENV	EUR	7,8850	8,0150	7,8850			8,0150					
Certificate	LU1756820822	EUUSD1.239TPIOPENH	EUR											
Certificate	DE000CV88H33	EUUSD1.239TS OPENZ	EUR	7,8900	8,0100	7,8900			8,0100					
Certificate	NL0012784540	EUUSD1.241TS OPENB	EUR	10,3150	10,3150	10,3150			10,3150					
Certificate	NL0012609028	EUUSD1.241TS OPENH	EUR	8,7100	8,7100	8,7100			8,7100					
Certificate	NL0012608863	EUUSD1.242TRSOPENH	EUR	8,2900	8,2900	8,2900			8,2900					
Certificate	NL0012600969	EUUSD1.245TS OPENH	EUR	9,0700	9,0700	9,0700			9,0700					
Certificate	DE000VA2T828	EUUSD1.245TS OPENV	EUR	10,6950	10,8250	10,6950			10,8250					
Certificate	NL0012602163	EUUSD1.246TRSOPENH	EUR	8,6700	8,6700	8,6700			8,6700					
Certificate	NL0012600951	EUUSD1.246TS OPENH	EUR	9,1800	9,1800	9,1800			9,1800					
Certificate	NL0012600688	EUUSD1.247TRSOPENH	EUR	8,7500	8,7500	8,7500			8,7500					
Certificate	NL0012600936	EUUSD1.248TS OPENH	EUR	9,3500	9,3500	9,3500			9,3500					
Certificate	DE000VA1S524	EUUSD1.248TS OPENV	EUR	8,7550	8,8850	8,7550			8,8850					
Certificate	DE000CV886D8	EUUSD1.249TS OPENZ	EUR	8,7000	8,8300	8,7000			8,8300					
Certificate	NL0012677231	EUUSD1.251BS OPENB	EUR	9,0850	9,0850	9,0850			9,0850					
Certificate	NL0012600647	EUUSD1.251TRSOPENH	EUR	9,1200	9,1200	9,1200			9,1200					
Certificate	NL0012581888	EUUSD1.253TS OPENH	EUR	9,7700	9,7700	9,7700			9,7700					
Certificate	DE000VA1S532	EUUSD1.253TS OPENV	EUR	9,1850	9,3250	9,1850			9,3250					
Certificate	LU1719404789	EUUSD1.255TPIOPENH	EUR											
Certificate	NL0012582050	EUUSD1.255TRSOPENH	EUR	9,4700	9,4700	9,4700			9,4700					
Certificate	NL0012605372	EUUSD1.256TS OPENH	EUR	10,0300	10,0300	10,0300			10,0300					
Certificate	NL0012582043	EUUSD1.257TRSOPENH	EUR	9,5400	9,5400	9,5400			9,5400					
Certificate	NL0012560254	EUUSD1.259TS OPENH	EUR	10,3700	10,3700	10,3700			10,3700					
Certificate	DE000CE6E2D2	EUUSD1.259TS OPENZ	EUR	9,6100	9,7400	9,6100			9,7400					
Certificate	NL0012677249	EUUSD1.261BS OPENB	EUR	9,9650	9,9650	9,9650			9,9650					
Certificate	NL0012581748	EUUSD1.261TRSOPENH	EUR	9,9200	9,9200	9,9200			9,9200					
Certificate	DE000CV52XG1	EUUSD1.261TS OPENC	EUR	9,5400	9,5400	9,5400			9,5400					
Certificate	NL0012560734	EUUSD1.263TRSOPENH	EUR	10,1000	10,1000	10,1000			10,1000					
Certificate	NL0012560221	EUUSD1.263TS OPENH	EUR	10,7100	10,7100	10,7100			10,7100					
Certificate	NL0012088728	EUUSD1.263TS OPENH	EUR	10,6500	10,6500	10,6500			10,6500					
Certificate	LU1695202082	EUUSD1.265TPIOPENH	EUR											
Certificate	DE000VL2FQ84	EUUSD1.265TS OPENV	EUR	10,0650	10,2050	10,0650			10,2050					
Certificate	NL0012436257	EUUSD1.267TRSOPENH	EUR	10,4600	10,4600	10,4600			10,4600					
Certificate	NL0012560999	EUUSD1.267TS OPENH	EUR	11,0600	11,0600	11,0600			11,0600					
Certificate	NL0012560700	EUUSD1.268TRSOPENH	EUR	10,5400	10,5400	10,5400			10,5400					
Certificate	DE000CE6E523	EUUSD1.269TS OPENZ	EUR	10,4700	10,6000	10,4700			10,6000					
Certificate	NL0012563589	EUUSD1.271TS OPENH	EUR	11,4300	11,4300	11,4300			11,4300					
Certificate	NL0011040993	EUUSD1.271TS OPENH	EUR	12,4800	12,4800	12,4800			12,4800					
Certificate	NL0010155818	EUUSD1.272TL OPENA	EUR											
Certificate	NL0012560668	EUUSD1.273TRSOPENH	EUR	11,0000	11,0000	11,0000			11,0000					
Certificate	NL001254513	EUUSD1.274TRSOPENH	EUR	11,0600	11,0600	11,0600			11,0600					
Certificate	NL0012563860	EUUSD1.275TRSOPENH	EUR	11,1500	11,1500	11,1500			11,1500					
Certificate	DE000VL2FRA8	EUUSD1.275TS OPENV	EUR	10,9350	11,0750	10,9350			11,0750					
Certificate	NL0010155826	EUUSD1.276TS OPENA	EUR											
Certificate	NL0012563845	EUUSD1.277TRSOPENH	EUR	11,3400	11,3400	11,3400			11,3400					
Certificate	NL0012580807	EUUSD1.277TS OPENH	EUR	11,8800	11,8800	11,8800			11,8800					
Certificate	NL0010876660	EUUSD1.278TS OPENB	EUR	13,5750	13,5750	13,5750			13,5750					
Certificate	DE000CR1JU20	EUUSD1.284TS OPENZ	EUR	11,7400	11,7400	11,7400			11,7400					
Certificate	NL0012554489	EUUSD1.289TRSOPENH	EUR	12,3900	12,3900	12,3900			12,3900					
Certificate	NL0012559512	EUUSD1.294TRSOPENH	EUR	12,8400	12,8400	12,8400			12,8400					
Certificate	DE000CE6EJA1	EUUSD1.294TS OPENZ	EUR	12,6200	12,7500	12,6200			12,7500					
Certificate	NL0010519880	EUUSD1.299BS OPENB	EUR	13,3800	13,3800	13,3800			13,3800					
Certificate	NL0013083785	EUUSD1.305TRSOPENH	EUR	13,8000	13,8000	13,8000			13,8000					
Certificate	DE000CR1JDN2	EUUSD1.311TS OPENZ	EUR	14,1100	14,2500	14,1100			14,2500					
Certificate	NL0012563837	EUUSD1.314TRSOPENH	EUR	14,5700	14,5700	14,5700			14,5700					
Certificate	NL0012851950	EUUSD1.321TS OPENH	EUR	15,7500	15,7500	15,7500			15,7500					
Certificate	DE000CV4ZKR2	EUUSD1.321TS OPENZ	EUR	14,9900	15,1200	14,9900			15,1200					
Certificate	NL0013083769	EUUSD1.325TRSOPENH	EUR	15,5400	15,5400	15,5400			15,5400					
Certificate	DE000CV4ZR52	EUUSD1.331TS OPENZ	EUR	15,8600	15,9900	15,8600			15,9900					



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	NL0006280570	EUUSD1.336TS OPENB	EUR	18,8400	18,8400	18,8400			18,8400					
Certificate	NL0012904445	EUUSD1.341TRSOPENH	EUR	16,9400	16,9400	16,9400			16,9400					
Certificate	NL0012851919	EUUSD1.341TS OPENH	EUR	17,5100	17,5100	17,5100			17,5100					
Certificate	DE000CV4Z860	EUUSD1.341TS OPENZ	EUR	16,7300	16,8600	16,7300			16,8600					
Certificate	NL0006215667	EUUSD1.348TS OPENB	EUR	19,9000	19,9000	19,9000			19,9000					
Certificate	NL0011228002	EUUSD1.349TS OPENH	EUR	19,4000	19,4000	19,4000			19,4000					
Certificate	NL0012851893	EUUSD1.351TS OPENH	EUR	18,3900	18,3900	18,3900			18,3900					
Certificate	DE000CV4ZV80	EUUSD1.351TS OPENZ	EUR	17,5800	17,7200	17,5800			17,7200					
Certificate	NL0009755081	EUUSD1.359TS OPENB	EUR	20,8900	20,8900	20,8900			20,8900					
Certificate	NL0012898845	EUUSD1.366TRSOPENH	EUR	19,1000	19,1000	19,1000			19,1000					
Certificate	NL0012851869	EUUSD1.366TS OPENH	EUR	19,7000	19,7000	19,7000			19,7000					
Certificate	NL0006217283	EUUSD1.376TS OPENB	EUR	22,4200	22,4200	22,4200			22,4200					
Certificate	NL0012851828	EUUSD1.386TS OPENH	EUR	21,4500	21,4500	21,4500			21,4500					
Certificate	NL0012906077	EUUSD1.396TRSOPENH	EUR	21,7000	21,7000	21,7000			21,7000					
Certificate	NL0012851786	EUUSD1.406TS OPENH	EUR	23,1900	23,1900	23,1900			23,1900					
Certificate	NL0006280588	EUUSD1.411TS OPENB	EUR	25,3100	25,4900	25,3100	1265,5000	1	25,4900	50				
Certificate	NL0012904437	EUUSD1.426TRSOPENH	EUR	24,3300	24,3300	24,3300			24,3300					
Certificate	NL0012851745	EUUSD1.426TS OPENH	EUR	24,9600	24,9600	24,9600			24,9600					
Certificate	NL0012851703	EUUSD1.446TS OPENH	EUR	26,7100	26,7100	26,7100			26,7100					
Certificate	DE000CZ7DV89	EUUSD1.449TS OPENZ	EUR	26,0900	26,2400	26,0900			26,2400					
Certificate	NL0012906069	EUUSD1.456TRSOPENH	EUR	26,9500	26,9500	26,9500			26,9500					
Certificate	NL0012851661	EUUSD1.466TS OPENH	EUR	28,4600	28,4600	28,4600			28,4600					
Certificate	NL0012898803	EUUSD1.481TRSOPENH	EUR	29,1400	29,1400	29,1400			29,1400					
Certificate	NL0011231238	EUUSD1.481TS OPENH	EUR	31,1200	31,1200	31,1200			31,1200					
Certificate	NL0012851620	EUUSD1.486TS OPENH	EUR	30,2100	30,2100	30,2100			30,2100					
Certificate	DE000CV87HF8	EUUSD1.489TS OPENZ	EUR	29,5700	29,7200	29,5700			29,7200					
Certificate	NL0012851588	EUUSD1.506TS OPENH	EUR	31,9600	31,9600	31,9600			31,9600					
Certificate	NL0012851547	EUUSD1.526TS OPENH	EUR	33,7100	33,7100	33,7100			33,7100					
Certificate	NL0012860233	EUUSD1.546TS OPENH	EUR	35,4700	35,4700	35,4700			35,4700					
Certificate	NL0011887989	EUUSF1.039TRLOPENH	EUR	9,6000	9,6000	9,6000			9,6000					
Certificate	DE000CV894G5	EUZAR13.07TL OPENZ	EUR	20,5500	20,9650	20,5500			20,9650					
Certificate	DE000CE6E150	EUZAR14.08TL OPENZ	EUR	14,4200	14,8700	14,4200			14,8700					
Certificate	DE000CE6BL19	EUZAR15.12TL OPENZ	EUR	8,0500	8,5300	8,0500			8,5300					
Certificate	DE000CV8AVM4	EUZAR16.11TL OPENZ	EUR	2,0050	2,5200	2,0050			2,5200					
Certificate	DE000CJ3PA18	EUZAR17.16TS OPENZ	EUR	4,8500	4,8500	4,3050			4,3050					
Certificate	DE000CD62221	EUZAR18.16TS OPENZ	EUR	10,9400	10,9400	10,3700			10,3700					
Certificate	DE000CE6E168	EUZAR19.16TS OPENZ	EUR	17,0500	17,0500	16,4400			16,4400					
Certificate	DE000CV88839	EUZAR20.19TS OPENZ	EUR	23,3100	23,3100	22,6700			22,6700					
Certificate	DE000CE6CXQ2	EVGT 11.3TL OPENZ	EUR	6,2200	6,2200	6,2200			6,2200					
Certificate	DE000CV88R23	EVGT 12.29TL OPENZ	EUR	5,3000	5,3000	5,2300	530,0000	1	5,2300	100				
Certificate	DE000CV892M7	EVGT 13.29TL OPENZ	EUR	4,2400	4,2400	4,2400			4,2400					
Certificate	DE000CJ3N8I7	EVGT 14.78TL OPENZ	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	DE000CV8A161	EVGT 15.28TL OPENZ	EUR											
Certificate	DE000CE6CX89	EVGT 9.773TL OPENZ	EUR	7,7300	7,7300	7,7300			7,7300					
Certificate	NL0009517689	EXXON 47.7TL OPENB	EUR	32,8900	32,8900	32,8900			32,8900					
Certificate	NL0011729777	EXXON102.5TS OPENH	EUR	2,5800	2,5800	2,5000			2,5000					
Certificate	NL0011732607	EXXON103.3TS OPENH	EUR	2,6600	2,6600	2,5700			2,5700					
Certificate	DE000CR4JOT1	EXXON69.71TL OPENZ	EUR	11,0000	11,0000	11,0000			11,0000					
Certificate	NL0011739172	EXXON89.01TS OPENH	EUR	1,3200	1,3200	1,2300			1,2300					
Certificate	NL0011729785	EXXON90.76TS OPENH	EUR	1,4800	1,4800	1,3900			1,3900					
Certificate	NL0011052170	EXXON90.85TS OPENH	EUR	1,4900	1,4900	1,4000			1,4000					
Certificate	NL0011732615	EXXON91.54TS OPENH	EUR	1,5500	1,5500	1,4700			1,4700					
Certificate	NL0011928379	EXXON99.31TS OPENH	EUR	2,2800	2,2800	2,2000			2,2000					
Certificate	DE000CE6CFE5	EZJ 10.68TL OPENZ	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	DE000CJ3N4L2	EZJ 7.665TL OPENZ	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	DE000CJ3NSG2	EZJ 9.172TL OPENZ	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	NL0011796818	FAGR 5TL OPENB	EUR	12,4750	12,4750	12,2050			12,2050					
Certificate	NL0011806328	FAGR 6TL OPENB	EUR	11,4950	11,4950	11,2250			11,2250					
Certificate	NL0011529383	FAGR 1.9TL OPENB	EUR	15,3650	15,3650	15,0950			15,0950					
Certificate	NL0011529391	FAGR 2.9TL OPENB	EUR	14,4550	14,4550	14,1850			14,1850					
Certificate	NL0011648605	FAGR 3.9TL OPENB	EUR	13,4650	13,4650	13,1950			13,1950					
Certificate	NL0011916036	FAGR 7.1TL OPENB	EUR	9,7550	9,7550	9,5050			9,5050					
Certificate	NL0012029169	FAGR 8.2TL OPENB	EUR	8,8050	8,8050	8,5550			8,5550					
Certificate	NL0012109060	FAGR 9.3TL OPENB	EUR	7,8450	7,8450	7,5950			7,5950					
Certificate	NL0012504484	FAGR 9.8TL OPENB	EUR	7,4150	7,4150	7,1650			7,1650					
Certificate	NL0012684955	FAGR 10.4TL OPENB	EUR	6,9250	6,9250	6,6750			6,6750					
Certificate	NL0012684963	FAGR 10.9TL OPENB	EUR	6,4750	6,4750	6,2250			6,2250					
Certificate	NL0012684971	FAGR 11.4TL OPENB	EUR	6,0450	6,0450	5,7950			5,7950					
Certificate	DE000CV50322	FAGR 11.4TL OPENZ	EUR	0,9650	0,9650	0,9650			0,9650					
Certificate	NL0012685564	FAGR 11.9TL OPENB	EUR	5,6050	5,6050	5,3550			5,3550					
Certificate	NL0012780746	FAGR 12.4TL OPENB	EUR	5,1050	5,1050	4,8550			4,8550					
Certificate	NL0012781645	FAGR 12.9TL OPENB	EUR	4,6750	4,6750	4,4250			4,4250					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012782551	FAGR 13.5TL OPENB	EUR	4,1450	4,1450	3,8950			3,8950					
Certificate	NL0012975510	FAGR 14.1TL OPENB	EUR	3,6450	3,6450	3,3950			3,3950					
Certificate	NL0012978399	FAGR 14.6TL OPENB	EUR	3,2250	3,2250	2,9750			2,9750					
Certificate	NL0013012180	FAGR 15.1TL OPENB	EUR	2,1550	2,1550	1,9050			1,9050					
Certificate	NL0013010093	FAGR 15.8TS OPENB	EUR											
Certificate	NL0013005580	FAGR 16.2TS OPENB	EUR											
Certificate	NL0013004245	FAGR 16.7TS OPENB	EUR	2,8250	3,0650	2,8250			3,0650					
Certificate	DE000CV88M93	FAGR 17.1TS OPENZ	EUR	0,5450	0,5450	0,5450			0,5450					
Certificate	NL0012980551	FAGR 17.2TS OPENB	EUR	4,5250	4,7650	4,5250			4,7650					
Certificate	NL0012994560	FAGR 17.7TS OPENB	EUR	5,0650	5,3050	5,0650			5,3050					
Certificate	DE000CD62NE0	FAGR 7.53TL OPENZ	EUR	1,6950	1,6950	1,6950			1,6950					
Certificate	DE000CD63MQ4	FAGR 8.52TL OPENZ	EUR	1,5150	1,5150	1,5150			1,5150					
Certificate	DE000CE6BH31	FAGR 9.28TL OPENZ	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	DE000CV50301	FAGR 10.35TL OPENZ	EUR	1,1650	1,1650	1,1650			1,1650					
Certificate	DE000CV88BD4	FAGR 12.46TL OPENZ	EUR	0,7650	0,7650	0,7650			0,7650					
Certificate	DE000CV88D11	FAGR 13.52TL OPENZ	EUR	0,5650	0,5650	0,5650			0,5650					
Certificate	DE000CV89Z55	FAGR 14.57TL OPENZ	EUR	0,3750	0,3750	0,3750			0,3750					
Certificate	DE000CV89Z63	FAGR 18.99TS OPENZ	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	DE000CR9RFH5	FAGR 24.98TS OPENZ	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000CW42AL4	FBOOK 84TL OPENC	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	DE000CV88BQ6	FBOOK 90TL 1218Z	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	DE000CX00QC5	FBOOK 100TL OPENC	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	DE000CV88BR4	FBOOK 120TL 1218Z	EUR	3,1950	3,1950	3,1950			3,1950					
Certificate	DE000CQ5AF54	FBOOK 120TL OPENC	EUR	2,7700	2,7700	2,7700			2,7700					
Certificate	DE000CQ5AF96	FBOOK 120TL OPENC	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	DE000CX01LS0	FBOOK 125TS OPENC	EUR											
Certificate	DE000CV50R32	FBOOK 130TL OPENC	EUR	1,5000	1,5000	1,3900	300,0000	1	1,3900	200				
Certificate	DE000CQ5AF62	FBOOK 130TL OPENC	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	DE000CQ5AFA5	FBOOK 130TL OPENC	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	DE000CJ3N6G7	FBOOK 131TL 1218Z	EUR	2,2550	2,2550	2,2550			2,2550					
Certificate	DE000CV88BS2	FBOOK 140TL 1218Z	EUR	1,4750	1,4750	1,4750			1,4750					
Certificate	DE000CQ5AFB3	FBOOK 140TL OPENC	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	DE000CV50R40	FBOOK 140TL OPENC	EUR											
Certificate	DE000CQ5AFC1	FBOOK 145TL OPENC	EUR											
Certificate	DE000CP06XU6	FBOOK 148TL OPENC	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000CV8AE86	FBOOK 150TL 1218Z	EUR											
Certificate	DE000CJ3PCN7	FBOOK 150TL 1218Z	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	DE000CP07B19	FBOOK 150TL OPENC	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	DE000CQ5AKZ2	FBOOK 150TL OPENC	EUR											
Certificate	DE000CP06UJ5	FBOOK 160TS OPENC	EUR											
Certificate	DE000CP07B27	FBOOK 160TS OPENC	EUR											
Certificate	DE000CP06PR8	FBOOK 170TS OPENC	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	DE000CP06P30	FBOOK 170TS OPENC	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000CQ5B139	FBOOK 180TL OPENC	EUR											
Certificate	DE000CY52C37	FBOOK 180TS OPENC	EUR											
Certificate	DE000CP064G3	FBOOK 180TS OPENC	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	DE000CY52AE4	FBOOK 180TS OPENC	EUR											
Certificate	DE000CP06537	FBOOK 180TS OPENC	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	DE000CQ5BTV0	FBOOK 190TS OPENC	EUR	2,9400	3,0100	2,9400	147,0000	1	3,0100	50				
Certificate	DE000CQ5BVQ6	FBOOK 190TS OPENC	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	DE000CQ5BA82	FBOOK 200TS OPENC	EUR											
Certificate	DE000CQ5BVR4	FBOOK 200TS OPENC	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	DE000CQ5B147	FBOOK 200TS OPENC	EUR											
Certificate	DE000CY50W35	FBOOK 200TS OPENC	EUR											
Certificate	DE000CQ5BTV8	FBOOK 200TS OPENC	EUR	3,8800	3,8800	3,8800			3,8800					
Certificate	DE000CY52JN6	FBOOK 205TS OPENC	EUR											
Certificate	DE000CQ5BVS2	FBOOK 210TS OPENC	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	DE000CQ5BTX6	FBOOK 210TS OPENC	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	DE000CQ5BJ18	FBOOK 220TS OPENC	EUR	6,6500	6,6500	6,6500			6,6500					
Certificate	DE000CQ5BPX4	FBOOK 230TS OPENC	EUR	6,4500	6,4500	6,4500			6,4500					
Certificate	DE000CQ5BPY2	FBOOK 240TS OPENC	EUR	7,3200	7,3200	7,3200			7,3200					
Certificate	DE000CV89U43	FBOOK 145.TL OPENZ	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	NL0013005184	FBOOK 164.BS OPENB	EUR	8,7200	8,7200	8,7200			8,7200					
Certificate	NL0012995575	FBOOK 174.BS OPENB	EUR	17,4200	17,4200	17,4200			17,4200					
Certificate	NL0012775118	FBOOK 175.BS OPENB	EUR											
Certificate	NL0012990469	FBOOK 184.BS OPENB	EUR	26,1200	26,1200	26,1200			26,1200					
Certificate	NL0012984926	FBOOK 194.BS OPENB	EUR	34,8100	34,8100	34,8100			34,8100					
Certificate	NL0010155859	FBOOK 22.9TS OPENA	EUR											
Certificate	DE000CV89QR0	FBOOK 256.TS OPENZ	EUR											
Certificate	NL0011042866	FBOOK 67.3TL OPENH	EUR	8,5800	8,5800	8,3300			8,3300					
Certificate	NL0010658084	FBOOK 67.4TL OPENB	EUR	80,7200	80,7200	80,7200			80,7200					
Certificate	NL0011052253	FBOOK 73.2TL OPENH	EUR	8,1300	8,1300	7,8800			7,8800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0010892188	FBOOK 78.4TL OPENB	EUR	71,8200	71,8200	71,8200			71,8200					
Certificate	NL0011052246	FBOOK 78.9TL OPENH	EUR	7,6900	7,6900	7,4400			7,4400					
Certificate	NL0011425319	FBOOK 89.4TL OPENB	EUR	62,9200	62,9200	62,9200			62,9200					
Certificate	DE000CV8AHN1	FBOOK104.7TL OPENZ	EUR	4,4900	4,4900	4,4350	224,5000	1		4,4350	50			
Certificate	NL0011654579	FBOOK111.1TL OPENB	EUR	45,3400	45,3400	45,3400			45,3400					
Certificate	NL0011650742	FBOOK111.48L OPENB	EUR	39,2300	39,2300	39,2300			39,2300					
Certificate	NL0011803945	FBOOK116.5TL OPENB	EUR	40,9900	40,9900	40,9900			40,9900					
Certificate	NL0011659933	FBOOK116.98L OPENB	EUR	34,3800	34,3800	34,3800			34,3800					
Certificate	DE000CV89X32	FBOOK124.5TL OPENZ	EUR	2,6400	2,7150	2,6400	1919,2800	1	2,7150	727				
Certificate	DE000CN6LAF3	FBOOK125.2TL OPENZ	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	DE000VA71WE8	FBOOK127.3TL OPENV	EUR	2,5345	2,5345	2,5345			2,5345					
Certificate	DE000VA71WF5	FBOOK129.8TL OPENV	EUR	2,3165	2,3165	2,3165			2,3165					
Certificate	DE000VA7PXS9	FBOOK132.2TL OPENV	EUR	2,0965	2,0965	2,0965			2,0965					
Certificate	DE000CJ3N11	FBOOK134.9TL OPENZ	EUR	2,0100	2,0100	1,8250	201,0000	1	1,8250	100				
Certificate	DE000VA6ECZ4	FBOOK136.8TL OPENV	EUR	1,9480	1,9570	1,6625	1558,4000	1	1,6625	800				
Certificate	DE000VA71WG3	FBOOK139.8TL OPENV	EUR	1,4455	1,4455	1,4455			1,4455					
Certificate	DE000VAD6GU6	FBOOK141.7TL OPENV	EUR	1,2235	1,2235	1,2235			1,2235					
Certificate	DE000VA6EGY8	FBOOK144.4TL OPENV	EUR	1,0045	1,0045	1,0045			1,0045					
Certificate	DE000VA6EG45	FBOOK146.9TL OPENV	EUR	0,8235	0,8235	0,8235			0,8235					
Certificate	DE000VA71ST4	FBOOK149.8TL OPENV	EUR	0,6605	0,6605	0,6605			0,6605					
Certificate	DE000VASRLT2	FBOOK151.4TL OPENV	EUR											
Certificate	DE000VA71SV0	FBOOK152.3TL OPENV	EUR	0,6910	0,6910	0,4945	3496,4000	3	0,4945	6000				
Certificate	NL0011597372	FBOOK152.4TS OPENH	EUR											
Certificate	DE000VA71Z57	FBOOK154.8TL OPENV	EUR											
Certificate	DE000VA71WD0	FBOOK157.7TS OPENV	EUR											
Certificate	DE000VA71SR8	FBOOK160.2TS OPENV	EUR											
Certificate	DE000VA7PSK6	FBOOK162.6TS OPENV	EUR	0,7565	0,7565	0,7565			0,7565					
Certificate	NL0012777007	FBOOK165.1BS OPENB	EUR											
Certificate	DE000VA7P5L4	FBOOK165.1TS OPENV	EUR	0,9215	0,9215	0,9215			0,9215					
Certificate	NL0013004641	FBOOK167.5TS OPENB	EUR	22,2900	22,2900	22,2900			22,2900					
Certificate	NL0012777247	FBOOK167.5TS OPENB	EUR											
Certificate	DE000VA7PSM2	FBOOK167.6TS OPENV	EUR	1,1335	1,1335	1,1335			1,1335					
Certificate	NL0010116786	FBOOK17.75TL OPENB	EUR	121,2700	121,2700	121,2700			121,2700					
Certificate	DE000VA7PSN0	FBOOK170.1TS OPENV	EUR	1,3515	1,3515	1,3515			1,3515					
Certificate	DE000VAD6GT8	FBOOK172.6TS OPENV	EUR	1,5695	1,5695	1,5695			1,5695					
Certificate	DE000CJ3NKA2	FBOOK175.7TS OPENZ	EUR	1,7950	1,7950	1,7950			1,7950					
Certificate	NL0012995831	FBOOK177.5TS OPENB	EUR	31,7300	31,7300	31,7300			31,7300					
Certificate	DE000VAD6D534	FBOOK177.6TS OPENV	EUR	2,0045	2,0045	2,0045			2,0045					
Certificate	DE000VA6EGV4	FBOOK180.1TS OPENV	EUR	2,2235	2,2235	2,2235			2,2235					
Certificate	DE000VASRLP0	FBOOK182.7TS OPENV	EUR	2,4405	2,4405	2,4405			2,4405					
Certificate	NL0012990626	FBOOK187.5TS OPENB	EUR	41,1600	41,1600	41,1600			41,1600					
Certificate	DE000VASRLQ8	FBOOK187.7TS OPENV	EUR	2,8765	2,8765	2,8765			2,8765					
Certificate	DE000VASRLR6	FBOOK192.7TS OPENV	EUR	3,3125	3,3125	3,3125			3,3125					
Certificate	DE000CV8ADH2	FBOOK195.7TS OPENZ	EUR	3,5150	3,5150	3,5150			3,5150					
Certificate	DE000VASRLS4	FBOOK197.7TS OPENV	EUR	3,7475	3,7475	3,7475			3,7475					
Certificate	DE000VASRPH8	FBOOK202.7TS OPENV	EUR	4,1835	4,1835	4,1835			4,1835					
Certificate	NL0012984934	FBOOK203.9BS OPENB	EUR	43,5000	43,5000	43,5000			43,5000					
Certificate	NL0012985352	FBOOK207.5TS OPENB	EUR	60,0000	60,0000	60,0000			60,0000					
Certificate	DE000CV8ADJ8	FBOOK215.8TS OPENZ	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	NL0012973135	FBOOK227.5TS OPENB	EUR	78,8600	78,8600	78,8600			78,8600					
Certificate	DE000CV4Z951	FBOOK235.8TS OPENZ	EUR	14,0100	14,0100	14,0100			14,0100					
Certificate	DE000CV8AP9	FBOOK276.1TS OPENZ	EUR											
Certificate	NL0010516241	FBOOK48.92TL OPENB	EUR	95,6900	95,6900	95,6900			95,6900					
Certificate	DE000CF80DX8	FBOOK62.34TL OPENC	EUR											
Certificate	DE000CC16AQ9	FBOOK65.72TL OPENC	EUR	6,6500	6,6500	6,6500			6,6500					
Certificate	NL0010661773	FBOOK73.49TL OPENB	EUR	75,7700	75,7700	75,7700			75,7700					
Certificate	DE000CB9YG61	FBOOK77.52TL OPENZ	EUR	13,5900	13,5900	13,5900			13,5900					
Certificate	DE000CJ3N5N5	FBOOK89.61TL OPENZ	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000VN61YF5	FCHI LEVOPENV	EUR	11,5150	11,5150	11,5150			11,5150					
Certificate	DE000VN61YH1	FCHI LEVOPENV	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	DE000VN61YG3	FCHI LEVOPENV	EUR	6,9700	6,9700	6,9700			6,9700					
Certificate	DE000VN61YK5	FCHI SHROPEV	EUR	0,3160	0,3160	0,3160			0,3160					
Certificate	DE000VN61YL3	FCHI SHROPEV	EUR	0,0420	0,0420	0,0420			0,0420					
Certificate	DE000VN61YJ7	FCHI SHROPEV	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	DE000VA234R3	FCHI SHROPEV	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	DE000CE6EH79	FCHM11.91TL OPENZ	EUR	1,8750	1,8750	1,8750			1,8750					
Certificate	DE000CE6ENP1	FCHM11.41TL OPENZ	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	DE000CV8ADV3	FCHM19.907TL OPENZ	EUR	3,8650	3,8650	3,8650			3,8650					
Certificate	DE000CV8AP53	FFARM 5.81TL OPENZ	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	DE000CV8ALY0	FFARM 6.35TL OPENZ	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	DE000CE6CQJ1	FFARM 6.89TL OPENZ	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	DE000CE6CNE9	FFARM 7.64TL OPENZ	EUR	2,6700	2,6700	2,6700			2,6700					



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	NL0013008709	FFARM 7.88BL OPENB	EUR	2,1700	2,1700	2,1000			2,1000					
Certificate	NL0013006604	FFARM 8.37BL OPENB	EUR	1,6800	1,6800	1,6100			1,6100					
Certificate	DE000CE6CND1	FFARM 8.38TL OPENZ	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	NL0013006612	FFARM 8.87BL OPENB	EUR	1,1800	1,1800	1,1100			1,1100					
Certificate	DE000CV87273	FFARM 8.91TL OPENZ	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	NL0013013329	FFARM 9.37BL OPENB	EUR	0,6800	0,6800	0,6100			0,6100					
Certificate	DE000CV88DT5	FFARM 9.44TL OPENZ	EUR											
Certificate	NL0013006752	FFARM 9.93BS OPENB	EUR											
Certificate	NL0013006760	FFARM10.93BS OPENB	EUR	1,1500	1,1900	1,1500			1,1900					
Certificate	NL0012796551	FLOW 32BOC1219Z	EUR	27,8000	27,8000	27,8000			27,8000					
Certificate	NL0012796544	FLOW 34BOC0919Z	EUR	28,5400	28,5400	28,5400			28,5400					
Certificate	DE000CV4YVX0	FLOW 16.5TL OPENZ	EUR	1,1450	1,1450	1,1450			1,1450					
Certificate	NL0012985162	FLOW 22.4TL OPENB	EUR	5,7400	7,3800	5,7400	652,6500	1	7,3800	95				
Certificate	NL0012795793	FLOW 28.5BOC0919Z	EUR	26,0200	26,0200	26,0200			26,0200					
Certificate	NL0012795785	FLOW 29.5BOC0619Z	EUR	27,0000	27,0000	27,0000			27,0000					
Certificate	DE000CV8AWT7	FLOW 29.5TS OPENZ	EUR	0,3700	0,3700	0,1950	37,0000	1	0,1950	100				
Certificate	DE000CV4YRA6	FLOW 12.55TL OPENZ	EUR	1,6050	1,6050	1,6050			1,6050					
Certificate	NL0012502769	FLOW 12.58TL OPENB	EUR	14,6700	16,3100	14,6700	3034,0000	2	16,3100	200				
Certificate	NL0012490635	FLOW 14.11TL OPENB	EUR	13,2800	14,9200	13,2800	5001,1300	4	14,9200	349				
Certificate	DE000CE6FKS8	FLOW 14.21TL OPENZ	EUR	1,4450	1,4450	1,4450			1,4450					
Certificate	DE000CE6F322	FLOW 14.44TL OPENZ	EUR	1,3450	1,3450	1,3450			1,3450					
Certificate	NL0012700801	FLOW 14.84TL OPENB	EUR	12,6100	14,2500	12,6100			14,2500					
Certificate	NL0012504492	FLOW 15.39TL OPENB	EUR	12,1100	13,7500	12,1100			13,7500					
Certificate	DE000CE6EX87	FLOW 15.48TL OPENZ	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	DE000CN6FY58	FLOW 15.86TL OPENZ	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	NL0012700819	FLOW 16.15TL OPENB	EUR	11,4200	13,0600	11,4200			13,0600					
Certificate	DE000CV4YV54	FLOW 17.49TL OPENZ	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	DE000CV4YVU0	FLOW 17.52TL OPENZ	EUR	0,8800	1,0450	0,8600	4732,1000	5	1,0450	4810				
Certificate	NL0012681001	FLOW 17.66TL OPENB	EUR	10,0500	11,6900	10,0500	1029,8000	1	11,6900	95				
Certificate	DE000CV4ZZE8	FLOW 18.54TL OPENZ	EUR	0,9500	0,9500	0,9500	712,5000	4	0,9500	750				
Certificate	NL0012683072	FLOW 19.17TL OPENB	EUR	8,6800	10,3200	8,6800	4124,5000	3	10,3200	450				
Certificate	DE000CV500V7	FLOW 19.65TL OPENZ	EUR	0,9350	0,9350	0,9350			0,9350					
Certificate	DE000CV501B7	FLOW 20.05TL OPENZ	EUR	0,7200	0,7800	0,7200	1881,0000	4	0,7800	2550				
Certificate	NL0012686612	FLOW 20.68TL OPENB	EUR	7,3000	8,9400	7,3000			8,9400					
Certificate	DE000CV505H5	FLOW 21.54TL OPENZ	EUR	0,5000	0,6450	0,5000	3670,0000	3	0,6450	7000				
Certificate	DE000CV50632	FLOW 21.78TL OPENZ	EUR	0,6600	0,7350	0,6600	66,0000	1	0,7350	100				
Certificate	DE000CV505J1	FLOW 23.04TL OPENZ	EUR	0,3400	0,4850	0,2900	9224,5000	9	0,4850	22250				
Certificate	DE000CJ3NM32	FLOW 23.89TL OPENZ	EUR	0,4600	0,5400	0,4600	10952,2800	5	0,5350	22422				
Certificate	NL0013000698	FLOW 23.91TL OPENB	EUR	4,3700	6,0100	4,3700			6,0100					
Certificate	DE000CJ3NZH5	FLOW 24.42TL OPENZ	EUR	0,2100	0,3600	0,1500	5379,5000	16	0,3450	18325				
Certificate	NL0013005440	FLOW 25.38TL OPENB	EUR	3,0200	4,8500	2,6100	8688,0500	6	4,6600	2135				
Certificate	DE000CJ3N468	FLOW 25.92TL OPENZ	EUR											
Certificate	DE000CJ3PAM3	FLOW 26.39TL OPENZ	EUR											
Certificate	NL0013009673	FLOW 26.88TL OPENB	EUR											
Certificate	DE000CV8AF29	FLOW 27.51TS OPENZ	EUR											
Certificate	NL0012978712	FLOW 29.74TS OPENB	EUR	7,0200	7,0200	5,3400			5,3400					
Certificate	DE000CV89T12	FLOW 32.48TS OPENZ	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	DE000CV87S17	FLOW 37.46TS OPENZ	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	NL0012782825	FLOW 39.51TS OPENB	EUR	17,8900	17,8900	16,2100			16,2100					
Certificate	NL0009176510	FMOTR 2.8TL OPENB	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	NL0010249736	FMOTR 7.1TL OPENB	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	DE000CR9PCU9	FMOTR13.52TS OPENZ	EUR	4,2750	4,2750	4,2750			4,2750					
Certificate	DE000CN6GB8C	FNV 44.29TL OPENZ	EUR	3,9850	3,9850	3,9850			3,9850					
Certificate	DE000CN6JBRO	FNV 49.61TL OPENZ	EUR	3,0950	3,0950	3,0950			3,0950					
Certificate	DE000CN6K214	FNV 56.08TL OPENZ	EUR	2,0150	2,0150	2,0150			2,0150					
Certificate	DE000CE6C3Q4	FNV 64.55TL OPENZ	EUR											
Certificate	DE000CD61561	FORTU12.14TL OPENZ	EUR	1,8100	1,8100	1,8100			1,8100					
Certificate	DE000CN6HVVH3	FORTU7.981TL OPENZ	EUR	2,8500	2,8500	2,8500			2,8500					
Certificate	NL0012277123	FRARI 89TL OPENB	EUR	29,7400	29,7400	29,7400			29,7400					
Certificate	NL0012676332	FRARI 112TL OPENB	EUR	11,5100	11,5100	11,5100			11,5100					
Certificate	NL0012104269	FRARI 55.2TL OPENB	EUR	56,5300	56,5300	56,5300			56,5300					
Certificate	NL0012264204	FRARI 81.4TL OPENB	EUR	35,7500	35,7500	35,7500			35,7500					
Certificate	NL0012997977	FRARI 85.2BL OPENB	EUR	1,8350	1,8350	1,6550			1,6550					
Certificate	NL0012270144	FRARI 86.6TL OPENB	EUR	31,6600	31,6600	31,6600			31,6600					
Certificate	NL0012278865	FRARI102.1TL OPENB	EUR	19,3900	19,3900	19,3900			19,3900					
Certificate	NL0012281133	FRARI104.6TL OPENB	EUR	17,4000	17,4000	17,4000			17,4000					
Certificate	DE000CV8A0T8	FRARI108.1TL OPENZ	EUR	1,1750	1,1750	1,1750			1,1750					
Certificate	NL0013005192	FRARI119.6BS OPENB	EUR	1,9250	2,1150	1,9250			2,1150					
Certificate	NL0012998199	FRARI139.6BS OPENB	EUR	3,9250	4,1050	3,9250			4,1050					
Certificate	NL0013002637	FRARI159.6BS OPENB	EUR	5,9250	6,1050	5,9250			6,1050					
Certificate	DE000CD63Z81	FRARI57.26TL OPENZ	EUR	5,3450	5,3450	5,3450			5,3450					
Certificate	NL0013008691	FRARI75.19BL OPENB	EUR	2,8350	2,8350	2,6550			2,6550					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV8ALN3	FRARI86.58TL OPENZ	EUR	2,9450	2,9450	2,9450			2,9450					
Certificate	NL0012997985	FRARI95.22BL OPENB	EUR	0,8350	0,8350	0,6550			0,6550					
Certificate	NL0011657291	FREEP 8.5TL OPENB	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	NL0012026181	FREEP 10.5TL OPENB	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	NL0012915599	FREGD 77.5TS OPENH	EUR	1,9900	2,2700	1,9900			2,2700					
Certificate	NL0012849368	FREGD 78.4TS OPENH	EUR	2,0800	2,3700	2,0800			2,3700					
Certificate	DE000C3NKX4	FREGD41.01TL OPENZ	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	NL0011226097	FREGD43.61TL OPENH	EUR	2,2600	2,2600	2,0000			2,0000					
Certificate	NL0011226089	FREGD47.85TL OPENH	EUR	1,8700	1,8700	1,6000			1,6000					
Certificate	DE000CR6YK07	FREGD51.04TL OPENZ	EUR	1,1000	1,1000	0,9600	660,0000	1	0,9600	600				
Certificate	DE000CR6YK15	FREGD55.07TL OPENZ	EUR	0,7100	0,7100	0,5700	497,0000	1	0,5700	700				
Certificate	NL0011721196	FREGD56.86TL OPENH	EUR	1,0300	1,0300	0,7600	1680,0000	2	0,7600	2000				
Certificate	NL0012600985	FREGD59.88TL OPENH	EUR											
Certificate	DE000C3NX54	FREGD63.04TL OPENZ	EUR											
Certificate	NL0013085061	FREGD63.88TS OPENH	EUR	0,5300	0,8200	0,5300			0,8200					
Certificate	NL0013083116	FREGD64.43TL OPENH	EUR											
Certificate	NL0012907075	FREGD66.03TL OPENH	EUR											
Certificate	NL0012936637	FREGD70.47TS OPENH	EUR	1,2300	1,5200	1,2300			1,5200					
Certificate	NL0012584593	FREGD72.43TS OPENH	EUR	1,4400	1,7300	1,4400			1,7300					
Certificate	NL0012371868	FREGD73.46TS OPENH	EUR	1,5500	1,8400	1,5500			1,8400					
Certificate	NL0012242135	FREGD78.71TS OPENH	EUR	2,1200	2,4000	2,1200			2,4000					
Certificate	NL0012178974	FREGD83.77TS OPENH	EUR	2,6600	2,9500	2,6600			2,9500					
Certificate	NL0012053490	FREGD91.03TS OPENH	EUR	3,4400	3,7300	3,4400			3,7300					
Certificate	NL0012054118	FREGD91.09TS OPENH	EUR	3,4500	3,7300	3,4500			3,7300					
Certificate	NL0012093801	FREGD91.33TS OPENH	EUR	3,4700	3,7600	3,4700			3,7600					
Certificate	DE000C3N3D1	FRES 5.46TL OPENZ	EUR	4,3450	4,3450	4,3450			4,3450					
Certificate	DE000CV8BCX9	FRES 6.36TL OPENZ	EUR	3,3100	3,3850	3,3100	165,5000	1	3,3850	50				
Certificate	DE000CV8ASD9	FRES 7.42TL OPENZ	EUR	2,2450	2,2450	2,2450			2,2450					
Certificate	DE000C3PAR2	FRES 8.42TL OPENZ	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	NL0012561666	FRESE 117.5TS OPENH	EUR	5,4800	5,6200	5,4800			5,6200					
Certificate	NL0011225354	FRESE 98.7TS OPENH	EUR	3,5100	3,6600	3,5100			3,6600					
Certificate	NL0012311807	FRESE107.5TS OPENH	EUR	4,4600	4,6000	4,4600			4,6000					
Certificate	NL0011225446	FRESE43.82TL OPENH	EUR	3,0000	3,0000	2,8100	144,5000	2	2,8700	50				
Certificate	DE000C3PC32	FRESE51.66TL OPENZ	EUR	1,7950	1,7950	1,7950			1,7950					
Certificate	NL0011225438	FRESE52.29TL OPENH	EUR	2,2100	2,2100	1,9900	1990,0000	1	2,0800	1000				
Certificate	DE000CR9RQQ3	FRESE59.67TL OPENZ	EUR	1,1400	1,1400	0,9950	570,0000	1	0,9950	500				
Certificate	NL0011225420	FRESE60.76TL OPENH	EUR	1,4100	1,4100	1,2000	251,0000	2	1,2900	200				
Certificate	DE000CR6Y7B3	FRESE66.65TL OPENZ	EUR	0,2900	0,3600	0,2300	10972,4200	5	0,3150	32722				
Certificate	NL0011721154	FRESE68.68TL OPENH	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	NL0011891221	FRESE69.96TL OPENH	EUR											
Certificate	NL0013085053	FRESE71.82TS OPENH	EUR	0,6300	0,7800	0,6300			0,7800					
Certificate	DE000CN6F5C7	FRESE73.52TL OPENZ	EUR											
Certificate	NL0012055271	FRESE74.63TL OPENH	EUR											
Certificate	NL0012516157	FRESE77.89TL OPENH	EUR											
Certificate	NL0013085046	FRESE79.82TS OPENH	EUR	1,4900	1,6400	1,4900			1,6400					
Certificate	NL0012611644	FRESE81.84TL OPENH	EUR											
Certificate	NL0012889075	FRESE84.38TL OPENH	EUR											
Certificate	NL0012935712	FRESE93.86TS OPENH	EUR	2,9900	3,1400	2,9900			3,1400					
Certificate	NL0011929872	FRESE95.82TS OPENH	EUR	3,2000	3,3500	3,2000			3,3500					
Certificate	NL0010048492	FT100 3930TL OPENB	EUR	36,3650	36,3650	36,3650			36,3650					
Certificate	NL0010288601	FT100 4660TL OPENB	EUR	28,2850	28,2850	28,2850			28,2850					
Certificate	NL0010733788	FTEPR STN0920V	EUR											
Certificate	DE000CN6HXJ5	FTI 18.99TL OPENZ	EUR	1,3950	1,3950	1,3950			1,3950					
Certificate	DE000CE6F5L7	FTI 20.48TL OPENZ	EUR	1,1050	1,1050	1,1050			1,1050					
Certificate	DE000CE6F8P2	FTI 21.97TL OPENZ	EUR	0,8050	0,8050	0,8050			0,8050					
Certificate	DE000CV8BE51	FTI 23.96TL OPENZ	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	DE000CE6DL58	FTI 29.74TS OPENZ	EUR	0,8050	0,8050	0,8050			0,8050					
Certificate	DE000VN61ZY3	FTMIB LEVOPENV	EUR	0,6670	0,6670	0,6670			0,6670					
Certificate	DE000VN61ZX5	FTMIB LEVOPENV	EUR	3,4650	3,4650	3,4650			3,4650					
Certificate	DE000VN61ZZ0	FTMIB LEVOPENV	EUR	0,0760	0,0760	0,0560	425,6000	1	0,0560	5600				
Certificate	DE000VN61ZZ1	FTMIB SHROPENV	EUR	0,0105	0,0105	0,0105			0,0105					
Certificate	DE000VN61Z05	FTMIB SHROPENV	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	DE000VL51Z66	FTMIB SHROPENV	EUR	2,9350	2,9350	2,9350			2,9350					
Certificate	DE000VA1ZH72	FTMIB SHROPENV	EUR	13,9350	13,9350	13,9350			13,9350					
Certificate	DE000VN61Z13	FTMIB SHROPENV	EUR	0,1400	0,1400	0,1400			0,1400					
Certificate	NL0009335876	FTS4020620TL OPENB	EUR	16,5050	16,5050	16,5050			16,5050					
Certificate	NL0009335884	FTS4028470TL OPENB	EUR	12,1750	12,1750	12,1750			12,1750					
Certificate	DE000VN61ZR7	FTSE LEVOPENV	EUR	8,2150	8,2150	8,2150			8,2150					
Certificate	DE000VN61Z55	FTSE LEVOPENV	EUR	4,4350	4,4350	4,4350			4,4350					
Certificate	DE000VN61ZT3	FTSE LEVOPENV	EUR	1,8400	1,8400	1,6900	368,0000	1	1,6900	200				
Certificate	DE000VN61ZV9	FTSE SHROPENV	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	DE000VN61ZW7	FTSE SHROPENV	EUR	0,4160	0,4160	0,4160			0,4160					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VN61ZU1	FTSE SHROPENV	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	DE000CX002X8	FUGRO 5TL OPENC	EUR											
Certificate	LU1817292284	FUGRO 10TCIOPENS	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CX599Q7	FUGRO 14TL OPENC	EUR											
Certificate	DE000CW3A5Z7	FUGRO 20TS OPENC	EUR											
Certificate	DE000CW0JWP2	FUGRO 25TS OPENC	EUR											
Certificate	NL0010896429	FUGRO 7.5TL OPENB	EUR	4,0500	4,0800	4,0500			4,0800					
Certificate	NL0010896437	FUGRO 8.5TL OPENB	EUR	3,0800	3,1100	3,0600	15420,0000	3		5000				
Certificate	DE000CV8AB89	FUGRO 8.8TL 1218Z	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	NL0012505291	FUGRO 8.9TL OPENB	EUR	2,5800	2,6100	2,5800			2,6100					
Certificate	NL0012505309	FUGRO 9.2TL OPENB	EUR	2,2900	2,3200	2,2900			2,3200					
Certificate	NL0012505317	FUGRO 9.5TL OPENB	EUR	2,0100	2,0400	2,0100			2,0400					
Certificate	DE000CV88EN6	FUGRO 9.8TL 1218Z	EUR	0,2150	0,2150	0,2150			0,2150					
Certificate	NL0012996995	FUGRO 9.9TL OPENB	EUR	1,6700	1,7000	1,6600	166,0000	1	1,7000	100				
Certificate	NL0012997423	FUGRO 10.2TL OPENB	EUR	1,3900	1,4200	1,3900			1,4200					
Certificate	NL0012997431	FUGRO 10.5TL OPENB	EUR	1,1100	1,1400	1,1100			1,1400					
Certificate	DE000CJ3NSW9	FUGRO 10.6TL 1218Z	EUR	0,0480	0,0480	0,0480	96,0000	1	0,0480	2000				
Certificate	NL0013001845	FUGRO 10.9TL OPENB	EUR											
Certificate	NL0013007214	FUGRO 11.2TL OPENB	EUR											
Certificate	NL0013012263	FUGRO 11.3TS OPENB	EUR	1,4500	1,4500	1,4000			1,4000					
Certificate	NL0013010101	FUGRO 11.8TS OPENB	EUR	2,1000	2,1000	2,0500			2,0500					
Certificate	NL0013001928	FUGRO 12.3TS OPENB	EUR	2,6200	2,6200	2,5700			2,5700					
Certificate	NL0013004252	FUGRO 12.8TS OPENB	EUR	3,1700	3,1700	3,1200			3,1200					
Certificate	LU1790692450	FUGRO 12.9TPIOPENS	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	NL0012795694	FUGRO 13.1BOC0619Z	EUR	11,1400	11,1400	11,1400			11,1400					
Certificate	NL0012795702	FUGRO 13.3BOC0919Z	EUR	11,2000	11,2000	11,0700	2240,0000	1	11,0700	200				
Certificate	NL0012795699	FUGRO 13.4BOC0919Z	EUR	11,0300	11,0300	11,0300			11,0300					
Certificate	NL0012796577	FUGRO 13.6BOC1219Z	EUR	11,0200	11,0200	11,0200			11,0200					
Certificate	NL0012795363	FUGRO 13.9BOC1218Z	EUR	12,9950	12,9950	12,9950			12,9950					
Certificate	NL0012795371	FUGRO 14.4BOC0319Z	EUR	12,6400	12,6500	12,6300	10108,0000	2	12,6500	800				
Certificate	DE000CY50QM7	FUGRO 14.4TS OPENC	EUR											
Certificate	DE000CE6CE82	FUGRO 14.6TS OPENZ	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	LU1784830215	FUGRO 16.2TS OPENS	EUR											
Certificate	DE000CV88KL8	FUGRO 16.6TS OPENZ	EUR											
Certificate	NL0009678168	FUGRO 49.9TS OPENB	EUR	44,6500	44,6500	44,6500			44,6500					
Certificate	NL0012488928	FUGRO 5.87BL OPENB	EUR	5,2400	5,2700	5,2400			5,2700					
Certificate	NL0010150512	FUGRO 50.2TL OPENA	EUR											
Certificate	NL0011230511	FUGRO 8.62TL OPENH	EUR	0,3000	0,3000	0,3000	300,0000	1	0,3000	1000				
Certificate	NL0011052865	FUGRO 8.62TL OPENH	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	LU1612634193	FUGRO 9.37TCIOPENS	EUR	1,4000	1,4300	1,4000	280,0000	1	1,4300	200				
Certificate	NL0012996821	FUGRO 9.97BL OPENB	EUR	1,1400	1,1700	1,1400			1,1700					
Certificate	DE000CV88E36	FUGRO10.36TL OPENZ	EUR	0,1000	0,1100	0,1000	460,0000	3	0,1030	4500				
Certificate	LU1817372805	FUGRO10.57TCIOPENS	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	NL0013001118	FUGRO10.97BL OPENB	EUR											
Certificate	LU1840960303	FUGRO11.11TCIOPENS	EUR											
Certificate	NL0013012065	FUGRO11.35BS OPENB	EUR	0,9000	0,9000	0,8500			0,8500					
Certificate	LU1840380569	FUGRO12.28TPIOPENS	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	NL0012987515	FUGRO12.35BS OPENB	EUR	1,9000	1,9000	1,8500			1,8500					
Certificate	DE000CV8AXL2	FUGRO12.61TS OPENZ	EUR	0,3850	0,3850	0,3850			0,3850					
Certificate	NL0012986210	FUGRO13.34BS OPENB	EUR	2,8900	2,8900	2,8400			2,8400					
Certificate	NL0013001738	FUGRO14.34BS OPENB	EUR	3,8900	3,8900	3,8400			3,8400					
Certificate	LU1784830306	FUGRO14.85TS OPENS	EUR											
Certificate	NL0011052766	FUGRO25.85TS OPENH	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	NL0012996573	FUGRO4.867BL OPENB	EUR	6,2400	6,2700	6,2400			6,2700					
Certificate	DE000CV88DB3	FUGRO6.357TL OPENZ	EUR	0,8950	0,8950	0,8950			0,8950					
Certificate	NL0012281075	FUGRO6.902BL OPENB	EUR	4,2000	4,2300	4,2000			4,2300					
Certificate	NL0012280945	FUGRO7.935BL OPENB	EUR	3,1700	3,2000	3,1700			3,2000					
Certificate	DE000CE6GE9	FUGRO8.363TL OPENZ	EUR	0,5000	0,5000	0,4900	3000,0000	3	0,4900	6000				
Certificate	DE000CE6EBD2	FUGRO8.857TL OPENZ	EUR	0,4100	0,4100	0,4050	4100,0000	1	0,4050	10000				
Certificate	NL0011535059	FUGRO8.968BL OPENB	EUR	2,1100	2,1400	2,1100			2,1400					
Certificate	DE000CN6H8G0	FUGRO9.368TL OPENZ	EUR	0,3000	0,3000	0,3000	4890,0000	9	0,3000	16300				
Certificate	NL0009706282	FVLAN 0%FRN02MAY21	EUR	114,0700	114,0700	114,0700			114,0700					
Certificate	DE000CE6CDS0	FVS LEVOPENZ	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	DE000CE6CDT8	FVS SHROPENZ	EUR	15,0700	15,0700	15,0700			15,0700					
Certificate	DE000CV4Z5N5	FVS 12TL OPENZ	EUR	6,7750	6,7750	6,7750			6,7750					
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	8,8750	8,8750	8,8750			8,8750					
Certificate	DE000CV4ZTJ0	FVS 10.88TL OPENZ	EUR	7,8350	7,8350	7,8350			7,8350					
Certificate	NL0013002728	FVS 11.28TL OPENB	EUR	7,8000	7,8000	7,8000			7,8000					
Certificate	NL0013002736	FVS 12.28TL OPENB	EUR	6,8900	6,8900	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	DE000CV42ZE1	FVS 13.07TL OPENZ	EUR	5,7450	5,7450	5,7450			5,7450					
Certificate	NL0013002744	FVS 13.28TL OPENB	EUR	5,9700	5,9700	5,9700			5,9700					
Certificate	NL0012979561	FVS 14.28TL OPENB	EUR	5,0600	5,0600	5,0600			5,0600					
Certificate	NL0013004880	FVS 15.28TL OPENB	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	NL0013006364	FVS 16.28TL OPENB	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	NL0013011125	FVS 17.27TL OPENB	EUR											
Certificate	NL0013007065	FVS 19.29TS OPENB	EUR											
Certificate	NL0013011141	FVS 20.03TS OPENB	EUR	4,2000	4,2000	4,2000			4,2000					
Certificate	NL0012970081	FVS 22.02TS OPENB	EUR	6,4200	6,4200	6,4200			6,4200					
Certificate	DE000CV88KY1	FVS 23.75TS OPENZ	EUR	13,9550	13,9550	13,9550			13,9550					
Certificate	DE000CV88BT0	FVS 27.54TS OPENZ	EUR	19,0050	19,0050	19,0050			19,0050					
Certificate	NL0012688063	FVS 27.91TS OPENB	EUR	12,9600	12,9600	12,9600			12,9600					
Certificate	DE000CV87L87	FVS 31.31TS OPENZ	EUR	24,0450	24,0450	24,0450			24,0450					
Certificate	NL0012106041	FVS 33.83TS OPENB	EUR	19,5300	19,5300	19,5300			19,5300					
Certificate	DE000CV87L95	FVS 35.06TS OPENZ	EUR	29,0350	29,0350	29,0350			29,0350					
Certificate	NL0012038277	FVS 38.62TS OPENB	EUR	24,8600	24,8600	24,8600			24,8600					
Certificate	DE000CV87LA1	FVS 38.81TS OPENZ	EUR	34,0350	34,0350	34,0350			34,0350					
Certificate	NL0012024582	FVS 43.41TS OPENB	EUR	30,1900	30,1900	30,1900			30,1900					
Certificate	DE000CD61XL6	FVS 60.77TS OPENZ	EUR	63,3250	63,3250	63,3250			63,3250					
Certificate	DE000CN6J0L5	FVS 67.32TS OPENZ	EUR	72,0450	72,0450	72,0450			72,0450					
Certificate	DE000VA23427	GAS LEVOPENV	EUR	11,1100	11,1100	8,2100			8,2100					
Certificate	DE000VN61057	GAS LEVOPENV	EUR	0,5830	0,5830	0,5350	225,6000	1	0,5350	400				
Certificate	DE000VN61065	GAS LEVOPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VN61073	GAS LEVOPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VN61081	GAS SHROPEV	EUR	1,7700	1,9100	1,7700			1,9100					
Certificate	DE000VN611A3	GAS SHROPEV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VN61099	GAS SHROPEV	EUR	0,0260	0,0280	0,0260			0,0280					
Certificate	NL0013004062	GAS 3TL OPENB	EUR	0,9650	0,9650	0,9650			0,9650					
Certificate	NL0012989263	GAS 2.75TL OPENB	EUR	1,4800	1,4800	1,3550	740,0000	1	1,3550	500				
Certificate	DE000CJ3NXU3	GAS 2.83TL OPENZ	EUR	0,5350	0,5350	0,4750			0,4750					
Certificate	NL0013004864	GAS 3.74TS OPENB	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	DE000CD63W01	GASI 10.48TL OPENZ	EUR	3,5650	3,5650	3,5650			3,5650					
Certificate	DE000CD640K6	GASI 11.97TL OPENZ	EUR	2,0750	2,0750	2,0750			2,0750					
Certificate	DE000CE6DMR1	GASI 13.47TL OPENZ	EUR	0,6050	0,6050	0,6050			0,6050					
Certificate	NL0012493027	GASOI 507TL OPENB	EUR	19,6300	19,6300	19,6300			19,6300					
Certificate	NL0012777395	GASOI 583TL OPENB	EUR	13,2800	13,2800	13,2800			13,2800					
Certificate	NL0012994164	GASOI 658TL OPENB	EUR	7,0000	7,0000	7,0000			7,0000					
Certificate	NL0013002264	GASOI 756TS OPENB	EUR	6,5900	6,5900	6,5900			6,5900					
Certificate	NL0010910659	GAZPR 2.1TL OPENB	EUR	2,7000	2,7000	2,6200			2,6200					
Certificate	NL0013011018	GBL 84TS OPENB	EUR	8,9500	9,3300	8,9500			9,3300					
Certificate	NL0009071521	GBL 33.7TL OPENB	EUR	50,5400	50,5400	50,1600			50,1600					
Certificate	NL0010887287	GBL 54.8TL OPENB	EUR	30,8900	30,8900	30,5100			30,5100					
Certificate	NL0010893582	GBL 57.6TL OPENB	EUR	28,3400	28,3400	27,9600			27,9600					
Certificate	NL0011906482	GBL 67.9TL OPENB	EUR	18,7200	18,7200	18,3400			18,3400					
Certificate	NL0012115117	GBL 75.7TL OPENB	EUR	11,5000	11,5000	11,1200			11,1200					
Certificate	NL0012118566	GBL 78.3TL OPENB	EUR	9,0700	9,0700	8,6900			8,6900					
Certificate	NL0012122865	GBL 80.8TL OPENB	EUR											
Certificate	NL0013007974	GBL 87.9TS OPENB	EUR	13,2400	13,6200	13,2400			13,6200					
Certificate	NL0012975692	GBL 91.8TS OPENB	EUR	17,4000	17,7800	17,4000			17,7800					
Certificate	NL0012680128	GBL 99.7TS OPENB	EUR	25,9600	26,3400	25,9600			26,3400					
Certificate	NL0012998215	GBL 104.78S OPENB	EUR	2,3650	2,4050	2,3650			2,4050					
Certificate	DE000CR9RIU0	GBL 54.18TL OPENZ	EUR	2,7300	2,7300	2,7300			2,7300					
Certificate	DE000CR1JPL0	GBL 60.16TL OPENZ	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	DE000CN6KC28	GBL 66.05TL OPENZ	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	NL0013008717	GBL 67.66BL OPENB	EUR	1,4950	1,5100	1,4650	453,0000	1	1,4650	300				
Certificate	NL0012998009	GBL 72.67BL OPENB	EUR	0,9950	0,9950	0,9650			0,9650					
Certificate	DE000CD62L88	GBL 72.98TL OPENZ	EUR	0,9300	0,9600	0,8600	28893,0000	5	0,8600	30100				
Certificate	NL0012998017	GBL 77.68BL OPENB	EUR	0,4950	0,5300	0,4550	420,0000	2	0,4550	800				
Certificate	DE000CE6C8R1	GBL 80.91TL OPENZ	EUR											
Certificate	NL0013009004	GBL 84.738S OPENB	EUR	0,3650	0,4050	0,3650			0,4050					
Certificate	NL0012998207	GBL 94.718S OPENB	EUR	1,3650	1,4050	1,3650			1,4050					
Certificate	NL0013085103	GBPUS 1.3TL OPENH	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	NL0012171912	GBPUS 0.96TL OPENH	EUR	30,9500	30,9500	30,9500			30,9500					
Certificate	NL0012171904	GBPUS 0.97TL OPENH	EUR	30,0600	30,0600	30,0600			30,0600					
Certificate	NL0012171896	GBPUS 0.98TL OPENH	EUR	29,1800	29,1800	29,1800			29,1800					
Certificate	DE000CE6CAT4	GBPUS 1.13TL OPENZ	EUR	15,7000	15,7000	15,4300			15,4300					
Certificate	NL0012089585	GBPUS 1.15TL OPENH	EUR	14,5400	14,5400	14,5400			14,5400					
Certificate	NL0012089577	GBPUS 1.16TL OPENH	EUR	13,6200	13,6200	13,6200			13,6200					
Certificate	NL0012863336	GBPUS 1.23TRLOPENH	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	NL0012199525	GBPUS 1.26TRLOPENH	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	NL0012055644	GBPUS 1.27TL OPENH	EUR	4,1700	4,1700	4,1700			4,1700					
Certificate	NL0013085095	GBPUS 1.33TS OPENH	EUR	3,3100	3,3100	3,3100			3,3100					



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	NL0012918957	GBPUS 1.34TRSOPENH	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	NL0012863294	GBPUS 1.36TRSOPENH	EUR	4,7800	4,7800	4,7800			4,7800					
Certificate	NL0012906119	GBPUS 1.48TRSOPENH	EUR	15,2000	15,2000	15,2000			15,2000					
Certificate	NL0012904502	GBPUS 1.53TRSOPENH	EUR	19,5500	19,5500	19,5500			19,5500					
Certificate	DE000CE6EUR2	GBPUS 1.54TS OPENZ	EUR	20,2100	20,5100	20,2100	2049,0000	1	20,5100	100				
Certificate	NL0012904494	GBPUS 1.58TRSOPENH	EUR	23,9000	23,9000	23,9000			23,9000					
Certificate	NL0012904486	GBPUS 1.64TRSOPENH	EUR	29,1300	29,1300	29,1300			29,1300					
Certificate	NL0012901938	GBPUS 1.69TRSOPENH	EUR	33,4800	33,4800	33,4800			33,4800					
Certificate	NL0012906176	GBPUS.9513TRLOPENH	EUR	30,9200	30,9200	30,9200			30,9200					
Certificate	NL0012899751	GBPUS.9829TRLOPENH	EUR	28,1600	28,1600	28,1600			28,1600					
Certificate	NL0012906390	GBPUS0.931TRLOPENH	EUR	32,6700	32,6700	32,6700			32,6700					
Certificate	NL0012171938	GBPUS0.939TL OPENH	EUR	32,7500	32,7500	32,7500			32,7500					
Certificate	NL0012171920	GBPUS0.949TL OPENH	EUR	31,8600	31,8600	31,8600			31,8600					
Certificate	NL0012171888	GBPUS0.991TL OPENH	EUR	28,2400	28,2400	28,2400			28,2400					
Certificate	NL0012171870	GBPUS1.001TL OPENH	EUR	27,3400	27,3400	27,3400			27,3400					
Certificate	NL0012171862	GBPUS1.012TL OPENH	EUR	26,4400	26,4400	26,4400			26,4400					
Certificate	NL0012906168	GBPUS1.016TRLOPENH	EUR	25,2400	25,2400	25,2400			25,2400					
Certificate	NL0012171854	GBPUS1.023TL OPENH	EUR	25,4900	25,4900	25,4900			25,4900					
Certificate	NL0012171847	GBPUS1.034TL OPENH	EUR	24,5300	24,5300	24,5300			24,5300					
Certificate	NL0012899736	GBPUS1.043TRLOPENH	EUR	22,9300	22,9300	22,9300			22,9300					
Certificate	NL0012171839	GBPUS1.044TL OPENH	EUR	23,6500	23,6500	23,6500			23,6500					
Certificate	NL0012171821	GBPUS1.054TL OPENH	EUR	22,7700	22,7700	22,7700			22,7700					
Certificate	NL0012171813	GBPUS1.065TL OPENH	EUR	21,8500	21,8500	21,8500			21,8500					
Certificate	NL0012904551	GBPUS1.072TRLOPENH	EUR	20,4000	20,4000	20,4000			20,4000					
Certificate	NL0012171805	GBPUS1.075TL OPENH	EUR	20,9700	20,9700	20,9700			20,9700					
Certificate	NL0012171797	GBPUS1.085TL OPENH	EUR	20,0900	20,0900	20,0900			20,0900					
Certificate	NL0012171789	GBPUS1.096TL OPENH	EUR	19,1900	19,1900	19,1900			19,1900					
Certificate	NL0012899710	GBPUS1.098TRLOPENH	EUR	18,1100	18,1100	18,1100			18,1100					
Certificate	NL0012171771	GBPUS1.106TL OPENH	EUR	18,2800	18,2800	18,2800			18,2800					
Certificate	NL0012171763	GBPUS1.116TL OPENH	EUR	17,4000	17,4000	17,4000			17,4000					
Certificate	NL0012904544	GBPUS1.122TRLOPENH	EUR	16,0300	16,0300	16,0300			16,0300					
Certificate	NL0012089601	GBPUS1.127TL OPENH	EUR	16,4600	16,4600	16,4600			16,4600					
Certificate	NL0012089593	GBPUS1.138TL OPENH	EUR	15,5000	15,5000	15,5000			15,5000					
Certificate	NL0012899694	GBPUS1.138TRLOPENH	EUR	14,6200	14,6200	14,6200			14,6200					
Certificate	NL0012904536	GBPUS1.162TRLOPENH	EUR	12,5400	12,5400	12,5400			12,5400					
Certificate	NL0012089569	GBPUS1.171TL OPENH	EUR	12,7200	12,7200	12,7200			12,7200					
Certificate	NL0012899678	GBPUS1.178TRLOPENH	EUR	11,1300	11,1300	11,1300			11,1300					
Certificate	NL0012089551	GBPUS1.181TL OPENH	EUR	11,8300	11,8300	11,8300			11,8300					
Certificate	NL0012089544	GBPUS1.191TL OPENH	EUR	10,9500	10,9500	10,9500			10,9500					
Certificate	DE000CE6C8K6	GBPUS1.192TL OPENZ	EUR	10,2500	10,2500	9,9850			9,9850					
Certificate	NL0012904528	GBPUS1.197TRLOPENH	EUR	9,4900	9,4900	9,4900			9,4900					
Certificate	NL0012089536	GBPUS1.201TL OPENH	EUR	10,0600	10,0600	10,0600			10,0600					
Certificate	NL0012089528	GBPUS1.212TL OPENH	EUR	9,1800	9,1800	9,1800			9,1800					
Certificate	NL0012201529	GBPUS1.217TRLOPENH	EUR	7,7600	7,7600	7,7600			7,7600					
Certificate	NL0012089510	GBPUS1.222TL OPENH	EUR	8,3000	8,3000	8,3000			8,3000					
Certificate	NL0012988950	GBPUS1.223TL OPENB	EUR	1,0350	1,0350	1,0350			1,0350					
Certificate	NL0012200323	GBPUS1.223TRLOPENH	EUR	7,2700	7,2700	7,2700			7,2700					
Certificate	NL0012089502	GBPUS1.232TL OPENH	EUR	7,4200	7,4200	7,4200			7,4200					
Certificate	NL0012906382	GBPUS1.242TRLOPENH	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	NL0012089494	GBPUS1.243TL OPENH	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	DE000CE6C923	GBPUS1.255TL OPENZ	EUR	4,8200	4,8200	4,5450			4,5450					
Certificate	NL0012200398	GBPUS1.255TRLOPENH	EUR	4,4500	4,4500	4,4500			4,4500					
Certificate	NL0012055800	GBPUS1.256TL OPENH	EUR	5,3400	5,3400	5,3400			5,3400					
Certificate	NL0012208037	GBPUS1.258TRSOPENH	EUR											
Certificate	NL0012208029	GBPUS1.259TRSOPENH	EUR											
Certificate	NL0013004096	GBPUS1.261TL OPENB	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	NL0012171755	GBPUS1.264TL OPENH	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	NL0012198436	GBPUS1.268TRLOPENH	EUR	3,3600	3,3600	3,3600			3,3600					
Certificate	NL0012889554	GBPUS1.273TRLOPENH	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	NL0012890222	GBPUS1.277TRLOPENH	EUR	2,5600	2,5600	2,5600			2,5600					
Certificate	NL0012890180	GBPUS1.281TRLOPENH	EUR	2,2100	2,2100	2,2100			2,2100					
Certificate	NL0012998298	GBPUS1.283TL OPENB	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	NL0012906150	GBPUS1.284TRLOPENH	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0012902340	GBPUS1.285TL OPENH	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	NL0012899652	GBPUS1.287TRLOPENH	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	NL0012906143	GBPUS1.289TRLOPENH	EUR	1,5900	1,5900	1,5200	238,5000	1	1,5200	150				
Certificate	NL0013085137	GBPUS1.291TL OPENH	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	NL0012904197	GBPUS1.292TRLOPENH	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	NL0013085129	GBPUS1.294TL OPENH	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	NL0012900500	GBPUS1.294TRLOPENH	EUR	1,5000	1,5000	1,0900	300,0000	1	1,0900	200				
Certificate	NL0013084718	GBPUS1.295TRLOPENH	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	NL0013085111	GBPUS1.297TL OPENH	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	NL0013079858	GBPUS1.297TRLOPENH	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	NL0013079841	GBPUS1.299TRLOPENH	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	NL0013079833	GBPUS1.301TRLOPENH	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	NL0013081144	GBPUS1.303TRLOPENH	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	NL0013083959	GBPUS1.304TRLOPENH	EUR	0,1800	0,1800	0,1800			0,1800					
Certificate	NL0013081136	GBPUS1.306TRLOPENH	EUR	0,3200	0,5400	0,3200	232,0000	4	0,5400	600				
Certificate	NL0013082456	GBPUS1.307TRLOPENH	EUR											
Certificate	NL0013082449	GBPUS1.309TRLOPENH	EUR											
Certificate	NL0013082431	GBPUS1.311TRLOPENH	EUR											
Certificate	NL0012905731	GBPUS1.322TRSOPENH	EUR											
Certificate	NL0012906127	GBPUS1.324TRSOPENH	EUR											
Certificate	NL0012905871	GBPUS1.324TS OPENH	EUR											
Certificate	NL0012904171	GBPUS1.327TRSOPENH	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	NL0012905509	GBPUS1.328TRSOPENH	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0013083124	GBPUS1.328TS OPENH	EUR	3,1300	3,1300	3,1300			3,1300					
Certificate	NL0012905491	GBPUS1.329TRSOPENH	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	NL0012929319	GBPUS1.331TRSOPENH	EUR	2,2100	2,2100	2,2100			2,2100					
Certificate	NL0012904163	GBPUS1.333TRSOPENH	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	NL0012982250	GBPUS1.333TS OPENB	EUR	0,5950	0,5950	0,5950			0,5950					
Certificate	NL0013085087	GBPUS1.333TS OPENH	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	NL0012905483	GBPUS1.334TRSOPENH	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	NL0013083942	GBPUS1.335TRSOPENH	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	NL0013085079	GBPUS1.336TS OPENH	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	NL0012918965	GBPUS1.337TRSOPENH	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	NL0012905475	GBPUS1.338TRSOPENH	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	NL0013084700	GBPUS1.339TRSOPENH	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	NL0012902316	GBPUS1.339TS OPENH	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	NL0013083934	GBPUS1.341TRSOPENH	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	NL0012916373	GBPUS1.343TRSOPENH	EUR	3,2300	3,2300	3,2300			3,2300					
Certificate	NL0013083926	GBPUS1.344TRSOPENH	EUR	3,3600	3,3600	3,3600			3,3600					
Certificate	NL0012902308	GBPUS1.344TS OPENH	EUR	4,4900	4,4900	4,4900			4,4900					
Certificate	NL0013082423	GBPUS1.345TRSOPENH	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	NL0012866230	GBPUS1.347TRSOPENH	EUR	3,6600	3,6600	3,6600			3,6600					
Certificate	NL0012866198	GBPUS1.351TRSOPENH	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	DE000CV89JC7	GBPUS1.353TS OPENZ	EUR	3,8900	4,1850	3,8900			4,1850					
Certificate	NL0012902290	GBPUS1.354TS OPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	NL0012866156	GBPUS1.355TRSOPENH	EUR	3,9300	4,3500	3,9300	196,5000	1	4,3500	50				
Certificate	NL0012793293	GBPUS1.358TS OPENB	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	NL0012888689	GBPUS1.363TS OPENH	EUR	6,1500	6,1500	6,1500			6,1500					
Certificate	NL0012848303	GBPUS1.365TRSOPENH	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	NL0012615801	GBPUS1.369TRSOPENH	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	NL0012614663	GBPUS1.373TRSOPENH	EUR	5,8700	5,8700	5,8700			5,8700					
Certificate	NL0012612832	GBPUS1.377TRSOPENH	EUR	6,2200	6,2200	6,2200			6,2200					
Certificate	NL0012612790	GBPUS1.381TRSOPENH	EUR	6,5600	6,5600	6,5600			6,5600					
Certificate	NL0012612758	GBPUS1.385TRSOPENH	EUR	6,9100	6,9100	6,9100			6,9100					
Certificate	NL0012612717	GBPUS1.389TRSOPENH	EUR	7,2600	7,2600	7,2600			7,2600					
Certificate	NL0012903900	GBPUS1.404TS OPENH	EUR	9,7700	9,7700	9,7700			9,7700					
Certificate	NL0012614614	GBPUS1.408TRSOPENH	EUR	8,9100	8,9100	8,9100			8,9100					
Certificate	NL0012785596	GBPUS1.408TS OPENB	EUR	1,2650	1,2650	1,2650			1,2650					
Certificate	DE000CV88K12	GBPUS1.413TS OPENZ	EUR	9,1200	9,4100	9,1200			9,4100					
Certificate	NL0012784086	GBPUS1.432TS OPENB	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	NL0012171649	GBPUS1.433TS OPENH	EUR	12,4400	12,4400	12,4400			12,4400					
Certificate	NL0012899645	GBPUS1.435TRSOPENH	EUR	11,2500	11,2500	11,2500			11,2500					
Certificate	NL0012171631	GBPUS1.443TS OPENH	EUR	13,3200	13,3200	13,3200			13,3200					
Certificate	NL0013082415	GBPUS1.445TRSOPENH	EUR	12,1500	12,1500	12,1500			12,1500					
Certificate	NL0012171623	GBPUS1.453TS OPENH	EUR	14,1900	14,1900	14,1900			14,1900					
Certificate	NL0012775266	GBPUS1.457TS OPENB	EUR	1,7150	1,7150	1,7150			1,7150					
Certificate	NL0012171615	GBPUS1.463TS OPENH	EUR	15,0500	15,0500	15,0500			15,0500					
Certificate	NL0012904510	GBPUS1.465TRSOPENH	EUR	13,8700	13,8700	13,8700			13,8700					
Certificate	NL0012171607	GBPUS1.473TS OPENH	EUR	15,9200	15,9200	15,9200			15,9200					
Certificate	DE000CE6D608	GBPUS1.473TS OPENZ	EUR	14,3300	14,6300	14,3300			14,6300					
Certificate	NL0012898985	GBPUS1.505TRSOPENH	EUR	17,3500	17,3500	17,3500			17,3500					
Certificate	NL0012899637	GBPUS1.515TRSOPENH	EUR	18,2200	18,2200	18,2200			18,2200					
Certificate	NL0012898969	GBPUS1.555TRSOPENH	EUR	21,7100	21,7100	21,7100			21,7100					
Certificate	DE000CV4ZV98	GBPUS1.611TS OPENZ	EUR	26,3500	26,6600	26,3500			26,6600					
Certificate	NL0012898944	GBPUS1.615TRSOPENH	EUR	26,9300	26,9300	26,9300			26,9300					
Certificate	NL0012578991	GBPUS1.632TS OPENH	EUR	29,8900	29,8900	29,8900			29,8900					
Certificate	NL0012898928	GBPUS1.675TRSOPENH	EUR	32,1600	32,1600	32,1600			32,1600					
Certificate	DE0006874803	GBUGS PI OPENN	EUR	133,3100	133,3100	133,3100			133,3100					
Certificate	NL0011264189	GBUGS 79.4TL OPENB	EUR	7,2600	7,2600	7,2600			7,2600					
Certificate	NL0011264197	GBUGS 95.9TL OPENB	EUR	5,9600	5,9600	5,9600			5,9600					
Certificate	NL0011639588	GBUGS112.3TL OPENB	EUR	4,6600	4,6600	4,6600			4,6600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011642673	GBUGS128.5TL OPENB	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	NL0012989974	GBUGS152.1TS OPENB	EUR											
Certificate	NL0012985709	GBUGS175.1TS OPENB	EUR	3,2750	3,2750	3,2750			3,2750					
Certificate	NL0013010739	GBUGS201.3TS OPENB	EUR	5,8050	5,8050	5,8050			5,8050					
Certificate	NL0012021315	GBUGS232.1TS OPENB	EUR	8,7950	8,7950	8,7950			8,7950					
Certificate	DE000VL51233	GDAXI LEVOPENV	EUR	0,2960	0,2960	0,2960			0,2960					
Certificate	DE000VN61X98	GDAXI LEVOPENV	EUR	1,1850	1,1850	1,1850			1,1850					
Certificate	DE000VN61X72	GDAXI LEVOPENV	EUR	12,2950	12,2950	12,2950			12,2950					
Certificate	DE000VL51217	GDAXI LEVOPENV	EUR	0,9280	0,9280	0,9280			0,9280					
Certificate	DE000VN61YA6	GDAXI LEVOPENV	EUR	0,2660	0,2660	0,2660			0,2660					
Certificate	DE000VL51209	GDAXI LEVOPENV	EUR	6,1450	6,1450	6,1450			6,1450					
Certificate	DE000VN61X80	GDAXI LEVOPENV	EUR	4,6350	4,6350	4,6350			4,6350					
Certificate	DE000VL51241	GDAXI LEVOPENV	EUR	0,0280	0,0280	0,0280			0,0280					
Certificate	DE000VN61YE8	GDAXI SHROPENV	EUR	0,1320	0,1560	0,1300	6660,0000	2	0,1540	45000				
Certificate	DE000VN61YC2	GDAXI SHROPENV	EUR	2,8650	2,8650	2,8650			2,8650					
Certificate	DE000VA234W3	GDAXI SHROPENV	EUR	15,4900	15,4900	15,4900			15,4900					
Certificate	DE000VN61YB4	GDAXI SHROPENV	EUR	6,4650	6,4650	6,4650			6,4650					
Certificate	DE000VN61YD0	GDAXI SHROPENV	EUR	0,5760	0,6840	0,5760	4344,0000	2	0,6840	7000				
Certificate	NL0000479152	GDRUG PI OPENN	EUR	24,0600	24,7400	24,0600			24,7400					
Certificate	NL0011521554	GE 31.2TS OPENB	EUR	19,4400	19,4400	19,4400			19,4400					
Certificate	NL0011530662	GE 34.5TS OPENB	EUR	22,6200	22,6200	22,6200			22,6200					
Certificate	DE000CJ3N583	GEAUT 9TL OPENZ	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	DE000CJ3NWG4	GEAUT 12TL OPENZ	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	DE000CJ3NYES	GEAUT 10.5TL OPENZ	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	DE000CJ3PDM7	GEAUT 13.5TL OPENZ	EUR	0,1200	0,1200	0,1200			0,1200					
Certificate	DE000CE6BQ80	GENMA LEVOPENZ	EUR	0,1060	0,1150	0,1060	95,4000	1	0,1150	900				
Certificate	DE000CE6BQA2	GENMA SHROPENZ	EUR	1,9180	1,9180	1,9180			1,9180					
Certificate	NL0011425384	GENMA 475TL OPENB	EUR	6,3350	6,3350	6,3350			6,3350					
Certificate	NL0011425392	GENMA 527TL OPENB	EUR	5,6950	5,6950	5,6950			5,6950					
Certificate	NL0011425400	GENMA 581TL OPENB	EUR	5,0450	5,0450	5,0450			5,0450					
Certificate	NL0011442751	GENMA 634TL OPENB	EUR	4,3850	4,3850	4,3850			4,3850					
Certificate	NL0011649959	GENMA 687TL OPENB	EUR	3,7550	3,7550	3,7550			3,7550					
Certificate	NL0011651930	GENMA 739TL OPENB	EUR	3,1150	3,1150	3,1150	3500,0000	1	3,5150	1000				
Certificate	NL0011655212	GENMA 791TL OPENB	EUR	2,4750	2,8250	2,4750	2157,5000	4	2,8250	780				
Certificate	DE000VA71TP0	GENMA 826TL OPENV	EUR											
Certificate	NL0011795976	GENMA 843TL OPENB	EUR											
Certificate	DE000VA71HK1	GENMA 876TL OPENV	EUR											
Certificate	DE000VA7PV75	GENMA 1007TS OPENV	EUR	1,5765	1,5765	1,1395			1,1395					
Certificate	DE000VA7PW87	GENMA 1011TS OPENV	EUR	2,3015	2,3015	1,8635			1,8635					
Certificate	DE000VA3TFH0	GENMA 1015TS OPENV	EUR											
Certificate	DE000VA3TFJ6	GENMA 1017TS OPENV	EUR											
Certificate	NL0013012958	GENMA 1026TS OPENB	EUR											
Certificate	DE000VA64XJ0	GENMA 1057TS OPENV	EUR	2,2435	2,2435	1,8055			1,8055					
Certificate	DE000VA64XK8	GENMA 1061TS OPENV	EUR	2,9985	2,9985	2,5615			2,5615					
Certificate	DE000VA6D500	GENMA 1109TS OPENV	EUR	2,9115	2,9115	2,4735			2,4735					
Certificate	DE000VA6D518	GENMA 1111TS OPENV	EUR	3,6765	3,6765	3,2395			3,2395					
Certificate	NL0013012966	GENMA 1117TS OPENB	EUR											
Certificate	DE000VA4YOV4	GENMA 1131TS OPENV	EUR	3,1765	3,1765	2,7395			2,7395					
Certificate	DE000VA5RB46	GENMA 1133TS OPENV	EUR	3,9545	3,9545	3,5175			3,5175					
Certificate	DE000VL76M20	GENMA 1135TL OPENV	EUR											
Certificate	DE000VL76M05	GENMA 1155TL OPENV	EUR											
Certificate	DE000VA32492	GENMA 1155TS OPENV	EUR	4,2255	4,2255	3,7885			3,7885					
Certificate	DE000VA15TN2	GENMA 1157TS OPENV	EUR	3,4405	3,4405	3,0025			3,0025					
Certificate	DE000VA4RLS2	GENMA 1174TS OPENV	EUR	3,7105	3,7105	3,2725			3,2725					
Certificate	DE000VA5ELM5	GENMA 1191TS OPENV	EUR	3,9785	3,9785	3,5415			3,5415					
Certificate	DE000VA4RM44	GENMA 1195TS OPENV	EUR	4,7915	4,7915	4,3545			4,3545					
Certificate	NL0012975700	GENMA 1217TS OPENB	EUR	6,0250	6,0250	6,0250			6,0250					
Certificate	DE000VA1SQK7	GENMA 1237TL OPENV	EUR											
Certificate	DE000VA15SZ8	GENMA 1237TS OPENV	EUR	4,5005	4,5005	4,0635			4,0635					
Certificate	DE000VA15S06	GENMA 1237TS OPENV	EUR	5,3250	5,3250	4,8915			4,8915					
Certificate	DE000VA15R64	GENMA 1257TS OPENV	EUR	5,5950	5,5950	5,1650			5,1650					
Certificate	DE000VA15R49	GENMA 1257TS OPENV	EUR	4,7625	4,7625	4,3255			4,3255					
Certificate	DE000VA15R56	GENMA 1277TS OPENV	EUR	5,0275	5,0275	4,5895			4,5895					
Certificate	DE000VA15R72	GENMA 1277TS OPENV	EUR	5,8750	5,8750	5,4350			5,4350					
Certificate	DE000CE6FEB7	GENMA 1295TS OPENZ	EUR	6,8900	6,8900	6,8900			6,8900					
Certificate	DE000VA1SQ67	GENMA 1297TS OPENV	EUR											
Certificate	DE000VA1ZGL1	GENMA 1298TS OPENV	EUR	5,2850	5,2850	4,8535			4,8535					
Certificate	NL0012975718	GENMA 1316TS OPENB	EUR	7,5050	7,5050	7,5050			7,5050					
Certificate	DE000VA1ZGM9	GENMA 1318TS OPENV	EUR	5,5550	5,5550	5,1150			5,1150					
Certificate	DE000CN6JDA2	GENMA643.9TL OPENZ	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	DE000CJ3N3A7	GENMA722.2TL OPENZ	EUR	3,6600	3,6600	3,6600			3,6600					
Certificate	DE000CN6K0X7	GENMA802.2TL OPENZ	EUR	2,7800	2,7800	2,6700	278,0000	1	2,6700	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	DE000VA71TD6	GENMA824.8TL OPENV	EUR											
Certificate	DE000VA71XP2	GENMA850.6TL OPENV	EUR	1,2075	1,6435	1,2075			1,6435					
Certificate	DE000VA71W43	GENMA853.2TL OPENV	EUR	0,6775	1,1065	0,6775	630,0000	2	1,1065		800			
Certificate	DE000VA15TZ6	GENMA854.5TL OPENV	EUR											
Certificate	DE000VA15T05	GENMA874.5TL OPENV	EUR											
Certificate	DE000VA77GM9	GENMA874.8TL OPENV	EUR											
Certificate	DE000CN6KPC0	GENMA886.9TL OPENZ	EUR											
Certificate	DE000VA15T13	GENMA894.5TL OPENV	EUR											
Certificate	DE000VA77GK3	GENMA956.3TS OPENV	EUR	0,9095	0,9095	0,5315			0,5315					
Certificate	DE000VA77HJ3	GENMA960.6TS OPENV	EUR	1,6055	1,6055	1,1110	693,6000	2	1,1995		600			
Certificate	DE000VA27745	GENMA977.1TS OPENV	EUR											
Certificate	DE000VA37H65	GENMA977.1TS OPENV	EUR											
Certificate	DE000VA37EX0	GENMA994.6TL OPENV	EUR											
Certificate	DE000VA37EZ5	GENMA995.3TL OPENV	EUR											
Certificate	DE000VA37H73	GENMA997.1TS OPENV	EUR											
Certificate	DE000CV880E9	GFS 1.6TL OPENZ	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000CV42VF4	GFS 1.82TL OPENZ	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	DE000CV4VZX1	GFS 2.05TL OPENZ	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CX598V9	GILEA 60TL OPENC	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	DE000CD61PF4	GILEA 63.5TL OPENZ	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	DE000CD638X3	GILEA58.04TL OPENZ	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CV42TV5	GIMV 43.1TL OPENZ	EUR	0,6150	0,6150	0,6150			0,6150					
Certificate	DE000CV89B87	GIMV 28.45TL OPENZ	EUR	2,0150	2,0150	2,0150			2,0150					
Certificate	DE000CE6D6C6	GIMV 32.76TL OPENZ	EUR	1,6050	1,6050	1,6050			1,6050					
Certificate	DE000CE6CQM5	GIMV 36.95TL OPENZ	EUR	1,2050	1,2050	1,2050			1,2050					
Certificate	DE000CE6CQL7	GIMV 41.15TL OPENZ	EUR	0,8050	0,8050	0,8050			0,8050					
Certificate	DE000CV4YVD6	GIVN 1753TL OPENZ	EUR	2,6750	2,6750	2,6750			2,6750					
Certificate	DE000CV508T4	GIVN 1956TL OPENZ	EUR	1,8150	1,8150	1,8150			1,8150					
Certificate	DE000CV89SN5	GIVN 2159TL OPENZ	EUR	0,9550	0,9550	0,9550			0,9550					
Certificate	DE000CR9Q7V8	GLAXO10.14TL OPENZ	EUR											
Certificate	DE000CR9PR57	GLAXO10.98TL OPENZ	EUR											
Certificate	DE000CN6FBU2	GLAXO11.99TL OPENZ	EUR											
Certificate	DE000CV886G1	GLAXO12.98TL OPENZ	EUR											
Certificate	DE000CR9ROA6	GLAXO9.114TL OPENZ	EUR											
Certificate	DE000CN6HVG3	GLENC 0.68TL OPENZ	EUR	2,7850	2,7850	2,7850			2,7850					
Certificate	DE000CN6K8C4	GLENC 1.22TL OPENZ	EUR	2,2050	2,2050	2,2050			2,2050					
Certificate	DE000CD635S9	GLENC 1.92TL OPENZ	EUR	1,4350	1,4350	1,4350			1,4350					
Certificate	DE000CD63EL2	GLENC 2.25TL OPENZ	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	DE000CD64C38	GLENC 2.61TL OPENZ	EUR	0,7000	0,7000	0,6950	5600,0000	1	0,6950		8000			
Certificate	DE000CJ3NQK8	GLENC 3.03TL OPENZ	EUR											
Certificate	DE000CY50WZ7	GLPG 50TL OPENC	EUR	4,3300	4,3300	4,3300			4,3300					
Certificate	DE000CY50UM9	GLPG 50TL OPENC	EUR	4,3200	4,3200	4,3200			4,3200					
Certificate	DE000CY50X00	GLPG 55TL OPENC	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	DE000CY50J08	GLPG 56TL OPENC	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	DE000CY50J57	GLPG 58TL OPENC	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	DE000CY50J16	GLPG 58TL OPENC	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	DE000CY50J65	GLPG 60TL OPENC	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	DE000CY16M30	GLPG 60TL OPENC	EUR	3,2100	3,2800	3,2000	481,5000	1	3,2800		150			
Certificate	DE000CY511D9	GLPG 62TL OPENC	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	DE000CY52BE2	GLPG 65TL OPENC	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	DE000CY511B3	GLPG 65TL OPENC	EUR	2,6900	2,8500	2,6900	45440,0000	9	2,8000		16600			
Certificate	DE000CY514E1	GLPG 70TL OPENC	EUR											
Certificate	DE000CY516N7	GLPG 70TL OPENC	EUR	2,1700	2,4400	2,1700	25995,1400	20	2,3800		11112			
Certificate	DE000CQ58P02	GLPG 75TL OPENC	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	DE000CQ58NF6	GLPG 75TL OPENC	EUR	1,7700	1,8800	1,7700	11970,0000	5	1,8700		6400			
Certificate	DE000CQ58089	GLPG 75TL OPENC	EUR											
Certificate	DE000CQ582J7	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	DE000CP06ZT3	GLPG 90TS OPENC	EUR											
Certificate	DE000CP06TX8	GLPG 90TS OPENC	EUR											
Certificate	NL0012976625	GLPG 91BOC06198	EUR	89,2600	89,2600	89,1100					89,1100			
Certificate	DE000CP06MA1	GLPG 100TS OPENC	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	DE000CP06PH9	GLPG 100TS OPENC	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	NL0012796403	GLPG 101BOC0919Z	EUR	90,3600	90,3600	90,3600					90,3600			
Certificate	NL0012793038	GLPG 103BOC1218B	EUR	101,1300	101,1300	100,9100					100,9100			
Certificate	NL0012796668	GLPG 105BOC0919Z	EUR	90,7200	90,7200	90,7200					90,7200			
Certificate	NL0012796676	GLPG 105BOC1219Z	EUR	91,1200	91,1200	91,1200					91,1200			
Certificate	NL0012796411	GLPG 105BOC1219Z	EUR	91,1200	91,1200	91,1200					91,1200			
Certificate	DE000CY51C12	GLPG 110TS OPENC	EUR	2,1300	2,1300	2,1300					2,1300			



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	DE000CV51AC0	GLPG 110TS OPENC	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	NL0012796684	GLPG 1158OC1219Z	EUR	91,1500	91,1500	91,1500			91,1500					
Certificate	DE000CP06K50	GLPG 120TS OPENC	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	DE000CP06K19	GLPG 120TS OPENC	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	DE000CP06K68	GLPG 130TS OPENC	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	DE000CP06K27	GLPG 130TS OPENC	EUR	4,1000	4,1000	4,1000			4,1000					
Certificate	NL0011898101	GLPG 41.3TL OPENB	EUR	52,7300	53,9700	52,7300			53,9700					
Certificate	NL0011818539	GLPG 43.2TL OPENB	EUR	50,9500	52,1900	50,9500			52,1900					
Certificate	NL0011898119	GLPG 45.4TL OPENB	EUR	48,9700	50,2100	48,9700			50,2100					
Certificate	NL0012016281	GLPG 50.2TL OPENB	EUR	44,5400	45,8300	44,5400	445,4000	1	45,8300	10				
Certificate	NL0012016489	GLPG 52.8TL OPENB	EUR	42,2500	43,4900	42,2500			43,4900					
Certificate	NL0012030472	GLPG 55.5TL OPENB	EUR	39,8300	41,0700	39,8300			41,0700					
Certificate	NL0012100606	GLPG 58.3TL OPENB	EUR	37,3000	38,5400	37,3000			38,5400					
Certificate	NL0012108377	GLPG 61.2TL OPENB	EUR	34,5900	35,8300	34,5900	12446,0000	1	35,8300	350				
Certificate	NL0012488019	GLPG 66.3TL OPENB	EUR	29,9700	31,2100	29,9700			31,2100					
Certificate	NL0012692172	GLPG 69.3TL OPENB	EUR	27,2300	28,4700	27,2300			28,4700					
Certificate	NL0012580880	GLPG 70.7TL OPENH	EUR	2,5900	2,7700	2,5900	4253,6900	3	2,7300	1597				
Certificate	NL0012976898	GLPG 72.4TL OPENB	EUR	24,4500	25,6900	24,4500			25,6900					
Certificate	NL0012976906	GLPG 75.4TL OPENB	EUR	21,6600	23,2100	21,6600	30254,2000	6	22,9500	1330				
Certificate	NL0012978407	GLPG 78.4TL OPENB	EUR	19,0000	20,3400	19,0000	9732,3600	2	20,2400	484				
Certificate	NL001297001	GLPG 81.4TL OPENB	EUR	16,2900	17,5300	16,0600	24752,0000	4	17,5300	1450				
Certificate	LU1840960055	GLPG 88.1TPIOPENS	EUR											
Certificate	NL0013010119	GLPG 89.2TS OPENB	EUR											
Certificate	NL0013005606	GLPG 95.2TS OPENB	EUR	1,5750	1,5750	1,4450			1,4450					
Certificate	LU1784830991	GLPG 96.8TS OPENS	EUR											
Certificate	NL0013001936	GLPG 101.1TS OPENB	EUR	2,2250	2,2250	2,1050			2,1050					
Certificate	LU1840348830	GLPG 103.4TPIOPENS	EUR	13,8200	13,9200	13,8200	414,6000	1	13,9200	30				
Certificate	NL0012677488	GLPG 105.18S OPENB	EUR	17,0500	17,0500	15,7900			15,7900					
Certificate	NL0012910558	GLPG 105.3TS OPENH	EUR	2,6800	2,6800	2,5600			2,5600					
Certificate	LU1784830728	GLPG 105.6TS OPENS	EUR											
Certificate	DE000CE6CEZ3	GLPG 105.9TS OPENZ	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	NL0013002975	GLPG 107.1TS OPENB	EUR	2,9050	2,9050	2,7750			2,7750					
Certificate	LU1817318188	GLPG 107.2TPIOPENS	EUR	17,6200	17,6200	17,6200			17,6200					
Certificate	NL0012984355	GLPG 108.18S OPENB	EUR	20,0400	20,0400	18,7500	847,0000	2	18,7700	44				
Certificate	NL0012985618	GLPG 111.18S OPENB	EUR	23,0300	23,0300	21,7600			21,7600					
Certificate	LU1817318261	GLPG 112.3TPIOPENS	EUR	22,6400	22,6400	22,6400			22,6400					
Certificate	NL0012997266	GLPG 114.18S OPENB	EUR	26,0400	26,0400	24,7700			24,7700					
Certificate	DE000CV8A6J6	GLPG 115.2TS OPENZ	EUR	3,2700	3,2700	3,2700			3,2700					
Certificate	DE000CV8AGL7	GLPG 124.5TS OPENZ	EUR	4,2700	4,2700	4,2700			4,2700					
Certificate	DE000CN6JF02	GLPG 18.35TL OPENZ	EUR	3,7250	3,7250	3,7250			3,7250					
Certificate	DE000CN6EQE7	GLPG 21.54TL OPENZ	EUR	3,5750	3,5750	3,5750			3,5750					
Certificate	DE000CN6EN80	GLPG 25.32TL OPENZ	EUR	3,3950	3,3950	3,3950			3,3950					
Certificate	DE000CR9R185	GLPG 32.85TL OPENZ	EUR	3,0450	3,0450	3,0450			3,0450					
Certificate	DE000CN6ETT9	GLPG 36.54TL OPENZ	EUR	2,8750	2,8750	2,8750			2,8750					
Certificate	DE000CN6JU04	GLPG 39.44TL OPENZ	EUR	2,7300	2,7450	2,7300	10920,0000	1	2,7450	4000				
Certificate	NL0011899190	GLPG 42.568L OPENB	EUR	48,8100	50,0500	48,8100			50,0500					
Certificate	DE000CN6L865	GLPG 42.99TL OPENZ	EUR	2,5750	2,5750	2,5750			2,5750					
Certificate	NL0011899216	GLPG 46.818L OPENB	EUR	44,5600	45,8000	44,5600			45,8000					
Certificate	DE000CD61LN7	GLPG 47.02TL OPENZ	EUR	2,3850	2,3850	2,3850			2,3850					
Certificate	NL0011915012	GLPG 48.928L OPENB	EUR	42,4500	43,6900	42,4500			43,6900					
Certificate	DE000CD62508	GLPG 51.02TL OPENZ	EUR	2,1300	2,2050	2,1300	915,9000	1	2,2050	430				
Certificate	NL0012016380	GLPG 51.038L OPENB	EUR	40,3400	41,5800	40,3400			41,5800					
Certificate	NL0012592794	GLPG 52.53TL OPENH	EUR	4,2400	4,3800	4,2400			4,3800					
Certificate	NL0012016562	GLPG 53.138L OPENB	EUR	38,2400	39,4800	38,2400			39,4800					
Certificate	NL0012028856	GLPG 55.238L OPENB	EUR	36,1400	37,3800	36,1400			37,3800					
Certificate	DE000CD63MR2	GLPG 55.51TL OPENZ	EUR	2,0050	2,0050	2,0050			2,0050					
Certificate	NL0012585293	GLPG 56.54TL OPENH	EUR	3,8700	4,0200	3,8700			4,0200					
Certificate	NL0012100044	GLPG 57.328L OPENB	EUR	34,1000	35,3400	34,1000			35,3400					
Certificate	NL0012100929	GLPG 59.418L OPENB	EUR	31,9600	33,2000	31,9600			33,2000					
Certificate	DE000CD645U4	GLPG 59.91TL OPENZ	EUR	1,7400	1,7850	1,7400	174,0000	1	1,7850	100				
Certificate	NL0012102263	GLPG 61.518L OPENB	EUR	29,8700	31,5900	29,8700	536,1800	1	31,1100	17				
Certificate	NL0012580906	GLPG 62.62TL OPENH	EUR	3,3200	3,4600	3,3200			3,4600					
Certificate	NL0012113682	GLPG 63.588L OPENB	EUR	27,7900	29,0300	27,7900			29,0300					
Certificate	LU1650907055	GLPG 65.39TCIOPENS	EUR	25,9700	26,5200	25,9700	1298,5000	1	26,5200	50				
Certificate	DE000CE6BH80	GLPG 65.39TL OPENZ	EUR	1,4500	1,5250	1,4500	2509,8900	3	1,5250	1701				
Certificate	NL0012580898	GLPG 66.66TL OPENH	EUR	2,9500	3,0900	2,9500			3,0900					
Certificate	NL0012488100	GLPG 66.678L OPENB	EUR	25,5500	26,7900	25,5500	2278,4600	4	26,7900	86				
Certificate	LU1573743462	GLPG 67.31TCIOPENS	EUR	23,6200	24,5500	23,6000	8669,9900	3	24,1200	365				
Certificate	LU1650954560	GLPG 69.61TCIOPENS	EUR	21,4000	22,6100	21,4000	12215,7800	10	22,2300	556				
Certificate	NL0012700959	GLPG 69.738L OPENB	EUR	22,4900	23,7300	22,4900	11536,6000	4	23,7300	495				
Certificate	DE000CE6E929	GLPG 71.91TL OPENZ	EUR	2,3600	2,4500	2,3400	1666,6000	3	2,4500	690				
Certificate	LU1790451410	GLPG 72.57TCIOPENS	EUR	20,3900	20,3900	20,3900			20,3900					



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	NL0012976682	GLPG 72.75BL OPENB	EUR	19,4700	20,7400	19,2000	15506,1600	6	20,7100	772				
Certificate	NL0012977359	GLPG 75.76BL OPENB	EUR	16,4600	18,2100	16,4600	9353,1500	4	17,7000	535				
Certificate	NL0012935738	GLPG 76.58TL OPENH	EUR	2,0500	2,2100	2,0500	272,2500	2	2,1900	125				
Certificate	LU1817217661	GLPG 77.23CIOPENS	EUR	15,2900	16,3000	15,2900	3593,8000	3	16,0600	225				
Certificate	DE000CJ3N617	GLPG 77.91TL OPENZ	EUR	1,8200	1,8800	1,8200	2730,0000	1	1,8800	1500				
Certificate	NL0012979439	GLPG 78.78BL OPENB	EUR	13,4400	15,2700	13,1300	25058,7100	16	14,6800	1773				
Certificate	LU1817216267	GLPG 79.12CIOPENS	EUR	13,4900	14,1800	13,4900	269,8000	1	14,1800	20				
Certificate	LU1817292367	GLPG 81.44CIOPENS	EUR	11,1000	12,5000	11,1000	7976,4400	8	11,9100	679				
Certificate	NL0012996839	GLPG 81.78BL OPENB	EUR	10,4400	12,3300	10,2100	31776,2500	21	11,6800	2831				
Certificate	DE000CV88DU3	GLPG 82.58TL OPENZ	EUR											
Certificate	LU1841096891	GLPG 85.43CIOPENS	EUR	7,4900	8,1500	7,4900	194,7400	1	8,1500	26				
Certificate	LU1841096974	GLPG 87.36CIOPENS	EUR	6,2500	6,2500	6,2500			6,2500					
Certificate	LU1840911868	GLPG 91.07TPIOPENS	EUR											
Certificate	NL0013006992	GLPG 93.13BS OPENB	EUR	0,5150	0,5150	0,3950			0,3950					
Certificate	LU1840911942	GLPG 94.44TPIOPENS	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	DE000CJ3N3L4	GLPG 95.89TS OPENZ	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	NL0013004443	GLPG 99.11BS OPENB	EUR	1,1150	1,1150	0,9950			0,9950					
Certificate	NL0012370779	GMLTO 31TL OPENH	EUR	2,2200	2,2300	2,2200			2,2300					
Certificate	DE000CY52M84	GMLTO 45TL OPENC	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000CW3AWX9	GMLTO 70TS OPENC	EUR											
Certificate	DE000CX00M47	GMLTO 75TS OPENC	EUR											
Certificate	DE000CW3AES7	GMLTO 80TS OPENC	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	DE000CX00N95	GMLTO 80TS OPENC	EUR											
Certificate	NL0011713904	GMLTO 96TS OPENH	EUR	5,6400	5,6400	5,6300			5,6300					
Certificate	NL0012438279	GMLTO 12.4TL OPENH	EUR	3,9100	3,9200	3,9100			3,9200					
Certificate	NL0011991138	GMLTO 16.4TL OPENH	EUR	3,5400	3,5600	3,5400			3,5600					
Certificate	NL0011991120	GMLTO 20.5TL OPENH	EUR	3,1600	3,1800	3,1600			3,1800					
Certificate	NL0012526552	GMLTO 24.4TL OPENH	EUR	2,8100	2,8300	2,8100			2,8300					
Certificate	NL0012500672	GMLTO 25.8TL OPENB	EUR	26,3200	26,4000	26,3200			26,4000					
Certificate	NL0011416433	GMLTO 27.4TL OPENH	EUR	2,5400	2,5600	2,5400			2,5600					
Certificate	NL0012496677	GMLTO 28.8TL OPENB	EUR	23,4800	23,5600	23,4800			23,5600					
Certificate	NL0012500581	GMLTO 28.9BL OPENB	EUR	22,3500	22,4300	22,3500			22,4300					
Certificate	NL0012527956	GMLTO 30.5TL OPENH	EUR	2,2600	2,2700	2,2600			2,2700					
Certificate	NL0012541767	GMLTO 30.7TL OPENH	EUR	2,2400	2,2600	2,2400			2,2600					
Certificate	NL0012693170	GMLTO 31.9TL OPENB	EUR	20,6300	20,7100	20,6300			20,7100					
Certificate	NL0012548192	GMLTO 34.3TL OPENH	EUR	1,9100	1,9300	1,9100			1,9300					
Certificate	NL0012548184	GMLTO 36.3TL OPENH	EUR	1,7300	1,7400	1,7300			1,7400					
Certificate	NL0012548176	GMLTO 38.3TL OPENH	EUR	1,5400	1,5600	1,5400			1,5600					
Certificate	NL0012548168	GMLTO 40.4TL OPENH	EUR	1,3600	1,3800	1,3600			1,3800					
Certificate	NL0012548150	GMLTO 42.4TL OPENH	EUR	1,1700	1,1900	1,1700			1,1900					
Certificate	NL0012549091	GMLTO 44.4TL OPENH	EUR	0,9900	1,0100	0,9900			1,0100					
Certificate	NL0012549943	GMLTO 46.4TL OPENH	EUR	0,8000	0,8200	0,8000			0,8200					
Certificate	NL0012370746	GMLTO 50.7TS OPENH	EUR	0,6100	0,6100	0,6000			0,6000					
Certificate	NL0012494579	GMLTO 53.4BOC12188	EUR	53,1500	53,1500	53,1500			53,1500					
Certificate	NL0012523898	GMLTO 54.6TS OPENH	EUR	1,0400	1,0400	1,0300			1,0300					
Certificate	NL0012206783	GMLTO 57.9TS OPENH	EUR	1,4100	1,4100	1,4000			1,4000					
Certificate	NL0011442587	GMLTO 61.3BS OPENB	EUR	1,2000	1,2000	1,1900			1,1900					
Certificate	NL0012437891	GMLTO 62.4TS OPENH	EUR	1,9000	1,9000	1,8900			1,8900					
Certificate	NL0011425418	GMLTO 63.6TS OPENB	EUR	18,5300	18,5300	18,4300			18,4300					
Certificate	NL0011991039	GMLTO 64.6TS OPENH	EUR	2,1600	2,1600	2,1500			2,1500					
Certificate	NL0012435267	GMLTO 70.2TS OPENH	EUR	2,7700	2,7700	2,7600			2,7600					
Certificate	NL0012240147	GMLTO 73.4TS OPENH	EUR	3,1300	3,1300	3,1200			3,1200					
Certificate	NL0012330187	GMLTO 83.5TS OPENH	EUR	4,2600	4,2600	4,2500			4,2500					
Certificate	NL0012488951	GMLTO26.83BL OPENB	EUR	24,4200	24,5000	24,4200			24,5000					
Certificate	DE000CE6F264	GMLTO26.88TL OPENZ	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	DE000CE6EY0	GMLTO28.98TL OPENZ	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	NL0012279590	GMLTO30.95BL OPENB	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000CE6EMM0	GMLTO31.05TL OPENZ	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	DE000CR9S779	GMLTO61.48TS OPENZ	EUR	1,1200	1,1200	1,1200			1,1200					
Certificate	NL0009938836	GMOTR11.59TL OPENB	EUR	17,9800	17,9800	17,9800			17,9800					
Certificate	NL0010132064	GMOTR13.91TL OPENB	EUR	16,1300	16,1300	16,1300			16,1300					
Certificate	NL0011903802	GMOTR25.61TL OPENB	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	NL0011917034	GMOTR28.47TL OPENB	EUR	4,6000	4,6000	4,6000			4,6000					
Certificate	DE000VN610A5	GOLD LEVOPENV	EUR	5,3150	5,5050	5,1850	120109,0200	2	5,5050	22703				
Certificate	DE000VN61296	GOLD LEVOPENV	EUR	9,5650	9,7550	9,5650			9,7550					
Certificate	DE000VN610B3	GOLD LEVOPENV	EUR	2,9750	3,1350	2,8600	286,0000	1	3,1350	100				
Certificate	DE000CE6C1A2	GOLD LEVOPENZ	EUR	8,4550	8,5050	8,4550			8,5050					
Certificate	DE000CE6C1B0	GOLD LEVOPENZ	EUR	5,6600	5,8000	5,6600			5,8000					
Certificate	DE000CE6C1D6	GOLD LEVOPENZ	EUR	2,3630	2,4800	2,3630			2,4800					
Certificate	NL0000778801	GOLD PI OPENN	EUR	10,6600	10,6600	10,6600			10,6600					
Certificate	DE000VN610D9	GOLD SHROPENV	EUR	3,7950	3,7950	3,6650			3,6650					
Certificate	DE000VN610C1	GOLD SHROPENV	EUR	8,7450	8,7450	8,5950			8,5950					



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	DE000VN610E7	GOLD SHROPENV	EUR	1,5750	1,5750	1,4950			1,4950					
Certificate	DE000CE6C1C8	GOLD SHROPENZ	EUR	8,3700	8,3700	8,1900			8,1900					
Certificate	DE000CE6C1E4	GOLD SHROPENZ	EUR	5,2050	5,2050	4,9740			4,9740					
Certificate	NL0000457703	GOLD 602TL OPENB	EUR	57,0700	57,0700	57,0700			57,0700					
Certificate	NL0000457679	GOLD 619TL OPENB	EUR	55,6400	55,6400	55,6400			55,6400					
Certificate	NL0000459378	GOLD 639TL OPENB	EUR	54,0400	54,0400	54,0400			54,0400					
Certificate	NL0000452894	GOLD 654TL OPENB	EUR	52,7900	52,7900	52,7900			52,7900					
Certificate	NL0000174795	GOLD 668TL OPENB	EUR	51,6300	51,6300	51,6300			51,6300					
Certificate	NL0000430742	GOLD 670TL OPENB	EUR	51,4700	51,4700	51,4700			51,4700					
Certificate	NL0000431138	GOLD 699TL OPENB	EUR	49,0500	49,0500	49,0500			49,0500					
Certificate	NL0000171015	GOLD 724TL OPENB	EUR	47,0000	47,0000	47,0000			47,0000					
Certificate	NL0000171262	GOLD 739TL OPENB	EUR	45,7300	45,7300	45,7300			45,7300					
Certificate	NL0000172435	GOLD 765TL OPENB	EUR	43,5500	43,5500	43,5500			43,5500					
Certificate	NL0000172443	GOLD 780TL OPENB	EUR	41,8300	42,3500	41,8300	376,4700	1	42,3500	9				
Certificate	NL0000174092	GOLD 791TL OPENB	EUR	41,3900	41,3900	41,3900			41,3900					
Certificate	NL0000173045	GOLD 809TL OPENB	EUR	39,9500	39,9500	39,9500			39,9500					
Certificate	NL0000377968	GOLD 829TL OPENB	EUR	36,2500	36,2500	36,2500			36,2500					
Certificate	NL0000078327	GOLD 861TL OPENB	EUR	35,5800	35,5800	35,5800			35,5800					
Certificate	DE000CV8AVT9	GOLD 900TL 1218Z	EUR	2,8550	2,9050	2,8550			2,9050					
Certificate	NL0006473126	GOLD 902TL OPENB	EUR	29,9700	29,9700	29,9700			29,9700					
Certificate	DE000CX0K6H2	GOLD 920TL OPENC	EUR	19,7300	19,7300	19,7300			19,7300					
Certificate	NL00006518250	GOLD 928TL OPENB	EUR	27,7400	27,7400	27,7400			27,7400					
Certificate	DE000CX0K6G4	GOLD 950TL OPENC	EUR	16,8800	16,8800	16,8800			16,8800					
Certificate	NL00006520884	GOLD 956TL OPENB	EUR	25,4200	25,4200	25,4200			25,4200					
Certificate	NL0011423553	GOLD 959TL OPENH	EUR	24,9700	24,9700	24,9700			24,9700					
Certificate	DE000CX0K6F6	GOLD 980TL OPENC	EUR	13,1500	14,0400	13,1500	36702,0000	3	14,0400	2700				
Certificate	DE000CW42322	GOLD 980TL OPENC	EUR	16,3000	16,3000	16,3000			16,3000					
Certificate	NL00006521288	GOLD 983TL OPENB	EUR	23,1000	23,1000	23,1000			23,1000					
Certificate	DE000CV8A427	GOLD 1000TL 1218Z	EUR	1,9850	2,0350	1,9850			2,0350					
Certificate	DE000CV0JYK9	GOLD 1000TL OPENC	EUR	11,3900	11,3900	11,3900			11,3900					
Certificate	DE000C5KZ25	GOLD 1000TL OPENC	EUR	12,4900	12,4900	12,4900			12,4900					
Certificate	DE000CP06586	GOLD 1000TL OPENC	EUR	22,0600	22,0600	22,0600			22,0600					
Certificate	LU1816980129	GOLD 1003TCIOPENS	EUR	18,4400	18,9600	18,4400			18,9600					
Certificate	NL0011408133	GOLD 1004TRLOPENH	EUR	19,9100	19,9100	19,9100			19,9100					
Certificate	NL0011417688	GOLD 1007TL OPENH	EUR	20,8900	20,8900	20,8900			20,8900					
Certificate	NL0010876017	GOLD 1008TL OPENB	EUR	20,9200	20,9200	20,9200			20,9200					
Certificate	DE000CB1NF48	GOLD 1009TL OPENZ	EUR	18,6850	19,2300	18,6850			19,2300					
Certificate	NL00006527384	GOLD 1012TL OPENB	EUR	20,6300	20,6300	20,6300			20,6300					
Certificate	DE000VA7TEN2	GOLD 1017TL OPENV	EUR	19,6050	20,1250	19,6050			20,1250					
Certificate	NL0011524517	GOLD 1019BL OPENB	EUR	18,4350	18,4350	18,4350			18,4350					
Certificate	DE000CV0JYL7	GOLD 1020TL OPENC	EUR	9,4800	9,4800	9,4800			9,4800					
Certificate	NL0011048657	GOLD 1020TL OPENH	EUR	19,7900	19,7900	19,7900			19,7900					
Certificate	DE000CF04SN7	GOLD 1025TL OPENC	EUR	7,4000	7,9900	7,4000	1184,0000	1	7,9900	160				
Certificate	DE000CC5K2Y8	GOLD 1025TL OPENC	EUR	10,1300	10,1300	10,1300			10,1300					
Certificate	DE000VASREC3	GOLD 1026TL OPENV	EUR	18,5650	19,0850	18,5650			19,0850					
Certificate	DE000VASRJL3	GOLD 1026TL OPENV	EUR	16,9150	17,4350	16,9150			17,4350					
Certificate	DE000CV420F2	GOLD 1026TL OPENZ	EUR	1,9750	2,0350	1,9750			2,0350					
Certificate	DE000VA6EGZ5	GOLD 1038TL OPENV	EUR	16,0350	16,5450	15,8500	317,0000	1	16,5450	20				
Certificate	NL00006527392	GOLD 1042TL OPENB	EUR	18,0700	18,0700	18,0700			18,0700					
Certificate	NL0011048640	GOLD 1042TL OPENH	EUR	17,9000	17,9000	17,9000			17,9000					
Certificate	DE000CR9R201	GOLD 1045TL OPENZ	EUR	15,5700	16,1100	15,5700			16,1100					
Certificate	DE000VA4Y1V2	GOLD 1046TL OPENV	EUR	15,0850	15,6050	15,0850			15,6050					
Certificate	DE000VA4Y1U4	GOLD 1046TL OPENV	EUR	16,8250	17,3350	16,8250			17,3350					
Certificate	NL0010897146	GOLD 1047BL OPENB	EUR	15,7500	15,9850	15,7500	157,5000	1	15,9850	10				
Certificate	NL0011408125	GOLD 1049TRLOPENH	EUR	16,0200	16,0200	16,0200			16,0200					
Certificate	DE000CV8A419	GOLD 1050TL 1218Z	EUR	1,5550	1,6050	1,5550			1,6050					
Certificate	NL0011601257	GOLD 1052TL OPENH	EUR	16,9800	16,9800	16,9800			16,9800					
Certificate	LU1816980392	GOLD 1053TCIOPENS	EUR	14,0300	14,5600	14,0300			14,5600					
Certificate	DE000CX0KBQ1	GOLD 1060TL OPENC	EUR	6,5400	6,5400	6,5400			6,5400					
Certificate	NL0011417548	GOLD 1060TRLOPENH	EUR	15,0200	15,0200	15,0200			15,0200					
Certificate	DE000VN66XC3	GOLD 1061TL OPENV	EUR	11,7850	12,2950	11,7850			12,2950					
Certificate	NL0011048632	GOLD 1064TL OPENH	EUR	16,0000	16,0000	16,0000			16,0000					
Certificate	DE000CR9R1Z1	GOLD 1065TL OPENZ	EUR	13,8300	14,3700	13,8300			14,3700					
Certificate	NL0012989453	GOLD 1066BL OPENB	EUR	14,3300	14,3300	14,3300			14,3300					
Certificate	DE000VA6EGH3	GOLD 1066TL OPENV	EUR	15,3250	15,8350	15,3250			15,8350					
Certificate	DE000VA6EG29	GOLD 1068TL OPENV	EUR	13,4150	13,9250	13,4150			13,9250					
Certificate	DE000CN66CN3	GOLD 1068TL OPENZ	EUR	15,6000	16,2000	15,6000			16,2000					
Certificate	DE000VLSRYU0	GOLD 1069TL OPENV	EUR	13,6350	14,1450	13,6350			14,1450					
Certificate	NL00006527400	GOLD 1072TL OPENB	EUR	15,5100	15,5100	15,5100			15,5100					
Certificate	NL0011417530	GOLD 1072TRLOPENH	EUR	14,0300	14,0300	14,0300			14,0300					
Certificate	DE000VA7PSR1	GOLD 1077TL OPENV	EUR	14,4550	14,9750	14,4550			14,9750					
Certificate	DE000CP063P6	GOLD 1080TL OPENC	EUR	15,2300	15,2300	15,2300			15,2300					



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	DE000VN66XD1	GOLD 1081TL OPENV	EUR	10,0050	10,5050	10,0050			10,5050					
Certificate	NL0012989818	GOLD 1083TL OPENB	EUR	14,5800	14,5800	14,5800			14,5800					
Certificate	NL0011417522	GOLD 1084TRLOPENH	EUR	12,9600	12,9600	12,9600			12,9600					
Certificate	DE000CB4TDG7	GOLD 1085TL OPENZ	EUR	1,2050	1,2650	1,2050			1,2650					
Certificate	NL0011048624	GOLD 1086TL OPENH	EUR	14,1100	14,1100	14,1100			14,1100					
Certificate	DE000VL37D12	GOLD 1087TL OPENV	EUR	11,8750	12,3850	11,8750			12,3850					
Certificate	NL0011408117	GOLD 1095TRLOPENH	EUR	11,9800	11,9800	11,9800			11,9800					
Certificate	DE000VAGEGL5	GOLD 1096TL OPENV	EUR	12,7650	13,2750	12,7650			13,2750					
Certificate	NL0009071398	GOLD 1099TL OPENB	EUR	13,2000	13,2000	13,2000			13,2000					
Certificate	DE000CV88RN9	GOLD 1100TL 1218Z	EUR	1,1150	1,1750	1,1150			1,1750					
Certificate	DE000CY16Q36	GOLD 1100TL OPENC	EUR	8,7000	8,7000	8,7000			8,7000					
Certificate	DE000CQ58UL9	GOLD 1100TL OPENC	EUR	10,4600	10,4600	10,4600			10,4600					
Certificate	DE000CV8APV7	GOLD 1101TL OPENZ	EUR	10,6600	11,1900	10,6600			11,1900					
Certificate	LU1790448978	GOLD 1102TCIOPENS	EUR	9,1800	9,7000	9,1800			9,7000					
Certificate	NL0012101489	GOLD 1102TL OPENB	EUR	12,9800	12,9800	12,9000	6490,0000	1	12,9000	500				
Certificate	NL0010897153	GOLD 1105BL OPENB	EUR	10,9250	10,9250	10,9250			10,9250					
Certificate	NL0010441531	GOLD 1106BL OPENB	EUR	10,8350	10,8350	10,8350			10,8350					
Certificate	NL0012981088	GOLD 1107BL OPENB	EUR	10,7900	10,7900	10,7900			10,7900					
Certificate	DE000VL37D20	GOLD 1107TL OPENV	EUR	10,1350	10,6450	10,1350			10,6450					
Certificate	NL0011048616	GOLD 1108TL OPENH	EUR	12,2200	12,2200	12,2200			12,2200					
Certificate	DE000CN6EUY7	GOLD 1108TL OPENZ	EUR	11,5700	12,1600	11,5700			12,1600					
Certificate	LU1651059070	GOLD 1109TCIOPENS	EUR	5,8500	6,3900	5,8500	1859,0000	3	6,3800	300				
Certificate	DE000VAGEGP6	GOLD 1116TL OPENV	EUR	11,0550	11,5650	11,0550			11,5650					
Certificate	NL0011594080	GOLD 1118TL OPENH	EUR	11,3600	11,3600	11,3600			11,3600					
Certificate	DE000VAGTY61	GOLD 1118TL OPENV	EUR	9,0650	9,5650	9,0650			9,5650					
Certificate	NL0010876025	GOLD 1120TL OPENB	EUR	10,8500	11,3550	10,8500	4541,0000	3	11,3550	415				
Certificate	DE000CV50ZT3	GOLD 1120TL OPENC	EUR	7,7900	7,7900	7,7900			7,7900					
Certificate	NL0009170935	GOLD 1122TL OPENB	EUR	11,1850	11,1850	11,1850			11,1850					
Certificate	DE000CB4TPD8	GOLD 1122TL OPENZ	EUR	0,8850	0,9350	0,8850			0,9350					
Certificate	DE000VASRJM1	GOLD 1126TL OPENV	EUR	8,1850	8,6950	8,1850			8,6950					
Certificate	NL0012099683	GOLD 1127BL OPENB	EUR	9,0100	9,0100	9,0100			9,0100					
Certificate	NL0011417506	GOLD 1128TRLOPENH	EUR	9,1700	9,1700	9,1700			9,1700					
Certificate	DE000VN66JW0	GOLD 1129TL OPENV	EUR	8,3850	8,8850	8,3850			8,8850					
Certificate	NL0011048608	GOLD 1130TL OPENH	EUR	10,3200	10,3200	10,3200			10,3200					
Certificate	DE000VN66KA4	GOLD 1130TL OPENV	EUR	6,4350	6,9350	6,4350			6,9350					
Certificate	NL0012989271	GOLD 1133TL OPENB	EUR	10,2500	10,2500	10,2500			10,2500					
Certificate	NL0011594072	GOLD 1133TL OPENH	EUR	10,0600	10,0600	10,0600			10,0600					
Certificate	DE000VAGEGS0	GOLD 1136TL OPENV	EUR	9,3450	9,8450	9,3450			9,8450					
Certificate	NL0011594064	GOLD 1138TL OPENH	EUR	9,6900	9,6900	9,6900			9,6900					
Certificate	DE000VAGEGS2	GOLD 1138TL OPENV	EUR	7,3150	7,8150	7,3150			7,8150					
Certificate	DE000CV8AXQ1	GOLD 1138TL OPENZ	EUR	7,4400	7,9700	7,4400			7,9700					
Certificate	NL0011407705	GOLD 1138TRLOPENH	EUR	8,2200	8,2200	8,2200			8,2200					
Certificate	NL0011263561	GOLD 1139BL OPENB	EUR	7,3500	7,9950	7,3450	735,0000	1	7,9950	100				
Certificate	NL0011593520	GOLD 1143TL OPENH	EUR	9,1700	9,2000	9,1700	9170,0000	1	9,2000	1000				
Certificate	NL0011530860	GOLD 1148TL OPENB	EUR	9,0250	9,0250	9,0250			9,0250					
Certificate	DE000CR9QX90	GOLD 1149TL OPENZ	EUR	6,5250	7,0550	6,5250			7,0550					
Certificate	DE000CV88RM1	GOLD 1150TL 1218Z	EUR	0,6850	0,7350	0,6850			0,7350					
Certificate	DE000CQ58UM7	GOLD 1150TL OPENC	EUR	6,0800	6,0800	6,0800			6,0800					
Certificate	DE000CR9R4Z5	GOLD 1150TL OPENZ	EUR	7,4100	8,0100	7,4100			8,0100					
Certificate	NL0011593512	GOLD 1154TL OPENH	EUR	8,2800	8,2800	8,2800			8,2800					
Certificate	NL0011812300	GOLD 1157TL OPENB	EUR	7,8000	8,2500	7,8000	390,0000	1	8,2500	50				
Certificate	NL0011594056	GOLD 1157TL OPENH	EUR	7,9100	8,0200	7,9100	395,5000	1	8,0200	50				
Certificate	DE000CV8AVX1	GOLD 1159TL OPENZ	EUR	5,6700	6,2000	5,6700			6,2000					
Certificate	DE000CP61W6	GOLD 1160TL OPENC	EUR	5,4400	5,4400	5,4400			5,4400					
Certificate	DE000CQ58FX5	GOLD 1160TL OPENC	EUR	7,2200	7,2200	7,2100	1198,5200	1	7,2100	166				
Certificate	NL0012975833	GOLD 1161BL OPENB	EUR	5,3800	6,0600	5,3700	1076,0000	1	6,0600	200				
Certificate	NL0011407697	GOLD 1162TRLOPENH	EUR	5,6100	6,2000	5,6100	1147,0000	4	6,2000	200				
Certificate	DE000VASRJK5	GOLD 1165TL OPENV	EUR	6,7050	7,2150	6,7050			7,2150					
Certificate	DE000VASRJN9	GOLD 1166TL OPENV	EUR	4,6965	5,1950	4,6965			5,1950					
Certificate	NL0011259635	GOLD 1168BL OPENB	EUR	5,5900	5,6050	5,5050	223,6000	1	5,5050	40				
Certificate	DE000CR9QUV7	GOLD 1169TL OPENZ	EUR	4,7550	5,2800	4,7550			5,2800					
Certificate	DE000CP61X4	GOLD 1170TL OPENC	EUR	3,8100	4,5700	3,8100	1784,3000	6	4,5700	430				
Certificate	DE000VAGEGW2	GOLD 1176TL OPENV	EUR	5,9250	6,4350	5,9250			6,4350					
Certificate	NL0012991087	GOLD 1177TL OPENB	EUR	6,0000	6,5600	5,8100	42151,0000	7	6,5600	6900				
Certificate	DE000VAGEG86	GOLD 1178TL OPENV	EUR	3,8405	4,4220	3,8405	5064,8000	3	4,3375	1200				
Certificate	DE000CJ3NYT3	GOLD 1179TL OPENZ	EUR	3,9150	4,4350	3,7800	40723,1000	9	4,4350	10175				
Certificate	DE000CP663Q4	GOLD 1180TL OPENC	EUR	6,7300	6,7300	6,7300			6,7300					
Certificate	DE000CP66594	GOLD 1180TL OPENC	EUR	6,7600	6,7600	6,7600			6,7600					
Certificate	NL0013011919	GOLD 1187BL OPENB	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	LU1841026419	GOLD 1187TCIOPENS	EUR	3,0100	3,5400	3,0100			3,5400					
Certificate	DE000VA71SY4	GOLD 1187TL OPENV	EUR	5,1350	5,6350	5,1350			5,6350					
Certificate	DE000CJ3N799	GOLD 1188TL OPENZ	EUR	3,0950	3,6200	3,0950			3,6200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA71S07	GOLD 1189TL OPENV	EUR	2,9975	3,4935	2,9975			3,4935					
Certificate	DE000CJ3N8N9	GOLD 1189TL OPENZ	EUR	0,3450	0,4050	0,3450			0,4050					
Certificate	DE000CP06YW0	GOLD 1190TL OPENC	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	NL0013012115	GOLD 1197TL OPENB	EUR	4,2400	4,8000	4,2300	10052,5000	3	4,8000	2250				
Certificate	DE000VA71SZ1	GOLD 1197TL OPENV	EUR	4,2915	4,7895	4,2915			4,7895					
Certificate	DE000CJ3PAK7	GOLD 1198TL OPENZ	EUR	2,2350	2,7600	1,9000	9559,0000	12	2,7600	4400				
Certificate	DE000VA71WK5	GOLD 1199TL OPENV	EUR	2,1415	2,6375	2,1415			2,6375					
Certificate	DE000CJ3PAS0	GOLD 1200TL 1218Z	EUR	0,2350	0,2850	0,2350			0,2850					
Certificate	DE000CP07CH5	GOLD 1200TL OPENC	EUR	5,6600	5,6600	5,6600			5,6600					
Certificate	DE000CY50LT3	GOLD 1200TL OPENC	EUR											
Certificate	DE000CP06YX8	GOLD 1200TL OPENC	EUR	1,9200	2,5900	1,9200	1755,2500	2	2,5900	850				
Certificate	DE000VA71WJ7	GOLD 1207TL OPENV	EUR	3,4525	3,9495	3,4525			3,9495					
Certificate	DE000CY50WK9	GOLD 1210TL OPENC	EUR											
Certificate	DE000VA5REB5	GOLD 1216TS OPENV	EUR											
Certificate	DE000CJ3N2M4	GOLD 1217TS OPENZ	EUR											
Certificate	DE000CY50WL7	GOLD 1220TL OPENC	EUR											
Certificate	DE000CQ58UN5	GOLD 1220TS OPENC	EUR											
Certificate	DE000CP065A3	GOLD 1220TS OPENC	EUR											
Certificate	DE000CQ58WD2	GOLD 1220TS OPENC	EUR											
Certificate	DE000CJ3NUA1	GOLD 1220TS OPENZ	EUR											
Certificate	DE000VL2FME1	GOLD 1222TL OPENV	EUR											
Certificate	LU1816980046	GOLD 1223TPIOPENS	EUR											
Certificate	DE000VA6EF95	GOLD 1224TS OPENV	EUR											
Certificate	DE000CY50NN2	GOLD 1225TL OPENC	EUR											
Certificate	DE000CX01D39	GOLD 1225TL OPENC	EUR											
Certificate	DE000VL37D38	GOLD 1227TL OPENV	EUR											
Certificate	NL0012987820	GOLD 1228TS OPENB	EUR											
Certificate	NL0012989479	GOLD 1229BS OPENB	EUR											
Certificate	DE000CP064Q2	GOLD 1230TS OPENC	EUR											
Certificate	DE000VA5RD85	GOLD 1232TS OPENV	EUR											
Certificate	DE000VA4Y1S8	GOLD 1236TS OPENV	EUR											
Certificate	DE000CY518G7	GOLD 1240TL OPENC	EUR											
Certificate	DE000CP063R2	GOLD 1240TS OPENC	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	DE000CQ58UP0	GOLD 1240TS OPENC	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000VA710A8	GOLD 1241TS OPENV	EUR	3,8585	3,8585	3,3705			3,3705					
Certificate	DE000CV8A674	GOLD 1242TS OPENZ	EUR											
Certificate	DE000CV8ALC6	GOLD 1242TS OPENZ	EUR											
Certificate	NL0012982243	GOLD 1248TS OPENB	EUR	4,5000	4,5000	3,9600	3600,0000	1	3,9600	800				
Certificate	NL0012987572	GOLD 1249BS OPENB	EUR	2,5900	2,5900	1,8200	26026,0000	5	1,9500	11200				
Certificate	DE000CV8AEW9	GOLD 1250TS 1218Z	EUR											
Certificate	DE000CP06129	GOLD 1250TS OPENC	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	DE000VA4YYX6	GOLD 1253TS OPENV	EUR	2,3015	2,3015	1,8145			1,8145					
Certificate	DE000VA4YYZ1	GOLD 1256TS OPENV	EUR	4,6985	4,6985	4,2125			4,2125					
Certificate	DE000CV8A3D6	GOLD 1257TS OPENZ	EUR	0,3550	0,3550	0,3050			0,3050					
Certificate	DE000CV8A3H7	GOLD 1259TS OPENZ	EUR	3,2750	3,2750	2,7600			2,7600					
Certificate	DE000CQ5AJV3	GOLD 1260TL OPENC	EUR											
Certificate	DE000CQ5A735	GOLD 1260TL OPENC	EUR											
Certificate	DE000CY52NN8	GOLD 1260TL OPENC	EUR											
Certificate	DE000CQ5B1X0	GOLD 1260TL OPENC	EUR											
Certificate	DE000CY52K52	GOLD 1260TL OPENC	EUR											
Certificate	DE000CQ58WE0	GOLD 1260TS OPENC	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	DE000CQ58UQ8	GOLD 1260TS OPENC	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	NL0012980254	GOLD 1268TS OPENB	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	NL0012981096	GOLD 1269BS OPENB	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	DE000CV8A815	GOLD 1269TS OPENZ	EUR	4,1550	4,1550	3,6400			3,6400					
Certificate	DE000CP06YY6	GOLD 1270TS OPENC	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	DE000VA4YYY4	GOLD 1273TS OPENV	EUR	4,0145	4,0145	3,5285			3,5285					
Certificate	LU1790505447	GOLD 1275TPIOPENS	EUR	4,6100	4,6100	4,0700			4,0700					
Certificate	DE000CY0AVR7	GOLD 1275TS OPENC	EUR											
Certificate	DE000VA3TKM0	GOLD 1276TS OPENV	EUR											
Certificate	DE000VA3TKP3	GOLD 1277TS OPENV	EUR	6,3350	6,3350	5,8550			5,8550					
Certificate	DE000CV89XK1	GOLD 1279TS OPENZ	EUR	5,0100	5,0100	4,5000			4,5000					
Certificate	DE000CX01XL0	GOLD 1280TL OPENC	EUR											
Certificate	DE000CY52NP3	GOLD 1280TL OPENC	EUR											
Certificate	DE000CQ58NX9	GOLD 1280TS OPENC	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	DE000CP063S0	GOLD 1280TS OPENC	EUR	7,7200	7,7200	7,7200			7,7200					
Certificate	NL0012975858	GOLD 1289BS OPENB	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	DE000CV8A8D5	GOLD 1289TS OPENZ	EUR	5,8800	5,8800	5,3700			5,3700					
Certificate	DE000CY52WQ2	GOLD 1290TL OPENC	EUR											
Certificate	DE000CQ58MA9	GOLD 1290TS OPENC	EUR	5,1200	5,1200	5,1200			5,1200					
Certificate	DE000VA3TKN8	GOLD 1296TS OPENV	EUR	5,7250	5,7250	5,2350			5,2350					
Certificate	DE000VA3TKQ1	GOLD 1297TS OPENV	EUR	8,0950	8,0950	7,6150			7,6150					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV89KJ0	GOLD 1297TS OPENZ	EUR	0,7650	0,7650	0,7050			0,7050					
Certificate	DE000CV89JS3	GOLD 1299TS OPENZ	EUR	6,7300	6,7300	6,2200			6,2200					
Certificate	DE000CX595Y9	GOLD 1300TL OPENC	EUR											
Certificate	DE000CV8A8Q7	GOLD 1300TS 1218Z	EUR	0,6450	0,6450	0,5950			0,5950					
Certificate	DE000CP063T8	GOLD 1300TS OPENC	EUR	9,5200	9,5200	9,5200			9,5200					
Certificate	DE000CQ58MB7	GOLD 1300TS OPENC	EUR	5,9900	5,9900	5,9900			5,9900					
Certificate	DE000CQ58PC8	GOLD 1300TS OPENC	EUR	9,3600	9,3600	9,3600			9,3600					
Certificate	NL0012972491	GOLD 1308TS OPENB	EUR	9,3000	9,3000	9,3000			9,3000					
Certificate	DE000CQ58MC5	GOLD 1310TS OPENC	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	DE000VA3KSD1	GOLD 1316TS OPENV	EUR	7,4550	7,4550	6,9650			6,9650					
Certificate	DE000VA3KSE9	GOLD 1317TS OPENV	EUR	9,8050	9,8050	9,3250			9,3250					
Certificate	DE000CV89HX7	GOLD 1319TS OPENZ	EUR	8,4700	8,4700	7,9600	75,7000	9	7,9600	9				
Certificate	DE000CY51GG8	GOLD 1320TS OPENC	EUR											
Certificate	DE000CQ58PD6	GOLD 1320TS OPENC	EUR	11,1500	11,1500	11,1500			11,1500					
Certificate	DE000CQ58JT5	GOLD 1320TS OPENC	EUR	11,0800	11,0800	11,0800			11,0800					
Certificate	DE000CQ58B24	GOLD 1320TS OPENC	EUR	11,0000	11,0000	11,0000			11,0000					
Certificate	NL0012790737	GOLD 1329BS OPENB	EUR	8,8900	8,8900	8,8900			8,8900					
Certificate	LU1757003238	GOLD 1329TPIOPENS	EUR	9,1100	9,1100	8,5700			8,5700					
Certificate	NL0012786537	GOLD 1329TS OPENB	EUR	11,1600	11,1600	11,1600			11,1600					
Certificate	DE000CQ58F12	GOLD 1330TS OPENC	EUR	8,5200	8,5200	8,5200			8,5200					
Certificate	DE000VA2T9C4	GOLD 1337TS OPENV	EUR	11,5250	11,5250	11,0350			11,0350					
Certificate	DE000CV88UM5	GOLD 1337TS OPENZ	EUR	1,1650	1,1650	1,1050			1,1050					
Certificate	DE000VA15NP0	GOLD 1339TS OPENV	EUR	9,1750	9,1750	8,6850			8,6850					
Certificate	DE000CV88UT0	GOLD 1339TS OPENZ	EUR	10,2000	10,2000	9,6900			9,6900					
Certificate	DE000CQ5AV29	GOLD 1340TS OPENC	EUR	9,2700	9,2700	9,2700			9,2700					
Certificate	DE000CQ5AW79	GOLD 1340TS OPENC	EUR	12,7000	12,7000	12,7000			12,7000					
Certificate	NL0012784532	GOLD 1349TS OPENB	EUR	12,9400	12,9400	12,9400			12,9400					
Certificate	DE000CV8A435	GOLD 1350TS 1218Z	EUR	1,0750	1,0750	1,0250			1,0250					
Certificate	DE000CQ5AW04	GOLD 1350TS OPENC	EUR	10,1400	10,1400	10,1400			10,1400					
Certificate	DE000VA2T9D2	GOLD 1357TS OPENV	EUR	13,2850	13,2850	12,8050			12,8050					
Certificate	DE000CV886P2	GOLD 1358TS OPENZ	EUR	11,9300	11,9300	11,4200			11,4200					
Certificate	DE000CQ5AW12	GOLD 1360TS OPENC	EUR	11,0000	11,0000	11,0000			11,0000					
Certificate	DE000VA1SSU2	GOLD 1360TS OPENV	EUR	10,8950	10,8950	10,4150			10,4150					
Certificate	DE000VA6EGD2	GOLD 1364TS OPENV	EUR	14,5650	14,5650	14,0850			14,0850					
Certificate	NL0011899745	GOLD 1368BS OPENB	EUR	12,3600	12,3600	12,3600			12,3600					
Certificate	LU1756002058	GOLD 1375TPIOPENS	EUR	13,6800	13,6800	13,1300			13,1300					
Certificate	DE000VASRM76	GOLD 1376TS OPENV	EUR	15,4850	15,4850	15,0050			15,0050					
Certificate	DE000CV42RD7	GOLD 1378TS OPENZ	EUR	1,5650	1,5650	1,5050			1,5050					
Certificate	DE000CV88C53	GOLD 1378TS OPENZ	EUR	13,6700	13,6700	13,1700			13,1700					
Certificate	DE000CY51NS9	GOLD 1380TS OPENC	EUR	15,9500	15,9500	15,9500			15,9500					
Certificate	DE000CY52CT8	GOLD 1380TS OPENC	EUR	16,0000	16,0000	16,0000			16,0000					
Certificate	DE000CQ5AAE8	GOLD 1380TS OPENC	EUR	16,0300	16,0300	16,0300			16,0300					
Certificate	DE000CY50ZY3	GOLD 1380TS OPENC	EUR	15,8900	15,8900	15,8900			15,8900					
Certificate	DE000CQ5AMC7	GOLD 1380TS OPENC	EUR	16,1800	16,1800	16,1800			16,1800					
Certificate	DE000CX00UD5	GOLD 1380TS OPENC	EUR	13,7400	13,7400	13,7400			13,7400					
Certificate	DE000CY52NQ1	GOLD 1380TS OPENC	EUR	16,0000	16,0000	16,0000			16,0000					
Certificate	DE000CY51WZ5	GOLD 1380TS OPENC	EUR	15,9800	15,9800	15,9800			15,9800					
Certificate	DE000CX59WM8	GOLD 1380TS OPENC	EUR	11,9500	11,9500	11,9500			11,9500					
Certificate	DE000CY518J1	GOLD 1380TS OPENC	EUR	15,9200	15,9200	15,9200			15,9200					
Certificate	NL0011603147	GOLD 1383TS OPENH	EUR	16,0200	16,0200	16,0200			16,0200					
Certificate	NL0011705074	GOLD 1385TRSOPEH	EUR	14,1100	14,1100	14,1100			14,1100					
Certificate	NL0012696900	GOLD 1388BS OPENB	EUR	14,0900	14,0900	14,0900			14,0900					
Certificate	DE000CY518B8	GOLD 1390TS OPENC	EUR	13,2500	13,2500	13,2500			13,2500					
Certificate	DE000CX00U47	GOLD 1390TS OPENC	EUR	12,2900	12,2900	12,2900			12,2900					
Certificate	NL0010377610	GOLD 1392TS OPENB	EUR	16,7000	16,7000	16,7000			16,7000					
Certificate	DE000VA7PSP5	GOLD 1392TS OPENV	EUR	17,1450	17,1450	16,6750			16,6750					
Certificate	NL0010377040	GOLD 1397BS OPENB	EUR	14,8750	14,8750	14,8750			14,8750					
Certificate	NL0012694616	GOLD 1399TS OPENB	EUR	17,3700	17,3700	17,3700			17,3700					
Certificate	DE000CN6JEK9	GOLD 1399TS OPENZ	EUR	15,4800	15,4800	14,9800			14,9800					
Certificate	DE000CV88RP4	GOLD 1400TS 1218Z	EUR	1,5050	1,5050	1,4550			1,4550					
Certificate	DE000VA71SX6	GOLD 1402TS OPENV	EUR	18,1050	18,1050	17,6350			17,6350					
Certificate	DE000VN66XA7	GOLD 1402TS OPENV	EUR	12,6150	12,6150	12,1250			12,1250					
Certificate	NL0011730817	GOLD 1405TS OPENH	EUR	17,9000	17,9000	17,9000			17,9000					
Certificate	LU1651060839	GOLD 1408TPIOPENS	EUR	15,2400	15,2400	14,6900			14,6900					
Certificate	DE000CX00U54	GOLD 1410TS OPENC	EUR	14,0000	14,0000	14,0000			14,0000					
Certificate	DE000CY52WS8	GOLD 1410TS OPENC	EUR	15,0700	15,0700	15,0700			15,0700					
Certificate	DE000VA71WH1	GOLD 1412TS OPENV	EUR	19,0050	19,0050	18,5350			18,5350					
Certificate	DE000CN6KFD9	GOLD 1417TS OPENZ	EUR	19,6200	19,6200	19,0200			19,0200					
Certificate	DE000CN6LC84	GOLD 1418TS OPENZ	EUR	17,0800	17,0800	16,5900			16,5900					
Certificate	DE000CY51NT7	GOLD 1420TS OPENC	EUR	19,5200	19,5200	19,5200			19,5200					
Certificate	DE000CQ5A2N0	GOLD 1420TS OPENC	EUR	15,9300	15,9300	15,9300			15,9300					
Certificate	DE000CY517Y2	GOLD 1420TS OPENC	EUR	19,4700	19,4700	19,4700			19,4700					



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	DE000CY52NR9	GOLD 1420TS OPENC	EUR	19,5700	19,5700	19,5700			19,5700					
Certificate	DE000CQ5AMD5	GOLD 1420TS OPENC	EUR	19,7500	19,7500	19,7500			19,7500					
Certificate	DE000CY52962	GOLD 1420TS OPENC	EUR	19,5700	19,5700	19,5700			19,5700					
Certificate	DE000CX00UE3	GOLD 1420TS OPENC	EUR	17,2400	17,2400	17,2400			17,2400					
Certificate	DE000CQ5AAF5	GOLD 1420TS OPENC	EUR	19,6000	19,6000	19,6000			19,6000					
Certificate	DE000CQ58FZ0	GOLD 1420TS OPENC	EUR	19,9700	19,9700	19,9700			19,9700					
Certificate	DE000VN66XB5	GOLD 1422TS OPENV	EUR	14,3050	14,3050	13,8250			13,8250					
Certificate	DE000CX01D70	GOLD 1425TS OPENC	EUR	15,4100	15,4100	15,4100			15,4100					
Certificate	NL0011048350	GOLD 1427TS OPENH	EUR	19,9100	19,9100	19,9100			19,9100					
Certificate	DE000CNC6C92	GOLD 1438TS OPENZ	EUR	18,8200	18,8200	18,3200			18,3200					
Certificate	DE000CY50Z20	GOLD 1440TS OPENC	EUR	21,2300	21,2300	21,2300			21,2300					
Certificate	DE000CY518K9	GOLD 1440TS OPENC	EUR	21,2600	21,2600	21,2600			21,2600					
Certificate	DE000CY50WP8	GOLD 1440TS OPENC	EUR	17,5400	17,5400	17,5400			17,5400					
Certificate	DE000VL2FMC5	GOLD 1441TS OPENV	EUR	16,0150	16,0150	15,5350			15,5350					
Certificate	NL0011705066	GOLD 1444TRSOPENH	EUR	19,2000	19,2000	19,2000			19,2000					
Certificate	NL0011730809	GOLD 1444TS OPENH	EUR	21,3700	21,3700	21,3700			21,3700					
Certificate	NL0010377644	GOLD 1447TS OPENB	EUR	21,6300	21,6300	21,6300			21,6300					
Certificate	DE000CV88RQ2	GOLD 1450TS 1218Z	EUR	1,9450	1,9450	1,8950			1,8950					
Certificate	DE000CY16Q28	GOLD 1450TS OPENC	EUR	18,2200	18,2200	18,2200			18,2200					
Certificate	DE000CY16QB1	GOLD 1450TS OPENC	EUR	21,9300	21,9300	21,9300			21,9300					
Certificate	LU1651918119	GOLD 1453TPIOPENS	EUR	19,2900	19,2900	18,7400			18,7400					
Certificate	DE000CD61CH8	GOLD 1457TS OPENZ	EUR	20,4900	20,4900	19,9900			19,9900					
Certificate	DE000CNC6FE7	GOLD 1457TS OPENZ	EUR	23,6100	23,6100	23,0100			23,0100					
Certificate	DE000CY51BD6	GOLD 1460TS OPENC	EUR	19,3100	19,3100	19,3100			19,3100					
Certificate	DE000VL2FMD3	GOLD 1461TS OPENV	EUR	17,7150	17,7150	17,2350			17,2350					
Certificate	NL0011417449	GOLD 1467TRSOPENH	EUR	21,2500	21,2500	21,2500			21,2500					
Certificate	NL0010377131	GOLD 1473TS OPENB	EUR	23,9500	23,9500	23,9500			23,9500					
Certificate	DE000CX01XN6	GOLD 1475TS OPENC	EUR	19,8600	19,8600	19,8600			19,8600					
Certificate	DE000CD61XA9	GOLD 1475TS OPENZ	EUR	22,0800	22,0800	21,5800			21,5800					
Certificate	DE000CY518L7	GOLD 1480TS OPENC	EUR	24,8200	24,8200	24,8200			24,8200					
Certificate	DE000CY52970	GOLD 1480TS OPENC	EUR	24,9200	24,9200	24,9200			24,9200					
Certificate	NL0011730791	GOLD 1483TS OPENH	EUR	24,8500	24,8500	24,8500			24,8500					
Certificate	DE000CD61XB7	GOLD 1495TS OPENZ	EUR	23,8100	23,8100	23,3200			23,3200					
Certificate	DE000CE6CFH8	GOLD 1497TS OPENZ	EUR	2,7550	2,7550	2,6950			2,6950					
Certificate	DE000CV88RR0	GOLD 1500TS 1218Z	EUR	2,3750	2,3750	2,3250			2,3250					
Certificate	LU1651918382	GOLD 1503TPIOPENS	EUR	23,6000	23,6000	23,0500			23,0500					
Certificate	NL0011048343	GOLD 1504TS OPENH	EUR	26,7200	26,7200	26,7200			26,7200					
Certificate	DE000CD62197	GOLD 1515TS OPENZ	EUR	25,5600	25,5600	25,0700			25,0700					
Certificate	DE000CQ581Y8	GOLD 1520TS OPENC	EUR	24,9700	24,9700	24,9700			24,9700					
Certificate	DE000CQ5AW87	GOLD 1520TS OPENC	EUR	28,7800	28,7800	28,7800			28,7800					
Certificate	DE000CY518C6	GOLD 1520TS OPENC	EUR	24,4900	24,4900	24,4900			24,4900					
Certificate	DE000CY51729	GOLD 1520TS OPENC	EUR	28,3800	28,3800	28,3800			28,3800					
Certificate	DE000CQ5AAG3	GOLD 1520TS OPENC	EUR	28,5100	28,5100	28,5100			28,5100					
Certificate	DE000CT9MZY7	GOLD 1526TS OPENC	EUR	21,7800	21,7800	21,7800			21,7800					
Certificate	DE000CE6EQR0	GOLD 1534TS OPENZ	EUR	27,2000	27,2000	26,7200			26,7200					
Certificate	DE000CE6EQW0	GOLD 1536TS OPENZ	EUR	3,1450	3,1450	3,0850			3,0850					
Certificate	DE000CV88RS8	GOLD 1550TS 1218Z	EUR	2,8050	2,8050	2,7550			2,7550					
Certificate	DE000CY52WT6	GOLD 1560TS OPENC	EUR	28,0500	28,0500	28,0500			28,0500					
Certificate	DE000CY518M5	GOLD 1560TS OPENC	EUR	31,9500	31,9500	31,9500			31,9500					
Certificate	NL0011417654	GOLD 1572TS OPENH	EUR	32,8200	32,8200	32,8200			32,8200					
Certificate	DE000CE6EQX8	GOLD 1576TS OPENZ	EUR	3,5450	3,5450	3,4850			3,4850					
Certificate	NL0011417423	GOLD 1580TRSOPENH	EUR	31,0800	31,0800	31,0800			31,0800					
Certificate	DE000CNC6JEL7	GOLD 1598TS OPENZ	EUR	32,8100	32,8100	32,3300			32,3300					
Certificate	DE000CV50889	GOLD 1616TS OPENZ	EUR	3,9450	3,9450	3,8850			3,8850					
Certificate	NL0011417647	GOLD 1631TS OPENH	EUR	37,9900	37,9900	37,9900			37,9900					
Certificate	DE000CV87HK8	GOLD 1638TS OPENZ	EUR	36,2800	36,2800	35,8000			35,8000					
Certificate	DE000CV50897	GOLD 1656TS OPENZ	EUR	4,3450	4,3450	4,2850			4,2850					
Certificate	NL0011048335	GOLD 1657TS OPENH	EUR	40,3500	40,3500	40,3500			40,3500					
Certificate	DE000CV87HL6	GOLD 1678TS OPENZ	EUR	39,7600	39,7600	39,2800			39,2800					
Certificate	NL0009900315	GOLD 1682TS OPENB	EUR	42,5200	42,5200	42,5200			42,5200					
Certificate	NL0011603139	GOLD 1754TS OPENH	EUR	48,9400	48,9400	48,9400			48,9400					
Certificate	DE000CV87HM4	GOLD 1758TS OPENZ	EUR	46,7100	46,7100	46,2500			46,2500					
Certificate	NL0011705058	GOLD 1767TRSOPENH	EUR	47,3800	47,3800	47,3800			47,3800					
Certificate	NL0011048327	GOLD 1810TS OPENH	EUR	53,9700	53,9700	53,9700			53,9700					
Certificate	NL0011730783	GOLD 1874TS OPENH	EUR	59,6300	59,6300	59,6300			59,6300					
Certificate	DE000CNC6HP69	GOLD 929.TL OPENZ	EUR	25,6700	26,2200	25,6700			26,2200					
Certificate	NL0011048715	GOLD 577.1TL OPENH	EUR	57,6600	57,6600	57,6600			57,6600					
Certificate	NL0011048707	GOLD 665.6TL OPENH	EUR	50,0800	50,0800	50,0800			50,0800					
Certificate	NL0011048699	GOLD 754.1TL OPENH	EUR	42,5100	42,5100	42,5100			42,5100					
Certificate	NL0011601265	GOLD 824.8TL OPENH	EUR	36,4700	36,4700	36,4700			36,4700					
Certificate	DE000CV89YQ6	GOLD 827.7TL OPENZ	EUR	34,4900	35,0500	34,4900			35,0500					
Certificate	NL0011600994	GOLD 869.7TROPENH	EUR	31,6300	31,6300	31,6300			31,6300					



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	DE000CB1NF30	GOLD 909.2TL OPENZ	EUR	27,3900	27,9400	27,3900			27,9400					
Certificate	NL0011048673	GOLD 931.1TL OPENH	EUR	27,3700	27,3700	27,3700			27,3700					
Certificate	NL0011264742	GOLD 933.1BL OPENB	EUR	25,9250	25,9250	25,9250			25,9250					
Certificate	NL0011423561	GOLD 948.2TL OPENH	EUR	25,9000	25,9000	25,9000			25,9000					
Certificate	DE000CN6HP51	GOLD 949.1TL OPENZ	EUR	23,9200	24,4700	23,9200			24,4700					
Certificate	DE000CN6HP44	GOLD 969.3TL OPENZ	EUR	22,1600	22,7100	22,1600			22,7100					
Certificate	NL0011048665	GOLD 975.3TL OPENH	EUR	23,5800	23,5800	23,5800			23,5800					
Certificate	DE000CN6HP36	GOLD 989.4TL OPENZ	EUR	20,4100	20,9600	20,4100			20,9600					
Certificate	NL0011423546	GOLD 991.7TL OPENH	EUR	22,1700	22,1700	22,1700			22,1700					
Certificate	DE000CV8AY20	GOLDC 9.1TL OPENZ	EUR	1,9800	2,0950	1,9800	1980,0000	1	2,0950	1000				
Certificate	DE000CJ3N1P9	GOLDC 7.04TL OPENZ	EUR	3,7750	3,7750	3,7750			3,7750					
Certificate	DE000CV8AYY3	GOLDC 8.04TL OPENZ	EUR	2,9650	2,9650	2,9650			2,9650					
Certificate	NL0012906507	GOLDF 1021TRLOPENH	EUR	18,4600	18,4600	18,4600			18,4600					
Certificate	NL0012910335	GOLDF 1037TRLOPENH	EUR	17,1000	17,1000	17,1000			17,1000					
Certificate	NL0013079924	GOLDF 1072TRLOPENH	EUR	14,0200	14,0200	14,0200			14,0200					
Certificate	NL0012209902	GOLDF 1075TL OPENH	EUR	15,0200	15,0200	15,0200			15,0200					
Certificate	NL0011995592	GOLDF 1097TL OPENH	EUR	13,1300	13,1300	13,1300			13,1300					
Certificate	NL0012052393	GOLDF 1108TRLOPENH	EUR	10,8400	10,8400	10,8400			10,8400					
Certificate	NL0013079916	GOLDF 1132TRLOPENH	EUR	8,7800	8,7800	8,7800			8,7800					
Certificate	NL0013079908	GOLDF 1134TRLOPENH	EUR	8,5700	8,5700	8,5700			8,5700					
Certificate	NL0012916068	GOLDF 1138TRLOPENH	EUR	8,2100	8,2100	8,2100			8,2100					
Certificate	NL0012895833	GOLDF 1143TRLOPENH	EUR	6,9900	7,8400	6,9900	1048,5000	1	7,8400	150				
Certificate	NL0012938625	GOLDF 1147TRLOPENH	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	NL0012938609	GOLDF 1152TRLOPENH	EUR	7,0600	7,0600	7,0600			7,0600					
Certificate	NL0011735824	GOLDF 1155TRLOPENH	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	NL0013079890	GOLDF 1159TRLOPENH	EUR	6,3800	6,3800	6,3800			6,3800					
Certificate	NL0012938591	GOLDF 1164TRLOPENH	EUR	5,9600	5,9600	5,9600			5,9600					
Certificate	NL0012889174	GOLDF 1167TL OPENH	EUR	7,1700	7,1700	7,1700			7,1700					
Certificate	NL0012938575	GOLDF 1169TRLOPENH	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	NL0012889646	GOLDF 1173TRLOPENH	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	NL0012889620	GOLDF 1178TRLOPENH	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	NL0012891477	GOLDF 1182TRLOPENH	EUR	3,7700	4,5400	3,7700	2595,3300	15	4,4100	630				
Certificate	NL0013082464	GOLDF 1191TRLOPENH	EUR	2,8200	3,6000	2,8000	171140,0000	9	3,6000	60000				
Certificate	NL0013083223	GOLDF 1192TL OPENH	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	NL0013082977	GOLDF 1198TRLOPENH	EUR	2,3000	3,0600	2,2700	168483,1900	10	3,0200	71798				
Certificate	NL0012905764	GOLDF 1209TRSOPENH	EUR											
Certificate	NL0013079882	GOLDF 1213TRSOPENH	EUR											
Certificate	NL0013079874	GOLDF 1216TRSOPENH	EUR											
Certificate	NL0012938567	GOLDF 1219TRSOPENH	EUR											
Certificate	NL0012938559	GOLDF 1221TRSOPENH	EUR											
Certificate	NL0012938450	GOLDF 1222TS OPENH	EUR											
Certificate	NL0012938542	GOLDF 1224TRSOPENH	EUR											
Certificate	NL0012938534	GOLDF 1226TRSOPENH	EUR											
Certificate	NL0012935225	GOLDF 1231TRSOPENH	EUR											
Certificate	NL0012938443	GOLDF 1231TS OPENH	EUR											
Certificate	NL0012935209	GOLDF 1236TRSOPENH	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	NL0012905533	GOLDF 1241TRSOPENH	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	NL0012935522	GOLDF 1241TS OPENH	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	NL0012905525	GOLDF 1243TRSOPENH	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	NL0012930564	GOLDF 1246TRSOPENH	EUR	1,9100	1,9300	1,9100	191,0000	1	1,9300	100				
Certificate	NL0012930952	GOLDF 1252TS OPENH	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	NL0012930044	GOLDF 1256TRSOPENH	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	NL0012930945	GOLDF 1262TS OPENH	EUR	5,1800	5,1800	5,1800			5,1800					
Certificate	NL0012930002	GOLDF 1266TRSOPENH	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	NL0012520282	GOLDF 1270TRSOPENH	EUR											
Certificate	NL0012925945	GOLDF 1271TS OPENH	EUR	6,0600	6,0600	6,0600			6,0600					
Certificate	NL0012924922	GOLDF 1275TRSOPENH	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	NL0012548630	GOLDF 1280TS OPENH	EUR											
Certificate	NL0012923809	GOLDF 1282TS OPENH	EUR	6,9600	6,9600	6,9600			6,9600					
Certificate	NL0012922868	GOLDF 1283TRSOPENH	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	NL0012919435	GOLDF 1288TRSOPENH	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	NL0011995030	GOLDF 1289TRSOPENH	EUR											
Certificate	NL0012922553	GOLDF 1292TS OPENH	EUR	7,8400	7,8400	7,8400			7,8400					
Certificate	NL0011995576	GOLDF 1294TS OPENH	EUR											
Certificate	NL0012919401	GOLDF 1296TRSOPENH	EUR	6,2700	6,2700	6,2700			6,2700					
Certificate	NL0012918775	GOLDF 1302TS OPENH	EUR	8,7300	8,7300	8,7300			8,7300					
Certificate	NL0012551279	GOLDF 1304TRLOPENH	EUR											
Certificate	NL0012916472	GOLDF 1306TRSOPENH	EUR	7,1500	7,1500	7,1500			7,1500					
Certificate	NL0012556492	GOLDF 1309TL OPENH	EUR											
Certificate	NL0012861926	GOLDF 1317TS OPENH	EUR	10,0700	10,0700	10,0700			10,0700					
Certificate	NL0012863559	GOLDF 1318TRSOPENH	EUR	8,2300	8,2300	8,2300			8,2300					
Certificate	NL0012863542	GOLDF 1321TRSOPENH	EUR	8,4500	8,4500	8,4500			8,4500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012863500	GOLDF 1331TRSOPENH	EUR	9,3200	9,3200	9,3200			9,3200					
Certificate	NL0012614333	GOLDF 1334TS OPENH	EUR	11,6500	11,6500	11,6500			11,6500					
Certificate	NL0012847826	GOLDF 1343TRSOPENH	EUR	10,4000	10,4000	10,4000			10,4000					
Certificate	NL0012614325	GOLDF 1344TS OPENH	EUR	12,5400	12,5400	12,5400			12,5400					
Certificate	NL0012613046	GOLDF 1345TRSOPENH	EUR	10,6200	10,6200	10,6200			10,6200					
Certificate	NL0012848428	GOLDF 1353TRSOPENH	EUR	11,2800	11,2800	11,2800			11,2800					
Certificate	NL0012614317	GOLDF 1354TS OPENH	EUR	13,4200	13,4200	13,4200			13,4200					
Certificate	NL0012864284	GOLDF 1358TRSOPENH	EUR	11,7200	11,7200	11,7200			11,7200					
Certificate	NL0012520274	GOLDF 1360TRSOPENH	EUR											
Certificate	NL0012848410	GOLDF 1363TRSOPENH	EUR	12,1400	12,1400	12,1400			12,1400					
Certificate	NL0012551451	GOLDF 1367TS OPENH	EUR	14,5500	14,5500	14,5500			14,5500					
Certificate	NL0012847776	GOLDF 1373TRSOPENH	EUR	12,9900	12,9900	12,9900			12,9900					
Certificate	NL0012614309	GOLDF 1374TS OPENH	EUR	15,1900	15,1900	15,1900			15,1900					
Certificate	NL0012848394	GOLDF 1375TRSOPENH	EUR	13,2200	13,2200	13,2200			13,2200					
Certificate	NL0011998273	GOLDF 1382TS OPENH	EUR	15,9000	15,9000	15,9000			15,9000					
Certificate	NL0012048706	GOLDF 1383TS OPENH	EUR	16,0200	16,0200	16,0200			16,0200					
Certificate	NL0012199921	GOLDF 1386TS OPENH	EUR	16,2800	16,2800	16,2800			16,2800					
Certificate	NL0012906499	GOLDF 1409TRSOPENH	EUR	16,1200	16,1200	16,1200			16,1200					
Certificate	NL0012548598	GOLDF 1416TS OPENH	EUR	18,9500	18,9500	18,9500			18,9500					
Certificate	NL0012906481	GOLDF 1419TRSOPENH	EUR	16,9900	16,9900	16,9900			16,9900					
Certificate	NL0013084015	GOLDF 1430TRSOPENH	EUR	17,9900	17,9900	17,9900			17,9900					
Certificate	NL0012096507	GOLDF 1449TRSOPENH	EUR	19,6100	19,6100	19,6100			19,6100					
Certificate	NL0012195416	GOLDF 1450TRSOPENH	EUR	19,7300	19,7300	19,7300			19,7300					
Certificate	NL0012368104	GOLDF 1464TS OPENH	EUR	23,1700	23,1700	23,1700			23,1700					
Certificate	NL0012095566	GOLDF 1464TS OPENH	EUR	23,1600	23,1600	23,1600			23,1600					
Certificate	NL0012847768	GOLDF 1470TRSOPENH	EUR	21,4800	21,4800	21,4800			21,4800					
Certificate	NL0012548580	GOLDF 1476TS OPENH	EUR	24,2600	24,2600	24,2600			24,2600					
Certificate	NL0012329296	GOLDF 1477TS OPENH	EUR	24,3100	24,3100	24,3100			24,3100					
Certificate	NL0012906473	GOLDF 1489TRSOPENH	EUR	23,0900	23,0900	23,0900			23,0900					
Certificate	NL0012549208	GOLDF 1496TS OPENH	EUR	26,0400	26,0400	26,0400			26,0400					
Certificate	NL0012313522	GOLDF 1496TS OPENH	EUR	26,0500	26,0500	26,0500			26,0500					
Certificate	NL0012906465	GOLDF 1499TRSOPENH	EUR	23,9600	23,9600	23,9600			23,9600					
Certificate	NL0011892609	GOLDF 1515TRSOPENH	EUR	25,4200	25,4200	25,4200			25,4200					
Certificate	NL0012432157	GOLDF 1521TS OPENH	EUR	28,2900	28,2900	28,2900			28,2900					
Certificate	NL0012211528	GOLDF 1528TS OPENH	EUR	28,8600	28,8600	28,8600			28,8600					
Certificate	NL0013084007	GOLDF 1530TRSOPENH	EUR	26,7000	26,7000	26,7000			26,7000					
Certificate	NL0012311179	GOLDF 1536TS OPENH	EUR	29,5500	29,5500	29,5500			29,5500					
Certificate	NL0012906457	GOLDF 1539TRSOPENH	EUR	27,4400	27,4400	27,4400			27,4400					
Certificate	NL0012847750	GOLDF 1540TRSOPENH	EUR	27,5700	27,5700	27,5700			27,5700					
Certificate	NL0011891601	GOLDF 1547TS OPENH	EUR	30,5600	30,5600	30,5600			30,5600					
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	33,9800	33,9800	33,9800			33,9800					
Certificate	NL0012437966	GOLDF 1595TS OPENH	EUR	34,8700	34,8700	34,8700			34,8700					
Certificate	NL0012565857	GOLDF 1606TS OPENH	EUR	35,7900	35,7900	35,7900			35,7900					
Certificate	NL0011896113	GOLDF 1609TS OPENH	EUR	36,0300	36,0300	36,0300			36,0300					
Certificate	NL0012847701	GOLDF 1640TRSOPENH	EUR	36,2800	36,2800	36,2800			36,2800					
Certificate	NL0012848378	GOLDF 1670TRSOPENH	EUR	38,8900	38,8900	38,8900			38,8900					
Certificate	NL0012847677	GOLDF 1700TRSOPENH	EUR	41,4900	41,4900	41,4900			41,4900					
Certificate	NL0012311161	GOLDF 1705TS OPENH	EUR	44,5800	44,5800	44,5800			44,5800					
Certificate	NL0012048698	GOLDF 1719TS OPENH	EUR	45,8500	45,8500	45,8500			45,8500					
Certificate	NL0011996210	GOLDF 1745TRSOPENH	EUR	45,4600	45,4600	45,4600			45,4600					
Certificate	NL0012330823	GOLDF 1818TRSOPENH	EUR	51,8100	51,8100	51,8100			51,8100					
Certificate	NL0011891668	GOLDF 1898TRSOPENH	EUR	58,8000	58,8000	58,8000			58,8000					
Certificate	NL0012848360	GOLDF 1949TRSOPENH	EUR	63,1900	63,1900	63,1900			63,1900					
Certificate	NL0012313514	GOLDF 1963TS OPENH	EUR	67,5700	67,5700	67,5700			67,5700					
Certificate	NL0012516694	GOLDF 1973TRSOPENH	EUR	65,3000	65,3000	65,3000			65,3000					
Certificate	NL0012432140	GOLDF 2029TS OPENH	EUR	73,3900	73,3900	73,3900			73,3900					
Certificate	NL0012437792	GOLDF 2090TS OPENH	EUR	78,8100	78,8100	78,8100			78,8100					
Certificate	NL0012439780	GOLDF 2153TS OPENH	EUR	84,4500	84,4500	84,4500			84,4500					
Certificate	NL0011990619	GOLDF 954.TRLOPENH	EUR	24,2800	24,2800	24,2800			24,2800					
Certificate	NL0012851133	GOLDF 995.TRLOPENH	EUR	20,7200	20,7200	20,7200			20,7200					
Certificate	NL0012906630	GOLDF625.1TRLOPENH	EUR	52,9400	52,9400	52,9400			52,9400					
Certificate	NL0012906622	GOLDF650.1TRLOPENH	EUR	50,7600	50,7600	50,7600			50,7600					
Certificate	NL0012906614	GOLDF675.1TRLOPENH	EUR	48,5800	48,5800	48,5800			48,5800					
Certificate	NL0012906606	GOLDF700.2TRLOPENH	EUR	46,3900	46,3900	46,3900			46,3900					
Certificate	NL0012847909	GOLDF745.3TRLOPENH	EUR	42,4700	42,4700	42,4700			42,4700					
Certificate	NL0012906598	GOLDF775.4TRLOPENH	EUR	39,8500	39,8500	39,8500			39,8500					
Certificate	NL0012906580	GOLDF800.4TRLOPENH	EUR	37,6700	37,6700	37,6700			37,6700					
Certificate	NL0012057822	GOLDF802.5TL OPENH	EUR	38,3700	38,3700	38,3700			38,3700					
Certificate	NL0012906572	GOLDF825.4TRLOPENH	EUR	35,4800	35,4800	35,4800			35,4800					
Certificate	NL0012906564	GOLDF850.5TRLOPENH	EUR	33,3000	33,3000	33,3000			33,3000					



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	NL0012896062	GOLDF884.1TL OPENH	EUR	31,3800	31,3800	31,3800			31,3800					
Certificate	NL0012906556	GOLDF890.6TRL OPENH	EUR	29,8100	29,8100	29,8100			29,8100					
Certificate	NL0012906549	GOLDF910.6TRL OPENH	EUR	28,0700	28,0700	28,0700			28,0700					
Certificate	NL0012906531	GOLDF920.6TRL OPENH	EUR	27,2000	27,2000	27,2000			27,2000					
Certificate	NL001290654	GOLDF923.2TRL OPENH	EUR	26,9600	26,9600	26,9600			26,9600					
Certificate	NL0012906523	GOLDF940.7TRL OPENH	EUR	25,4400	25,4400	25,4400			25,4400					
Certificate	NL0012906515	GOLDF970.7TRL OPENH	EUR	22,8300	22,8300	22,8300			22,8300					
Certificate	NL0012847891	GOLDF995.3TRL OPENH	EUR	20,6900	20,6900	20,6900			20,6900					
Certificate	DE000CJ3N963	GOPRO 6TL 1218Z	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000CJ3N6J1	GOPRO 4.9TL 1218Z	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	DE000CJ3N765	GOPRO 5.6TL 1218Z	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CJ3PCP2	GOPRO 6.4TL 1218Z	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	DE000CJ3N6H5	GOPRO 4.55TL 1218Z	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	DE000CV8ACU7	GOPRO 5.25TL 1218Z	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	DE000CV89U68	GOPRO4.085TL OPENZ	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	DE000CV8AHP6	GOPRO4.595TL OPENZ	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	DE000CV89U76	GOPRO5.101TL OPENZ	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000CV89YE2	GOPRO5.605TL OPENZ	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	DE000CJ3PBH1	GOPRO6.201TL OPENZ	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	NL0000455905	GOUD CT OPENN	EUR	1060,0000	1064,0000	1060,0000			1064,0000					
Certificate	DE000CJ3PAL5	GRMN 45.31TL OPENZ	EUR	1,6450	1,6450	1,6450			1,6450					
Certificate	DE000CV8ASY5	GRMN 52.31TL OPENZ	EUR	1,0650	1,0650	1,0650			1,0650					
Certificate	DE000CV8B1A5	GRMN 62.75TL OPENZ	EUR											
Certificate	NL0012988216	GRNVN 24.6TS OPENB	EUR	5,8050	6,0650	5,8050			6,0650					
Certificate	DE000CV89RM9	GRNVN11.41TL OPENZ	EUR	9,2700	9,2700	9,2700			9,2700					
Certificate	DE000CV4ZUQ3	GRNVN13.45TL OPENZ	EUR	7,2300	7,2300	7,2300			7,2300					
Certificate	DE000CV4ZQ87	GRNVN14.46TL OPENZ	EUR	6,2250	6,2250	6,2250			6,2250					
Certificate	NL0012682777	GRNVN15.04TL OPENB	EUR	6,9250	6,9250	6,6250			6,6250					
Certificate	DE000CD63RB5	GRNVN15.47TL OPENZ	EUR	5,2150	5,2150	5,2150			5,2150					
Certificate	NL0010933560	GRNVN16.07TL OPENB	EUR	5,9650	5,9650	5,6650			5,6650					
Certificate	DE000CD63G35	GRNVN16.46TL OPENZ	EUR	4,2250	4,2250	4,2250			4,2250					
Certificate	NL0012998884	GRNVN17.02BL OPENB	EUR	0,4250	0,4250	0,3950			0,3950					
Certificate	NL0012034094	GRNVN17.15TL OPENB	EUR	4,9550	4,9550	4,6550			4,6550					
Certificate	DE000CD63DO3	GRNVN17.47TL OPENZ	EUR	3,2150	3,2150	3,2150			3,2150					
Certificate	NL0012977557	GRNVN18.01BL OPENB	EUR	0,3250	0,3250	0,2950			0,2950					
Certificate	NL0012785844	GRNVN18.16TL OPENB	EUR	4,0250	4,0250	3,7250			3,7250					
Certificate	DE000CV89VH1	GRNVN18.45TL OPENZ	EUR	2,2450	2,2450	2,2450			2,2450					
Certificate	NL0012977565	GRNVN19.02BL OPENB	EUR	0,2250	0,2250	0,1950			0,1950					
Certificate	NL0012983340	GRNVN19.16TL OPENB	EUR	3,0950	3,0950	2,7950			2,7950					
Certificate	DE000CJ3NPV7	GRNVN19.45TL OPENZ	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	NL0013012016	GRNVN20.03BL OPENB	EUR	0,1250	0,1250	0,0950			0,0950					
Certificate	NL0012996490	GRNVN21.61TS OPENB	EUR	2,5850	2,8450	2,5850			2,8450					
Certificate	NL0012977805	GRNVN21.85BS OPENB	EUR	0,1450	0,1650	0,1450			0,1650					
Certificate	NL0012786313	GRNVN23.07TS OPENB	EUR	4,1550	4,4150	4,1550			4,4150					
Certificate	DE000CE6E4W8	GRNVN23.67TS OPENZ	EUR	3,1650	3,1650	3,1650			3,1650					
Certificate	NL0012982839	GRNVN23.83BS OPENB	EUR	0,3350	0,3650	0,3350			0,3650					
Certificate	DE000CN6FG88	GRNVN26.16TS OPENZ	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	NL0010135000	GS 113TL OPENB	EUR	10,5400	10,5400	10,5400			10,5400					
Certificate	XS1219743553	GSCI STN0419B	EUR	85,7000	85,7000	85,3500			85,3500					
Certificate	DE000CV8A3N5	GVCHD 7.97TL OPENZ	EUR	1,6950	1,6950	1,6950			1,6950					
Certificate	DE000CJ3NLH5	GVCHD6.962TL OPENZ	EUR	2,8250	2,8250	2,8250			2,8250					
Certificate	DE000CV8AX34	GWPH 108.4TL OPENZ	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	DE000CV8AX42	GWPH 129.9TL OPENZ	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	NL0012245559	HEIDL 99.6TS OPENH	EUR	4,8200	4,9900	4,8200			4,9900					
Certificate	NL0011990346	HEIDL103.2TS OPENH	EUR	5,2000	5,3700	5,2000			5,3700					
Certificate	NL0011989876	HEIDL105.1TS OPENH	EUR	5,4000	5,5800	5,4000			5,5800					
Certificate	NL0012541650	HEIDL115.6TS OPENH	EUR	6,5400	6,7100	6,5400			6,7100					
Certificate	NL0011225545	HEIDL35.75TL OPENH	EUR	2,5400	2,5400	2,3700	238,0000	1	2,3700	100				
Certificate	DE000CJ3N476	HEIDL40.64TL OPENZ	EUR	1,7000	1,7000	1,6500	842,5000	2	1,6500	500				
Certificate	DE000CN6ERD7	HEIDL49.66TL OPENZ	EUR	0,7800	0,8100	0,7400	1970,2800	5	0,7600	2602				
Certificate	NL0011225529	HEIDL52.68TL OPENH	EUR	0,9600	0,9600	0,7300	730,0000	1	0,7900	1000				
Certificate	DE000CR9RQR1	HEIDL54.89TL OPENZ	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	DE000CR6Y7D9	HEIDL59.88TL OPENZ	EUR											
Certificate	NL0013081680	HEIDL64.08TS OPENH	EUR	1,0100	1,1800	1,0100			1,1800					
Certificate	NL0012905137	HEIDL70.27TS OPENH	EUR	1,6600	1,8400	1,6600			1,8400					
Certificate	NL0012938302	HEIDL72.15TS OPENH	EUR	1,8700	2,0400	1,8700			2,0400					
Certificate	NL0012920896	HEIDL73.78TS OPENH	EUR	2,0500	2,2100	2,0500			2,2100					
Certificate	NL0012919757	HEIDL75.75TS OPENH	EUR	2,2600	2,4300	2,2600			2,4300					
Certificate	NL0012917165	HEIDL77.72TS OPENH	EUR	2,4700	2,6400	2,4700			2,6400					
Certificate	NL0012911945	HEIDL79.66TS OPENH	EUR	2,6800	2,8500	2,6800			2,8500					
Certificate	NL0012861280	HEIDL81.34TS OPENH	EUR	2,8600	3,0300	2,8600			3,0300					
Certificate	NL0011992573	HEIDL83.68TL 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	NL0012580914	HEIDL84.59TS OPENH	EUR	3,2100	3,3700	3,2100			3,3700					
Certificate	NL0012582225	HEIDL86.57TS OPENH	EUR	3,4200	3,5900	3,4200			3,5900					
Certificate	NL0012565246	HEIDL88.45TS OPENH	EUR	3,6200	3,7900	3,6200			3,7900					
Certificate	NL0012561674	HEIDL90.33TS OPENH	EUR	3,8200	3,9900	3,8200			3,9900					
Certificate	NL0012312896	HEIDL94.08TS OPENH	EUR	4,2300	4,3900	4,2300			4,3900					
Certificate	NL0012246367	HEIDL98.82TS OPENH	EUR	4,7300	4,9000	4,7300			4,9000					
Certificate	NL0011993852	HEIDL99.58TS OPENH	EUR	4,8200	4,9900	4,8200			4,9900					
Certificate	NL0012102735	HEIJM 6.1TL OPENB	EUR	4,3150	4,3150	3,9450			3,9450					
Certificate	NL0012033849	HEIJM 3.51TL OPENB	EUR	6,5650	6,5650	6,1950			6,1950					
Certificate	NL0010124293	HEIJM 4.02TL OPENB	EUR	5,7250	5,7250	5,7250			5,7250					
Certificate	NL0012034102	HEIJM 4.55TL OPENB	EUR	5,6650	5,6650	5,2950			5,2950					
Certificate	NL0012035893	HEIJM 5.06TL OPENB	EUR	5,2150	5,2150	4,8450			4,8450					
Certificate	NL0012102404	HEIJM 5.58TL OPENB	EUR	4,7550	4,7550	4,3850			4,3850					
Certificate	NL0012257836	HEIJM 6.61TL OPENB	EUR	3,8750	3,8750	3,5050			3,5050					
Certificate	NL0012488993	HEIJM 7.11TL OPENB	EUR	3,4350	3,4350	3,0650			3,0650					
Certificate	NL0012504518	HEIJM 7.36TL OPENB	EUR	3,2050	3,2050	2,8350			2,8350					
Certificate	NL0012489223	HEIJM 7.62TL OPENB	EUR	2,9950	2,9950	2,6250	350,0000	1	2,6250	125				
Certificate	NL0012489470	HEIJM 8.14TL OPENB	EUR	2,5450	2,5450	2,1750	3550,0000	3	2,1750	1500				
Certificate	NL0012504534	HEIJM 8.39TL OPENB	EUR	2,3250	2,3250	1,9550	2515,0000	3	1,9550	1200				
Certificate	NL0012684989	HEIJM 8.88TL OPENB	EUR	1,8950	1,8950	1,5250			1,5250					
Certificate	NL0012780308	HEIJM 9.38TL OPENB	EUR											
Certificate	NL0013012792	HEIJM 9.38TL OPENB	EUR	1,4650	1,4650	1,4650			1,4650					
Certificate	NL0012786230	HEIJM 9.89TL OPENB	EUR											
Certificate	NL0013012974	HEIJM 9.97TS OPENB	EUR	2,1850	2,5350	2,1850			2,5350					
Certificate	NL0012789879	HEIJM10.39TL OPENB	EUR											
Certificate	NL0013012982	HEIJM10.47TS OPENB	EUR	2,7750	3,1250	2,7750			3,1250					
Certificate	NL0012990089	HEIJM10.88TL OPENB	EUR											
Certificate	NL0013011851	HEIJM10.97TS OPENB	EUR	3,3550	3,7050	3,3550			3,7050					
Certificate	NL0013010887	HEIJM11.37TL OPENB	EUR											
Certificate	NL0013011869	HEIJM11.47TS OPENB	EUR	3,9450	4,2950	3,9450			4,2950					
Certificate	NL0013010127	HEIJM11.97TS OPENB	EUR	4,5450	4,8950	4,5450			4,8950					
Certificate	NL0013005929	HEIJM12.47TS OPENB	EUR	5,1350	5,4850	5,1350			5,4850					
Certificate	NL0013001944	HEIJM12.96TS OPENB	EUR	5,7050	6,0550	5,7050			6,0550					
Certificate	NL0012791909	HEIJM13.45TS OPENB	EUR	6,2850	6,6350	6,2850			6,6350					
Certificate	NL0012993539	HEIJM13.97TS OPENB	EUR	6,8850	7,2350	6,8850			7,2350					
Certificate	DE000CX59UA7	HEINK 50TL OPENC	EUR	3,0600	3,0600	3,0600			3,0600					
Certificate	DE000CC60N21	HEINK 58TL OPENC	EUR	25,8700	25,8700	25,8700			25,8700					
Certificate	DE000CC60C41	HEINK 60TL OPENC	EUR	21,1000	21,1000	21,1000			21,1000					
Certificate	DE000CC60P04	HEINK 60TL OPENC	EUR	23,8800	23,8800	23,8800			23,8800					
Certificate	DE000CX000X2	HEINK 60TL OPENC	EUR	2,0800	2,0800	2,0800			2,0800					
Certificate	DE000CW42PP3	HEINK 60TL OPENC	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	DE000CC60C58	HEINK 62TL OPENC	EUR	19,0100	19,0100	19,0100			19,0100					
Certificate	DE000CV889B6	HEINK 64TL 1218Z	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	NL0011425525	HEINK 64TL OPENB	EUR	17,8700	19,0100	17,8700			19,0100					
Certificate	DE000CC8ATM1	HEINK 64TL OPENC	EUR	17,1200	17,1200	17,1200			17,1200					
Certificate	DE000CX00336	HEINK 65TL OPENC	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	DE000CC8AE29	HEINK 65TL OPENC	EUR	15,9700	15,9700	15,9700			15,9700					
Certificate	DE000CP06TY6	HEINK 65TL OPENC	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	DE000CX0K1H3	HEINK 65TL OPENC	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	DE000CV8BA14	HEINK 69TL 1218Z	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	DE000CY0AYM2	HEINK 70TL OPENC	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	DE000CY0AZC0	HEINK 70TL OPENC	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000CP06WP8	HEINK 70TL OPENC	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	DE000CP06ZU1	HEINK 70TL OPENC	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	DE000CP06ZV9	HEINK 72TL OPENC	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	DE000CP06WQ6	HEINK 72TL OPENC	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CV8ABA1	HEINK 74TL 1218Z	EUR	0,7900	0,9600	0,7900	98,7500	1	0,9600	125				
Certificate	DE000CY50UQ0	HEINK 75TL OPENC	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	DE000CY50X34	HEINK 75TL OPENC	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	DE000CY16FR0	HEINK 75TL OPENC	EUR	0,7900	0,8700	0,7900	1,6100	2	0,8700	2				
Certificate	DE000CY16AP5	HEINK 75TL OPENC	EUR	0,5200	0,5300	0,5200	156,0000	1	0,5300	300				
Certificate	DE000CP06WR4	HEINK 78TS OPENC	EUR											
Certificate	DE000CP06TZ3	HEINK 80TS OPENC	EUR	0,2200	0,2600	0,2100	43,0000	2	0,2600	200				
Certificate	DE000CP06ZW7	HEINK 80TS OPENC	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CX59PQ3	HEINK 80TS OPENC	EUR											
Certificate	DE000CP06WS2	HEINK 82TS OPENC	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	DE000CP06792	HEINK 85TS OPENC	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	DE000CP067V5	HEINK 85TS OPENC	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	LU1817099010	HEINK 89TPIOPENS	EUR	10,7600	10,7600	10,7600			10,7600					
Certificate	DE000CQ58V12	HEINK 90TS OPENC	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	DE000CP060F3	HEINK 90TS OPENC	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	NL0012987275	HEINK 92BOC0619B	EUR	80,1500	81,3500	80,1500			81,3500					



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	NL0012649016	HEINK 928OC1218Z	EUR	87,1700	87,1700	87,1700			87,1700					
Certificate	NL0012494587	HEINK 998OC1218B	EUR	77,1500	78,3000	77,1500			78,3000					
Certificate	DE000CY16J02	HEINK 100TS OPENC	EUR	2,1300	2,1300	2,1300				2,1300				
Certificate	DE000CY52483	HEINK 100TS OPENC	EUR	1,9400	1,9400	1,9400				1,9400				
Certificate	DE000CY16HZ9	HEINK 100TS OPENC	EUR	1,6900	1,6900	1,6900				1,6900				
Certificate	DE000CQ582L3	HEINK 100TS OPENC	EUR	2,5900	2,5900	2,5900				2,5900				
Certificate	DE000CY505Z5	HEINK 100TS OPENC	EUR	2,3400	2,3400	2,3400				2,3400				
Certificate	DE000CP060G1	HEINK 100TS OPENC	EUR	2,2400	2,2400	2,2400				2,2400				
Certificate	DE000CQ5AWP8	HEINK 110TS OPENC	EUR	3,1200	3,1200	3,1200				3,1200				
Certificate	DE000CY50NU7	HEINK 110TS OPENC	EUR	2,8100	2,8100	2,8100				2,8100				
Certificate	DE000CQ582M1	HEINK 110TS OPENC	EUR	3,6300	3,6300	3,6300				3,6300				
Certificate	DE000CY50X42	HEINK 110TS OPENC	EUR	3,3700	3,3700	3,3700				3,3700				
Certificate	NL0011042197	HEINK 27.4TL OPENH	EUR	51,9100	52,8800	51,9100				52,8800				
Certificate	NL0011042189	HEINK 35.9TL OPENH	EUR	44,0100	44,9700	44,0100				44,9700				
Certificate	NL0010176335	HEINK 37.1TL OPENB	EUR	44,0200	44,0200	44,0200				44,0200				
Certificate	NL0010657144	HEINK 42.4TL OPENB	EUR	39,0600	39,0600	39,0600				39,0600				
Certificate	NL0011042171	HEINK 44.4TL OPENH	EUR	36,0900	37,0600	36,0900				37,0600				
Certificate	NL0010887451	HEINK 47.7TL OPENB	EUR	33,0300	34,1700	33,0300				34,1700				
Certificate	NL0011042163	HEINK 52.9TL OPENH	EUR	28,1700	29,1300	28,1700				29,1300				
Certificate	NL0011042155	HEINK 57.1TL OPENH	EUR	24,2200	25,1800	24,2200				25,1800				
Certificate	NL0010921391	HEINK 57.6TL OPENB	EUR	23,7700	24,9100	23,7700				24,9100				
Certificate	DE000CR1JCA1	HEINK 58.5TL OPENZ	EUR	20,0200	20,0200	20,0200				20,0200				
Certificate	NL0011042148	HEINK 61.4TL OPENH	EUR	20,2700	21,2300	20,2700				21,2300				
Certificate	NL0010928503	HEINK 61.9TL OPENB	EUR	19,8200	20,9600	19,8200				20,9600				
Certificate	NL0012048524	HEINK 65.6TL OPENH	EUR	16,3800	17,3400	16,3800				17,3400				
Certificate	DE000CR6XCW5	HEINK 65.9TL OPENZ	EUR	12,6700	12,6700	12,6700				12,6700				
Certificate	NL0012094064	HEINK 69.1TL OPENH	EUR	13,1100	14,0800	13,1100				14,0800				
Certificate	NL0012489975	HEINK 69.3TL OPENB	EUR	12,8900	14,0300	12,8900				14,0300				
Certificate	NL0012109375	HEINK 69.7BL OPENB	EUR	8,1100	9,2500	8,1100				9,2500				
Certificate	NL0012171946	HEINK 71.1TL OPENH	EUR	11,2400	12,2100	11,2400				12,2100				
Certificate	NL0011996079	HEINK 71.6TS OPENH	EUR											
Certificate	NL0012111355	HEINK 72.3TL OPENB	EUR	10,0800	11,2200	10,0800				11,2200				
Certificate	NL0012175319	HEINK 73.1TL OPENH	EUR	9,3500	10,3200	9,3500				10,3200				
Certificate	DE000VA6D3E7	HEINK 73.6TL OPENV	EUR	0,5410	0,5410	0,5410				0,5410				
Certificate	NL0013009681	HEINK 73.8TL OPENB	EUR	8,7700	9,9100	8,7700				9,9100				
Certificate	NL0012202949	HEINK 75.2TL OPENH	EUR	7,4200	8,6300	7,4200	94,9300	1	8,3800	11				
Certificate	NL0013012800	HEINK 75.3TL OPENB	EUR	7,3000	8,4400	7,3000				8,4400				
Certificate	NL0013007354	HEINK 79.2TS OPENB	EUR	8,4000	8,4000	7,2800				7,2800				
Certificate	NL0013004260	HEINK 82.2TS OPENB	EUR	11,6100	11,6100	10,4900				10,4900				
Certificate	NL0012899975	HEINK 82.9TS OPENH	EUR	12,3600	12,3600	11,4100				11,4100				
Certificate	NL0012995864	HEINK 85.1TS OPENB	EUR	14,7900	14,7900	13,6700				13,6700				
Certificate	NL0012989131	HEINK 88.1TS OPENB	EUR	17,9800	17,9800	16,8600				16,8600				
Certificate	NL0012936652	HEINK 88.6TS OPENH	EUR	18,5000	18,5000	17,5400				17,5400				
Certificate	NL0012933618	HEINK 92.4TS OPENH	EUR	22,5800	22,5800	21,6200				21,6200				
Certificate	NL0011728753	HEINK 94.1TS OPENH	EUR	24,4600	24,4600	23,5000				23,5000				
Certificate	LU1790554817	HEINK 94.6TPIOPENS	EUR	15,4400	15,4400	15,4400				15,4400				
Certificate	NL0011241187	HEINK 94.9TS OPENH	EUR	25,3300	25,3300	24,3700				24,3700				
Certificate	NL0012275671	HEINK 96.9TS OPENB	EUR	27,5500	27,5500	26,4300				26,4300				
Certificate	NL0012889083	HEINK 98.7TS OPENH	EUR	29,3400	29,3400	28,3800				28,3800				
Certificate	NL0012971931	HEINK 99.9TS OPENB	EUR	30,7600	30,7600	29,6400				29,6400				
Certificate	NL0012931216	HEINK100.3TS OPENH	EUR	31,1200	31,1200	30,1600				30,1600				
Certificate	NL0012604698	HEINK105.2TS OPENH	EUR	36,3800	36,3800	35,4200				35,4200				
Certificate	NL0012246375	HEINK105.7TS OPENH	EUR	36,9700	36,9700	36,0100				36,0100				
Certificate	DE000CV87SK5	HEINK106.3TS OPENZ	EUR	5,6300	5,6300	5,6300				5,6300				
Certificate	DE000CV8A179	HEINK116.3TS OPENZ	EUR											
Certificate	DE000CF80APO	HEINK48.16TL OPENC	EUR											
Certificate	DE000CD63X18	HEINK53.45TL OPENZ	EUR	25,0800	25,0800	25,0800				25,0800				
Certificate	LU1841030361	HEINK60.34TCIOPENS	EUR	18,5200	18,5200	18,5200				18,5200				
Certificate	DE000CR4UJ35	HEINK61.94TL OPENZ	EUR	16,6150	16,6150	16,6150				16,6150				
Certificate	DE000CR6V955	HEINK62.83TL OPENZ	EUR	15,7300	15,7300	15,7300				15,7300				
Certificate	NL0011539267	HEINK65.46BL OPENB	EUR	12,3300	13,4700	12,3300	126500,0000	5	13,4700	10000				
Certificate	DE000VA77EH4	HEINK66.74TL OPENV	EUR	1,2400	1,2400	1,2400				1,2400				
Certificate	NL0011532023	HEINK67.62BL OPENB	EUR	10,1900	11,3300	10,1900	2503,2000	1	11,3300	240				
Certificate	LU1493003252	HEINK68.14TCIOPENS	EUR	10,5900	10,5900	10,5900				10,5900				
Certificate	DE000VA7VPV26	HEINK68.72TL OPENV	EUR	1,0400	1,0400	1,0400				1,0400				
Certificate	DE000VAGEFN3	HEINK70.67TL OPENV	EUR	0,8400	0,8400	0,8400				0,8400				
Certificate	DE000CE6BG24	HEINK70.85TL OPENZ	EUR	1,3400	1,5500	1,3400	536,0000	1	1,5500	400				
Certificate	LU1840980673	HEINK70.88TCIOPENS	EUR	8,0100	8,0100	8,0100				8,0100				
Certificate	DE000VAGEFR4	HEINK71.67TL OPENV	EUR	0,5600	0,7400	0,5600	560,0000	1	0,7400	1000				
Certificate	NL0013010556	HEINK71.87BL OPENB	EUR	5,9400	7,0800	5,9400				7,0800				
Certificate	LU1840912916	HEINK73.02TCIOPENS	EUR	5,8600	5,8600	5,8600				5,8600				
Certificate	NL0012111611	HEINK73.88BL OPENB	EUR	3,9300	5,0700	3,9100	5266,0000	4	5,0700	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	DE000VA7PSH2	HEINK74.72TL OPENV	EUR	0,4390	0,4390	0,4390			0,4390					
Certificate	DE000VA71273	HEINK75.76TL OPENV	EUR	0,3490	0,3490	0,3490			0,3490					
Certificate	DE000CE6BR13	HEINK75.79TL OPENZ	EUR											
Certificate	DE000VA71R99	HEINK77.61TS OPENV	EUR											
Certificate	LU1841029272	HEINK77.94TPIOPENS	EUR											
Certificate	NL0013010648	HEINK77.97BS OPENB	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	DE000VA715F3	HEINK78.61TS OPENV	EUR	0,1155	0,1155	0,1155			0,1155					
Certificate	DE000VA77EG6	HEINK79.62TS OPENV	EUR	0,1685	0,1685	0,1685			0,1685					
Certificate	DE000VA77C82	HEINK80.62TS OPENV	EUR	0,2250	0,2250	0,2250			0,2250					
Certificate	NL0013007008	HEINK80.95BS OPENB	EUR	4,1400	4,1400	3,0200			3,0200					
Certificate	LU1840912080	HEINK81.37TPIOPENS	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	DE000VA7PXU5	HEINK81.62TS OPENV	EUR	0,3140	0,3140	0,3140			0,3140					
Certificate	DE000VA6ECD1	HEINK83.74TS OPENV	EUR	0,6470	0,6470	0,4990	907,9900	8	0,4990	1552				
Certificate	NL0012996912	HEINK83.95BS OPENB	EUR	7,1400	7,1400	6,0200			6,0200					
Certificate	LU1817217406	HEINK85.48TPIOPENS	EUR	8,1000	8,1000	7,2900	526,5000	1	7,2900	65				
Certificate	DE000VA6D690	HEINK85.77TS OPENV	EUR	0,6980	0,6980	0,6980			0,6980					
Certificate	DE000CJ3NZ52	HEINK86.38TS OPENZ	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	NL0012994875	HEINK86.94BS OPENB	EUR	10,1300	10,1300	9,0100			9,0100					
Certificate	DE000VASRQX3	HEINK87.81TS OPENV	EUR	0,8970	0,8970	0,8970			0,8970					
Certificate	DE000VASRQY1	HEINK89.81TS OPENV	EUR	1,0960	1,0960	1,0960			1,0960					
Certificate	NL0012985824	HEINK89.92BS OPENB	EUR	13,1100	13,1100	11,9900			11,9900					
Certificate	DE000VASRQZ8	HEINK91.81TS OPENV	EUR	1,2960	1,2960	1,2960			1,2960					
Certificate	NL0012490163	HEINK92.31BS OPENB	EUR	15,5000	15,5000	14,3800			14,3800					
Certificate	DE000VASRQ07	HEINK93.81TS OPENV	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	DE000VASRQ15	HEINK95.81TS OPENV	EUR	1,6940	1,6940	1,6940			1,6940					
Certificate	DE000CE6D4Q1	HEINK96.34TS OPENZ	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	DE000VASRQ23	HEINK97.81TS OPENV	EUR	1,8940	1,8940	1,8940			1,8940					
Certificate	DE000CJ3NUE3	HENKE 67.3TL OPENZ	EUR	2,9600	2,9600	2,9600			2,9600					
Certificate	NL0011721345	HENKE 84.7TL OPENH	EUR	1,8200	1,8200	1,7900			1,7900					
Certificate	NL0011721337	HENKE 88.9TL OPENH	EUR	1,4300	1,4300	1,4000			1,4000					
Certificate	NL0011714027	HENKE 91.8TL OPENH	EUR	1,1600	1,1600	1,1200			1,1200					
Certificate	NL0011742721	HENKE 95.1TL OPENH	EUR											
Certificate	NL0013082605	HENKE100.4TS OPENH	EUR	1,0600	1,1100	1,0600			1,1100					
Certificate	NL0012905145	HENKE104.9TS OPENH	EUR	1,5400	1,5900	1,5400			1,5900					
Certificate	NL0012886697	HENKE114.8TS OPENH	EUR	2,6100	2,6500	2,6100			2,6500					
Certificate	NL0012565261	HENKE116.6TS OPENH	EUR	2,8000	2,8400	2,8000			2,8400					
Certificate	NL0012333819	HENKE124.4TS OPENH	EUR	3,6400	3,6900	3,6400			3,6900					
Certificate	NL0011225552	HENKE127.4TS OPENH	EUR	3,9600	4,0100	3,9600			4,0100					
Certificate	NL0012210108	HENKE151.6TS OPENH	EUR	6,5500	6,6000	6,5500			6,6000					
Certificate	DE000CR9RQT7	HENKE77.31TL OPENZ	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	DE000CR9P6H0	HENKE86.29TL OPENZ	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	DE000CV893G7	HERMS466.9TL OPENZ	EUR	2,1650	2,1650	2,1650			2,1650					
Certificate	DE000CJ3N3M2	HFSH 7.25TL OPENZ	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CV4YZR3	HFSH 8.25TL OPENZ	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	DE000CV4YRD0	HFSH 9.11TL OPENZ	EUR	2,4450	2,4450	2,4450			2,4450					
Certificate	DE000CJ3PB41	HLAN 105TL OPENZ	EUR	2,2550	2,2550	2,2550			2,2550					
Certificate	DE000CJ3PB58	HLAN 120TL OPENZ	EUR	1,5350	1,5350	1,5350			1,5350					
Certificate	DE000CJ3PB66	HLAN 135TL OPENZ	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	NL0013005713	HLAN 126.9TL OPENB	EUR	3,1500	3,1500	2,9900			2,9900					
Certificate	NL0013005721	HLAN 134.4TL OPENB	EUR	2,4700	2,4700	2,3100			2,3100					
Certificate	NL0013005739	HLAN 141.9TL OPENB	EUR	1,7800	1,7800	1,6200			1,6200					
Certificate	NL0013005762	HLAN 150.5TS OPENB	EUR	2,1200	2,2400	2,1200			2,2400					
Certificate	NL0013005770	HLAN 165.5TS OPENB	EUR	3,7900	3,9100	3,7900			3,9100					
Certificate	DE000CV4ZTT9	Hmb 106.TL OPENZ	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000CV887N5	Hmb 115.9TL OPENZ	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	DE000CJ3NB2	Hmb 125.8TL OPENZ	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	DE000CJ3NS02	Hmb 140.8TL OPENZ	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	DE000CJ3NY38	Hmb 155.8TL OPENZ	EUR	0,1300	0,1300	0,1300			0,1300					
Certificate	DE000CV87TK3	Hmb 85.79TL OPENZ	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	DE000CV880X9	Hmb 95.92TL OPENZ	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	NL0011525654	HOMED106.4TL OPENB	EUR	7,1800	7,1800	7,1800			7,1800					
Certificate	DE000CD62361	HSBC 4.085TL OPENZ	EUR	2,3750	2,3750	2,3750			2,3750					
Certificate	DE000CD62LF1	HSBC 4.761TL OPENZ	EUR	1,6050	1,6050	1,6050			1,6050					
Certificate	DE000CD64183	HSBC 5.768TL OPENZ	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	NL0000456457	HSCEI PI OPENN	EUR	111,1000	111,1000	111,1000			111,1000					
Certificate	NL0011218367	HSCEI STN1019V	EUR	102,5000	102,5000	102,5000			102,5000					
Certificate	NL0000450922	HSCEI 1360TL OPENB	EUR	9,6300	9,6300	9,6300			9,6300					
Certificate	NL0006473597	HSCEI 2050TL OPENB	EUR	9,0700	9,0700	9,0700			9,0700					
Certificate	NL0006518359	HSCEI 3590TL OPENB	EUR	7,4900	7,4900	7,4900			7,4900					
Certificate	NL0009067479	HSCEI 4500TL OPENB	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	NL0009069947	HSCEI 5510TL OPENB	EUR	5,5100	5,5100	5,5100			5,5100					
Certificate	NL000995448	HSCEI 6530TL OPENB	EUR	4,4600	4,4600	4,4600			4,4600					



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	NL0012277933	HSCEI 8690TL OPENB	EUR	2,3500	2,3500	2,2300	470,0000	1	2,2300	200				
Certificate	NL0012277958	HSCEI 9730TL OPENB	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	NL0012277966	HSCEI 9990TL OPENB	EUR	0,7800	0,9300	0,7800	132,6000	1	0,9000	170				
Certificate	NL0012976286	HSCEI11470TS OPENB	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	NL0012976294	HSCEI11970TS OPENB	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	NL0012976302	HSCEI12470TS OPENB	EUR	3,9000	3,9000	3,9000			3,9000					
Certificate	NL0011252796	HSCEI13950TS OPENB	EUR	5,6800	5,6800	5,6800			5,6800					
Certificate	DE0005718605	HSI PI OPENN	EUR	280,6500	280,6500	280,6500			280,6500					
Certificate	NL0006467334	HSI 3560TL OPENB	EUR	24,3000	24,3000	24,3000			24,3000					
Certificate	NL0009172667	HSI 6300TL OPENB	EUR	21,4300	21,4300	21,4300			21,4300					
Certificate	NL0009172675	HSI 9930TL OPENB	EUR	17,6200	17,6200	17,6200			17,6200					
Certificate	NL0010609160	HSI 15260TL OPENB	EUR	12,0200	12,0200	12,0200			12,0200					
Certificate	NL0012277990	HSI 18300TL OPENB	EUR	8,8000	8,8000	8,8000			8,8000					
Certificate	NL0012278006	HSI 21420TL OPENB	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	NL0012278014	HSI 23490TL OPENB	EUR	3,6200	3,6200	3,3500	1086,0000	1	3,3500	300				
Certificate	NL0012278022	HSI 24530TL OPENB	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	NL0012976328	HSI 29070TS OPENB	EUR	6,3800	6,3800	6,3800			6,3800					
Certificate	NL0012976336	HSI 31060TS OPENB	EUR	8,7500	8,7500	8,7500			8,7500					
Certificate	DE000CE6E029	HUGO 60.9TL OPENZ	EUR											
Certificate	DE000CE6DQL5	HUGO 49.01TL OPENZ	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	DE000CE6CCZ7	HUGO 54.99TL OPENZ	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	NL0000458172	IABBP PI OPENN	EUR	92,8000	93,9000	92,8000			93,9000					
Certificate	NL0000847689	IAEET PI OPENN	EUR	1,3700	1,3900	1,3700			1,3900					
Certificate	NL0006303281	IAVIT PI OPENN	EUR	19,4600	19,4600	19,4400			19,4400					
Certificate	NL0000290195	IAWUT PI OPENN	EUR	33,0500	33,0500	32,8700			32,8700					
Certificate	DE000CJ3N633	IBAB 9.36TL OPENZ	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	DE000CV4ZCG2	IBAB 10.36TL OPENZ	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	DE000CJ3NLR4	IBAB 11.47TL OPENZ	EUR	0,6550	0,6550	0,6550			0,6550					
Certificate	NL0013009707	IBAB 12.53TL OPENB	EUR	0,5800	0,6200	0,5800			0,6200					
Certificate	DE000CV4ZCE7	IBAB 12.55TL OPENZ	EUR	0,5450	0,5450	0,5450			0,5450					
Certificate	NL0013005812	IBAB 13.53TL OPENB	EUR	0,4900	0,5300	0,4900			0,5300					
Certificate	DE000CV4ZCD9	IBAB 13.64TL OPENZ	EUR	0,4450	0,4450	0,4450			0,4450					
Certificate	NL0013004567	IBAB 14.53TL OPENB	EUR	0,4000	0,4400	0,4000			0,4400					
Certificate	DE000CV4ZAK8	IBAB 14.71TL OPENZ	EUR	0,3400	0,3450	0,3400	417,8600	1	0,3450	1229				
Certificate	NL0013012198	IBAB 15.53TL OPENB	EUR	0,3100	0,3500	0,3100			0,3500					
Certificate	DE000CJ3PB74	IBAB 15.71TL OPENZ	EUR	0,2450	0,2450	0,2450			0,2450					
Certificate	NL0013010150	IBAB 16.46TS OPENB	EUR											
Certificate	NL0013012826	IBAB 16.53TL OPENB	EUR	0,2200	0,2700	0,2200			0,2700					
Certificate	NL0013001969	IBAB 19.45TS OPENB	EUR	0,5400	0,5400	0,5000			0,5000					
Certificate	NL0012994040	IBAB 22.43TS OPENB	EUR	0,8800	0,8800	0,8400			0,8400					
Certificate	NL0012993315	IBAB 25.42TS OPENB	EUR	1,2200	1,2200	1,1800			1,1800					
Certificate	DE000CE6EAD4	IBAB 33.02TS OPENZ	EUR	1,7950	1,7950	1,7950			1,7950					
Certificate	DE000CV505N3	IBERD4.509TL OPENZ	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	DE000CE6CA03	IBERD5.209TL OPENZ	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	DE000CV89547	IBERD6.205TL OPENZ	EUR											
Certificate	NL0010131066	IBEX 4670TL OPENB	EUR	43,3600	43,3600	43,3600			43,3600					
Certificate	NL0010134136	IBEX 5780TL OPENB	EUR	32,5700	32,5700	32,5700			32,5700					
Certificate	DE000CN6JQA4	IBEX 6280TL OPENZ	EUR	27,3700	27,3700	25,8700			25,8700					
Certificate	NL0010443057	IBEX 6340TL OPENB	EUR	27,1000	27,1000	27,1000			27,1000					
Certificate	DE000CN6HNC1	IBEX 6799TL OPENZ	EUR	22,1800	22,1800	20,6800			20,6800					
Certificate	NL0010445706	IBEX 6900TL OPENB	EUR	21,7300	21,7300	21,7300			21,7300					
Certificate	DE000CX0JRX5	IBEX 7000TL OPENC	EUR	16,6700	16,6700	16,6700			16,6700					
Certificate	DE000CX0J551	IBEX 7000TL OPENC	EUR	17,6300	17,6300	17,6300			17,6300					
Certificate	DE000CN6H3U2	IBEX 7320TL OPENZ	EUR	16,9700	16,9700	15,4700			15,4700					
Certificate	DE000CX005F8	IBEX 7500TL OPENC	EUR	11,7100	11,7100	11,7100			11,7100					
Certificate	DE000CX004V8	IBEX 7500TL OPENC	EUR	10,7600	10,7600	10,7600			10,7600					
Certificate	DE000CD626D0	IBEX 7831TL OPENZ	EUR	11,8600	11,8600	10,3600			10,3600					
Certificate	DE000CX590N3	IBEX 8200TL OPENC	EUR	4,7000	4,7000	3,3900	1894,0000	3	3,3900	425				
Certificate	DE000CD63YL0	IBEX 8335TL OPENZ	EUR	6,8200	6,8200	5,3200			5,3200					
Certificate	DE000CV0AK56	IBEX 8500TL OPENC	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	DE000CP063N1	IBEX 8500TL OPENC	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	DE000CX59CD9	IBEX 8500TL OPENC	EUR											
Certificate	DE000CQ05AJT7	IBEX 9000TL OPENC	EUR											
Certificate	DE000CP06VN5	IBEX 9500TS OPENC	EUR	6,6400	6,6400	6,6400			6,6400					
Certificate	DE000CP07C75	IBEX 9500TS OPENC	EUR	8,6200	8,6200	8,6200			8,6200					
Certificate	DE000CJ3N740	IBEX 9696TS OPENZ	EUR	6,8700	8,3700	6,8700			8,3700					
Certificate	DE000CE6BU18	IBEX 10393TS OPENZ	EUR	13,8300	15,3400	13,8300			15,3400					
Certificate	NL0011048897	IBEX 10420TS OPENH	EUR	23,3600	24,4700	23,3600			24,4700					
Certificate	DE000CQ05AJU5	IBEX 10500TS OPENC	EUR	12,2600	12,2600	12,2600			12,2600					
Certificate	DE000CQ05AMA1	IBEX 10500TS OPENC	EUR	14,4500	14,4500	14,4500			14,4500					
Certificate	NL0011048889	IBEX 10790TS OPENH	EUR	27,3500	28,4900	27,3500			28,4900					
Certificate	DE000CE6CX22	IBEX 11086TS OPENZ	EUR	20,7600	22,2600	20,7600			22,2600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CY51WX0	IBEX 11500TS OPENC	EUR	21,0800	21,0800	21,0800			21,0800					
Certificate	DE000CY16UK4	IBEX 11500TS OPENC	EUR	14,0100	14,0100	14,0100			14,0100					
Certificate	DE000CY50MT1	IBEX 11500TS OPENC	EUR	17,4900	17,4900	17,4900			17,4900					
Certificate	DE000CE6C899	IBEX 11783TS OPENZ	EUR	27,7300	29,2300	27,7300			29,2300					
Certificate	DE000CY51YA4	IBEX 12000TS OPENC	EUR	23,6100	23,6100	23,6100			23,6100					
Certificate	DE000CY16RS3	IBEX 12000TS OPENC	EUR	18,4100	18,4100	18,4100			18,4100					
Certificate	DE000CY50MU9	IBEX 12000TS OPENC	EUR	22,2800	22,2800	22,2800			22,2800					
Certificate	NL0011048871	IBEX 12260TS OPENH	EUR	43,3100	44,4500	43,3100			44,4500					
Certificate	DE000CE6CU58	IBEX 12479TS OPENZ	EUR	34,6900	36,2000	34,6900			36,2000					
Certificate	DE000CY16RT1	IBEX 13000TS OPENC	EUR	27,7700	27,7700	27,7700			27,7700					
Certificate	DE000CY16U30	IBEX 13000TS OPENC	EUR	27,7500	29,3500	27,7500	55,5000	1	29,3500	2				
Certificate	NL0011048863	IBEX 13720TS OPENH	EUR	59,2700	60,4100	59,2700			60,4100					
Certificate	NL00009172253	IBM 80TL OPENB	EUR	49,6600	49,6600	49,6600			49,6600					
Certificate	NL0011637277	IBM 107.2TL OPENB	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	NL0011240395	IBM 111.4TL OPENH	EUR	2,5900	2,5900	2,3800			2,3800					
Certificate	NL0011651534	IBM 113.5TL OPENB	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	NL0011658224	IBM 126.6TL OPENB	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	NL0011795059	IBM 133.8TL OPENB	EUR											
Certificate	NL0011899299	IBM 135.38L OPENB	EUR											
Certificate	NL0013010135	IBM 150.5TS OPENC	EUR	2,7250	2,7250	2,7250			2,7250					
Certificate	NL0012682975	IBM 165.6TS OPENC	EUR	4,1550	4,1550	4,1550			4,1550					
Certificate	NL0011240346	IBM 173.3TS OPENH	EUR	4,5700	4,8000	4,5700			4,8000					
Certificate	NL0012031686	IBM 182.7TS OPENC	EUR	5,7650	5,7650	5,7650			5,7650					
Certificate	NL0011052089	IBM 188.4TS OPENC	EUR	5,9800	6,2100	5,9800			6,2100					
Certificate	NL0011408976	ICAAG205.STL OPENH	EUR	8,9600	8,9600	8,9600			8,9600					
Certificate	NL0011408968	ICAAG221.2TL OPENH	EUR	7,5700	7,5700	7,5700			7,5700					
Certificate	NL0011714035	ICAAG339.6TS OPENC	EUR	9,4800	9,4800	9,4800			9,4800					
Certificate	DE000CJ3N0G0	ICAG 4.32TL OPENZ	EUR	1,7950	1,7950	1,7950			1,7950					
Certificate	DE000CV4YZY9	ICAG 5.02TL OPENZ	EUR	1,0550	1,0550	1,0550			1,0550					
Certificate	DE000CV4Z1F0	ICAG 5.85TL OPENZ	EUR											
Certificate	DE000CJ3NVA9	ICICI 6.34TL OPENZ	EUR	0,2050	0,2050	0,2050			0,2050					
Certificate	DE000CV8ASZ2	ICICI 7.41TL OPENZ	EUR	0,1150	0,1150	0,1150			0,1150					
Certificate	DE000CN6KYM1	IFSfu13927TL OPENZ	EUR	5,5500	5,5500	5,0400			5,0400					
Certificate	DE000CE6C7N2	IFSfu15542TL OPENZ	EUR	3,9300	3,9300	3,4200			3,4200					
Certificate	DE000CE6C7P7	IFSfu17050TL OPENZ	EUR	2,4200	2,4200	1,9200			1,9200					
Certificate	DE000CE6C7Q5	IFSfu18558TL OPENZ	EUR	0,9100	0,9100	0,4100			0,4100					
Certificate	DE000CV894D2	IFSfu22823TS OPENZ	EUR	3,4900	4,0000	3,4900			4,0000					
Certificate	DE000CV87ER0	IFSfu24820TS OPENZ	EUR	5,4900	5,9900	5,4900			5,9900					
Certificate	DE000CV508E6	IFSfu26817TS OPENZ	EUR	7,4800	7,9900	7,4800			7,9900					
Certificate	DE000CV88FB9	IFSfu30819TS OPENZ	EUR											
Certificate	DE000CN6H2W0	IMCD 31TL OPENZ	EUR											
Certificate	NL0012031348	IMCD 33.3TL OPENC	EUR	29,8800	30,4300	29,8800			30,4300					
Certificate	NL0012977573	IMCD 52.68L OPENC	EUR	0,8750	0,9250	0,8750			0,9250					
Certificate	DE000CJ3N8K5	IMCD 57.3TL OPENZ	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	DE000CV89FC5	IMCD 73.4TS OPENZ	EUR	1,2550	1,2550	1,2550			1,2550					
Certificate	DE000CV8B0A7	IMCD 83.4TS OPENZ	EUR	2,2550	2,2550	2,2550			2,2550					
Certificate	DE000CN6KVU0	IMCD 33.66TL OPENZ	EUR	2,8950	2,8950	2,8950			2,8950					
Certificate	DE000CD63QL6	IMCD 36.81TL OPENZ	EUR	2,5950	2,5950	2,5950			2,5950					
Certificate	NL0012038764	IMCD 37.39TL OPENC	EUR	26,0700	26,6200	26,0700			26,6200					
Certificate	NL0012102743	IMCD 39.41TL OPENC	EUR	24,1800	24,7300	24,1800			24,7300					
Certificate	DE000CE6BNC5	IMCD 39.44TL OPENZ	EUR	2,2050	2,2050	2,2050			2,2050					
Certificate	DE000CD64AG8	IMCD 39.93TL OPENZ	EUR	2,2950	2,2950	2,2950			2,2950					
Certificate	DE000CE6BPL1	IMCD 42.41TL OPENZ	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	NL0012119820	IMCD 43.46TL OPENC	EUR	20,4300	20,9800	20,4300			20,9800					
Certificate	DE000CE6BLK2	IMCD 43.55TL OPENZ	EUR	1,9450	1,9450	1,9450			1,9450					
Certificate	DE000CE6CF60	IMCD 45.38TL OPENZ	EUR	1,6200	1,6200	1,6150	178,2000	1	1,6150	110				
Certificate	NL0012122030	IMCD 45.48TL OPENC	EUR	18,5400	19,0900	18,5400			19,0900					
Certificate	NL0012281810	IMCD 47.48TL OPENC	EUR	16,6800	17,2300	16,6800			17,2300					
Certificate	DE000CV88M28	IMCD 49.35TL OPENZ	EUR	1,2150	1,2150	1,2150			1,2150					
Certificate	DE000CV89FA9	IMCD 53.32TL OPENZ	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	NL0012977581	IMCD 55.128L OPENC	EUR	0,6150	0,6750	0,6150			0,6750					
Certificate	NL0012971048	IMCD 55.42TL OPENC	EUR	9,2900	9,8400	9,2900			9,8400					
Certificate	NL0012978423	IMCD 57.38TL OPENC	EUR	7,4800	8,0300	7,4800			8,0300					
Certificate	NL0013008725	IMCD 57.628L OPENC	EUR	0,3650	0,4250	0,3650			0,4250					
Certificate	DE000CV89YH5	IMCD 58.25TL OPENZ	EUR											
Certificate	NL0013012818	IMCD 59.38TL OPENC	EUR	5,6200	6,1700	5,6200			6,1700					
Certificate	NL0013010143	IMCD 61.66TS OPENC	EUR											
Certificate	NL0013007982	IMCD 64.65TS OPENC	EUR	9,2800	9,2800	8,6300			8,6300					
Certificate	NL0013007719	IMCD 65.118S OPENC	EUR	0,4950	0,4950	0,4350			0,4350					
Certificate	DE000CJ3N484	IMCD 65.41TS OPENZ	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	NL0013005614	IMCD 67.63TS OPENC	EUR	12,5100	12,5100	11,8600			11,8600					
Certificate	NL0012979546	IMCD 70.118S OPENC	EUR	0,9950	0,9950	0,9350			0,9350					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012990659	IMCD 70.54TS OPENB	EUR	15,6500	15,6500	15,0000			15,0000					
Certificate	NL0012994578	IMCD 73.61TS OPENB	EUR	18,9700	18,9700	18,3200			18,3200					
Certificate	NL0012990477	IMCD 75.098S OPENB	EUR	1,4950	1,4950	1,4250			1,4250					
Certificate	DE000CP06Y23	INBEV 50TL OPENC	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	NL0011993399	INBEV 57TL OPENH	EUR	1,9800	2,0000	1,9800			2,0000					
Certificate	DE000CQ5ARW4	INBEV 60TL OPENC	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	DE000CY52UY0	INBEV 60TL OPENC	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	NL0010609806	INBEV 61TL OPENB	EUR	16,0250	16,4250	16,0250			16,4250					
Certificate	DE000VA71UJ1	INBEV 64TL 0319V	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CP06VY2	INBEV 65TL OPENC	EUR	0,8700	0,8700	0,8700			0,8700					
Certificate	DE000VA7PTT5	INBEV 66TL 0319V	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000VA71UG7	INBEV 66TL 1218V	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000VA7PTU3	INBEV 68TL 0319V	EUR	0,4440	0,4440	0,4440			0,4440					
Certificate	DE000VA71NX7	INBEV 68TL 1218V	EUR	0,4420	0,4420	0,4420			0,4420					
Certificate	DE000VA7PTV1	INBEV 70TL 0319V	EUR	0,2930	0,2930	0,2930			0,2930					
Certificate	DE000VA6EB16	INBEV 70TL 1218V	EUR	0,2890	0,2890	0,2890			0,2890					
Certificate	DE000CP06Z04	INBEV 70TL OPENC	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	DE000CP06NP7	INBEV 70TL OPENC	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000VA7PTW9	INBEV 72TL 0319V	EUR	0,1470	0,1470	0,1470			0,1470					
Certificate	DE000VA6D5P8	INBEV 72TL 1218V	EUR	0,1460	0,1460	0,1460			0,1460					
Certificate	DE000CP06Z12	INBEV 75TS OPENC	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	DE000CP06VZ9	INBEV 75TS OPENC	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	DE000VA71NV1	INBEV 76TS 0319V	EUR	0,4760	0,4760	0,4760			0,4760					
Certificate	DE000VA71N02	INBEV 76TS 1218V	EUR	0,4630	0,4630	0,4630			0,4630					
Certificate	DE000VA7PTQ1	INBEV 78TS 0319V	EUR	0,6940	0,6940	0,6940			0,6940					
Certificate	DE000VA64XR3	INBEV 78TS 1218V	EUR	0,6820	0,6820	0,6820			0,6820					
Certificate	NL0012796122	INBEV 808ON1219Z	EUR	74,4000	74,4000	74,4000			74,4000					
Certificate	DE000CX001X0	INBEV 80TL OPENC	EUR											
Certificate	DE000VA7PTR9	INBEV 80TS 0319V	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000VA6D724	INBEV 80TS 1218V	EUR	0,8980	0,8980	0,8980			0,8980					
Certificate	DE000CP06TK5	INBEV 80TS OPENC	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CP06Z20	INBEV 80TS OPENC	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	DE000VA7PTS7	INBEV 82TS 0319V	EUR	1,1170	1,1170	1,1170			1,1170					
Certificate	DE000VA6D237	INBEV 82TS 1218V	EUR	1,1050	1,1050	1,1050			1,1050					
Certificate	DE000VA7PVN4	INBEV 84TS 0319V	EUR	1,3190	1,3190	1,3190			1,3190					
Certificate	DE000VA6D245	INBEV 84TS 1218V	EUR	1,3090	1,3090	1,3090			1,3090					
Certificate	NL0012796700	INBEV 868OC1219Z	EUR	73,5500	73,5500	73,5500			73,5500					
Certificate	DE000VASRQP9	INBEV 86TS 1218V	EUR	1,5110	1,5110	1,5110			1,5110					
Certificate	DE000VASRME2	INBEV 88TS 1218V	EUR	1,7120	1,7120	1,7120			1,7120					
Certificate	DE000VA4YTU2	INBEV 90TS 1218V	EUR	1,9120	1,9120	1,9120			1,9120					
Certificate	DE000CQ5BSU4	INBEV 90TS OPENC	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	DE000CP06206	INBEV 90TS OPENC	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	DE000CQ5ANR3	INBEV 90TS OPENC	EUR											
Certificate	NL0012795520	INBEV 928OC0619Z	EUR	73,1100	73,1100	73,1100			73,1100					
Certificate	DE000VA3Z0T8	INBEV 92TS 1218V	EUR	2,1130	2,1130	2,1130			2,1130					
Certificate	NL0012795538	INBEV 938OC0919Z	EUR	74,4900	74,4900	74,4900			74,4900					
Certificate	NL0012795231	INBEV 938OC1218Z	EUR	74,5450	74,5450	74,5450			74,5450					
Certificate	DE000VA3Z0U6	INBEV 94TS 1218V	EUR	2,3130	2,3130	2,3130			2,3130					
Certificate	DE000VA3Z1L3	INBEV 96TS 1218V	EUR	2,5130	2,5130	2,5130			2,5130					
Certificate	DE000VA3Z3K1	INBEV 98TS 1218V	EUR	2,7130	2,7130	2,7130			2,7130					
Certificate	DE000CY52B04	INBEV 100TS OPENC	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	DE000CY529L4	INBEV 100TS OPENC	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000CY50230	INBEV 110TS OPENC	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	DE000CY50032	INBEV 110TS OPENC	EUR	3,1800	3,1800	3,1800			3,1800					
Certificate	DE000CX0J969	INBEV 125TS OPENC	EUR	3,8000	3,8000	3,8000			3,8000					
Certificate	DE000CX0JAJ0	INBEV 125TS OPENC	EUR	4,3600	4,3600	4,3600			4,3600					
Certificate	DE000CW42UQ1	INBEV 130TS OPENC	EUR	4,1000	4,1000	4,1000			4,1000					
Certificate	NL0012331979	INBEV 26.5TL OPENH	EUR	4,8200	4,8500	4,8200	2667,5000	1	4,8300	550				
Certificate	NL0012331987	INBEV 32.7TL OPENH	EUR	4,2500	4,2600	4,2500			4,2600					
Certificate	NL0011993407	INBEV 41.5TL OPENH	EUR	3,4200	3,4400	3,4200			3,4400					
Certificate	NL0010127148	INBEV 45.8TL OPENB	EUR	30,1950	30,5950	30,1950			30,5950					
Certificate	NL0010127932	INBEV 50.3TL OPENB	EUR	26,0350	26,4350	26,0350			26,4350					
Certificate	NL0011995246	INBEV 50.8TL OPENH	EUR	2,5600	2,5800	2,5600			2,5800					
Certificate	NL0012331995	INBEV 63.3TL OPENH	EUR	1,4000	1,4200	1,4000			1,4200					
Certificate	NL0013012149	INBEV 63.5TL OPENB	EUR	13,7850	14,1750	13,7850			14,1750					
Certificate	NL0012901656	INBEV 65.6TL OPENH	EUR	1,1800	1,2000	1,1800			1,2000					
Certificate	NL0010655817	INBEV 66.8TL OPENB	EUR	10,6300	11,0300	10,6300			11,0300					
Certificate	DE000VL76DY2	INBEV 69.1TL OPENV	EUR	0,4560	0,4560	0,4560			0,4560					
Certificate	NL0012578512	INBEV 69.5TL OPENH	EUR	0,8200	0,8300	0,8200			0,8300					
Certificate	NL0010890745	INBEV 70.4TL OPENB	EUR	7,3750	7,7650	7,3750			7,7650					
Certificate	DE000VL76DZ9	INBEV 71.1TL OPENV	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	NL0011993381	INBEV 72.4TL OPENH	EUR	0,5500	0,5600	0,5500			0,5600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA7PSB5	INBEV 76.6TS OPENV	EUR	0,4070	0,4070	0,4070			0,4070					
Certificate	NL0013079247	INBEV 77.3TS OPENH	EUR	1,0800	1,0800	1,0700			1,0700					
Certificate	NL0012995781	INBEV 79.3TS OPENB	EUR	12,9750	12,9750	12,5750			12,5750					
Certificate	NL0012894083	INBEV 81.4TS OPENH	EUR	1,5200	1,5200	1,5100			1,5100					
Certificate	NL0012894075	INBEV 83.4TS OPENH	EUR	1,7400	1,7400	1,7300			1,7300					
Certificate	NL0012994024	INBEV 84.2TS OPENB	EUR	18,3450	18,3450	17,9450			17,9450					
Certificate	NL0012890719	INBEV 87.3TS OPENH	EUR	2,1600	2,1600	2,1500			2,1500					
Certificate	NL0012984611	INBEV 89.2TS OPENB	EUR	23,7050	23,7050	23,3050			23,3050					
Certificate	NL0012595094	INBEV 91.3TS OPENH	EUR	2,6000	2,6000	2,5900			2,5900					
Certificate	NL0012580435	INBEV 93.3TS OPENH	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	NL0012580427	INBEV 95.2TS OPENH	EUR	3,0200	3,0200	3,0100			3,0100					
Certificate	NL0012539944	INBEV 98.2TS OPENH	EUR	3,3400	3,3400	3,3300			3,3300					
Certificate	NL0012583405	INBEV101.2TS OPENH	EUR	3,6600	3,6600	3,6500			3,6500					
Certificate	DE000VL61MR9	INBEV101.6TS OPENV	EUR	2,4770	2,4770	2,4770			2,4770					
Certificate	DE000CE6DKR5	INBEV101.6TS OPENZ	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	NL0012925994	INBEV103.4TS OPENH	EUR	3,9000	3,9000	3,8900			3,8900					
Certificate	NL0011421862	INBEV106.9TS OPENH	EUR	4,2800	4,2800	4,2700			4,2700					
Certificate	NL0012592687	INBEV107.1TS OPENH	EUR	4,3000	4,3000	4,2900			4,2900					
Certificate	NL0012585129	INBEV107.1TS OPENH	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	NL0011081377	INBEV108.6TS OPENB	EUR	44,6750	44,6750	44,2750			44,2750					
Certificate	NL0011041876	INBEV109.6TS OPENH	EUR	4,5700	4,5700	4,5700			4,5700					
Certificate	DE000CR6Y9A1	INBEV113.6TS OPENZ	EUR											
Certificate	NL0012048383	INBEV115.7TS OPENH	EUR	5,2300	5,2300	5,2200			5,2200					
Certificate	NL0011995162	INBEV121.1TS OPENH	EUR	5,8100	5,8100	5,8000			5,8000					
Certificate	NL0011995154	INBEV126.8TS OPENH	EUR	6,4300	6,4300	6,4200			6,4200					
Certificate	NL0011995147	INBEV132.5TS OPENH	EUR	7,0500	7,0500	7,0400			7,0400					
Certificate	NL0012549034	INBEV139.7TS OPENH	EUR	7,8200	7,8200	7,8100			7,8100					
Certificate	NL0012559611	INBEV140.2TS OPENH	EUR	7,8700	7,8700	7,8600			7,8600					
Certificate	NL0012332027	INBEV141.3TS OPENH	EUR	7,9900	7,9900	7,9800			7,9800					
Certificate	NL0012332035	INBEV147.1TS OPENH	EUR	8,6200	8,6200	8,6200			8,6200					
Certificate	NL0012329445	INBEV155.8TS OPENH	EUR	9,5600	9,5600	9,5500			9,5500					
Certificate	DE000CJ3NUC7	INBEV45.92TL OPENZ	EUR	5,4100	5,4100	5,4100			5,4100					
Certificate	DE000CV8BD37	INBEV54.92TL OPENZ	EUR	3,6150	3,6150	3,6150			3,6150					
Certificate	DE000CJ3N8C2	INBEV60.43TL OPENZ	EUR	2,5250	2,5250	2,5250			2,5250					
Certificate	DE000VA71WA6	INBEV61.72TL OPENV	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	DE000VA71R08	INBEV62.72TL OPENV	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	NL0013004351	INBEV63.93BL OPENB	EUR	9,5850	9,9750	9,5850			9,9750					
Certificate	DE000VA15LV2	INBEV63.94TL OPENV	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	DE000CV4ZZC2	INBEV64.96TL OPENZ	EUR	1,6150	1,6150	1,6150			1,6150					
Certificate	DE000VA71R32	INBEV65.72TL OPENV	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	DE000VAGEFE2	INBEV66.63TL OPENV	EUR	0,6460	0,6460	0,6460			0,6460					
Certificate	NL0012995344	INBEV67.13BL OPENB	EUR	6,3850	6,7750	6,3850	2019,0000	1	6,7750	300				
Certificate	DE000CV4YYH7	INBEV70.06TL OPENZ	EUR	0,6500	0,6600	0,5950	6330,0000	3	0,5950	9600				
Certificate	NL0012786669	INBEV70.49BL OPENB	EUR	3,0250	3,4150	3,0250			3,4150					
Certificate	DE000VA71R65	INBEV71.72TL OPENV	EUR	0,1670	0,1670	0,1670			0,1670					
Certificate	DE000VL61M02	INBEV73.09TL OPENV	EUR											
Certificate	DE000VA71V93	INBEV74.54TS OPENV	EUR	0,2120	0,2120	0,2120			0,2120					
Certificate	DE000VA71RX8	INBEV75.54TS OPENV	EUR	0,3110	0,3110	0,3110			0,3110					
Certificate	NL0013008899	INBEV76.25BS OPENB	EUR	4,2250	4,2250	3,8250			3,8250					
Certificate	DE000VA64ZF3	INBEV77.61TS OPENV	EUR	0,5060	0,5060	0,5060			0,5060					
Certificate	DE000VA64XZ6	INBEV78.61TS OPENV	EUR	0,6030	0,6030	0,6030			0,6030					
Certificate	DE000VA6D716	INBEV79.76TS OPENV	EUR	0,7030	0,7030	0,7030			0,7030					
Certificate	NL0012995526	INBEV80.05BS OPENB	EUR	8,0350	8,0350	7,6350			7,6350					
Certificate	DE000CV8BE10	INBEV81.72TS OPENZ	EUR	1,7800	1,8150	1,7800	8900,0000	1	1,8150	5000				
Certificate	DE000VASRRX1	INBEV81.78TS OPENV	EUR	0,9010	0,9010	0,9010			0,9010					
Certificate	DE000VASRRY9	INBEV83.78TS OPENV	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	NL0012993919	INBEV84.05BS OPENB	EUR	12,0350	12,0350	11,6350			11,6350					
Certificate	DE000VASRQNA	INBEV85.79TS OPENV	EUR	1,2970	1,2970	1,2970			1,2970					
Certificate	DE000VASRMD4	INBEV87.83TS OPENV	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	DE000VA1GMD6	INBEV89.02TS OPENV	EUR											
Certificate	DE000VA4YTS6	INBEV90.06TS OPENV	EUR	1,6930	1,6930	1,6930			1,6930					
Certificate	DE000CV8AU3	INBEV91.69TS OPENZ	EUR	3,8050	3,8050	3,8050			3,8050					
Certificate	NL0012693477	INBEV92.63BS OPENB	EUR	20,6150	20,6150	20,2150			20,2150					
Certificate	DE000VL61MX7	INBEV95.56TS OPENV	EUR	1,8910	1,8910	1,8910			1,8910					
Certificate	DE000VL61MY5	INBEV97.56TS OPENV	EUR	2,0870	2,0870	2,0870			2,0870					
Certificate	DE000VL61M22	INBEV99.56TS OPENV	EUR	2,2820	2,2820	2,2820			2,2820					
Certificate	NL0000456465	INDIA PI OPENN	EUR	90,9000	91,8500	90,9000			91,8500					
Certificate	NL0000290302	INDIA PI OPENN	EUR	14,3100	14,3800	14,3100			14,3800					
Certificate	DE000CV87M52	INDIT19.26TL OPENZ	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	DE000CN6JRC8	INDIT21.27TL OPENZ	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	DE000CV87ZQ7	INDIT23.25TL OPENZ	EUR	0,3300	0,3300	0,3000	14222,0800	2	0,3000	44444				
Certificate	NL0012527964	INFIN 35TS OPENH	EUR	18,7000	19,4500	18,7000			19,4500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011926860	INFIN 12.5TL OPENH	EUR	7,2300	7,2300	6,5100			6,5100					
Certificate	NL0012049316	INFIN 15.6TL OPENH	EUR	4,3300	4,3300	3,6100			3,6100					
Certificate	NL0012557763	INFIN 26.7TS OPENH	EUR	9,7800	10,5300	9,7800			10,5300					
Certificate	NL0012312979	INFIN 5.89TL OPENH	EUR	13,4100	13,4100	12,6900			12,6900					
Certificate	NL0012312961	INFIN 7.42TL OPENH	EUR	11,9800	11,9800	11,2600			11,2600					
Certificate	NL0012312953	INFIN 8.95TL OPENH	EUR	10,5500	10,5500	9,8300			9,8300					
Certificate	NL0011714183	INFIN10.73TL OPENH	EUR	8,8800	8,8800	8,1600			8,1600					
Certificate	NL0011714167	INFIN11.25TL OPENH	EUR	8,4000	8,4000	7,6800			7,6800					
Certificate	DE000CN6K2G8	INFIN11.54TL OPENZ	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	NL0011896576	INFIN11.73TL OPENH	EUR	7,9500	7,9500	7,2300			7,2300					
Certificate	NL0011896568	INFIN11.99TL OPENH	EUR	7,7100	7,7100	6,9900			6,9900					
Certificate	NL0011896550	INFIN12.24TL OPENH	EUR	7,4700	7,4700	6,7500			6,7500					
Certificate	NL0011927827	INFIN12.76TL OPENH	EUR	6,9900	6,9900	6,2700			6,2700					
Certificate	NL0011927819	INFIN13.02TL OPENH	EUR	6,7400	6,7400	6,0200			6,0200					
Certificate	NL0011928742	INFIN13.28TL OPENH	EUR	6,5000	6,5000	5,7800			5,7800					
Certificate	NL0011929377	INFIN13.54TL OPENH	EUR	6,2600	6,2600	5,5400			5,5400					
Certificate	NL0011934120	INFIN13.81TL OPENH	EUR	6,0100	6,0100	5,2900			5,2900					
Certificate	NL0011934336	INFIN14.06TL OPENH	EUR	5,7700	5,7700	5,0500			5,0500					
Certificate	NL0011975651	INFIN14.56TL OPENH	EUR	5,3000	5,3000	4,5800			4,5800					
Certificate	DE000CD62KN7	INFIN14.62TL OPENZ	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	NL0011993936	INFIN15.08TL OPENH	EUR	4,8200	4,8200	4,1000			4,1000					
Certificate	NL0012333801	INFIN15.32TL OPENH	EUR	4,5900	4,5900	3,8700			3,8700					
Certificate	NL0011996319	INFIN15.55TL OPENH	EUR											
Certificate	NL0012314496	INFIN15.84TL OPENH	EUR	4,1000	4,1000	3,3800			3,3800					
Certificate	NL0011997523	INFIN16.05TL OPENH	EUR											
Certificate	NL0012055198	INFIN16.11TL OPENH	EUR	3,8600	3,8600	3,1400			3,1400					
Certificate	NL0012057558	INFIN16.61TL OPENH	EUR	3,3900	3,3900	2,6700			2,6700					
Certificate	DE000CD64G42	INFIN16.61TL OPENZ	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	NL0012197453	INFIN16.86TL OPENH	EUR	3,1500	3,1500	2,4300			2,4300					
Certificate	NL0012206882	INFIN17.12TL OPENH	EUR	2,9100	2,9100	2,1900			2,1900					
Certificate	NL0012206874	INFIN17.38TL OPENH	EUR	2,6700	2,6700	1,9500			1,9500					
Certificate	NL0012206866	INFIN17.63TL OPENH	EUR											
Certificate	NL0013082613	INFIN17.83TL OPENH	EUR											
Certificate	NL0012206858	INFIN17.89TL OPENH	EUR											
Certificate	NL0013085145	INFIN18.83TL OPENH	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	NL0013079338	INFIN19.58TS OPENH	EUR											
Certificate	NL0012897953	INFIN21.08TS OPENH	EUR	3,7500	4,5000	3,7500			4,5000					
Certificate	NL0012938310	INFIN22.46TS OPENH	EUR	5,2300	5,9800	5,2300			5,9800					
Certificate	NL0012920904	INFIN23.37TS OPENH	EUR	6,2000	6,9600	6,2000			6,9600					
Certificate	NL0012919765	INFIN24.36TS OPENH	EUR	7,2600	8,0200	7,2600			8,0200					
Certificate	NL0012917173	INFIN24.85TS OPENH	EUR	7,7900	8,5400	7,7900			8,5400					
Certificate	NL0012057533	INFIN25.56TS OPENH	EUR	8,5500	9,3100	8,5500			9,3100					
Certificate	NL0012093819	INFIN25.58TS OPENH	EUR	8,5800	9,3300	8,5800			9,3300					
Certificate	NL0012861298	INFIN26.25TS OPENH	EUR	9,2900	10,0500	9,2900			10,0500					
Certificate	NL0012542195	INFIN26.78TS OPENH	EUR	9,8600	10,6100	9,8600			10,6100					
Certificate	NL0012206825	INFIN27.15TS OPENH	EUR	10,2600	11,0200	10,2600			11,0200					
Certificate	NL0012312920	INFIN28.81TS OPENH	EUR	12,0400	12,7900	12,0400			12,7900					
Certificate	NL0012312912	INFIN30.26TS OPENH	EUR	13,6000	14,3500	13,6000			14,3500					
Certificate	NL0012519037	INFIN31.99TS OPENH	EUR	15,4600	16,2100	15,4600			16,2100					
Certificate	NL0012524995	INFIN32.04TS OPENH	EUR	15,5200	16,2700	15,5200			16,2700					
Certificate	NL0012546469	INFIN33.69TS OPENH	EUR	17,2900	18,0400	17,2900			18,0400					
Certificate	NL0012540595	INFIN35.08TS OPENH	EUR	18,7800	19,5300	18,7800			19,5300					
Certificate	NL0012561021	INFIN36.55TS OPENH	EUR	20,3600	21,1100	20,3600			21,1100					
Certificate	NL0012538110	INFIN37.99TS OPENH	EUR	21,9100	22,6600	21,9100			22,6600					
Certificate	DE000CV8AT14	INFOS 7.38TL OPENZ	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	DE000CJ3NKR6	INFOS 8.43TL OPENZ	EUR	0,1250	0,1250	0,1250			0,1250					
Certificate	DE000CV8AT30	INFOS 9.47TL OPENZ	EUR											
Certificate	DE000CE6BQM7	ING LEVOPENZ	EUR	14,7700	14,7700	13,8250	265,8600	1	13,8250		18			
Certificate	DE000CE6BQC8	ING SHROPENZ	EUR	38,3000	38,3000	38,3000			38,3000					
Certificate	XS1365096327	ING STN0219B	EUR	108,8000	108,8000	108,7000			108,7000					
Certificate	XS1758704230	ING STN0221B	EUR	66,9500	66,9500	65,2500	2640,0000	2	65,2500	4000				
Certificate	XS1649307003	ING STN0720B	EUR											
Certificate	XS1536788042	ING STN1219B	EUR	86,3500	86,3500	83,7000			83,7000					
Certificate	DE000CX0KWW5	ING 9TL OPENC	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	LU1451815937	ING TCI 0133S	EUR	0,8800	0,8800	0,6100	5190,0000	2	0,6100	6000				
Certificate	DE000VA7PSY7	ING 10TL 0319V	EUR	0,6490	0,6490	0,6490			0,6490					
Certificate	DE000VAGEAG8	ING 10TL 1218V	EUR	0,7060	0,7060	0,6380	141,2000	1	0,6380	200				
Certificate	DE000CV8BEQ9	ING 10TL 1218Z	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	DE000CX0IQS9	ING 10TL OPENC	EUR											
Certificate	DE000CX59PR1	ING 10TL OPENC	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	DE000CX0KYW1	ING 10TL OPENC	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	DE000CX59G60	ING 11TL OPENC	EUR	0,6500	0,6500	0,5400	689,0000	3	0,5400	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	DE000CX59PS9	ING 11TL OPENC	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000VA71T22	ING 11TS 0319V	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	DE000VA71T30	ING 11TS 1218V	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	DE000VA7PSV3	ING 12TS 0319V	EUR	1,5050	1,5050	1,5050			1,5050					
Certificate	DE000VASRRU7	ING 12TS 1218V	EUR	1,4960	1,4960	1,4960			1,4960					
Certificate	DE000CP062G7	ING 12TS OPENC	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	DE000CP060H9	ING 12TS OPENC	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	NL0012795579	ING 13BOC0619Z	EUR	10,8200	10,8200	10,8200			10,8200					
Certificate	DE000CY16AQ3	ING 13TL OPENC	EUR											
Certificate	DE000VA5ELT0	ING 13TS 1218V	EUR	2,4970	2,4970	2,4970			2,4970					
Certificate	DE000CP065G0	ING 13TS OPENC	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000CQ58E62	ING 13TS OPENC	EUR											
Certificate	DE000VA322P2	ING 14TS 1218V	EUR	3,4980	3,4980	3,4980			3,4980					
Certificate	DE000CQ5AZ35	ING 14TS OPENC	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	DE000CQ582P4	ING 14TS OPENC	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	DE000CQ5A7Q2	ING 15TS OPENC	EUR	4,2400	4,2400	4,2400			4,2400					
Certificate	NL0012648786	ING 16BON0619Z	EUR	10,6300	10,6300	10,6300			10,6300					
Certificate	DE000CY52QT8	ING 16TS OPENC	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	DE000CY52YE4	ING 16TS OPENC	EUR	5,4000	5,4000	5,4000			5,4000					
Certificate	NL0012579072	ING 17TS OPENH	EUR	7,5300	7,7400	7,5300			7,7400					
Certificate	NL0012648315	ING 18BOC0619Z	EUR	10,9950	10,9950	10,9950			10,9950					
Certificate	DE000CY16WW5	ING 18TS OPENC	EUR	6,1100	6,1100	6,1100			6,1100					
Certificate	DE000CY16FU4	ING 18TS OPENC	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	DE000CY16F05	ING 18TS OPENC	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	NL0009900224	ING 2.3TL OPENB	EUR	8,5250	8,5250	8,5250			8,5250					
Certificate	NL0010174165	ING 2.5TL OPENB	EUR	8,2950	8,2950	8,2950			8,2950					
Certificate	NL0010175436	ING 2.9TL OPENB	EUR	7,9550	7,9550	7,9550			7,9550					
Certificate	NL0010175758	ING 3.3TL OPENB	EUR	7,6250	7,6250	7,6250			7,6250					
Certificate	NL0010378568	ING 3.7TL OPENB	EUR	7,2450	7,2450	7,2450			7,2450					
Certificate	NL0010380408	ING 4.4TL OPENB	EUR	6,5950	6,5950	6,5950			6,5950					
Certificate	NL0010441309	ING 4.8TL OPENB	EUR	6,1750	6,1750	6,1750			6,1750					
Certificate	NL0010442323	ING 5.3TL OPENB	EUR	5,7250	5,7250	5,7250			5,7250					
Certificate	NL0010445599	ING 5.9TL OPENB	EUR	5,2050	5,2050	5,2050			5,2050					
Certificate	NL0011051487	ING 6.4TL OPENH	EUR	4,8900	4,8900	4,6600			4,6600					
Certificate	NL0010515508	ING 6.5TL OPENB	EUR	4,6550	4,6550	4,6550			4,6550					
Certificate	NL0010153235	ING 6.6TL OPENA	EUR											
Certificate	NL0010887501	ING 6.6TL OPENB	EUR	4,7250	4,7250	4,5050			4,5050					
Certificate	NL0011051479	ING 6.8TL OPENH	EUR	4,5200	4,5200	4,3000			4,3000					
Certificate	NL0011039474	ING 6.9TL OPENH	EUR	4,4200	4,4200	4,2000			4,2000					
Certificate	DE000CV88EP1	ING 8.5TL 1218Z	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	DE000CX00369	ING 8.5TL OPENC	EUR	4,0200	4,0200	4,0200			4,0200					
Certificate	DE000VA7TDW5	ING 9.5TL 0319V	EUR	1,1320	1,1320	1,1320			1,1320					
Certificate	DE000CV8APH6	ING 9.5TL 1218Z	EUR	1,2700	1,2700	1,1500	1225,0000	2	1,1500	1000				
Certificate	DE000CP065R7	ING 9.5TL OPENC	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	DE000CP065B1	ING 9.5TL OPENC	EUR	1,4000	1,4200	1,1300	46569,2500	14	1,1300	35275				
Certificate	DE000CX0KYV3	ING 9.5TL OPENC	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000VA6D3A5	ING 10.1TL OPENV	EUR	0,4990	0,4990	0,4990			0,4990					
Certificate	DE000VA6D3C1	ING 10.3TL OPENV	EUR	0,5440	0,5900	0,3160	1673,4800	13	0,3160	3443				
Certificate	DE000VA7PSZ4	ING 10.5TL 0319V	EUR	0,1530	0,1530	0,1530			0,1530					
Certificate	DE000VASRF59	ING 10.5TL 1218V	EUR	0,1480	0,1480	0,1480			0,1480					
Certificate	DE000CV8AU52	ING 10.5TL 1218Z	EUR	0,3000	0,3000	0,1500	1716,0000	4	0,1800	6400				
Certificate	DE000CQ58KS5	ING 10.5TL OPENC	EUR	0,4300	0,4600	0,3200	226,3000	3	0,3200	540				
Certificate	DE000CP065U1	ING 10.5TL OPENC	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	DE000CP065D7	ING 10.5TL OPENC	EUR	0,4300	0,4300	0,1200	4471,5800	15	0,1200	16682				
Certificate	DE000VASRMN3	ING 10.5TL OPENV	EUR	0,1030	0,1030	0,1030			0,1030					
Certificate	DE000VA641M0	ING 11.5TS 0319V	EUR	1,0030	1,0030	1,0030			1,0030					
Certificate	DE000VA7PS13	ING 11.5TS 1218V	EUR	0,9950	0,9950	0,9950			0,9950					
Certificate	DE000CP06PK3	ING 11.5TS OPENC	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000CP06NW3	ING 11.5TS OPENC	EUR	0,9100	0,9800	0,9000	154,7000	1	0,9800	170				
Certificate	NL0012907117	ING 11.5TS OPENH	EUR	1,5900	1,8000	1,5900			1,8000					
Certificate	NL0013003247	ING 12.1BOC0919B	EUR	11,0000	11,0000	10,8500			10,8500					
Certificate	NL0012796379	ING 12.1BOC1219Z	EUR	10,6400	10,6400	10,6400			10,6400					
Certificate	NL0012796361	ING 12.2BOC0919Z	EUR	10,6700	10,6700	10,6700			10,6700					
Certificate	LU1816972027	ING 12.3TPIOPENS	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000VA7PSW1	ING 12.5TS 0319V	EUR	2,0070	2,0070	2,0070			2,0070					
Certificate	DE000VASRDL6	ING 12.5TS 1218V	EUR	1,9960	1,9960	1,9960			1,9960					
Certificate	DE000CP065Z0	ING 12.5TS OPENC	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000CQ58KT3	ING 12.5TS OPENC	EUR											
Certificate	DE000CQ58BT73	ING 12.5TS OPENC	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	DE000VA3THR5	ING 12.5TS OPENV	EUR											
Certificate	NL0012796619	ING 12.6BOC1219Z	EUR	10,6300	10,6300	10,6300			10,6300					
Certificate	NL0012988752	ING 12.7TS OPENB	EUR	2,8950	3,1150	2,8950			3,1150					



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	LU179055038	ING 13.3TPIOPENS	EUR	2,5600	2,5600	2,5600			2,5600					
Certificate	DE000VA3ZYX5	ING 13.5TS 1218V	EUR	2,9970	2,9970	2,9970			2,9970					
Certificate	DE000CV8AVR3	ING 13.5TS 1218Z	EUR	2,9600	2,9600	2,9600			2,9600					
Certificate	DE000CP06610	ING 13.5TS OPENC	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	DE000C0582N9	ING 13.5TS OPENC	EUR	3,1800	3,1800	3,1800			3,1800					
Certificate	DE000C0580B8	ING 13.5TS OPENC	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	NL0012976633	ING 13.68OC06198	EUR	11,3800	11,3800	11,0700			11,0700					
Certificate	NL0012795587	ING 13.68OC0919Z	EUR	10,6300	10,6300	10,6300			10,6300					
Certificate	DE000CV89713	ING 13.6TS OPENZ	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	DE000C05AWQ6	ING 14.5TS OPENC	EUR	3,6300	3,6300	3,6300			3,6300					
Certificate	DE000C05APM9	ING 14.5TS OPENC	EUR											
Certificate	DE000CV8ABD5	ING 15.5TS 1218Z	EUR	4,9600	4,9600	4,9600			4,9600					
Certificate	DE000CV527Q7	ING 15.5TS OPENC	EUR											
Certificate	DE000CV52B11	ING 15.5TS OPENC	EUR											
Certificate	DE000CV52YF1	ING 15.5TS OPENC	EUR	4,8900	4,8900	4,8900			4,8900					
Certificate	DE000CV52VM3	ING 15.5TS OPENC	EUR	4,1300	4,1300	4,1300			4,1300					
Certificate	NL0012236194	ING 16.58ON1218Z	EUR	10,6900	10,7200	10,5700	183082,5100	5	10,5700	17126				
Certificate	DE000CV52YD6	ING 16.5TS OPENC	EUR	5,9200	5,9200	5,9200			5,9200					
Certificate	DE000CV52QV4	ING 16.5TS OPENC	EUR	5,1100	5,1100	5,1100			5,1100					
Certificate	NL0012579080	ING 16.5TS OPENH	EUR	7,0000	7,2100	7,0000			7,2100					
Certificate	NL0012649024	ING 16.68OC1218Z	EUR	10,5700	10,5700	10,5700			10,5700					
Certificate	NL0012649032	ING 16.98OC0619Z	EUR	10,5250	10,5250	10,5250			10,5250					
Certificate	NL0012494595	ING 17.58OC1218B	EUR	10,8200	10,8200	10,6000			10,6000					
Certificate	DE000CV51AH9	ING 17.5TS OPENC	EUR	5,9700	5,9700	5,9700			5,9700					
Certificate	NL0012676266	ING 17.98OC1218B	EUR	10,8300	10,8300	10,6100			10,6100					
Certificate	NL0011051529	ING 2.04TL OPENH	EUR	8,9500	8,9500	8,7300			8,7300					
Certificate	NL0011039508	ING 3.33TL OPENH	EUR	7,7500	7,7500	7,5300			7,5300					
Certificate	NL0011040241	ING 4.12TL OPENH	EUR	7,0100	7,0100	6,7900			6,7900					
Certificate	NL0011636469	ING 5.71BL OPENB	EUR	5,2850	5,2850	5,0650			5,0650					
Certificate	NL0011040233	ING 5.71TL OPENH	EUR	5,5300	5,5300	5,3100			5,3100					
Certificate	NL0011230487	ING 6.02TL OPENH	EUR	5,2400	5,2400	5,0300			5,0300					
Certificate	NL0011040225	ING 6.51TL OPENH	EUR	4,7900	4,7900	4,5700	930,0000	1	4,5700	200				
Certificate	NL0011906516	ING 7.65TL OPENB	EUR	3,7250	3,7250	3,5050	11000,0000	2	3,5050	3000				
Certificate	NL0011914221	ING 8.16TL OPENB	EUR	3,2450	3,2450	3,0250	5130,0000	2	3,0250	1600				
Certificate	DE000CD624J2	ING 8.16TL OPENZ	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	LU1840913054	ING 8.66TCIOPENS	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	NL0012579205	ING 8.67TL OPENH	EUR	2,7700	2,7700	2,5600	655,0000	1	2,5600	250				
Certificate	NL0011914874	ING 8.68TL OPENB	EUR	2,7650	2,7650	2,5450			2,5450					
Certificate	NL0011914635	ING 8.95TL OPENB	EUR	2,5150	2,5700	2,2950	143812,5000	11	2,2950	60250				
Certificate	DE000CD62KB2	ING 9.18TL OPENZ	EUR	1,9300	1,9500	1,7000	9451,5000	10	1,7000	5380				
Certificate	NL0012020358	ING 9.44TL OPENB	EUR	2,0450	2,0450	1,8200	73570,0000	3	1,8250	38500				
Certificate	LU1840913138	ING 9.74TCIOPENS	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	DE000CP065C9	ING 9.75TL OPENC	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	DE000CP065S5	ING 9.75TL OPENC	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	NL0012023980	ING 9.96TL OPENB	EUR	1,5650	1,5950	1,3450	33154,9000	10	1,3450	22570				
Certificate	NL0012579197	ING 10.19TL OPENH	EUR	1,3600	1,3600	1,1500			1,1500					
Certificate	DE000CD638K0	ING 10.21TL OPENZ	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	NL0012021844	ING 10.22BL OPENB	EUR	0,7650	0,8050	0,5450	1478,2000	4	0,5450	2240				
Certificate	DE000CP065T3	ING 10.25TL OPENC	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	LU1784828748	ING 10.28TL OPENS	EUR											
Certificate	DE000CD638D5	ING 10.36TL OPENZ	EUR	0,5000	0,5000	0,2800	1557,4200	12	0,2800	3730				
Certificate	NL0012027692	ING 10.48TL OPENB	EUR	1,0950	1,0950	0,8750	64194,0000	8	0,8750	68060				
Certificate	LU1817129452	ING 10.64TCIOPENS	EUR	0,3200	0,3200	0,3200	80,0000	1	0,3200	250				
Certificate	DE000VAGEAN4	ING 10.71TL OPENV	EUR											
Certificate	NL0012996581	ING 10.72BL OPENB	EUR											
Certificate	DE000C3N3X9	ING 10.85TL OPENZ	EUR											
Certificate	DE000VA71VE0	ING 10.98TS OPENV	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	LU1841029355	ING 11.05TCIOPENS	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	DE000VA77BC1	ING 11.19TS OPENV	EUR	0,6470	0,6470	0,6470			0,6470					
Certificate	NL0013005937	ING 11.21TS OPENB	EUR	1,2850	1,5050	1,2850			1,5050					
Certificate	DE000CP06U09	ING 11.25TS OPENC	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	NL0013006273	ING 11.32BS OPENB	EUR	0,6450	0,8650	0,6450			0,8650					
Certificate	DE000VA7PWS1	ING 11.39TS OPENV	EUR	0,8420	0,8420	0,8420			0,8420					
Certificate	DE000VN6ZCB5	ING 11.53TL OPENV	EUR											
Certificate	LU1840979402	ING 11.55TCIOPENS	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	DE000VA7PPB1	ING 11.59TS OPENV	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	NL0013001951	ING 11.71TS OPENB	EUR	1,8250	2,0450	1,8250			2,0450					
Certificate	DE000CP065E5	ING 11.75TS OPENC	EUR											
Certificate	DE000CP06MF0	ING 11.75TS OPENC	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	DE000CP065X5	ING 11.75TS OPENC	EUR											
Certificate	DE000VAG64X5	ING 11.81TS OPENV	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	NL0012994883	ING 11.82BS OPENB	EUR	1,1450	1,3650	1,1450	1264,0000	3	1,3650	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	DE000VA6D294	ING 12.01TS OPENV	EUR	1,4390	1,4390	1,4390			1,4390					
Certificate	DE000CV8BC12	ING 12.08TS OPENZ	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	NL0012889091	ING 12.12TS OPENH	EUR	2,2600	2,4800	2,2600			2,4800					
Certificate	NL0012989149	ING 12.21TS OPENB	EUR	2,3650	2,5850	2,3650			2,5850					
Certificate	DE000VASRDK8	ING 12.22TS OPENV	EUR	1,6360	1,6360	1,6360			1,6360					
Certificate	DE000CP065Y3	ING 12.25TS OPENC	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	DE000CP060J5	ING 12.25TS OPENC	EUR	1,4000	1,7100	1,3800	281,0000	2	1,7100	200				
Certificate	NL0012988943	ING 12.32BS OPENB	EUR	1,6450	1,8650	1,6450			1,8650					
Certificate	NL0013003304	ING 12.35B0C0719B	EUR	10,9400	10,9400	10,7300	108,9000	1	10,7300	10				
Certificate	DE000VASRML7	ING 12.42TS OPENV	EUR	1,8360	1,8360	1,8360			1,8360					
Certificate	DE000CV8BED7	ING 12.56TS OPENZ	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	NL0012938328	ING 12.61TS OPENH	EUR	2,8000	3,0100	2,8000			3,0100					
Certificate	NL0012796148	ING 12.65B0N0919Z	EUR	10,7600	10,7600	10,7600			10,7600					
Certificate	NL0012796155	ING 12.65B0N1219Z	EUR	10,6000	10,6000	10,6000			10,6000					
Certificate	DE000VASRCP9	ING 12.72TS OPENV	EUR	2,1330	2,1330	2,1330			2,1330					
Certificate	DE000CP065F2	ING 12.75TS OPENC	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	DE000CP06602	ING 12.75TS OPENC	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	NL0012988539	ING 12.81BS OPENB	EUR	2,1450	2,3650	2,1450			2,3650					
Certificate	DE000VASRML7	ING 13.02TS OPENV	EUR	2,4340	2,4340	2,4340			2,4340					
Certificate	DE000CV898L6	ING 13.08TS OPENZ	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	NL0012789564	ING 13.31BS OPENB	EUR	2,6350	2,8550	2,6350			2,8550					
Certificate	NL0012935449	ING 13.32TS OPENH	EUR	3,5600	3,7800	3,5600			3,7800					
Certificate	DE000VASRMM5	ING 13.42TS OPENV	EUR	2,8330	2,8330	2,8330			2,8330					
Certificate	NL0012789234	ING 13.45TS OPENB	EUR	3,7150	3,9350	3,7150			3,9350					
Certificate	DE000VA15SW5	ING 13.53TS OPENV	EUR	2,6280	2,6280	2,6280			2,6280					
Certificate	LU1757001372	ING 13.62TPIOPENS	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	DE000CQ5A2Z7	ING 13.75TS OPENC	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	NL0012586630	ING 13.87TS OPENH	EUR	4,1500	4,3700	4,1500			4,3700					
Certificate	LU1756863715	ING 13.89TPIOPENS	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	DE000VA15K61	ING 14.04TS OPENV	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	DE000CV881Y5	ING 14.07TS OPENZ	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	NL0012793046	ING 14.13B0C1218B	EUR	10,8200	10,8200	10,6000			10,6000					
Certificate	LU1784829399	ING 14.14TS OPENS	EUR											
Certificate	NL0012687313	ING 14.28BS OPENB	EUR	3,6050	3,8250	3,6050			3,8250					
Certificate	NL0012579122	ING 14.53TS OPENH	EUR	4,8700	5,0800	4,8700			5,0800					
Certificate	DE000CQ5A5H5	ING 14.75TS OPENC	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	NL0013000482	ING 14.78BS OPENB	EUR	4,1050	4,3250	4,1050			4,3250					
Certificate	NL0012579114	ING 15.03TS OPENH	EUR	5,4000	5,6200	5,4000			5,6200					
Certificate	DE000VL76NS3	ING 15.03TS OPENV	EUR	3,6130	3,6130	3,6130			3,6130					
Certificate	DE000CV505P8	ING 15.07TS OPENZ	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	DE000CQ5A0Z8	ING 15.25TS OPENC	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	NL0013000490	ING 15.28BS OPENB	EUR	4,6050	4,8250	4,6050			4,8250					
Certificate	LU1784829126	ING 15.42TS OPENS	EUR											
Certificate	NL0012579106	ING 15.52TS OPENH	EUR	5,9300	6,1500	5,9300			6,1500					
Certificate	DE000CV50657	ING 15.54TS OPENZ	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	DE000VL76J26	ING 15.55TS OPENV	EUR	4,1040	4,1040	4,1040			4,1040					
Certificate	DE000CV527R5	ING 15.75TS OPENC	EUR											
Certificate	DE000CV52BK9	ING 15.75TS OPENC	EUR											
Certificate	DE000CV52VN1	ING 15.75TS OPENC	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	NL0012579098	ING 16.01TS OPENH	EUR	6,4700	6,6800	6,4700			6,6800					
Certificate	NL0011051388	ING 16.01TS OPENH	EUR	6,4600	6,6700	6,4600			6,6700					
Certificate	DE000CV52QU6	ING 16.25TS OPENC	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	DE000CE6CSD0	ING 16.56TS OPENZ	EUR											
Certificate	NL0012264246	ING 16.74TS OPENB	EUR	7,2550	7,4750	7,2550			7,4750					
Certificate	DE000CE6E580	ING 16.99TS OPENZ	EUR											
Certificate	NL0012579064	ING 17.49TS OPENH	EUR	8,0600	8,2700	8,0600			8,2700					
Certificate	DE000VL37FH4	ING 17.68TS OPENV	EUR	7,0150	7,0150	7,0150			7,0150					
Certificate	NL0012579056	ING 17.98TS OPENH	EUR	8,5900	8,8100	8,5900			8,8100					
Certificate	NL0011051370	ING 18.01TS OPENH	EUR	8,6200	8,8300	8,6200			8,8300					
Certificate	DE000CV4ZH05	ING 18.05TS OPENZ	EUR											
Certificate	NL0012601819	ING 19.96TS OPENH	EUR	10,7300	10,9400	10,7300			10,9400					
Certificate	NL0012580971	ING 20.25TS OPENH	EUR	11,0400	11,2600	11,0400			11,2600					
Certificate	NL0012595151	ING 20.29TS OPENH	EUR	11,0900	11,3000	11,0900			11,3000					
Certificate	NL0012580963	ING 21.73TS OPENH	EUR	12,6400	12,8500	12,6400			12,8500					
Certificate	DE000CG29M52	ING 4.477TL OPENC	EUR											
Certificate	NL0013011356	ING 6.817BL OPENB	EUR	4,1850	4,1850	3,9650			3,9650					
Certificate	NL0011904982	ING 7.317BL OPENB	EUR	3,6850	3,6850	3,4650			3,4650					
Certificate	DE000CV89P65	ING 7.358TL OPENZ	EUR	3,2600	3,2600	3,2600			3,2600					
Certificate	DE000CF3A6C9	ING 7.419TL OPENC	EUR											
Certificate	DE000CF3A6U1	ING 7.675TL OPENC	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	NL0012996078	ING 8.157BL OPENB	EUR	2,8450	2,8450	2,6250	2700,0000	1	2,6250	1000				
Certificate	DE000CV883Q7	ING 8.364TL OPENZ	EUR	2,2600	2,2600	2,2600			2,2600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012993711	ING 8.6598L OPENB	EUR	2,3350	2,3350	2,1150			2,1150					
Certificate	DE000VA71VH3	ING 8.923TL OPENV	EUR	1,6810	1,6810	1,6810			1,6810					
Certificate	NL0011914775	ING 9.1618L OPENB	EUR	1,8250	1,8250	1,6050	6990,0000	4	1,6050	4000				
Certificate	DE000VAGEAP9	ING 9.306TL OPENV	EUR	1,2830	1,2830	1,2830			1,2830					
Certificate	DE000CD62H01	ING 9.366TL OPENZ	EUR	1,3200	1,3200	1,2600	3065,0000	2	1,2600	2350				
Certificate	DE000VAGEAR5	ING 9.506TL OPENV	EUR	1,0830	1,0830	1,0830			1,0830					
Certificate	NL0012020606	ING 9.6888L OPENB	EUR	1,3150	1,3650	1,0850	33047,0000	16	1,0950	27400				
Certificate	DE000VAGD4Y3	ING 9.704TL OPENV	EUR	1,0540	1,0700	0,8770	41,1000	4	0,8770	40				
Certificate	DE000CD62JC2	ING 9.866TL OPENZ	EUR	0,8900	0,8900	0,7700	9120,0000	3	0,7700	10250				
Certificate	DE000VAGD344	ING 9.903TL OPENV	EUR	0,6820	0,6820	0,6820			0,6820					
Certificate	NL0009557792	INTEL 13TL OPENB	EUR	29,0800	29,0800	29,0800			29,0800					
Certificate	NL0009626548	INTEL 14.8TL OPENB	EUR	27,6100	27,6100	27,6100			27,6100					
Certificate	NL0010379327	INTEL 19.1TL OPENB	EUR	24,2000	24,2000	24,2000			24,2000					
Certificate	NL0010610119	INTEL 21.7TL OPENB	EUR	22,1700	22,1700	22,1700			22,1700					
Certificate	NL0011902838	INTEL32.468L OPENB	EUR	11,2200	11,2200	11,2200			11,2200					
Certificate	DE000CE6E978	INTER 11.7TL OPENZ	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CJ3N625	INTER 9.12TL OPENZ	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	DE000CE6E2E0	INTER10.12TL OPENZ	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	DE000CE6B786	INTER11.19TL OPENZ	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	NL0013009699	INTER12.01TL OPENB	EUR	0,7200	0,7200	0,7000			0,7000					
Certificate	DE000CD64DV1	INTER12.25TL OPENZ	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	NL0012999312	INTER13.02TL OPENB	EUR	0,5400	0,5400	0,5200			0,5200					
Certificate	DE000CE6FQG0	INTER13.31TL OPENZ	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	NL0012999320	INTER14.02TL OPENB	EUR	0,3600	0,3600	0,3300			0,3300					
Certificate	DE000CV50665	INTER14.89TL OPENZ	EUR											
Certificate	NL0013011877	INTER14.96TS OPENB	EUR	0,4200	0,4400	0,4200			0,4400					
Certificate	NL0012999346	INTER16.96TS OPENB	EUR	0,8700	0,8900	0,8700			0,8900					
Certificate	DE000CV88JB1	INTER17.06TS OPENZ	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000CD64DW9	INTER18.93TS OPENZ	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	NL0012999353	INTER18.97TS OPENB	EUR	1,3100	1,3300	1,3100			1,3300					
Certificate	NL0012555916	INVEB 435.5TS OPENH	EUR	9,8600	9,8600	9,2700			9,2700					
Certificate	NL0011410162	INVEB223.5TL OPENH	EUR	17,2900	17,7800	17,2900			17,7800					
Certificate	NL0011714290	INVEB242.5TL OPENH	EUR	15,6100	16,1100	15,6100			16,1100					
Certificate	NL0011892203	INVEB254.3TL OPENH	EUR	14,5700	15,0900	14,5700			15,0900					
Certificate	NL0011926878	INVEB264.8TL OPENH	EUR	13,6500	14,1600	13,6500			14,1600					
Certificate	NL0011929906	INVEB273.4TL OPENH	EUR	12,8900	13,4100	12,8900			13,4100					
Certificate	NL0011935598	INVEB283.7TL OPENH	EUR	11,9800	12,5000	11,9800			12,5000					
Certificate	NL0012048557	INVEB290.8TL OPENH	EUR	11,3600	11,8800	11,3600			11,8800					
Certificate	NL0012681829	INVEB291.48L OPENB	EUR	9,1300	9,1300	9,1300			9,1300					
Certificate	NL0011993969	INVEB295.5TL OPENH	EUR	10,9400	11,4600	10,9400			11,4600					
Certificate	NL0012049852	INVEB306.2TL OPENH	EUR	10,0000	10,5300	10,0000			10,5300					
Certificate	NL0012051379	INVEB316.4TL OPENH	EUR	9,1000	9,6300	9,1000			9,6300					
Certificate	NL0012699862	INVEB321.98L OPENB	EUR	6,1700	6,1700	6,1700			6,1700					
Certificate	NL0012053862	INVEB326.4TL OPENH	EUR	8,2200	8,7600	8,2200			8,7600					
Certificate	NL0012057582	INVEB335.8TL OPENH	EUR	7,3800	7,9200	7,3800			7,9200					
Certificate	NL0012565329	INVEB341.4TL OPENH	EUR	6,8900	7,4300	6,8900			7,4300					
Certificate	NL0012579213	INVEB351.4TL OPENH	EUR	6,0100	6,5600	6,0100			6,5600					
Certificate	NL0012689947	INVEB352.48L OPENB	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	NL0012929624	INVEB360.7TL OPENH	EUR	5,1900	5,7400	5,1900			5,7400					
Certificate	NL0012930812	INVEB366.6TL OPENH	EUR	4,6700	5,2200	4,6700			5,2200					
Certificate	NL0012930804	INVEB371.6TL OPENH	EUR	4,2300	4,7800	4,2300			4,7800					
Certificate	NL0012936256	INVEB381.5TL OPENH	EUR											
Certificate	NL0012987994	INVEB382.48L OPENB	EUR											
Certificate	NL0012936249	INVEB386.5TL OPENH	EUR											
Certificate	NL0013083132	INVEB391.4TS OPENH	EUR	5,2100	5,2100	4,6300			4,6300					
Certificate	NL0013081698	INVEB404.5TS OPENH	EUR	6,6000	6,6000	6,0200			6,0200					
Certificate	NL0012848071	INVEB422.5TS OPENH	EUR	8,5100	8,5100	7,9200			7,9200					
Certificate	NL0012057566	INVEB424.1TS OPENH	EUR	8,6800	8,6800	8,0900			8,0900					
Certificate	NL0012849400	INVEB424.5TS OPENH	EUR	8,7300	8,7300	8,1400			8,1400					
Certificate	NL0012700066	INVEB426.88S OPENB	EUR	4,8100	4,8100	4,8100			4,8100					
Certificate	NL0012202964	INVEB441.4TS OPENH	EUR	10,5500	10,5500	9,9500			9,9500					
Certificate	NL0012549513	INVEB463.1TS OPENH	EUR	12,8700	12,8700	12,2700			12,2700					
Certificate	NL0012210660	INVEB465.8TS OPENH	EUR	13,1700	13,1700	12,5700			12,5700					
Certificate	NL0012988067	INVEB466.68S OPENB	EUR	8,6600	8,6600	8,6600			8,6600					
Certificate	NL0012609689	INVEB487.5TS OPENH	EUR	15,5000	15,5000	14,8800			14,8800					
Certificate	NL0011813787	INXN 29.2TL OPENB	EUR	30,1550	30,1550	30,1550			30,1550					
Certificate	DE000CE6CB77	ISPMI 1.77TL OPENZ	EUR	0,2050	0,2050	0,2050			0,2050					
Certificate	DE000CJ3NX70	ISPMI1.372TL OPENZ	EUR	0,5950	0,5950	0,5950			0,5950					
Certificate	DE000CJ3N096	ISPMI1.571TL OPENZ	EUR	0,4050	0,4050	0,4050			0,4050					
Certificate	DE000CJ3NX88	ISPMI1.972TL OPENZ	EUR											
Certificate	NL0013079197	JDCOM 21TL OPENH	EUR	3,3300	3,3300	3,1800			3,1800					
Certificate	NL0012907679	JDCOM 22TL OPENH	EUR	2,5000	2,5000	2,3400	18525,0000	1	2,3400	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	NL0013080062	JDCOM 23TL OPENH	EUR											
Certificate	NL0012907893	JDCOM 25TS OPENH	EUR	2,5900	2,7400	2,5900			2,7400					
Certificate	NL0012907604	JDCOM 27TS OPENH	EUR	4,4400	4,5900	4,4400			4,5900					
Certificate	NL0012907588	JDCOM 30TS OPENH	EUR	7,2200	7,3700	7,2200			7,3700					
Certificate	DE000CJ3N1Q7	JDCOM 16.8TL OPENZ	EUR	0,6550	0,6550	0,6550			0,6550					
Certificate	DE000CJ3NVB7	JDCOM 18.8TL OPENZ	EUR	0,5000	0,5000	0,4950	50000,0000	1	0,4950	100000				
Certificate	NL0013081722	JDCOM 21.6TL OPENZ	EUR	2,8500	2,8500	2,6900			2,6900					
Certificate	NL0013082621	JDCOM 22.6TL OPENZ	EUR	2,0400	2,0400	1,8800			1,8800					
Certificate	NL0012907927	JDCOM 22.6TL OPENZ	EUR											
Certificate	NL0013083157	JDCOM 23.2TL OPENZ	EUR	1,5500	1,5500	1,3900			1,3900					
Certificate	NL0013081714	JDCOM 23.2TS OPENH	EUR											
Certificate	NL0013083140	JDCOM 23.6TL OPENZ	EUR											
Certificate	NL0013081706	JDCOM 23.8TS OPENH	EUR											
Certificate	NL0013079189	JDCOM 24.4TS OPENH	EUR											
Certificate	NL0012907885	JDCOM 25.4TS OPENZ	EUR	2,9600	3,1100	2,9600			3,1100					
Certificate	NL0012907638	JDCOM 25.8TS OPENZ	EUR	3,3300	3,4800	3,3300			3,4800					
Certificate	NL0012907620	JDCOM 26.2TS OPENZ	EUR	3,7000	3,8500	3,7000			3,8500					
Certificate	NL0012907612	JDCOM 26.4TS OPENZ	EUR	3,8800	4,0300	3,8800			4,0300					
Certificate	NL0012907596	JDCOM 27.6TS OPENZ	EUR	5,0000	5,1400	5,0000			5,1400					
Certificate	NL0013005077	JDCOM19.63BL OPENB	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	NL0012998892	JDCOM21.14BL OPENB	EUR	3,0000	3,0100	2,8300	1602,3400	3	2,8300	534				
Certificate	DE000CV889K7	JDCOM21.37TL OPENZ	EUR	0,2750	0,2750	0,2750			0,2750					
Certificate	NL0013010564	JDCOM22.63BL OPENB	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	DE000CJ3PDK1	JDCOM23.37TL OPENZ	EUR											
Certificate	NL0013006281	JDCOM24.57BS OPENB	EUR											
Certificate	NL0012993877	JDCOM26.29BL OPENB	EUR											
Certificate	DE000CV8A583	JDCOM26.54TL OPENZ	EUR											
Certificate	NL0013002215	JDCOM27.07BS OPENB	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	NL0012995609	JDCOM29.58BS OPENB	EUR	6,1300	6,1300	6,1300			6,1300					
Certificate	NL0012989735	JDCOM34.59BS OPENB	EUR	10,4900	10,4900	10,4900			10,4900					
Certificate	NL0012771950	JDCOM47.08BS OPENB	EUR	21,3700	21,3700	21,3700			21,3700					
Certificate	DE000CR9PZL9	JOHNS81.37TL OPENZ	EUR	4,9900	4,9900	4,9900			4,9900					
Certificate	DE000CR6XPQ9	JOHNS82.67TL OPENZ	EUR	5,0900	5,0900	5,0900			5,0900					
Certificate	JE00B297KF09	JPMINTDE 200625	EUR	134,2200	134,2200	134,2200			134,2200					
Certificate	NL0012024756	K S 17TL OPENB	EUR	2,3800	2,3800	2,0000			2,0000					
Certificate	NL0011647912	K S 12.6TL OPENB	EUR	6,4400	6,4400	6,0600			6,0600					
Certificate	NL0011534367	K S 15.3TL OPENB	EUR	3,9400	3,9400	3,5600			3,5600					
Certificate	NL0012990212	K S 20.3TS OPENB	EUR	4,9200	5,2600	4,9200			5,2600					
Certificate	NL0012793525	K S 24.4TS OPENB	EUR	9,4800	9,8200	9,4800			9,8200					
Certificate	DE000CJ3PAE0	K S 10.64TL OPENZ	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	DE000CN6JP34	K S 14.15TL OPENZ	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	DE000CN6HT40	K S 15.65TL OPENZ	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	DE000CD639M4	K S 17.13TL OPENZ	EUR	0,3900	0,3900	0,3900			0,3900					
Certificate	DE000CE6BQV8	KBC LEVOPENZ	EUR	60,2000	60,2000	60,2000			60,2000					
Certificate	DE000CE6BQL9	KBC SHROPEZ	EUR	7,6400	7,6400	7,6400			7,6400					
Certificate	NL0010280178	KBC 16TL OPENB	EUR	49,9500	49,9500	49,6400			49,6400					
Certificate	DE000CX59GG3	KBC 45TL OPENC	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	NL0011990924	KBC 49TL OPENH	EUR	2,2200	2,2200	2,1900			2,1900					
Certificate	DE000CX59A74	KBC 50TL OPENC	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	DE000CX59GH1	KBC 50TL OPENC	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0012196422	KBC 53TL OPENH	EUR	1,8700	1,8700	1,8400			1,8400					
Certificate	DE000CX59Q27	KBC 55TL OPENC	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	DE000CX59K50	KBC 55TL OPENC	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000CP62K9	KBC 55TL OPENC	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	DE000CP60N7	KBC 55TL OPENC	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	DE000CY16WY1	KBC 60TL OPENC	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CY50305	KBC 60TL OPENC	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	NL0012997027	KBC 61TL OPENB	EUR	8,0900	8,0900	7,7700			7,7700					
Certificate	DE000CQ5AWS2	KBC 65TL OPENC	EUR											
Certificate	DE000CP66WU8	KBC 68TS OPENC	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	NL0012796163	KBC 70BON1219Z	EUR	65,1900	65,1900	65,1900			65,1900					
Certificate	DE000CQ58FG0	KBC 70TS OPENC	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	DE000CQ58E96	KBC 70TS OPENC	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	DE000CQ5AD07	KBC 75TS OPENC	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	DE000CQ5AKE7	KBC 75TS OPENC	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	DE000CQ5AD15	KBC 80TS OPENC	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000CQ5A7V2	KBC 80TS OPENC	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	DE000CQ58V20	KBC 80TS OPENC	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	DE000CY52QZ5	KBC 85TS OPENC	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	DE000CY51GZ8	KBC 90TS OPENC	EUR	2,7300	2,7300	2,7300			2,7300					
Certificate	DE000CY16WZ8	KBC 90TS OPENC	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	DE000CQ5APQ0	KBC 90TS OPENC	EUR	2,4300	2,4300	2,4300			2,4300					



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	NL0010046579	KBC 3.9TL OPENB	EUR	61,2300	61,2300	60,9200			60,9200					
Certificate	DE000CKGUX27	KBC 13.8TL OPENZ	EUR	51,1350	51,1350	51,1350			51,1350					
Certificate	NL0010284618	KBC 19.3TL OPENB	EUR	46,9000	46,9000	46,5900			46,5900					
Certificate	NL0011042296	KBC 24.3TL OPENH	EUR	4,3800	4,3800	4,3400			4,3400					
Certificate	NL0010517561	KBC 27.9TL OPENB	EUR	38,9100	38,9100	38,6000			38,6000					
Certificate	DE000CZ79T69	KBC 28.6TL OPENZ	EUR	35,9250	35,9250	35,9250			35,9250					
Certificate	NL0011891346	KBC 31.3TL OPENH	EUR	3,7600	3,7600	3,7300			3,7300					
Certificate	NL0010903977	KBC 32.7TL OPENB	EUR	34,4400	34,4400	34,1200			34,1200					
Certificate	NL0010903985	KBC 35.4TL OPENB	EUR	31,9300	31,9300	31,6100			31,6100					
Certificate	NL0011928981	KBC 39.7TL OPENH	EUR	3,0400	3,0400	3,0000			3,0000					
Certificate	NL0011933957	KBC 40.2TL OPENH	EUR	2,9900	2,9900	2,9500			2,9500					
Certificate	NL0011934724	KBC 42.3TL OPENH	EUR	2,8100	2,8100	2,7700			2,7700					
Certificate	NL0011935606	KBC 42.8TL OPENH	EUR	2,7600	2,7600	2,7300			2,7300					
Certificate	DE000CV898W2	KBC 42.9TL OPENZ	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	NL0011970538	KBC 43.8TL OPENH	EUR	2,6700	2,6700	2,6400			2,6400					
Certificate	NL0011970520	KBC 44.9TL OPENH	EUR	2,5800	2,5800	2,5500			2,5500					
Certificate	NL0012021166	KBC 45.7TL OPENB	EUR	22,3300	22,3300	22,0100			22,0100					
Certificate	NL0011978952	KBC 45.9TL OPENH	EUR	2,4900	2,4900	2,4600			2,4600					
Certificate	NL0011978945	KBC 46.9TL OPENH	EUR	2,4000	2,4000	2,3700			2,3700					
Certificate	NL0011990361	KBC 47.9TL OPENH	EUR	2,3200	2,3200	2,2900			2,2900					
Certificate	NL0012894661	KBC 50.2TL OPENH	EUR	2,1200	2,1200	2,0900			2,0900					
Certificate	NL0011996996	KBC 51.1TL OPENH	EUR	2,0400	2,0400	2,0100			2,0100					
Certificate	NL0012115133	KBC 53.5TL OPENB	EUR	15,0900	15,0900	14,7700			14,7700					
Certificate	NL0012365381	KBC 54.2TL OPENH	EUR	1,7700	1,7700	1,7400			1,7400					
Certificate	NL0011994058	KBC 54.2TL OPENH	EUR											
Certificate	NL0012037030	KBC 54.5BL OPENB	EUR	10,9600	10,9600	10,6400			10,6400					
Certificate	NL0012199665	KBC 55.2TL OPENH	EUR	1,6900	1,6900	1,6500			1,6500					
Certificate	NL0012116750	KBC 56.1TL OPENB	EUR	12,7300	12,7300	12,4100			12,4100					
Certificate	NL0012214530	KBC 56.2TL OPENH	EUR	1,6000	1,6000	1,5700			1,5700					
Certificate	NL0011997317	KBC 56.2TL OPENH	EUR											
Certificate	NL0012116008	KBC 57.1BL OPENB	EUR	8,3600	8,3600	8,0400			8,0400					
Certificate	NL0012214522	KBC 57.2TL OPENH	EUR	1,5100	1,5100	1,4800			1,4800					
Certificate	NL0012214514	KBC 58.2TL OPENH	EUR	1,4200	1,4200	1,3900			1,3900					
Certificate	NL0012260095	KBC 58.6TL OPENB	EUR	10,3600	10,3600	10,0400			10,0400					
Certificate	NL0012214506	KBC 59.2TL OPENH	EUR	1,3300	1,3300	1,3000			1,3000					
Certificate	NL0012258933	KBC 59.7BL OPENB	EUR	5,7700	5,7700	5,4500			5,4500					
Certificate	NL0012214498	KBC 60.3TL OPENH	EUR	1,2500	1,2500	1,2100			1,2100					
Certificate	NL0012996847	KBC 62.2BL OPENB	EUR	3,2600	3,2600	2,9400			2,9400					
Certificate	NL0012899454	KBC 62.2TL OPENH	EUR	1,0800	1,0800	1,0400			1,0400					
Certificate	NL0013079205	KBC 65.2TL OPENH	EUR											
Certificate	NL0013011885	KBC 66.6TS OPENB	EUR	7,2100	7,5100	7,2100			7,5100					
Certificate	NL0012909626	KBC 69.3TS OPENH	EUR	1,6700	1,7000	1,6700			1,7000					
Certificate	NL0012793533	KBC 71.6TS OPENB	EUR	12,6500	12,9500	12,6500	1678,3000	1	12,9500	130				
Certificate	NL0012594980	KBC 72.9TS OPENH	EUR	2,1000	2,1300	2,1000			2,1300					
Certificate	NL0012847131	KBC 75.1TS OPENH	EUR	2,3500	2,3900	2,3500			2,3900					
Certificate	NL0012555940	KBC 76.4TS OPENH	EUR	2,5100	2,5400	2,5100			2,5400					
Certificate	NL0012555932	KBC 78.4TS OPENH	EUR	2,7400	2,7700	2,7400			2,7700					
Certificate	NL0011994009	KBC 81.1TS OPENH	EUR	3,0600	3,1000	3,0600			3,1000					
Certificate	NL0012676084	KBC 81.6TS OPENB	EUR	23,4400	23,7400	23,4400			23,7400					
Certificate	DE000CV4ZMK3	KBC 86.2TS OPENZ	EUR	2,2100	2,2100	2,2100			2,2100					
Certificate	NL0012313001	KBC 90.3TS OPENH	EUR	4,1400	4,1700	4,1400			4,1700					
Certificate	NL0012312995	KBC 96.1TS OPENH	EUR	4,8200	4,8600	4,8200			4,8600					
Certificate	NL0012312987	KBC 101.9TS OPENH	EUR	5,5100	5,5400	5,5100			5,5400					
Certificate	NL0012520449	KBC 108.7TS OPENH	EUR	6,3000	6,3400	6,3000			6,3400					
Certificate	NL0012557862	KBC 115.7TS OPENH	EUR	7,1300	7,1600	7,1300			7,1600					
Certificate	DE000CZ7DPG0	KBC 37.32TL OPENZ	EUR	27,2150	27,2150	27,2150			27,2150					
Certificate	NL0011909072	KBC 41.32BL OPENB	EUR	24,1400	24,1400	23,8200			23,8200					
Certificate	NL0011916838	KBC 43.97BL OPENB	EUR	21,4900	21,4900	21,1700			21,1700					
Certificate	DE000CD62ML7	KBC 44.45TL OPENZ	EUR	21,6850	21,6850	21,6850			21,6850					
Certificate	DE000CD62ME2	KBC 46.98TL OPENZ	EUR	17,5700	17,5700	17,5700			17,5700					
Certificate	NL0012024095	KBC 49.25BL OPENB	EUR	16,2100	16,2100	15,8900			15,8900					
Certificate	DE000CD63AN6	KBC 49.96TL OPENZ	EUR	14,5950	14,5950	14,5950			14,5950					
Certificate	NL0012029680	KBC 51.87BL OPENB	EUR	13,5900	13,5900	13,2700			13,2700					
Certificate	DE000CD63Y66	KBC 52.69TL OPENZ	EUR	13,7650	13,7650	13,7650			13,7650					
Certificate	DE000CD63PQ7	KBC 52.93TL OPENZ	EUR	11,6300	11,6300	11,6300			11,6300					
Certificate	DE000CE6BTQ2	KBC 55.91TL OPENZ	EUR	0,9200	0,9200	0,8700	276,0000	1	0,8700	300				
Certificate	DE000CE6CGD5	KBC 58.88TL OPENZ	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	DE000CE6CN73	KBC 60.96TL OPENZ	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	DE000CJ3NR8	KBC 62.87TL OPENZ	EUR	0,1800	0,1800	0,1800			0,1800					
Certificate	NL0012793905	KBC 68.79BS OPENB	EUR	4,6300	4,9300	4,6300			4,9300					
Certificate	DE000CV898M4	KBC 70.26TS OPENZ	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	NL0012771174	KBC 73.71BS OPENB	EUR	9,5500	9,8500	9,5500			9,8500					



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	DE000CV883R5	KBC 74.25TS OPENZ	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	DE000CE6ESZ8	KBC 78.21TS OPENZ	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	DE000CV885A6	KBC 82.21TS OPENZ	EUR	1,8100	1,8100	1,8100			1,8100					
Certificate	NL0012700090	KBC 83.46BS OPENB	EUR	19,3000	19,6000	19,3000			19,6000					
Certificate	DE000CD62Z82	KBCA 23.47TL OPENZ	EUR	2,0250	2,0250	2,0250			2,0250					
Certificate	DE000CD62Z90	KBCA 25.94TL OPENZ	EUR	1,7850	1,7850	1,7850			1,7850					
Certificate	DE000CD62ZA2	KBCA 28.42TL OPENZ	EUR	1,5450	1,5450	1,5450			1,5450					
Certificate	DE000CD63Z57	KBCA 33.06TL OPENZ	EUR	1,1050	1,1050	1,1050			1,1050					
Certificate	DE000CD64C53	KBCA 36.15TL OPENZ	EUR	0,8050	0,8050	0,8050			0,8050					
Certificate	NL0012996599	KBCA 37.14BL OPENB	EUR	0,6900	0,6900	0,6400			0,6400					
Certificate	NL0012992739	KBCA 39.14BL OPENB	EUR	0,4900	0,4900	0,4400			0,4400					
Certificate	DE000CE6CKW7	KBCA 39.25TL OPENZ	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	NL0012992747	KBCA 41.15BL OPENB	EUR	0,2900	0,2900	0,2400	1120,0000	1	0,2400	4000				
Certificate	DE000CJ3NW55	KBCA 41.75TL OPENZ	EUR	0,2550	0,2550	0,2550			0,2550					
Certificate	NL0012993018	KBCA 46.28BS OPENB	EUR	0,3800	0,4200	0,3800			0,4200					
Certificate	DE000CV89R89	KBCA 47.31TS OPENZ	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	NL0012993026	KBCA 49.26BS OPENB	EUR	0,6700	0,7200	0,6700			0,7200					
Certificate	DE000CV4Z2L3	KBCA 52.13TS OPENZ	EUR	1,1750	1,1750	1,1750			1,1750					
Certificate	DE000CV4Z5G9	KBCA 57.87TS OPENZ	EUR	1,7750	1,7750	1,7750			1,7750					
Certificate	DE000VL51258	KC1 LEVOPENV	EUR	0,1080	0,1080	0,1060			0,1060					
Certificate	DE000CJ3N2X1	KER 269.TL OPENZ	EUR	2,1000	2,1000	1,9500	5000,1000	1	1,9500	2381				
Certificate	NL0012779102	KER 351.TL OPENB	EUR	5,3600	5,3600	4,2100			4,2100					
Certificate	DE000CV88AK1	KER 364.TL OPENZ	EUR	0,1200	0,1200	0,1200			0,1200					
Certificate	NL0013010168	KER 407.TS OPENB	EUR	6,4000	7,4500	6,4000			7,4500					
Certificate	NL0013007990	KER 427.TS OPENB	EUR	8,5600	9,6100	8,5600	662,9000	1	9,6100	70				
Certificate	NL0012026207	KER 173.2TL OPENB	EUR	23,1600	23,1600	22,0100			22,0100					
Certificate	NL0012261069	KER 239.2TL OPENB	EUR	16,5500	16,5500	15,4000			15,4000					
Certificate	NL0012261077	KER 248.7TL OPENB	EUR	15,6000	15,6000	14,4500			14,4500					
Certificate	NL0012265763	KER 258.1TL OPENB	EUR	14,6600	14,6600	13,5100			13,5100					
Certificate	NL0012272058	KER 267.3TL OPENB	EUR	13,7500	13,7500	12,5900			12,5900					
Certificate	NL0012493597	KER 285.8TL OPENB	EUR	11,8800	11,8800	10,7300			10,7300					
Certificate	NL0012500508	KER 313.8TL OPENB	EUR	9,0800	9,0800	7,9300			7,9300					
Certificate	DE000CV4YZ04	KER 314.2TL OPENZ	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	NL0012502991	KER 323.1TL OPENB	EUR	8,1500	8,1500	7,0000			7,0000					
Certificate	NL0012503007	KER 332.6TL OPENB	EUR	7,2100	7,2100	6,0500			6,0500					
Certificate	NL0013010895	KER 360.6TL OPENB	EUR	4,0900	4,0900	3,0200			3,0200					
Certificate	NL0013005945	KER 446.9TS OPENB	EUR	10,7200	11,7700	10,7200			11,7700					
Certificate	NL0013004955	KER 466.8TS OPENB	EUR	13,9100	13,9100	13,9100			13,9100					
Certificate	NL0012985493	KER 486.2TS OPENB	EUR	14,9600	16,0100	14,9600			16,0100					
Certificate	NL0013004278	KER 506.7TS OPENB	EUR	18,2300	18,2300	18,2300			18,2300					
Certificate	DE000CV8AYG0	KGf 1.804TL OPENZ	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000CD64FX2	KGf 2.305TL OPENZ	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	DE000CE6D4V1	KIN 38.3TL OPENZ	EUR	1,3050	1,3050	1,3050			1,3050					
Certificate	DE000CE6D3A7	KIN 42.6TL OPENZ	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	DE000CJ3PB82	KIN 46.1TL OPENZ	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	NL0012993042	KIN 62.7BS OPENB	EUR	1,5350	1,5350	1,5150			1,5150					
Certificate	DE000CJ3NOE5	KIN 30.47TL OPENZ	EUR	2,0150	2,0150	2,0150			2,0150					
Certificate	DE000CE6D6E2	KIN 34.47TL OPENZ	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	NL0013005085	KIN 39.16BL OPENB	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	NL0013004393	KIN 42.17BL OPENB	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	NL0012996607	KIN 45.17BL OPENB	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	DE000CE6DYC8	KIN 46.39TL OPENZ	EUR											
Certificate	NL0013005200	KIN 52.74BS OPENB	EUR	0,5350	0,5350	0,5150			0,5150					
Certificate	NL0012993034	KIN 57.72BS OPENB	EUR	1,0350	1,0350	1,0150			1,0150					
Certificate	DE000CE6E8X7	KLPIR 24.8TL OPENZ	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	NL0012031355	KLPIR 25.3TL OPENB	EUR	6,3400	6,4400	6,2100	869,4000	1	6,2100	135				
Certificate	NL0011818661	KLPIR 27.8TL OPENB	EUR	3,9500	3,9500	3,8200			3,8200					
Certificate	DE000CN6H8K2	KLPIR 28.3TL OPENZ	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	NL0011092424	KLPIR 38.4TS OPENB	EUR	11,8100	11,9400	11,8100			11,9400					
Certificate	DE000CV88979	KLPIR19.78TL OPENZ	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	NL0013010572	KLPIR24.45BL OPENB	EUR	0,5850	0,5850	0,5650			0,5650					
Certificate	NL0012994743	KLPIR25.95BL OPENB	EUR	0,4350	0,4350	0,4150			0,4150					
Certificate	NL0012979686	KLPIR27.46BL OPENB	EUR	0,2750	0,2750	0,2650			0,2650					
Certificate	NL0013004765	KLPIR30.41BS OPENB	EUR	0,1050	0,1250	0,1050			0,1250					
Certificate	NL0012977839	KLPIR33.41BS OPENB	EUR	0,4050	0,4250	0,4050			0,4250					
Certificate	NL0012977847	KLPIR36.38BS OPENB	EUR	0,7050	0,7150	0,7050			0,7150					
Certificate	DE000CV89VP4	KNIN 101.3TL OPENZ	EUR	3,1750	3,1750	3,1750			3,1750					
Certificate	DE000CV508U2	KNIN 121.9TL OPENZ	EUR	1,4250	1,4250	1,4250			1,4250					
Certificate	XS1408340252	KPN STN0519B	EUR	80,3000	80,3000	78,5000			78,5000					
Certificate	DE000CP06644	KPN 2TL OPENC	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000CQ582Q2	KPN 2TL OPENC	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000CQ580D4	KPN 2TL OPENC	EUR	0,4600	0,4600	0,4600			0,4600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV52BP8	KPN 3TL OPENC	EUR											
Certificate	DE000CV52A13	KPN 3TL OPENC	EUR											
Certificate	DE000CQ582T6	KPN 3TS OPENC	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	DE000CQ580G7	KPN 3TS OPENC	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	NL0010154480	KPN 4TL OPENA	EUR											
Certificate	NL0010380127	KPN 0.6TL OPENB	EUR	1,8850	1,8850	1,8850			1,8850					
Certificate	NL0010439741	KPN 0.7TL OPENB	EUR	1,7750	1,7750	1,7750			1,7750					
Certificate	NL0010446142	KPN 1.1TL OPENB	EUR	1,4150	1,4150	1,4150			1,4150					
Certificate	DE000CP06WTO	KPN 1.5TL OPENC	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CP065H8	KPN 1.7TL OPENC	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	DE000CP06628	KPN 1.7TL OPENC	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	NL0011044581	KPN 1.7TL OPENH	EUR	0,9300	0,9300	0,8900			0,8900					
Certificate	DE000CP065J4	KPN 1.8TL OPENC	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CP06636	KPN 1.8TL OPENC	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	NL0011044573	KPN 1.8TL OPENH	EUR	0,8300	0,8300	0,7900			0,7900					
Certificate	DE000CP065K2	KPN 1.9TL OPENC	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	DE000CP06651	KPN 2.1TL OPENC	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CP065LO	KPN 2.1TL OPENC	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	DE000CP06677	KPN 2.4TS OPENC	EUR											
Certificate	DE000CP065N6	KPN 2.4TS OPENC	EUR											
Certificate	NL0013003254	KPN 2.5BOC0919B	EUR	2,3400	2,3400	2,3200			2,3200					
Certificate	DE000CQ58T99	KPN 2.5TS OPENC	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	DE000CP062J1	KPN 2.5TS OPENC	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	DE000CP06685	KPN 2.6TS OPENC	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	DE000CP065P1	KPN 2.6TS OPENC	EUR	0,2800	0,2800	0,2800			0,2800					
Certificate	DE000CP065Q9	KPN 2.7TS OPENC	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	NL0012649057	KPN 2.8BOC1218Z	EUR	2,7750	2,7750	2,7750			2,7750					
Certificate	NL0012648794	KPN 2.8BON0619Z	EUR	2,6150	2,6150	2,6150			2,6150					
Certificate	NL0012649073	KPN 2.9BOC0619Z	EUR	2,7350	2,7350	2,7350			2,7350					
Certificate	NL0012649065	KPN 2.9BOC1218Z	EUR	2,8100	2,8100	2,7850	1405,0000	1	2,7850	500				
Certificate	NL0012236236	KPN 3.1BON1218Z	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	NL0012649081	KPN 3.3BOC0619Z	EUR	2,7250	2,7250	2,7250			2,7250					
Certificate	NL0012648414	KPN 3.3BOC1218Z	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	NL0012648422	KPN 3.4BOC0619Z	EUR	2,7650	2,7650	2,7650			2,7650					
Certificate	NL0012236285	KPN 3.4BOC1218Z	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	NL0010248548	KPN 4.2TS OPENB	EUR	2,2250	2,2250	2,2250			2,2250					
Certificate	NL0009809987	KPN 7.1TS OPENB	EUR	5,3350	5,3750	5,3350			5,3750					
Certificate	NL0010887550	KPN 1.26TL OPENB	EUR	1,2550	1,2550	1,2150	2440,0000	1	1,2150	2000				
Certificate	NL0011044607	KPN 1.32TL OPENH	EUR	1,3200	1,3200	1,2800			1,2800					
Certificate	NL0010893657	KPN 1.59TL OPENB	EUR	0,9550	0,9550	0,9150	465,0000	1	0,9150	500				
Certificate	DE000CV882B1	KPN 1.75TL OPENZ	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	NL0010923660	KPN 1.83TL OPENB	EUR	0,7250	0,7250	0,6850			0,6850					
Certificate	DE000CV8ABK0	KPN 1.85TL 1218Z	EUR	0,5450	0,5450	0,5450			0,5450					
Certificate	NL0011044565	KPN 1.89TL OPENH	EUR	0,7300	0,7300	0,6900			0,6900					
Certificate	DE000CV881Q1	KPN 1.95TL OPENZ	EUR	0,5150	0,5150	0,5150			0,5150					
Certificate	NL0011044557	KPN 1.99TL OPENH	EUR	0,6400	0,6400	0,6000			0,6000					
Certificate	LU1817100552	KPN 2.04TCIOPENS	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	DE000CV8BCJ8	KPN 2.05TL 1218Z	EUR	0,3450	0,3450	0,3450			0,3450					
Certificate	NL0012893267	KPN 2.06TL OPENH	EUR	0,5100	0,5100	0,4700			0,4700					
Certificate	NL0010931887	KPN 2.12TL OPENB	EUR	0,4550	0,4550	0,4150			0,4150					
Certificate	DE000CV88CT7	KPN 2.17TL OPENZ	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	DE000CP06U41	KPN 2.25TL OPENC	EUR											
Certificate	DE000CJ3N211	KPN 2.27TL OPENZ	EUR											
Certificate	DE000CJ3PA42	KPN 2.27TL OPENZ	EUR	0,1250	0,1250	0,1250			0,1250					
Certificate	DE000VA71TC8	KPN 2.32TS OPENV	EUR											
Certificate	NL0012888713	KPN 2.44TS OPENH	EUR	0,2200	0,2600	0,2200			0,2600					
Certificate	NL0012864755	KPN 2.54TS OPENH	EUR	0,3300	0,3600	0,3300			0,3600					
Certificate	DE000CV505Q6	KPN 2.58TS OPENZ	EUR	0,1800	0,2200	0,1800	200,0000	2	0,2050	1000				
Certificate	NL0012936264	KPN 2.64TS OPENH	EUR	0,4300	0,4700	0,4300			0,4700					
Certificate	NL0012682991	KPN 2.67TS OPENB	EUR	0,4650	0,5050	0,4650			0,5050					
Certificate	NL0012864748	KPN 2.73TS OPENH	EUR	0,5400	0,5700	0,5400			0,5700					
Certificate	NL0012976641	KPN 2.75BOC0619B	EUR	2,5100	2,5100	2,4700			2,4700					
Certificate	DE000CP062Y3	KPN 2.75TS OPENC	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	NL0011051180	KPN 2.95TS OPENH	EUR	0,8500	0,8900	0,8500			0,8900					
Certificate	NL0012369805	KPN 3.14TS OPENH	EUR	0,9900	1,0200	0,9900			1,0200					
Certificate	NL0012494603	KPN 3.25BOC1218B	EUR	2,4400	2,4400	2,4000			2,4000					
Certificate	NL0012993729	KPN 1.434BL OPENB	EUR	1,0450	1,0450	1,0050			1,0050					
Certificate	DE000CV89BX0	KPN 1.482TL OPENZ	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	NL0012775076	KPN 1.584BL OPENB	EUR	0,8950	0,8950	0,8550			0,8550					
Certificate	DE000CZ7D080	KPN 1.688TL OPENZ	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	NL0012684468	KPN 1.735BL OPENB	EUR	0,7450	0,7450	0,7050			0,7050					
Certificate	DE000CZ7E039	KPN 1.768TL OPENZ	EUR	0,6250	0,6250	0,6250			0,6250					



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	DE000CX59KQ4	KPN 1.862TL OPENC	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	DE000CR4GYN8	KPN 1.867TL OPENZ	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	LU1719605922	KPN 1.873TCIOPENS	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	NL0012016182	KPN 1.887BL OPENB	EUR	0,5950	0,5950	0,5550			0,5550					
Certificate	DE000VASRRB7	KPN 1.921TL OPENV	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	DE000CV50947	KPN 1.962TL OPENZ	EUR	0,4700	0,4700	0,4200	4100,0000	4	0,4250	9000				
Certificate	DE000VASRRC5	KPN 2.021TL OPENV	EUR	0,3740	0,3740	0,3740			0,3740					
Certificate	NL0011443270	KPN 2.045BL OPENB	EUR	0,4150	0,4150	0,3750			0,3750					
Certificate	DE000CR4H3S9	KPN 2.064TL OPENZ	EUR	0,3250	0,3250	0,3250			0,3250					
Certificate	DE000VASRRD3	KPN 2.121TL OPENV	EUR	0,2740	0,2740	0,2740			0,2740					
Certificate	DE000CV8BC20	KPN 2.167TL OPENZ	EUR	0,2600	0,2600	0,2250	143,0000	1	0,2250	550				
Certificate	NL0012998918	KPN 2.196BL OPENB	EUR	0,2800	0,2800	0,2450	560,0000	1	0,2450	2000				
Certificate	DE000VAGE0D6	KPN 2.223TL OPENV	EUR	0,2100	0,2100	0,1585	234,6000	2	0,1740	1300				
Certificate	DE000VA71W76	KPN 2.326TL OPENV	EUR	0,1100	0,1100	0,0760	77,0000	1	0,0760	700				
Certificate	DE000CV8B466	KPN 2.378TS OPENZ	EUR											
Certificate	NL0012989743	KPN 2.416BS OPENB	EUR											
Certificate	NL0012990220	KPN 2.421TS OPENB	EUR											
Certificate	DE000VASRC98	KPN 2.427TS OPENV	EUR											
Certificate	DE000VASRRA9	KPN 2.527TS OPENV	EUR	0,1590	0,1590	0,1590			0,1590					
Certificate	DE000VAGE0D2	KPN 2.624TS OPENV	EUR	0,2590	0,2590	0,2590			0,2590					
Certificate	LU1719345917	KPN 2.685TCIOPENS	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	NL0012681936	KPN 2.714BS OPENB	EUR	0,3550	0,3550	0,3550			0,3950					
Certificate	DE000VA71W68	KPN 2.719TS OPENV	EUR	0,3590	0,3590	0,3590			0,3590					
Certificate	DE000CV4Z2F5	KPN 2.827TS OPENZ	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	NL0012693766	KPN 2.911TS OPENB	EUR	0,7250	0,7650	0,7250			0,7650					
Certificate	LU1612244134	KPN 2.998TCIOPENS	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	NL0011443346	KPN 3.007BS OPENB	EUR	0,6250	0,6650	0,6250			0,6650					
Certificate	DE000CR9PEN0	KPN 3.075TS OPENZ	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	LU1612320686	KPN 3.186TCIOPENS	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	DE000CN6KQ63	KPN 3.421TS OPENZ	EUR	1,0450	1,0450	1,0450			1,0450					
Certificate	NL0012269484	KPN 3.561BS OPENB	EUR	1,2050	1,2450	1,2050			1,2450					
Certificate	NL0013009715	KVW 13.4TL OPENB	EUR	4,0450	4,0450	3,7950			3,7950					
Certificate	NL0012978472	KVW 15.3TL OPENB	EUR	2,2250	2,2250	1,9750			1,9750					
Certificate	NL0013010184	KVW 18.1TS OPENB	EUR	3,2450	3,4950	3,2450			3,4950					
Certificate	NL0012980031	KVW 20.1TS OPENB	EUR	5,3750	5,6250	5,3750			5,6250					
Certificate	NL0012978753	KVW 22.1TS OPENB	EUR	7,5150	7,7650	7,5150			7,7650					
Certificate	DE000CJ3N8Y6	KVW 9.76TL OPENZ	EUR	1,4150	1,4150	1,4150			1,4150					
Certificate	DE000CV8AZR4	KVW 10.76TL OPENZ	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	DE000CV89SU0	KVW 11.87TL OPENZ	EUR	1,0350	1,0350	1,0350			1,0350					
Certificate	DE000CV89SV8	KVW 12.95TL OPENZ	EUR	0,8350	0,8350	0,8350			0,8350					
Certificate	DE000CV89SW6	KVW 14.03TL OPENZ	EUR	0,6350	0,6350	0,6350			0,6350					
Certificate	DE000CE6DCF7	KVW 15.14TL OPENZ	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	DE000CE6DCE0	KVW 16.76TL OPENZ	EUR											
Certificate	DE000CJ3PAH3	LANXE37.38TL OPENZ	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	NL0011927900	LANXE38.73TL OPENH	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	DE000CD62MF9	LANXE45.39TL OPENZ	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	NL0011976055	LANXE46.95TL OPENH	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	NL0011977848	LANXE50.04TL OPENH	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	DE000CD634V6	LANXE53.32TL OPENZ	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	NL0011996491	LANXE54.15TL OPENH	EUR	0,6800	0,6900	0,6800			0,6900					
Certificate	NL0012049142	LANXE58.28TL OPENH	EUR											
Certificate	NL0013079353	LANXE64.07TS OPENH	EUR	1,1500	1,1500	1,1400			1,1400					
Certificate	NL0012897979	LANXE67.53TS OPENH	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	NL0012894281	LANXE70.49TS OPENH	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	NL0012559843	LANXE72.33TS OPENH	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	NL0012581045	LANXE72.53TS OPENH	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	NL0012915631	LANXE78.26TS OPENH	EUR	2,6700	2,6700	2,6700			2,6700					
Certificate	NL0012581557	LANXE78.44TS OPENH	EUR	2,6900	2,6900	2,6800			2,6800					
Certificate	NL001257920	LANXE80.18TS OPENH	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	NL0012057616	LANXE83.07TS OPENH	EUR	3,1800	3,1800	3,1800			3,1800					
Certificate	FR0013123726	LDAX1 LEVOPENS	EUR											
Certificate	DE000CV89NE5	LEGRD41.31TL OPENZ	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	DE000CV4YXL1	LEGRD51.31TL OPENZ	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CV4YYV8	LEGRD58.26TL OPENZ	EUR											
Certificate	DE000CV4YXK3	LHN 36.3TL OPENZ	EUR	0,1900	0,1900	0,1900			0,1900					
Certificate	DE000CV8BC46	LHN 26.21TL OPENZ	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	DE000CV87TW8	LHN 31.25TL OPENZ	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	DE000CV8AV77	LHNS 41.4TL OPENZ	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	DE000CV8AV69	LHNS 36.25TL OPENZ	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	DE000CP06WW6	LIGHT 14TL OPENC	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000CP06WW4	LIGHT 16TL OPENC	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000CP06ZZ0	LIGHT 16TL OPENC	EUR	0,6700	0,6700	0,6700			0,6700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CP069H0	LIGHT 18TL OPENC	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	DE000CP06WX2	LIGHT 22TS OPENC	EUR											
Certificate	DE000CP07A02	LIGHT 22TS OPENC	EUR											
Certificate	DE000CQ5ASY8	LIGHT 23TL OPENC	EUR											
Certificate	DE000CP06NX1	LIGHT 25TS OPENC	EUR	0,3800	0,3800	0,3800				0,3800				
Certificate	DE000CP06PL1	LIGHT 25TS OPENC	EUR	0,4700	0,4700	0,4700				0,4700				
Certificate	DE000CP06941	LIGHT 26TS OPENC	EUR	0,4700	0,4700	0,4700				0,4700				
Certificate	DE000CP069J6	LIGHT 26TS OPENC	EUR	0,5700	0,5700	0,5700				0,5700				
Certificate	DE000CQ5BKX5	LIGHT 18.TL OPENC	EUR	0,4100	0,4100	0,4100				0,4100				
Certificate	DE000CQ582U4	LIGHT 20.1TL OPENC	EUR	0,2800	0,2800	0,2800				0,2800				
Certificate	DE000CJ3NOB1	LIGHT 23.8TS OPENZ	EUR	0,4500	0,4500	0,4500				0,4500				
Certificate	DE000CQ582W0	LIGHT 27.9TS OPENC	EUR	0,7600	0,7600	0,7600				0,7600				
Certificate	DE000CV89NNH8	LIGHT 28.8TS OPENZ	EUR	1,4400	1,4400	1,4400				1,4400				
Certificate	DE000CQ582X8	LIGHT 29.9TS OPENC	EUR	0,9700	0,9700	0,9700				0,9700				
Certificate	NL0012690796	LIGHT 35.2TS OPENB	EUR	16,3700	16,3700	16,2900				16,2900				
Certificate	DE000CJ3NZ94	LIGHT13.13TL OPENZ	EUR	1,7300	1,7300	1,7300				1,7300				
Certificate	DE000CV88KN4	LIGHT16.15TL OPENZ	EUR	1,1300	1,1300	1,1300				1,1300				
Certificate	DE000CD611L5	LIGHT16.42TL OPENZ	EUR	6,2450	6,2450	6,2450				6,2450				
Certificate	NL0012025951	LIGHT16.73TL OPENB	EUR	6,1800	6,2300	6,1800				6,2300				
Certificate	DE000CJ3NOA3	LIGHT17.65TL OPENZ	EUR	0,8300	0,8300	0,8300				0,8300				
Certificate	NL0013005101	LIGHT18.11BL OPENB	EUR	3,8100	3,8600	3,8100				3,8600				
Certificate	DE000CD611K7	LIGHT18.52TL OPENZ	EUR	4,2650	4,2650	4,2650				4,2650				
Certificate	NL0012026231	LIGHT18.79TL OPENB	EUR	4,2700	4,3200	4,2700				4,3200				
Certificate	NL0012976096	LIGHT19.11BL OPENB	EUR	2,8100	3,0000	2,8100	600,0000	1		2,8600	200			
Certificate	DE000CV89L93	LIGHT19.17TL OPENZ	EUR	0,5300	0,5300	0,5300				0,5300				
Certificate	NL0013010929	LIGHT19.76TL OPENB	EUR	3,3500	3,5900	3,3500	7180,0000	1		3,4000	2000			
Certificate	DE000CQ580H5	LIGHT20.02TL OPENC	EUR	0,2100	0,2100	0,2100				0,2100				
Certificate	NL0012098909	LIGHT20.12BL OPENB	EUR	1,8000	2,0700	1,8000	204,0000	1		1,8500	100			
Certificate	DE000CJ3N1C7	LIGHT20.65TL OPENZ	EUR											
Certificate	DE000CJ3PC65	LIGHT20.66TL OPENZ	EUR	0,2400	0,2400	0,2400				0,2400				
Certificate	NL0013012222	LIGHT20.76TL OPENB	EUR	2,4200	2,4700	2,4200				2,4700				
Certificate	NL0013013345	LIGHT21.12BL OPENB	EUR	0,8000	0,8500	0,8000				0,8500				
Certificate	NL0013010275	LIGHT21.37TS OPENB	EUR											
Certificate	NL0013005226	LIGHT22.76BS OPENB	EUR	1,2600	1,2600	1,1800				1,1800				
Certificate	DE000CQ5AV05	LIGHT22.98TL OPENC	EUR											
Certificate	NL0013002561	LIGHT23.34TS OPENB	EUR	3,5600	3,5600	3,4800				3,4800				
Certificate	NL0013002231	LIGHT24.75BS OPENB	EUR	3,2500	3,2500	3,1700				3,1700				
Certificate	NL0013002579	LIGHT25.34TS OPENB	EUR	5,7200	5,7200	5,6400				5,6400				
Certificate	NL0012785539	LIGHT26.74BS OPENB	EUR	5,2400	5,2400	5,1600				5,1600				
Certificate	DE000CV88KP9	LIGHT26.79TS OPENC	EUR	1,0400	1,0400	1,0400				1,0400				
Certificate	NL0012786131	LIGHT27.33TS OPENB	EUR	7,8600	7,8600	7,7800				7,7800				
Certificate	DE000CQ5AWT0	LIGHT28.67TS OPENC	EUR	0,6900	0,6900	0,6900				0,6900				
Certificate	NL0012785547	LIGHT28.71BS OPENB	EUR	7,2100	7,2100	7,1300				7,1300				
Certificate	DE000CQ580K9	LIGHT29.94TS OPENC	EUR	0,8600	0,8600	0,8600				0,8600				
Certificate	DE000CV4YYX4	LIGHT31.77TS OPENC	EUR	2,0400	2,0400	2,0400				2,0400				
Certificate	DE000CQ5AV47	LIGHT33.63TS OPENC	EUR	1,1800	1,1800	1,1800				1,1800				
Certificate	NL0011935630	LIND1 125TL OPENH	EUR	9,0900	9,7000	9,0900				9,7000				
Certificate	NL0011225826	LIND1 99.8TL OPENH	EUR	11,4500	12,0600	11,4500				12,0600				
Certificate	NL0011934153	LIND119.6TL OPENH	EUR	9,6000	10,2100	9,6000				10,2100				
Certificate	NL0011975156	LIND1135.4TL OPENH	EUR	8,1300	8,7400	8,1300				8,7400				
Certificate	NL0012209258	LIND1147.3TL OPENH	EUR	7,0100	7,6200	7,0100				7,6200				
Certificate	DE000CJ3NP39	LIND1188.3TL OPENZ	EUR	2,6550	2,6550	2,6550				2,6550				
Certificate	DE000CN6GLP9	LINDE104.5TL OPENZ	EUR	10,9750	10,9750	10,9750				10,9750				
Certificate	DE000CN6K2H6	LINDE117.6TL OPENZ	EUR	9,6650	9,6650	9,6650				9,6650				
Certificate	DE000CD62LA2	LINDE132.5TL OPENZ	EUR	8,1850	8,1850	8,1850				8,1850				
Certificate	DE000CE6DD58	LINDE158.4TL OPENZ	EUR	6,2800	6,2800	5,6100	1884,0000	1		5,6100	300			
Certificate	DE000CV87RQ4	LISP 4086TL OPENC	EUR	2,3250	2,3250	2,3250				2,3250				
Certificate	DE000CE6CBE4	LISP 4593TL OPENC	EUR	1,8850	1,8850	1,8850				1,8850				
Certificate	DE000CE6E3M1	LISP 5188TL OPENC	EUR	1,3650	1,3650	1,3650				1,3650				
Certificate	DE000CV88CY8	LISP 5683TL OPENC	EUR	0,9350	0,9350	0,9350				0,9350				
Certificate	DE000CV89XL9	LISP 6176TL OPENC	EUR	0,5050	0,5050	0,5050				0,5050				
Certificate	DE000CJ3NX21	LLOYD0.381TL OPENZ	EUR	2,1450	2,1450	2,1450				2,1450				
Certificate	DE000CN6J8W5	LLOYD0.437TL OPENZ	EUR	1,4950	1,4950	1,4950				1,4950				
Certificate	DE000CD625P6	LLOYD0.485TL OPENC	EUR	0,9550	0,9550	0,9550				0,9550				
Certificate	DE000CD63Q25	LLOYD0.536TL OPENC	EUR	0,4500	0,4500	0,4050	225,0000	1		0,4050	500			
Certificate	DE000CR9SBA7	LMRTN208.3TL OPENC	EUR	2,6100	2,6100	2,6100				2,6100				
Certificate	DE000CN6KY97	LMRTN228.9TL OPENC	EUR	2,1600	2,1600	2,1600				2,1600				
Certificate	DE000CJ3N4Q1	LOGIT26.66TL OPENC	EUR	2,4700	2,4700	2,4700				2,4700				
Certificate	DE000CJ3NU57	LOGIT31.16TL OPENC	EUR	1,7200	1,7200	1,7200				1,7200				
Certificate	DE000CV8AV93	LOGIT36.14TL OPENC	EUR	0,8800	0,8800	0,8800				0,8800				
Certificate	NL0011418132	LOREA 127.TL OPENH	EUR	6,9500	6,9500	6,8300				6,8300				
Certificate	NL0011800321	LOREA 148.TL OPENB	EUR	4,9950	4,9950	4,9450				4,9450				



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	NL0012592844	LOREA 263.TS OPENH	EUR	9,6400	9,7600	9,6400			9,7600					
Certificate	NL0011418157	LOREA106.1TL OPENH	EUR	8,9000	8,9000	8,7900			8,7900					
Certificate	NL0011418140	LOREA116.5TL OPENH	EUR	7,9300	7,9300	7,8100			7,8100					
Certificate	NL0010913471	LOREA127.4TL OPENB	EUR	6,9250	6,9250	6,8650			6,8650					
Certificate	DE000CR9QDV3	LOREA128.9TL OPENZ	EUR	5,8050	5,8050	5,8050			5,8050					
Certificate	NL0011418124	LOREA137.5TL OPENH	EUR	5,9700	5,9700	5,8600			5,8600					
Certificate	DE000CR6YDJ8	LOREA144.8TL OPENZ	EUR	2,1050	2,1050	2,1050			2,1050					
Certificate	NL0011732300	LOREA154.7TL OPENH	EUR	4,3700	4,3700	4,2600			4,2600					
Certificate	NL0012179030	LOREA168.2TL OPENH	EUR	3,1200	3,1200	3,0000			3,0000					
Certificate	DE000CJ3NP47	LOREA174.8TL OPENZ	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	NL0012779847	LOREA178.2TL OPENB	EUR	2,1850	2,2800	2,1350	33,5600	15	2,1350	15				
Certificate	NL0012610232	LOREA178.2TL OPENH	EUR	2,1800	2,1800	2,0700			2,0700					
Certificate	NL0012611701	LOREA188.3TL OPENH	EUR											
Certificate	NL0013011893	LOREA190.4TS OPENB	EUR	1,8250	1,8850	1,8250			1,8850					
Certificate	NL0013007362	LOREA205.4TS OPENB	EUR	3,4450	3,5050	3,4450			3,5050					
Certificate	NL0011418058	LOREA214.7TS OPENH	EUR	4,4200	4,5400	4,4200			4,5400					
Certificate	NL0012786099	LOREA220.1TS OPENB	EUR	5,0250	5,0950	5,0250			5,0950					
Certificate	NL0012611693	LOREA224.6TS OPENH	EUR	5,5000	5,6200	5,5000			5,6200					
Certificate	NL0012792527	LOREA235.1TS OPENB	EUR	6,6450	6,7150	6,6450			6,7150					
Certificate	NL0012864862	LOREA244.9TS OPENH	EUR	7,7000	7,8100	7,7000			7,8100					
Certificate	NL0012556179	LOREA265.5TS OPENH	EUR	9,9200	10,0400	9,9200			10,0400					
Certificate	NL0012556451	LOREA267.3TS OPENH	EUR	10,1000	10,2200	10,1000			10,2200					
Certificate	NL0012586747	LOREA267.4TS OPENH	EUR	10,1200	10,2400	10,1200			10,2400					
Certificate	NL0012536759	LOREA292.9TS OPENH	EUR	12,8700	12,9900	12,8700			12,9900					
Certificate	NL0012526602	LOREA294.4TS OPENH	EUR	13,0400	13,1500	13,0400			13,1500					
Certificate	NL0012538458	LOREA294.4TS OPENH	EUR	13,0400	13,1600	13,0400			13,1600					
Certificate	NL0012546501	LOREA294.6TS OPENH	EUR	13,0500	13,1700	13,0500			13,1700					
Certificate	NL0012864854	LOREA324.3TS OPENH	EUR	16,2600	16,3800	16,2600			16,3800					
Certificate	NL0011989124	LUFTH 8.5TL OPENH	EUR	10,8500	11,0600	10,8500			11,0600					
Certificate	NL0012055891	LUFTH 10.5TL OPENH	EUR	8,9700	9,1900	8,9700			9,1900					
Certificate	DE000CD63C96	LUFTH 10.5TL OPENZ	EUR	4,2450	4,2450	4,2450			4,2450					
Certificate	NL0012201859	LUFTH 13.3TL OPENH	EUR	6,3500	6,5700	6,3500			6,5700					
Certificate	NL0012431084	LUFTH 18.4TL OPENH	EUR											
Certificate	NL0012433908	LUFTH 18.9TL OPENH	EUR											
Certificate	NL001255360	LUFTH 29.7TS OPENH	EUR	13,1300	13,1300	12,9500			12,9500					
Certificate	NL0012529184	LUFTH 32.3TS OPENH	EUR	15,9200	15,9200	15,7400			15,7400					
Certificate	NL0012536643	LUFTH 34.3TS OPENH	EUR	18,0700	18,0700	17,8800			17,8800					
Certificate	NL0011054234	LUFTH 4.59TL OPENH	EUR	14,5000	14,7100	14,5000			14,7100					
Certificate	NL0011054226	LUFTH 6.71TL OPENH	EUR	12,5200	12,7300	12,5200			12,7300					
Certificate	NL0011054218	LUFTH 7.77TL OPENH	EUR	11,5300	11,7400	11,5300			11,7400					
Certificate	NL0011992359	LUFTH 9.99TL OPENH	EUR	9,4500	9,6700	9,4500			9,6700					
Certificate	NL0012175426	LUFTH11.77TL OPENH	EUR	7,7900	8,0100	7,7900			8,0100					
Certificate	NL0012196430	LUFTH12.28TL OPENH	EUR	7,3100	7,5300	7,3100			7,5300					
Certificate	DE000CE6C7Y9	LUFTH14.19TL OPENZ	EUR	2,4050	2,4050	2,4050			2,4050					
Certificate	NL0012212047	LUFTH14.32TL OPENH	EUR	5,4000	5,6200	5,4000			5,6200					
Certificate	NL0012243315	LUFTH15.35TL OPENH	EUR	4,4400	4,6600	4,4400			4,6600					
Certificate	DE000CJ3N443	LUFTH15.72TL OPENZ	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	NL0012307011	LUFTH16.36TL OPENH	EUR	3,5000	3,7100	3,5000			3,7100					
Certificate	NL0013005804	LUFTH16.45TL OPENB	EUR	3,4900	3,8600	3,4900			3,8600					
Certificate	NL0012311021	LUFTH16.88TL OPENH	EUR	3,0100	3,4000	3,0100	1360,0000	1	3,2300	400				
Certificate	DE000CV89N00	LUFTH17.22TL OPENZ	EUR	0,9150	0,9150	0,9150			0,9150					
Certificate	NL0012370803	LUFTH17.37TL OPENH	EUR	2,5500	2,7700	2,5500			2,7700					
Certificate	NL0012374219	LUFTH17.89TL OPENH	EUR	2,0600	2,5000	2,0600	3710,0000	2	2,2800	1500				
Certificate	NL0012975502	LUFTH17.96TL OPENB	EUR	2,0800	2,4500	2,0800			2,4500					
Certificate	NL0013010077	LUFTH19.86TS OPENB	EUR	2,7000	2,7000	2,3200			2,3200					
Certificate	NL0012907687	LUFTH20.82TS OPENH	EUR	3,5900	3,5900	3,4100			3,4100					
Certificate	NL0012904916	LUFTH22.36TS OPENH	EUR	5,2400	5,2400	5,0600			5,0600					
Certificate	NL0013002520	LUFTH22.84TS OPENB	EUR	5,9100	5,9100	5,5300			5,5300					
Certificate	NL0012934731	LUFTH24.24TS OPENH	EUR	7,2600	7,2600	7,0800			7,0800					
Certificate	NL0012909659	LUFTH25.08TS OPENH	EUR	8,1700	8,1700	7,9900			7,9900					
Certificate	NL0012611107	LUFTH25.48TS OPENH	EUR	8,5900	8,5900	8,4100			8,4100					
Certificate	NL0012610190	LUFTH25.48TS OPENH	EUR	8,6000	8,6000	8,4200			8,4200					
Certificate	NL0012785125	LUFTH25.82TS OPENB	EUR	9,1400	9,1400	8,7600			8,7600					
Certificate	NL0012849434	LUFTH26.04TS OPENH	EUR	9,2000	9,2000	9,0100			9,0100					
Certificate	NL0012596225	LUFTH26.37TS OPENH	EUR	9,5500	9,5500	9,3700			9,3700					
Certificate	NL0012861439	LUFTH27.02TS OPENH	EUR	10,2500	10,2500	10,0700			10,0700					
Certificate	NL0012581029	LUFTH27.27TS OPENH	EUR	10,5200	10,5200	10,1000	454,5000	1	10,3300	45				
Certificate	NL0012581011	LUFTH28.25TS OPENH	EUR	11,5700	11,5700	11,3900			11,3900					
Certificate	NL0012558282	LUFTH28.65TS OPENH	EUR	12,0000	12,0000	11,8200			11,8200					
Certificate	NL0012685697	LUFTH28.77TS OPENB	EUR	12,3400	12,3400	11,9600			11,9600					
Certificate	NL0012525927	LUFTH30.32TS OPENH	EUR	13,8000	13,8000	13,6100			13,6100					
Certificate	NL0012542047	LUFTH31.41TS OPENH	EUR	14,9600	14,9600	14,7800			14,7800					



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	NL0012543904	LUFTH36.32TS OPENH	EUR	20,2400	20,2400	20,0600			20,0600					
Certificate	DE000CR9RR14	LUFTH7.768TL OPENZ	EUR	5,6100	5,6100	5,6100			5,6100					
Certificate	DE000CR9P2J3	LUFTH8.884TL OPENZ	EUR	5,0500	5,0500	5,0500			5,0500					
Certificate	NL0010903365	LUXOT 22TL OPENB	EUR											
Certificate	NL0010903373	LUXOT 29TL OPENB	EUR											
Certificate	DE000CV8ASU5	LUXOT40.44TL OPENZ	EUR	1,2900	1,2900	1,2900				1,2900				
Certificate	DE000CV8ASV3	LUXOT45.44TL OPENZ	EUR	0,7900	0,7900	0,7900				0,7900				
Certificate	DE000CV8ASW1	LUXOTS0.44TL OPENZ	EUR	0,3000	0,3000	0,3000				0,3000				
Certificate	DE000CX59KT8	LVMH 160TL OPENC	EUR	9,9100	9,9100	9,9100				9,9100				
Certificate	DE000CX59Q50	LVMH 160TL OPENC	EUR	10,5600	10,5600	10,5600				10,5600				
Certificate	DE000CY0AUK4	LVMH 170TL OPENC	EUR	9,6600	9,6600	9,6600				9,6600				
Certificate	DE000CX59VC1	LVMH 170TL OPENC	EUR	9,5900	9,5900	9,5900				9,5900				
Certificate	DE000CX59UF6	LVMH 170TL OPENC	EUR	8,7600	8,7600	8,7600				8,7600				
Certificate	DE000CY0AZG1	LVMH 180TL OPENC	EUR	8,6900	8,6900	8,6900				8,6900				
Certificate	DE000CY0ATL4	LVMH 180TL OPENC	EUR	7,7700	7,7700	7,7700				7,7700				
Certificate	DE000CY500W2	LVMH 200TL OPENC	EUR	5,8000	5,8000	5,7200	4999,6000	1	5,7200	862				
Certificate	DE000CY50H00	LVMH 200TL OPENC	EUR	6,7400	6,7400	6,7400				6,7400				
Certificate	DE000CY50H18	LVMH 210TL OPENC	EUR	5,7500	5,7500	5,7500				5,7500				
Certificate	DE000CY50727	LVMH 210TL OPENC	EUR	4,6800	4,6800	4,6800				4,6800				
Certificate	DE000CY51AL1	LVMH 220TL OPENC	EUR	3,8300	3,8300	3,8300				3,8300				
Certificate	DE000CY524Q4	LVMH 230TL OPENC	EUR	2,9300	2,9300	2,9300				2,9300				
Certificate	NL0012581037	LVMH 232TL OPENH	EUR	4,7300	4,7300	4,5100				4,5100				
Certificate	DE000CQ5AFQ1	LVMH 240TL OPENC	EUR	2,1300	2,1300	2,1300				2,1300				
Certificate	DE000CQ5AHL8	LVMH 250TL OPENC	EUR	1,1200	1,1200	1,1200				1,1200				
Certificate	DE000CQ5AV62	LVMH 260TL OPENC	EUR											
Certificate	DE000CQ5APW8	LVMH 270TL OPENC	EUR											
Certificate	DE000CQ5AWU8	LVMH 280TL OPENC	EUR											
Certificate	DE000CQ5AWV6	LVMH 310TS OPENC	EUR											
Certificate	DE000CQ58EB4	LVMH 320TS OPENC	EUR	5,7400	5,7400	5,7400				5,7400				
Certificate	DE000CQ5APX6	LVMH 340TS OPENC	EUR	7,4800	7,4800	7,4800				7,4800				
Certificate	DE000CD64D52	LVMH 177.TL OPENZ	EUR	84,4250	84,4250	84,4250				84,4250				
Certificate	NL0012313167	LVMH 325.TS OPENH	EUR	8,7900	9,0100	8,7900				9,0100				
Certificate	NL0012526206	LVMH 371.TS OPENH	EUR	13,7600	13,9800	13,7600				13,9800				
Certificate	NL0012539308	LVMH 372.TS OPENH	EUR	13,8700	14,0900	13,8700				14,0900				
Certificate	NL0009992189	LVMH 77.4TL OPENB	EUR	20,9550	20,9550	20,9550				20,9550				
Certificate	NL0011415500	LVMH 106.3TL OPENH	EUR	16,4300	16,4300	16,2100				16,2100				
Certificate	NL0010918751	LVMH 118.8TL OPENB	EUR	15,2850	15,2850	15,0350				15,0350				
Certificate	NL0011415484	LVMH 122.1TL OPENH	EUR	14,9700	14,9700	14,7400				14,7400				
Certificate	NL0011931258	LVMH 135.1TL OPENH	EUR	13,7600	13,7600	13,5300				13,5300				
Certificate	NL0011979372	LVMH 147.6TL OPENH	EUR	12,5900	12,5900	12,3700				12,3700				
Certificate	NL0012022503	LVMH 149.7TL OPENB	EUR	12,4050	12,4050	12,1550				12,1550				
Certificate	NL0012212054	LVMH 159.1TL OPENH	EUR	11,5200	11,5200	11,2900				11,2900				
Certificate	NL0012054472	LVMH 172.9TL OPENH	EUR	10,2400	10,2400	10,0200				10,0200				
Certificate	NL0012051767	LVMH 173.4TL OPENH	EUR	10,1900	10,1900	9,9600				9,9600				
Certificate	NL0012199301	LVMH 186.3TL OPENH	EUR	8,9900	8,9900	8,7600				8,7600				
Certificate	NL0012209266	LVMH 196.3TL OPENH	EUR	8,0600	8,0600	7,8300				7,8300				
Certificate	DE000CE6CC76	LVMH 198.9TL OPENZ	EUR	3,1300	3,1300	3,1300				3,1300				
Certificate	NL0012122881	LVMH 200.7TL OPENB	EUR	7,6550	7,6550	7,4050				7,4050				
Certificate	NL0012365811	LVMH 208.2TL OPENH	EUR	6,9500	6,9500	6,7200				6,7200				
Certificate	NL0012239347	LVMH 210.2TL OPENH	EUR	6,7600	6,7600	6,5400				6,5400				
Certificate	NL0012557912	LVMH 222.8TL OPENH	EUR	5,5900	5,5900	5,3600				5,3600				
Certificate	DE000CE6F1W3	LVMH 224.8TL OPENZ	EUR	1,8500	1,8500	1,8500				1,8500				
Certificate	NL0012500524	LVMH 230.8TL OPENB	EUR	4,8650	4,8650	4,6150				4,6150				
Certificate	DE000CV888L7	LVMH 244.6TL OPENZ	EUR	0,8700	0,8700	0,8700				0,8700				
Certificate	NL0012602775	LVMH 253.5TL OPENH	EUR	2,7400	2,7400	2,5100				2,5100				
Certificate	NL0012313159	LVMH 344.4TS OPENH	EUR	10,8800	11,1000	10,8800				11,1000				
Certificate	NL0012545669	LVMH 364.9TS OPENH	EUR	13,1000	13,3200	13,1000				13,3200				
Certificate	NL0012601843	LVMH 396.6TS OPENH	EUR	16,5200	16,7400	16,5200				16,7400				
Certificate	NL0012604722	LVMH 436.3TS OPENH	EUR	20,8100	21,0300	20,8100				21,0300				
Certificate	NL0012606396	LVMH 436.6TS OPENH	EUR	20,8400	21,0600	20,8400				21,0600				
Certificate	NL0012608053	LVMH 438.2TS OPENH	EUR	21,0200	21,2400	21,0200				21,2400				
Certificate	NL0012901144	LVMH 462.8TS OPENH	EUR	23,6700	23,8900	23,6700				23,8900				
Certificate	NL0012864813	LVMH 475.7TS OPENH	EUR	25,0700	25,2900	25,0700				25,2900				
Certificate	NL0012313175	LVMH 77.42TL OPENH	EUR	19,1200	19,1200	18,9000				18,9000				
Certificate	DE000CK1CMU0	LVMH 98.97TL OPENZ	EUR	165,1850	165,1850	165,1850				165,1850				
Certificate	DE000CV89MM0	MAERS 5386TL OPENC	EUR	4,1000	4,1000	4,1000				4,1000				
Certificate	DE000CV89V18	MAERS 5882TL OPENC	EUR	3,4400	3,4400	3,4400				3,4400				
Certificate	DE000CV87UE4	MAERS 6390TL OPENC	EUR	2,7600	2,7600	2,7600				2,7600				
Certificate	DE000CV89Q98	MAERS 6883TL OPENC	EUR	2,1100	2,1100	2,1100				2,1100				
Certificate	DE000CV87RP6	MAERS 7390TL OPENC	EUR	1,4400	1,4400	1,4400				1,4400				
Certificate	DE000CD63EB3	MASTE109.6TL OPENC	EUR	8,2600	8,2600	8,2600				8,2600				
Certificate	DE000CR6YBA1	MASTE88.22TL OPENC	EUR	10,1200	10,1200	10,1200				10,1200				



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	NL0011445705	MCDON 103TL OPENB	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	NL0010248456	MCDON 58.1TL OPENB	EUR	9,7700	9,7700	9,7700			9,7700					
Certificate	NL0012774434	MCDON176.3TS OPENB	EUR	2,1150	2,1150	2,1150			2,1150					
Certificate	NL0013002538	MCDON186.3TS OPENB	EUR	3,0550	3,0550	3,0550			3,0550					
Certificate	DE000CR9RWR9	MDAX 17040TL OPENZ	EUR	7,4700	7,4700	7,3400			7,3400					
Certificate	DE000CR9PS49	MDAX 18299TL OPENZ	EUR	6,2150	6,2150	6,0850			6,0850					
Certificate	DE000CN6JST0	MDAX 19556TL OPENZ	EUR	4,9650	4,9650	4,8350			4,8350					
Certificate	DE000CD626E8	MDAX 20783TL OPENZ	EUR	3,7350	3,7350	3,6050			3,6050					
Certificate	DE000CD64144	MDAX 21989TL OPENZ	EUR	2,5350	2,5350	2,4050			2,4050					
Certificate	DE000CD64FS2	MDAX 23195TL OPENZ	EUR	1,3350	1,3350	1,1950			1,1950					
Certificate	DE000CJ3NZY0	MDAX 26629TS OPENZ	EUR	2,3150	2,4550	2,3150			2,4550					
Certificate	DE000CE6CGY1	MDAX 28614TS OPENZ	EUR	4,2950	4,4350	4,2950			4,4350					
Certificate	DE000CE6DNE7	MDAX 30097TS OPENZ	EUR	5,7800	5,9100	5,7800			5,9100					
Certificate	DE000CE6FAF6	MDAX 31597TS OPENZ	EUR	7,2800	7,4100	7,2800			7,4100					
Certificate	DE000CV88X33	MDAX 35593TS OPENZ	EUR	11,2700	11,4100	11,2700			11,4100					
Certificate	DE000CV8AT48	MEDTR62.14TL OPENZ	EUR	3,0950	3,0950	3,0950			3,0950					
Certificate	DE000CV8AT55	MEDTR72.51TL OPENZ	EUR	2,2250	2,2250	2,2250			2,2250					
Certificate	DE000CV8AT63	MEDTR82.88TL OPENZ	EUR	1,3450	1,3450	1,3450			1,3450					
Certificate	DE000CJ3NR03	MEDTR92.86TL OPENZ	EUR											
Certificate	NL0012370860	MERCK 47TL OPENH	EUR	4,9300	4,9300	4,8400			4,8400					
Certificate	NL0012586671	MERCK 51TL OPENH	EUR	4,5600	4,5600	4,4700			4,4700					
Certificate	NL0012370845	MERCK 99TS OPENH	EUR	1,3300	1,4300	1,3300			1,4300					
Certificate	NL0011054481	MERCK 122TS OPENH	EUR	3,8000	3,9100	3,8000			3,9100					
Certificate	DE000CN6JH67	MERCK 61.TL OPENZ	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	NL0012370886	MERCK 30.7TL OPENH	EUR	6,4500	6,4500	6,3600			6,3600					
Certificate	NL0012370878	MERCK 38.9TL OPENH	EUR	5,6900	5,6900	5,6000			5,6000					
Certificate	NL0012565394	MERCK 55.5TL OPENH	EUR	4,1300	4,1300	4,0500			4,0500					
Certificate	NL0011416508	MERCK 63.1TL OPENH	EUR	3,4200	3,4200	3,3300			3,3300					
Certificate	NL0011416490	MERCK 67.3TL OPENH	EUR	3,0300	3,0300	2,9400			2,9400					
Certificate	NL0011729090	MERCK 71.5TL OPENH	EUR	2,6400	2,6400	2,5500			2,5500					
Certificate	NL0012601017	MERCK 75.1TL OPENH	EUR	2,3000	2,3000	2,2100			2,2100					
Certificate	NL0012606701	MERCK 79.2TL OPENH	EUR	1,9200	1,9200	1,8300			1,8300					
Certificate	NL0012929426	MERCK 83.1TL OPENH	EUR	1,5500	1,5500	1,4600			1,4600					
Certificate	NL0012558290	MERCK 92.7TS OPENH	EUR											
Certificate	NL0012370837	MERCK106.8TS OPENH	EUR	2,1600	2,2700	2,1600			2,2700					
Certificate	NL0011729066	MERCK116.9TS OPENH	EUR	3,2500	3,3500	3,2500			3,3500					
Certificate	NL0012539316	MERCK131.6TS OPENH	EUR	4,8200	4,9300	4,8200			4,9300					
Certificate	NL0011737192	MERCK132.4TS OPENH	EUR	4,9100	5,0200	4,9100			5,0200					
Certificate	NL0012556021	MERCK139.8TS OPENH	EUR	5,7100	5,8200	5,7100			5,8200					
Certificate	NL0011929948	MERCK140.6TS OPENH	EUR	5,8000	5,9000	5,8000			5,9000					
Certificate	DE000CR9RR48	MERCK68.28TL OPENZ	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000CV88P25	MERCK78.22TL OPENZ	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	NL0000290534	MEXIC PI OPENN	EUR	14,0600	14,0600	14,0600			14,0600					
Certificate	DE000CN6KKW9	MHG 108.4TL OPENZ	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	DE000CE6CL26	MHG 123.6TL OPENZ	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000CV87LY1	MHG 143.7TL OPENZ	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	DE000CV8AH34	MHG 163.6TL OPENZ	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	DE000CJ3PA26	MHG 183.6TL OPENZ	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000CR9PK21	MHG 67.34TL OPENZ	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	DE000CR9SMH9	MHG 82.09TL OPENZ	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	NL0011979380	MICHL 143.TS OPENH	EUR	55,6100	56,8400	55,6100			56,8400					
Certificate	NL0012900021	MICHL 60.5TL OPENH	EUR	42,6000	42,6000	41,2800			41,2800					
Certificate	NL0012891303	MICHL112.2TS OPENH	EUR	22,4300	23,6700	22,4300	80790,0000	3	23,6700	3500				
Certificate	NL0012600431	MICHL120.4TS OPENH	EUR	31,2000	32,4400	31,2000			32,4400					
Certificate	NL0011729033	MICHL127.4TS OPENH	EUR	38,8000	40,0400	38,8000			40,0400					
Certificate	NL0011732185	MICHL127.6TS OPENH	EUR	39,0600	40,3000	39,0600			40,3000					
Certificate	NL0012862460	MICHL140.2TS OPENH	EUR	52,6100	53,8500	52,6100			53,8500					
Certificate	NL0011973870	MICHL142.9TS OPENH	EUR	55,5600	56,8000	55,5600			56,8000					
Certificate	NL0011996509	MICHL143.2TS OPENH	EUR	55,8600	57,1000	55,8600			57,1000					
Certificate	NL0012900013	MICHL156.2TS OPENH	EUR	69,9500	71,1900	69,9500			71,1900					
Certificate	NL0012536684	MICHL172.9TS OPENH	EUR	87,8800	89,1200	87,8800			89,1200					
Certificate	NL0012539712	MICHL176.4TS OPENH	EUR	91,7400	92,9800	91,7400			92,9800					
Certificate	NL0009862820	MICHL24.32TL OPENB	EUR	7,6350	7,6350	7,6350			7,6350					
Certificate	NL0010438149	MICHL54.45TL OPENB	EUR	48,4750	48,4750	48,4750			48,4750					
Certificate	DE000CV89Q56	MICHL69.32TL OPENZ	EUR											
Certificate	NL0011650080	MICHL72.52TL OPENB	EUR	31,7550	31,7550	31,7550			31,7550					
Certificate	NL0011890249	MICHL74.62TL OPENH	EUR	29,4600	29,4600	28,1400			28,1400					
Certificate	DE000CV89BY8	MICHL79.31TL OPENZ	EUR											
Certificate	NL0011927918	MICHL82.73TL OPENH	EUR	21,9100	21,9100	20,5900			20,5900					
Certificate	NL0011994074	MICHL88.95TL OPENH	EUR	16,1200	16,1200	14,8000			14,8000					
Certificate	DE000CV88353	MICHL89.43TL OPENZ	EUR											
Certificate	NL0012036743	MICHL92.99TL OPENB	EUR	12,7950	12,7950	12,7950			12,7950					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012897987	MICHL96.55TL OPENH	EUR	9,0500	9,0500	7,7300			7,7300					
Certificate	DE000CP06XX0	MICRO 30TL OPENC	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	DE000CV8BCL4	MICRO 34TL 1218Z	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000CP06XY8	MICRO 35TL OPENC	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	DE000CV8BE69	MICRO 37TL 1218Z	EUR	0,4350	0,4350	0,4350			0,4350					
Certificate	DE000CV8AL61	MICRO 39TL 1218Z	EUR	0,2600	0,2650	0,2600	455,0000	1	0,2650	1750				
Certificate	DE000CP06XZ5	MICRO 40TL OPENC	EUR	0,1600	0,1600	0,1600			0,1600					
Certificate	DE000CJ3N4J5	MICRO 41TL 1218Z	EUR											
Certificate	DE000CP06Y05	MICRO 44TS OPENC	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	DE000CP06Y13	MICRO 50TS OPENC	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	DE000CP06Y21	MICRO 55TS OPENC	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CV8B003	MICRO30.56TL OPENZ	EUR	0,9650	0,9650	0,9650			0,9650					
Certificate	DE000CV8BDE7	MICRO35.59TL OPENZ	EUR	0,5300	0,5350	0,5000	206,0000	2	0,5350	400				
Certificate	DE000CV8A6F4	MICRO40.65TL OPENZ	EUR	0,1400	0,1400	0,0800	11867,0000	5	0,1050	92800				
Certificate	DE000CJ3N1K0	MITRA13.84TL OPENZ	EUR	2,3950	2,3950	2,3950			2,3950					
Certificate	DE000CV8BD8E	MITRA15.84TL OPENZ	EUR	2,0350	2,0350	2,0350			2,0350					
Certificate	DE000CV8BDF5	MITRA17.87TL OPENZ	EUR	1,6500	1,6650	1,6500	4290,0000	3	1,6650	2600				
Certificate	NL0013007222	MITRA18.99TL OPENB	EUR	1,6650	1,6650	1,4750			1,4750					
Certificate	DE000CV8BDG3	MITRA19.79TL OPENZ	EUR	1,3900	1,3900	1,2900	4120,0000	2	1,3150	3000				
Certificate	NL0013007230	MITRA20.99TL OPENB	EUR	1,3050	1,3050	1,0150	309,0000	1	1,1150	300				
Certificate	DE000CV8BDH1	MITRA21.81TL OPENZ	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	NL0013009723	MITRA22.99TL OPENB	EUR	0,9450	0,9450	0,7550			0,7550					
Certificate	DE000CJ3N8Z3	MITRA23.81TL OPENZ	EUR	0,7200	0,8300	0,5750	2398,0000	4	0,5750	3400				
Certificate	DE000CJ3N3N0	MITRA23.81TL OPENZ	EUR											
Certificate	NL0013011737	MITRA24.99TL OPENB	EUR											
Certificate	NL0013012271	MITRA25.97TS OPENB	EUR											
Certificate	NL0013010192	MITRA25.99TS OPENB	EUR											
Certificate	NL0013004971	MITRA29.97TS OPENB	EUR	1,5750	1,7550	1,5750			1,7550					
Certificate	NL0012999395	MITRA33.93TS OPENB	EUR	2,4550	2,6350	2,4550			2,6350					
Certificate	NL0012999403	MITRA37.93TS OPENB	EUR	3,3350	3,5150	3,3350			3,5150					
Certificate	DE000CV87WA8	MKS 1.96TL OPENZ	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CJ3NU99	MKS 2.14TL OPENZ	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	DE000CV509G9	MKS 2.46TL OPENZ	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	DE000CV4YYC8	MKS 2.48TL OPENZ	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	DE000CN6UE7	MLXIS 49.6TL OPENZ	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000CD61VC9	MLXIS 53.6TL OPENZ	EUR	1,0400	1,0400	0,9600	2496,0000	2	0,9600	2400				
Certificate	DE000CE6FC16	MLXIS101.2TS OPENZ	EUR	3,8700	3,8700	3,8700			3,8700					
Certificate	DE000CV87SM1	MLXIS111.2TS OPENZ	EUR											
Certificate	DE000CR9R9L4	MLXIS35.06TL OPENZ	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	DE000CR9RYW5	MLXIS38.38TL OPENZ	EUR	0,6150	0,6150	0,6150			0,6150					
Certificate	DE000CN6KAK5	MLXIS45.43TL OPENZ	EUR	1,7300	1,7600	1,7300	865,0000	1	1,7600	500				
Certificate	NL0013008741	MLXIS51.21BL OPENB	EUR	1,5000	1,5000	1,3100			1,3100					
Certificate	NL0013006141	MLXIS54.21BL OPENB	EUR	1,2000	1,2000	1,0100			1,0100					
Certificate	NL0012997613	MLXIS57.22BL OPENB	EUR	0,9000	0,9000	0,7100			0,7100					
Certificate	DE000CD63SY5	MLXIS57.58TL OPENZ	EUR	0,5700	0,6300	0,5400	8245,0800	8	0,5400	13828				
Certificate	NL0013011364	MLXIS60.21BL OPENB	EUR	0,6000	0,6000	0,4100	450,0000	1	0,4100	1000				
Certificate	NL0013004781	MLXIS68.65BS OPENB	EUR	0,6000	0,7700	0,6000			0,7700					
Certificate	DE000CJ3NUF0	MLXIS73.29TS OPENZ	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	NL0012995617	MLXIS74.64BS OPENB	EUR	1,1900	1,3600	1,1900			1,3600					
Certificate	NL0012993059	MLXIS80.62BS OPENB	EUR	1,7900	1,9600	1,7900			1,9600					
Certificate	DE000CV8B987	MLXIS81.28TS OPENZ	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	DE000CV89T38	MLXIS81.98TS OPENZ	EUR											
Certificate	NL0012993067	MLXIS86.59BS OPENB	EUR	2,3900	2,5600	2,3900			2,5600					
Certificate	DE000CV89QX8	MLXIS91.25TS OPENZ	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	DE000CX00R34	MNST 30.92TL OPENC	EUR											
Certificate	DE000CX00R26	MNST 34.35TL OPENC	EUR											
Certificate	DE000CX00R18	MNST 37.79TL OPENC	EUR											
Certificate	DE000CX01Z25	MNST 62.53TS OPENC	EUR											
Certificate	DE000CN6I0D2	MODLZ33.22TL OPENZ	EUR	6,9700	6,9700	6,9700			6,9700					
Certificate	DE000CJ3N641	MONC 23.41TL OPENZ	EUR	0,8700	0,8700	0,8700			0,8700					
Certificate	DE000CJ3NVL6	MONC 26.91TL OPENZ	EUR	0,5700	0,5700	0,5400	43690,0000	4	0,5400	78000				
Certificate	DE000CV8AUS3	MONC 31.39TL OPENZ	EUR											
Certificate	NL0000696565	MOOIV PI OPENN	EUR	18,9800	18,9800	18,9000			18,9000					
Certificate	DE000CE6CKV2	MORPH56.62TL OPENZ	EUR	2,9400	3,0000	2,9400	954,0000	2	2,9850	320				
Certificate	DE000CE6ENQ9	MORPH63.67TL OPENZ	EUR	2,0900	2,2850	2,0900	940,5000	1	2,2850	450				
Certificate	DE000CE6F1A9	MORPH71.62TL OPENZ	EUR	1,4000	1,4950	1,4000	1175,2000	3	1,4950	835				
Certificate	DE000CV87QA0	MORPH74.42TL OPENZ	EUR	1,2250	1,2250	1,2250			1,2250					
Certificate	DE000CV8AYC9	MSOFT 85TL 1018Z	EUR	1,0450	1,0450	1,0450			1,0450					
Certificate	DE000CP06UN7	MSOFT 110TS OPENC	EUR											
Certificate	DE000CP06UP2	MSOFT 115TS OPENC	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	DE000CP06164	MSOFT 115TS OPENC	EUR											
Certificate	DE000CP07B68	MSOFT 115TS OPENC	EUR	1,0500	1,0500	1,0500			1,0500					



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	DE000CQ5BVX2	MSOFT 115TS OPENC	EUR											
Certificate	DE000CQ58J42	MSOFT 120TS OPENC	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000CQ58EL3	MSOFT 120TS OPENC	EUR	0,9000	0,9000	0,9000				0,9000				
Certificate	DE000CP6MM6	MSOFT 125TS OPENC	EUR	1,4400	1,4400	1,4400				1,4400				
Certificate	DE000CP6PT4	MSOFT 125TS OPENC	EUR	1,9600	1,9600	1,9600				1,9600				
Certificate	DE000CP6G227	MSOFT 130TS OPENC	EUR	2,4000	2,4000	2,4000				2,4000				
Certificate	DE000CP6I172	MSOFT 130TS OPENC	EUR	1,8600	1,8600	1,8600				1,8600				
Certificate	NL0009069301	MSOFT 9.2TL OPENB	EUR	87,4100	87,4100	87,4100				87,4100				
Certificate	NL0009173210	MSOFT 14.4TL OPENB	EUR	83,1500	83,1500	83,1500				83,1500				
Certificate	NL0010520151	MSOFT 30.5TL OPENB	EUR	70,1200	70,1200	70,1200				70,1200				
Certificate	NL0011052402	MSOFT 34.6TL OPENH	EUR	67,9800	67,9800	66,7400				66,7400				
Certificate	NL0011043013	MSOFT 35.1TL OPENH	EUR	67,5200	67,5200	66,2900				66,2900				
Certificate	NL0010658969	MSOFT 37.8TL OPENB	EUR	64,1800	64,1800	64,1800				64,1800				
Certificate	NL0011432307	MSOFT 41.8TL OPENB	EUR	60,9400	60,9400	60,9400				60,9400				
Certificate	NL0011908140	MSOFT 51.5TL OPENB	EUR	53,0800	53,0800	53,0800				53,0800				
Certificate	NL0012025613	MSOFT 57.1TL OPENB	EUR	48,5600	48,5600	48,5600				48,5600				
Certificate	NL0013006299	MSOFT115.9BS OPENB	EUR	6,5550	6,5550	6,5550				6,5550				
Certificate	NL0012786107	MSOFT117.4TS OPENB	EUR	15,7850	15,7850	15,7850				15,7850				
Certificate	NL0012981492	MSOFT127.5BS OPENB	EUR	16,6650	16,6650	16,6650				16,6650				
Certificate	NL0012983076	MSOFT129.1TS OPENB	EUR	26,7850	26,7850	26,7850				26,7850				
Certificate	NL0013004799	MSOFT140.2BS OPENB	EUR	27,7650	27,7650	27,7650				27,7650				
Certificate	DE000CF801L0	MSOFT36.35TL OPENC	EUR	6,1600	6,1600	6,1600				6,1600				
Certificate	NL0011447529	MSOFT42.43BL OPENB	EUR	58,2700	58,2700	58,2700				58,2700				
Certificate	DE000CD62JN9	MSOFT58.94TL OPENZ	EUR	43,5400	43,5400	43,5400				43,5400				
Certificate	DE000CD618Z0	MUENCI113.1TL OPENZ	EUR	7,3500	7,3500	7,3500				7,3500				
Certificate	NL0011225701	MUENCI113.6TL OPENH	EUR	7,8700	8,0600	7,8700				8,0600				
Certificate	DE000CR9P841	MUENCI129.1TL OPENZ	EUR	5,7500	5,7500	5,7500				5,7500				
Certificate	NL0011225693	MUENCI130.6TL OPENH	EUR	6,2900	6,4700	6,2900				6,4700				
Certificate	NL0011927934	MUENCI134.1TL OPENH	EUR	5,9500	6,1400	5,9500				6,1400				
Certificate	NL0011935648	MUENCI144.4TL OPENH	EUR	5,0000	5,1800	5,0000				5,1800				
Certificate	DE000CD62LBO	MUENCI146.9TL OPENZ	EUR	3,9700	3,9700	3,9700				3,9700				
Certificate	NL0011978960	MUENCI149.3TL OPENH	EUR	4,5300	4,7200	4,5300				4,7200				
Certificate	NL0011988969	MUENCI154.6TL OPENH	EUR	4,0300	4,2200	4,0300				4,2200				
Certificate	NL0012179022	MUENCI159.7TL OPENH	EUR	3,5600	3,7500	3,5600				3,7500				
Certificate	NL0012516181	MUENCI164.7TL OPENH	EUR	3,0900	3,2800	3,0900				3,2800				
Certificate	DE000CE6E202	MUENCI166.7TL OPENZ	EUR	2,0000	2,0000	2,0000				2,0000				
Certificate	NL0012591838	MUENCI174.8TL OPENH	EUR	2,1500	2,3300	2,1500				2,3300				
Certificate	NL0012899470	MUENCI179.7TL OPENH	EUR	1,6900	1,8800	1,6900				1,8800				
Certificate	NL0012903926	MUENCI184.6TL OPENH	EUR											
Certificate	DE000CE6CDU6	NASDA LEVOPENZ	EUR	11,6500	11,6500	11,4800				11,4800				
Certificate	DE000CE6CDW2	NASDA LEVOPENZ	EUR	19,5750	19,5750	16,4900				16,4900				
Certificate	DE000CE6CDV4	NASDA LEVOPENZ	EUR	22,4900	22,4900	20,7400				20,7400				
Certificate	DE000CE6CDY8	NASDA SHROPENZ	EUR	0,0630	0,0720	0,0630				0,0720				
Certificate	DE000CE6CDX0	NASDA SHROPENZ	EUR	1,2150	1,3090	1,2150				1,3090				
Certificate	NL0011411582	NASDA 2980TL OPENH	EUR	38,3000	38,3000	38,3000				38,3000				
Certificate	NL0011411558	NASDA 3770TL OPENH	EUR	31,8300	31,8300	31,8300				31,8300				
Certificate	NL0011411541	NASDA 3930TL OPENH	EUR	30,5400	30,5400	30,5400				30,5400				
Certificate	NL0011411533	NASDA 4090TL OPENH	EUR	29,2500	29,2500	29,2500				29,2500				
Certificate	DE0005437446	NASDAQ PI OPENN	EUR	62,9900	62,9900	62,9900				62,9900				
Certificate	NL0009565852	NASDAQ 1780TL OPENB	EUR	47,6400	47,6400	47,6400				47,6400				
Certificate	NL0009667161	NASDAQ 2040TL OPENB	EUR	45,5600	45,5600	45,5600				45,5600				
Certificate	NL0010126223	NASDAQ 2520TL OPENB	EUR	41,6200	41,6200	41,6200				41,6200				
Certificate	NL0010255592	NASDAQ 2630TL OPENB	EUR	40,6900	40,6900	40,6900				40,6900				
Certificate	NL0010380721	NASDAQ 2880TL OPENB	EUR	38,6500	38,6500	38,6500				38,6500				
Certificate	NL0010445714	NASDAQ 3140TL OPENB	EUR	36,5200	36,5200	36,5200				36,5200				
Certificate	NL0010518056	NASDAQ 3280TL OPENB	EUR	35,3000	35,3000	35,3000				35,3000				
Certificate	DE000CZ7DN84	NASDAQ 3399TL OPENZ	EUR	34,1250	34,1250	33,1850				33,1850				
Certificate	NL0010523825	NASDAQ 3510TL OPENB	EUR	33,4400	33,4400	33,4400				33,4400				
Certificate	DE000CF80D19	NASDAQ 3514TL OPENC	EUR	30,2300	30,2300	30,2300				30,2300				
Certificate	NL0010655759	NASDAQ 3630TL OPENB	EUR	32,4700	32,4700	32,4700				32,4700				
Certificate	DE000CZ7DY65	NASDAQ 3679TL OPENZ	EUR	31,7250	31,7250	30,7850				30,7850				
Certificate	NL0010657540	NASDAQ 3750TL OPENB	EUR	31,4700	31,4700	31,4700				31,4700				
Certificate	DE000CR1HPW1	NASDAQ 3958TL OPENZ	EUR	29,3400	29,3400	28,3950				28,3950				
Certificate	DE000CX00L30	NASDAQ 4000TL OPENC	EUR	25,7500	25,7500	25,7500				25,7500				
Certificate	DE000CR1HML1	NASDAQ 4096TL OPENZ	EUR	27,5950	27,5950	26,6550				26,6550				
Certificate	DE000CX0KXG6	NASDAQ 4200TL OPENC	EUR	24,1100	24,1100	24,1100				24,1100				
Certificate	DE000CR9RY64	NASDAQ 4233TL OPENZ	EUR	26,9850	26,9850	26,0350				26,0350				
Certificate	DE000CN6JT63	NASDAQ 4429TL OPENZ	EUR	24,6950	24,6950	23,7550				23,7550				
Certificate	DE000CN6K776	NASDAQ 4449TL OPENZ	EUR	25,1300	25,1300	24,1750				24,1750				
Certificate	DE000CX0KXH4	NASDAQ 4500TL OPENC	EUR	21,2900	21,2900	21,2900				21,2900				
Certificate	DE000CX59BZ4	NASDAQ 4500TL OPENC	EUR	21,9400	21,9400	21,9400				21,9400				
Certificate	DE000CY0AL55	NASDAQ 4500TL OPENC	EUR	21,5200	21,5200	21,5200				21,5200				



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	DE000CX59H69	NASDQ 4500TL OPENC	EUR	21,4700	21,4700	21,4700			21,4700					
Certificate	DE000CX59NQ8	NASDQ 4500TL OPENC	EUR	21,4800	21,4800	21,4800			21,4800					
Certificate	DE000CX592Y6	NASDQ 4500TL OPENC	EUR	21,5100	21,5100	21,5100			21,5100					
Certificate	DE000CN6K7Z7	NASDQ 4537TL OPENZ	EUR	23,7500	23,7500	22,8150			22,8150					
Certificate	NL0012023865	NASDQ 4540TL OPENB	EUR	23,9350	23,9350	23,9350			23,9350					
Certificate	DE000CX0KZU2	NASDQ 4600TL OPENC	EUR	20,3800	20,3800	20,3800			20,3800					
Certificate	DE000CX59C07	NASDQ 4600TL OPENC	EUR	21,0000	21,0000	21,0000			21,0000					
Certificate	DE000CD61U47	NASDQ 4643TL OPENZ	EUR	22,8300	22,8300	21,8800			21,8800					
Certificate	DE000CD61W45	NASDQ 4662TL OPENZ	EUR	23,3050	23,3050	22,3550			22,3550					
Certificate	DE000CX59R55	NASDQ 4700TL OPENC	EUR	20,2200	20,2200	20,2200			20,2200					
Certificate	DE000CX59LY6	NASDQ 4700TL OPENC	EUR	19,6000	19,6000	19,6000			19,6000					
Certificate	NL0012028021	NASDQ 47298L OPENB	EUR	21,2450	21,2450	21,2450			21,2450					
Certificate	NL0012023881	NASDQ 4750TL OPENB	EUR	22,1250	22,1250	22,1250			22,1250					
Certificate	DE000CD61V79	NASDQ 4750TL OPENZ	EUR	21,9000	21,9000	20,9600			20,9600					
Certificate	DE000CY0AL63	NASDQ 4800TL OPENC	EUR	18,7300	18,7300	18,7300			18,7300					
Certificate	DE000CY0ALR8	NASDQ 4800TL OPENC	EUR	19,3600	19,3600	19,3600			19,3600					
Certificate	NL0012028385	NASDQ 4850TL OPENB	EUR	21,2350	21,2350	21,2350			21,2350					
Certificate	DE000CD626N9	NASDQ 4856TL OPENZ	EUR	20,9800	20,9800	20,0350			20,0350					
Certificate	DE000CD62A24	NASDQ 4876TL OPENZ	EUR	21,4750	21,4750	20,5150			20,5150					
Certificate	DE000CY0ASV5	NASDQ 4900TL OPENC	EUR	17,9100	17,9100	17,9100			17,9100					
Certificate	DE000CD628P0	NASDQ 4961TL OPENZ	EUR	20,0600	20,0600	19,1100			19,1100					
Certificate	DE000CY0AV61	NASDQ 5000TL OPENC	EUR	17,6500	17,6500	17,6500			17,6500					
Certificate	DE000CY0ASW3	NASDQ 5000TL OPENC	EUR	16,9900	16,9900	16,9900			16,9900					
Certificate	DE000CD62DX1	NASDQ 5067TL OPENZ	EUR	19,1400	19,1400	18,1900			18,1900					
Certificate	DE000CD641T5	NASDQ 5086TL OPENZ	EUR	19,6750	19,6750	18,7150			18,7150					
Certificate	DE000CY0AZY4	NASDQ 5100TL OPENC	EUR	16,7100	16,7100	16,7100			16,7100					
Certificate	DE000CJ3N6B8	NASDQ 5150TL 1218Z	EUR	18,5200	18,5200	17,5800			17,5800					
Certificate	DE000CD632X2	NASDQ 5171TL OPENZ	EUR	18,2350	18,2350	17,2850			17,2850					
Certificate	DE000CY16CU1	NASDQ 5200TL OPENC	EUR	15,8400	15,8400	15,8400			15,8400					
Certificate	DE000CY16BL2	NASDQ 5200TL OPENC	EUR	15,1700	15,1700	15,1700			15,1700					
Certificate	NL0012107114	NASDQ 52168L OPENB	EUR	17,0150	17,0150	17,0150			17,0150					
Certificate	NL0012107924	NASDQ 52708L OPENB	EUR	16,5450	16,5450	16,5450			16,5450					
Certificate	DE000CD64CC3	NASDQ 5275TL OPENZ	EUR	17,3350	17,3350	16,3850			16,3850					
Certificate	DE000CD64EL0	NASDQ 5295TL OPENZ	EUR	17,8850	17,8850	16,9250			16,9250					
Certificate	DE000CY16H78	NASDQ 5300TL OPENC	EUR	14,9500	14,9500	14,9500			14,9500					
Certificate	DE000CD64F50	NASDQ 5378TL OPENZ	EUR	16,4300	16,4300	15,4800			15,4800					
Certificate	DE000CY16UH0	NASDQ 5400TL OPENC	EUR	13,4500	13,4500	13,4500			13,4500					
Certificate	DE000CY16TW1	NASDQ 5400TL OPENC	EUR	14,1500	14,1500	14,1500			14,1500					
Certificate	NL0012112486	NASDQ 54308L OPENB	EUR	15,1450	15,1450	15,1450			15,1450					
Certificate	NL0013082332	NASDQ 5452TRLOPENH	EUR	14,7700	14,7700	14,7700			14,7700					
Certificate	DE000CE6BHP9	NASDQ 5481TL OPENZ	EUR	15,5350	15,5350	14,5850			14,5850					
Certificate	NL0012114540	NASDQ 54838L OPENB	EUR	14,6850	14,6850	14,6850			14,6850					
Certificate	DE000CY16XY9	NASDQ 5500TL OPENC	EUR	12,5300	12,5300	12,5300			12,5300					
Certificate	DE000CY50446	NASDQ 5500TL OPENC	EUR	13,3000	13,3000	13,3000			13,3000					
Certificate	DE000CE6BN66	NASDQ 5505TL OPENZ	EUR	16,0850	16,0850	15,1250			15,1250					
Certificate	DE000CE6BMX3	NASDQ 5584TL OPENZ	EUR	14,6400	14,6400	13,6900			13,6900					
Certificate	NL0012260889	NASDQ 5590TL OPENB	EUR	15,0350	15,0350	15,0350			15,0350					
Certificate	DE000CY50KQ1	NASDQ 5600TL OPENC	EUR	12,4900	12,4900	12,4900			12,4900					
Certificate	DE000CY50K88	NASDQ 5600TL OPENC	EUR	11,7600	11,7600	11,7600			11,7600					
Certificate	NL0013081532	NASDQ 5600TL OPENH	EUR	14,4000	14,4000	14,4000			14,4000					
Certificate	DE000V19VUP2	NASDQ 5673TL OPENV	EUR	12,1150	12,1150	12,1150			12,1150					
Certificate	NL0012898613	NASDQ 5676TRLOPENH	EUR	12,8200	12,8200	12,8200			12,8200					
Certificate	DE000CE6CH55	NASDQ 5687TL OPENZ	EUR	13,7500	13,7500	12,8000			12,8000					
Certificate	DE000CY50LK2	NASDQ 5700TL OPENC	EUR	10,8700	10,8700	10,8700			10,8700					
Certificate	DE000CY50MJ2	NASDQ 5700TL OPENC	EUR	11,6000	11,6000	11,6000			11,6000					
Certificate	DE000CE6CJF4	NASDQ 5713TL OPENZ	EUR	14,3050	14,3050	13,3450			13,3450					
Certificate	NL0012265870	NASDQ 5740TL OPENB	EUR	13,7150	13,7150	13,7150			13,7150					
Certificate	NL0012265284	NASDQ 57498L OPENB	EUR	12,3650	12,3650	12,3650			12,3650					
Certificate	DE000CV8AC54	NASDQ 5750TL 1218Z	EUR	13,3200	13,3200	12,3700			12,3700					
Certificate	NL0013083694	NASDQ 5751TRLOPENH	EUR	12,1700	12,1700	12,1700			12,1700					
Certificate	DE000CE6CKR7	NASDQ 5789TL OPENZ	EUR	12,8600	12,8600	11,9100			11,9100					
Certificate	DE000CY51824	NASDQ 5800TL OPENC	EUR	10,0600	10,0600	10,0600			10,0600					
Certificate	DE000CY517M7	NASDQ 5800TL OPENC	EUR	10,8000	10,8000	10,8000			10,8000					
Certificate	DE000CY50GK2	NASDQ 5800TS OPENC	EUR											
Certificate	NL0013083686	NASDQ 5801TRLOPENH	EUR	11,7300	11,7300	11,7300			11,7300					
Certificate	NL0012266852	NASDQ 58038L OPENB	EUR	11,9050	11,9050	11,9050			11,9050					
Certificate	NL0012276992	NASDQ 5840TL OPENB	EUR	12,9050	12,9050	12,9050			12,9050					
Certificate	NL0013083678	NASDQ 5851TRLOPENH	EUR	11,3000	11,3000	11,3000			11,3000					
Certificate	NL0012898258	NASDQ 5864TL OPENH	EUR	12,1200	12,1200	12,1200			12,1200					
Certificate	DE000CE6D8E8	NASDQ 5891TL OPENZ	EUR	11,9750	11,9750	11,0250			11,0250					
Certificate	NL0012277446	NASDQ 5900TL OPENB	EUR	12,3950	12,3950	12,3950			12,3950					
Certificate	DE000CY51LF0	NASDQ 5900TL OPENC	EUR	9,2700	9,2700	9,2700			9,2700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CY51NF6	NASDQ 5900TL OPENC	EUR	10,0300	10,0300	10,0300			10,0300					
Certificate	NL0012277388	NASDQ 5908BL OPENB	EUR	10,9850	10,9850	10,9850			10,9850					
Certificate	DE000CE6DYJ3	NASDQ 5920TL OPENZ	EUR	12,5300	12,5300	11,5650			11,5650					
Certificate	NL0012898605	NASDQ 5927TRLOPENH	EUR	10,6300	10,6300	10,6300			10,6300					
Certificate	DE000CE6DYB0	NASDQ 5993TL OPENZ	EUR	11,0950	11,0950	10,1450			10,1450					
Certificate	NL0012498448	NASDQ 6000TL OPENB	EUR	11,5450	11,5450	11,5450			11,5450					
Certificate	DE000CY52822	NASDQ 6000TL OPENC	EUR	9,1800	9,1800	9,1800			9,1800					
Certificate	NL0013083660	NASDQ 6001TRLOPENH	EUR	9,9900	9,9900	9,9900			9,9900					
Certificate	NL0012491476	NASDQ 6011BL OPENB	EUR	10,0850	10,0850	10,0850			10,0850					
Certificate	NL0013083652	NASDQ 6051TRLOPENH	EUR	9,5500	9,5500	9,5500			9,5500					
Certificate	NL0012499487	NASDQ 6061BL OPENB	EUR	9,6450	9,6450	9,6450			9,6450					
Certificate	DE000CE6EK41	NASDQ 6094TL OPENZ	EUR	10,2150	10,2150	9,2650			9,2650					
Certificate	NL0012925457	NASDQ 6098TL OPENH	EUR	10,1300	10,1300	10,1300			10,1300					
Certificate	DE000CY51WN1	NASDQ 6100TL OPENC	EUR	8,3000	8,3000	8,3000			8,3000					
Certificate	DE000CY51W42	NASDQ 6100TL OPENC	EUR	7,5300	7,5300	7,5300			7,5300					
Certificate	NL0013083645	NASDQ 6101TRLOPENH	EUR	9,1200	9,1200	9,1200			9,1200					
Certificate	DE000CE6F0G8	NASDQ 6128TL OPENZ	EUR	10,7450	10,7450	9,7850			9,7850					
Certificate	NL0012501910	NASDQ 6160TL OPENB	EUR	11,2000	11,2000	10,2050	3360,0000	1	10,2050	300				
Certificate	NL0012504799	NASDQ 6165BL OPENB	EUR	8,7450	8,7450	8,7450			8,7450					
Certificate	NL0012924849	NASDQ 6174TRLOPENH	EUR	8,4800	8,4800	8,4800			8,4800					
Certificate	DE000CE6F1M4	NASDQ 6194TL OPENZ	EUR	9,3450	9,3450	8,3950			8,3950					
Certificate	NL0012505010	NASDQ 6200TL OPENB	EUR	9,8150	9,8150	9,8150			9,8150					
Certificate	NL0012925440	NASDQ 6224TL OPENH	EUR	9,0500	9,0500	9,0500			9,0500					
Certificate	DE000V17G629	NASDQ 6250TL OPENV	EUR	6,7850	6,7850	6,7850			6,7850					
Certificate	NL0013083637	NASDQ 6251TRLOPENH	EUR	7,8100	7,8100	7,8100			7,8100					
Certificate	NL0012507057	NASDQ 6269BL OPENB	EUR	7,8450	7,8450	7,8450			7,8450					
Certificate	LU1840978008	NASDQ 6280TCIOPENS	EUR	7,6000	7,6000	7,6000			7,6000					
Certificate	DE000CE6FBK4	NASDQ 6295TL OPENZ	EUR	8,4700	8,4700	7,5150			7,5150					
Certificate	DE000CQ5AGC9	NASDQ 6300TL OPENC	EUR	6,2600	6,2600	6,2600			6,2600					
Certificate	DE000CQ5AM14	NASDQ 6300TL OPENC	EUR	7,0700	7,0700	7,0700			7,0700					
Certificate	NL0012925432	NASDQ 6300TL OPENH	EUR	8,4000	8,4000	8,4000			8,4000					
Certificate	NL0012508881	NASDQ 6320BL OPENB	EUR	7,3950	7,3950	7,3950			7,3950					
Certificate	NL0012924831	NASDQ 6326TRLOPENH	EUR	7,1600	7,1600	7,1600			7,1600					
Certificate	DE000VA1GKL3	NASDQ 6327TL OPENV	EUR	6,3450	6,3450	6,3450			6,3450					
Certificate	DE000CV50848	NASDQ 6336TL OPENZ	EUR	8,9700	8,9700	8,0050			8,0050					
Certificate	DE000CV8AC62	NASDQ 6350TL 1218Z	EUR	8,1100	8,1100	7,1600			7,1600					
Certificate	NL0012687149	NASDQ 6371BL OPENB	EUR	6,9450	6,9450	6,9450			6,9450					
Certificate	NL0012925424	NASDQ 6376TL OPENH	EUR	7,7500	7,7500	7,7500			7,7500					
Certificate	DE000VA1GKN9	NASDQ 6377TL OPENV	EUR	5,8950	5,8950	5,8950			5,8950					
Certificate	DE000CV50780	NASDQ 6394TL OPENZ	EUR	7,6100	7,6100	6,6500			6,6500					
Certificate	NL0012687453	NASDQ 6400TL OPENB	EUR	8,1450	8,1450	8,1450			8,1450					
Certificate	DE000CQ5AJM2	NASDQ 6400TL OPENC	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	DE000CQ5AM22	NASDQ 6400TL OPENC	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	NL0012924823	NASDQ 6402TRLOPENH	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	NL0012925416	NASDQ 6421TL OPENH	EUR	7,3600	7,3600	7,3600			7,3600					
Certificate	DE000VA1ZE79	NASDQ 6442TL OPENV	EUR	5,4550	5,4550	5,4550			5,4550					
Certificate	NL0012779664	NASDQ 6450TL OPENB	EUR	7,7250	7,7250	7,7250			7,7250					
Certificate	NL0012925408	NASDQ 6451TL OPENH	EUR	7,1000	7,1000	7,1000			7,1000					
Certificate	NL0012924815	NASDQ 6478TRLOPENH	EUR	5,8500	5,8500	5,8500			5,8500					
Certificate	DE000VA1ZEV5	NASDQ 6492TL OPENV	EUR	5,0155	5,0155	5,0155			5,0155					
Certificate	DE000CV50798	NASDQ 6496TL OPENZ	EUR	6,7300	6,7300	5,7750			5,7750					
Certificate	DE000CQ5AXU6	NASDQ 6500TL OPENC	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	DE000CQ5BEW0	NASDQ 6500TL OPENC	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	DE000CQ5AXH3	NASDQ 6500TL OPENC	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	DE000CP07BR6	NASDQ 6500TL OPENC	EUR	6,5200	6,5200	6,5200			6,5200					
Certificate	DE000CP06YG3	NASDQ 6500TL OPENC	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000CQ5BFQ9	NASDQ 6500TL OPENC	EUR	5,6600	5,6600	5,6600			5,6600					
Certificate	NL0012925390	NASDQ 6502TL OPENH	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	NL0012780050	NASDQ 6526BL OPENB	EUR	5,6050	5,6050	5,6050			5,6050					
Certificate	LU1840978180	NASDQ 6541TCIOPENS	EUR	5,3400	5,3400	5,3400			5,3400					
Certificate	NL0012925382	NASDQ 6542TL OPENH	EUR	6,3200	6,3200	6,3200			6,3200					
Certificate	DE000VA1ZEW3	NASDQ 6542TL OPENV	EUR	4,5705	4,5705	4,5705			4,5705					
Certificate	NL0012924807	NASDQ 6554TRLOPENH	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	NL0012925374	NASDQ 6573TL OPENH	EUR	6,0600	6,0600	6,0600			6,0600					
Certificate	NL0012786438	NASDQ 6576BL OPENB	EUR	5,1650	5,1650	5,1650			5,1650					
Certificate	DE000CV88K87	NASDQ 6590TL OPENZ	EUR	6,7950	6,7950	5,8250			5,8250					
Certificate	DE000VA1ZEX1	NASDQ 6592TL OPENV	EUR	4,1275	4,1275	4,1275			4,1275					
Certificate	DE000CV88MH2	NASDQ 6593TL OPENZ	EUR	5,8850	5,8850	4,9350			4,9350					
Certificate	NL0012785653	NASDQ 6600TL OPENB	EUR	6,4950	6,4950	6,4950			6,4950					
Certificate	DE000CQ5AXJ9	NASDQ 6600TL OPENC	EUR	4,7000	4,7000	3,8400	1880,0000	2	3,8400	400				
Certificate	DE000CQ5AXV4	NASDQ 6600TL OPENC	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	NL0012925366	NASDQ 6603TL OPENH	EUR	5,8000	5,8000	5,8000			5,8000					



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	NL0012787261	NASDQ 66278L OPENB	EUR	4,7150	4,7150	4,7150			4,7150					
Certificate	NL0012925358	NASDQ 6628TL OPENH	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	NL0012924799	NASDQ 6630TRLOPENH	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	DE000VA1ZE26	NASDQ 6642TL OPENV	EUR	3,6745	3,6745	3,6745			3,6745					
Certificate	DE000CV8AGC6	NASDQ 6650TL 1218Z	EUR	5,5100	5,5100	4,5650			4,5650					
Certificate	NL0012787535	NASDQ 6650TL OPENB	EUR	6,0750	6,0750	6,0750			6,0750					
Certificate	NL0012925341	NASDQ 6664TL OPENH	EUR	5,2900	5,2900	5,2900			5,2900					
Certificate	NL0012785034	NASDQ 6670TS OPENB	EUR											
Certificate	NL0013010390	NASDQ 66748L OPENB	EUR	4,3050	4,3050	4,3050			4,3050					
Certificate	LU1840978263	NASDQ 6687TCIOPENS	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	DE000VA15NJ3	NASDQ 6693TL OPENV	EUR	3,2185	3,2185	3,2185			3,2185					
Certificate	NL0012925333	NASDQ 6694TL OPENH	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	DE000CV88N92	NASDQ 6694TL OPENZ	EUR	5,0100	5,0100	4,0650			4,0650					
Certificate	DE000CQ58AW8	NASDQ 6700TL OPENC	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	DE000CQ581R2	NASDQ 6700TL OPENC	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	NL0012924781	NASDQ 6706TRLOPENH	EUR	4,0500	4,0500	3,8700	2053,6000	2	3,8700	510				
Certificate	NL0013010408	NASDQ 67248L OPENB	EUR	3,8750	3,8750	3,8750			3,8750					
Certificate	NL0012925325	NASDQ 6724TL OPENH	EUR	4,7700	4,7700	4,7700			4,7700					
Certificate	LU1756866817	NASDQ 6730TCIOPENS	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	NL0013083629	NASDQ 6741TRLOPENH	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	DE000VA15NL9	NASDQ 6743TL OPENV	EUR	2,7755	2,7755	2,7755			2,7755					
Certificate	NL0012925317	NASDQ 6744TL OPENH	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	NL0012788533	NASDQ 6750TL OPENB	EUR	5,2250	5,2250	5,2250			5,2250					
Certificate	NL0012925309	NASDQ 6765TL OPENH	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	NL0013011158	NASDQ 67748L OPENB	EUR	3,4450	3,4450	3,4450			3,4450					
Certificate	NL0012925291	NASDQ 6780TL OPENH	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	NL0012924773	NASDQ 6783TRLOPENH	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	DE000CV88NA5	NASDQ 6795TL OPENZ	EUR	4,1350	4,1350	3,1850			3,1850					
Certificate	DE000CQ581S0	NASDQ 6800TL OPENC	EUR											
Certificate	DE000CQ58AX6	NASDQ 6800TL OPENC	EUR											
Certificate	NL0012924765	NASDQ 6803TRLOPENH	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	NL0012925283	NASDQ 6805TL OPENH	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	NL0012924757	NASDQ 6823TRLOPENH	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	NL0013011166	NASDQ 68248L OPENB	EUR	3,0050	3,0050	3,0050			3,0050					
Certificate	NL0012925275	NASDQ 6825TL OPENH	EUR	3,9000	3,9000	3,9000			3,9000					
Certificate	LU1756867039	NASDQ 6834TCIOPENS	EUR											
Certificate	NL0012924740	NASDQ 6843TRLOPENH	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	DE000CV88U69	NASDQ 6844TL OPENZ	EUR	4,6150	4,6150	3,6450			3,6450					
Certificate	NL0012925267	NASDQ 6846TL OPENH	EUR	3,7300	3,7300	3,7300			3,7300					
Certificate	NL0012788954	NASDQ 6850TL OPENB	EUR	4,8000	4,8000	4,3550	960,0000	1	4,3550	200				
Certificate	DE000VA2T5R0	NASDQ 6855TL OPENV	EUR											
Certificate	NL0012924732	NASDQ 6859TRLOPENH	EUR	2,7300	2,7300	2,5500	409,5000	1	2,5500	150				
Certificate	NL0012925259	NASDQ 6866TL OPENH	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	NL0013011174	NASDQ 68748L OPENB	EUR	2,5750	2,5750	2,5750			2,5750					
Certificate	NL0012925242	NASDQ 6881TL OPENH	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	DE000VA71L79	NASDQ 6881TL OPENV	EUR	2,3655	2,3655	2,3655			2,3655					
Certificate	NL0012924724	NASDQ 6884TRLOPENH	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	DE000CJ3N7S0	NASDQ 6891TL OPENZ	EUR	3,3050	3,3050	2,3550			2,3550					
Certificate	NL0012924716	NASDQ 6898TRLOPENH	EUR											
Certificate	NL0013011471	NASDQ 6900TL OPENB	EUR	2,7450	2,7450	2,7450			2,7450					
Certificate	DE000CQ58EX8	NASDQ 6900TL OPENC	EUR											
Certificate	DE000CP07BS4	NASDQ 6900TL OPENC	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	DE000CP06VB0	NASDQ 6900TL OPENC	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	DE000CQ58FR7	NASDQ 6900TL OPENC	EUR											
Certificate	NL0012925234	NASDQ 6906TL OPENH	EUR											
Certificate	NL0012924708	NASDQ 6919TRLOPENH	EUR											
Certificate	NL0013083611	NASDQ 6921TRLOPENH	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	NL0013011182	NASDQ 69248L OPENB	EUR	2,1350	2,1350	2,1350			2,1350					
Certificate	NL0012925226	NASDQ 6926TL OPENH	EUR											
Certificate	NL0012969406	NASDQ 6930TL OPENB	EUR											
Certificate	DE000VA71L87	NASDQ 6931TL OPENV	EUR	1,9385	1,9385	1,9385			1,9385					
Certificate	NL0012924690	NASDQ 6939TRLOPENH	EUR											
Certificate	NL0013083603	NASDQ 6941TRLOPENH	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	NL0013082324	NASDQ 6943TRLOPENH	EUR	1,6500	1,8500	1,6200	669,0000	2	1,8500	400				
Certificate	NL0012925218	NASDQ 6947TL OPENH	EUR											
Certificate	DE000CJ3N7P6	NASDQ 6950TL 1218Z	EUR	2,9050	2,9050	1,9450			1,9450					
Certificate	NL0013011489	NASDQ 6950TL OPENB	EUR	2,3050	2,3050	2,3050			2,3050					
Certificate	NL0013083009	NASDQ 6950TL OPENH	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	NL0012924682	NASDQ 6954TRLOPENH	EUR											
Certificate	DE000VA2T5T6	NASDQ 6955TL OPENV	EUR											
Certificate	NL0012925689	NASDQ 6966TL OPENH	EUR											
Certificate	NL0013013105	NASDQ 69738L OPENB	EUR	1,7150	1,7150	1,7150			1,7150					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012926851	NASDQ 6974TL OPENH	EUR											
Certificate	DE000CV89DW8	NASDQ 6979TL OPENZ	EUR											
Certificate	NL0012924674	NASDQ 6980TRLOPENH	EUR											
Certificate	NL0012925671	NASDQ 6981TL OPENH	EUR											
Certificate	DE000VA71MA7	NASDQ 6981TL OPENV	EUR	1,5115	1,5115	1,5115			1,5115					
Certificate	NL0013083595	NASDQ 6981TRLOPENH	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	DE000CV89UK7	NASDQ 6985TL OPENZ	EUR											
Certificate	DE000CJ3PCU2	NASDQ 6990TL OPENZ	EUR	1,5050	1,5050	1,5050			1,5050					
Certificate	NL0012927388	NASDQ 6993TL OPENH	EUR											
Certificate	NL0013011497	NASDQ 7000TL OPENB	EUR	2,4800	2,4800	1,8750	1314,4000	1	1,8750		530			
Certificate	DE000CQ58F55	NASDQ 7000TL OPENC	EUR											
Certificate	DE000CQ58EY6	NASDQ 7000TL OPENC	EUR											
Certificate	DE000CQ58P44	NASDQ 7000TL OPENC	EUR											
Certificate	DE000CP07BT2	NASDQ 7000TL OPENC	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	DE000CQ58NN0	NASDQ 7000TL OPENC	EUR											
Certificate	DE000CP06YH1	NASDQ 7000TL OPENC	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	NL0012924666	NASDQ 7000TRLOPENH	EUR											
Certificate	NL0013082316	NASDQ 7000TRSOPENH	EUR											
Certificate	NL0013083587	NASDQ 7001TRLOPENH	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	NL0012925663	NASDQ 7007TL OPENH	EUR											
Certificate	NL0013084940	NASDQ 7020TL OPENH	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	NL0012924658	NASDQ 7020TRLOPENH	EUR											
Certificate	NL0013083579	NASDQ 7021TRLOPENH	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	NL0013013113	NASDQ 7023BL OPENB	EUR	1,9000	1,9000	1,1800	2102,8000	3	1,2750	1400				
Certificate	NL0012927370	NASDQ 7023TL OPENH	EUR											
Certificate	DE000VA71XR8	NASDQ 7032TL OPENV	EUR	1,0915	1,0915	1,0915			1,0915					
Certificate	NL0012924641	NASDQ 7040TRLOPENH	EUR											
Certificate	NL0013083561	NASDQ 7041TRLOPENH	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	NL0013012537	NASDQ 7050TL OPENB	EUR	1,4650	1,4650	1,4650			1,4650					
Certificate	NL0013082308	NASDQ 7050TRSOPENH	EUR											
Certificate	NL0013083553	NASDQ 7051TRLOPENH	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CV880H2	NASDQ 7071TS OPENZ	EUR											
Certificate	NL0013084932	NASDQ 7080TL OPENH	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	NL0013083546	NASDQ 7080TRSOPENH	EUR											
Certificate	DE000VA71XS6	NASDQ 7082TL OPENV	EUR	0,6655	0,6655	0,6655			0,6655					
Certificate	DE000CJ3PCV0	NASDQ 7090TL OPENZ	EUR											
Certificate	DE000CJ3PDJ3	NASDQ 7094TL OPENZ	EUR	1,3850	1,3850	1,3850			1,3850					
Certificate	DE000CV89W17	NASDQ 7098TL OPENZ	EUR											
Certificate	NL0013012545	NASDQ 7100TL OPENB	EUR	1,0350	1,0350	1,0350			1,0350					
Certificate	DE000CQ58NP5	NASDQ 7100TL OPENC	EUR											
Certificate	DE000CQ58P51	NASDQ 7100TL OPENC	EUR											
Certificate	DE000CQ58JM0	NASDQ 7100TL OPENC	EUR											
Certificate	NL0013081094	NASDQ 7100TRSOPENH	EUR											
Certificate	NL0013082910	NASDQ 7102TRLOPENH	EUR	1,3900	1,6600	0,2300	38433,0000	21	0,4800	62450				
Certificate	LU1840975087	NASDQ 7117TPIOPENS	EUR											
Certificate	NL0013083538	NASDQ 7120TRSOPENH	EUR											
Certificate	DE000CJ3N4V1	NASDQ 7121TS OPENZ	EUR											
Certificate	NL0012978928	NASDQ 7127BL OPENB	EUR											
Certificate	NL0013010770	NASDQ 7130TS OPENB	EUR											
Certificate	DE000VA71XT4	NASDQ 7132TL OPENV	EUR											
Certificate	NL0013084585	NASDQ 7140TRLOPENH	EUR											
Certificate	NL0013082514	NASDQ 7140TS OPENH	EUR											
Certificate	NL0013081086	NASDQ 7150TRSOPENH	EUR											
Certificate	DE000CJ3N6C6	NASDQ 7150TS 1218Z	EUR											
Certificate	NL0013082902	NASDQ 7151TRLOPENH	EUR											
Certificate	NL0012980072	NASDQ 7175BL OPENB	EUR											
Certificate	NL0013083520	NASDQ 7180TRSOPENH	EUR											
Certificate	DE000VA71XV0	NASDQ 7182TL OPENV	EUR											
Certificate	DE000CQ58W94	NASDQ 7200TL OPENC	EUR											
Certificate	DE000CQ58UE4	NASDQ 7200TL OPENC	EUR											
Certificate	NL0013084577	NASDQ 7200TRLOPENH	EUR	0,6600	0,6600	0,1500	19136,5200	6	0,1800	31166				
Certificate	DE000CP06VC8	NASDQ 7200TS OPENC	EUR											
Certificate	NL0013081524	NASDQ 7200TS OPENH	EUR											
Certificate	NL0013010481	NASDQ 7213BS OPENB	EUR											
Certificate	NL0013081078	NASDQ 7219TRSOPENH	EUR											
Certificate	NL0013084569	NASDQ 7220TRLOPENH	EUR											
Certificate	NL0013009509	NASDQ 7230TS OPENB	EUR											
Certificate	NL0013083512	NASDQ 7240TRSOPENH	EUR											
Certificate	NL0013082506	NASDQ 7240TS OPENH	EUR											
Certificate	DE000VA71TT2	NASDQ 7265TS OPENV	EUR											
Certificate	NL0012928220	NASDQ 7268TRLOPENH	EUR											
Certificate	NL0013081060	NASDQ 7279TRSOPENH	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013084551	NASDQ 7280TRSOPENH	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	NL0012928212	NASDQ 7288TRLOPENH	EUR											
Certificate	NL0013083504	NASDQ 7300TRSOPENH	EUR											
Certificate	DE000CP06VD6	NASDQ 7300TS OPENC	EUR											
Certificate	NL0013081516	NASDQ 7300TS OPENH	EUR											
Certificate	DE000CJ3N6R4	NASDQ 7303TS OPENZ	EUR											
Certificate	NL0013008535	NASDQ 7313BS OPENB	EUR	0,9300	1,8500	0,9000	27500,5500	15	1,6250	20390				
Certificate	DE000VA71L04	NASDQ 7315TS OPENV	EUR	1,5415	1,5415	1,5415								
Certificate	DE000CJ3N4W9	NASDQ 7320TS OPENZ	EUR											
Certificate	NL0013009517	NASDQ 7330TS OPENB	EUR	2,2350	2,2350	2,2350			2,2350					
Certificate	NL0013081052	NASDQ 7339TRSOPENH	EUR	0,8600	2,0700	0,6300	10387,5000	15	1,7800	11500				
Certificate	NL0013081508	NASDQ 7350TS OPENH	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	LU1840975160	NASDQ 7365TPIOPEN5	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	DE000VA71L20	NASDQ 7365TS OPENV	EUR	1,9685	1,9685	1,9685			1,9685					
Certificate	NL0013083496	NASDQ 7380TRSOPENH	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	DE000CP06VE4	NASDQ 7400TS OPENC	EUR	1,2000	2,3000	1,1900	10215,0000	7	2,3000	7000				
Certificate	DE000CP07BU0	NASDQ 7400TS OPENC	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	NL0013008543	NASDQ 7413BS OPENB	EUR	1,5900	2,7000	1,5850	8991,0000	9	2,4950	3500				
Certificate	DE000VA71L46	NASDQ 7415TS OPENV	EUR	2,3945	2,3945	2,3945			2,3945					
Certificate	NL0013079817	NASDQ 7419TRSOPENH	EUR	1,5100	2,6500	1,3000	3355,0000	3	2,4500	1900				
Certificate	NL0013081490	NASDQ 7420TS OPENH	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	DE000CJ3N7T8	NASDQ 7420TS OPENZ	EUR	1,5150	2,4850	1,4300	6615,0000	4	2,4850	4000				
Certificate	NL0013009525	NASDQ 7430TS OPENB	EUR	2,5200	3,1150	2,5150	1008,0000	1	3,1150	400				
Certificate	NL0013084544	NASDQ 7440TRSOPENH	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	NL0013078520	NASDQ 7448TRSOPENH	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	DE000CJ3N6D4	NASDQ 7450TS 1218Z	EUR	1,7700	2,7150	1,7700			2,7150					
Certificate	DE000VA71L61	NASDQ 7465TS OPENV	EUR	2,8265	2,8265	2,8265			2,8265					
Certificate	NL0013081482	NASDQ 7480TS OPENH	EUR	4,2400	4,2400	4,2400			4,2400					
Certificate	NL0013078173	NASDQ 7498TRSOPENH	EUR	3,2900	3,2900	3,1400	197,4000	1	3,1400	60				
Certificate	DE000CP06VF1	NASDQ 7500TS OPENC	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	DE000CP07BV8	NASDQ 7500TS OPENC	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	NL0013008550	NASDQ 7513BS OPENB	EUR	3,3650	3,3650	3,3650			3,3650					
Certificate	DE000VA7TDT1	NASDQ 7515TS OPENV	EUR	3,2625	3,2625	3,2625			3,2625					
Certificate	DE000CJ3N2J0	NASDQ 7519TS OPENZ	EUR	2,3650	3,3350	2,3650			3,3350					
Certificate	NL0013007131	NASDQ 7530TS OPENB	EUR	3,9950	3,9950	3,9950			3,9950					
Certificate	NL0013078165	NASDQ 7538TRSOPENH	EUR	3,7000	3,7000	3,4900	958,3000	1	3,4900	259				
Certificate	NL0013080005	NASDQ 7550TS OPENH	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	DE000CJ3N6S2	NASDQ 7553TS OPENZ	EUR	3,5700	4,5450	3,5700			4,5450					
Certificate	DE000VA7TA68	NASDQ 7565TS OPENV	EUR	3,6995	3,6995	3,6995			3,6995					
Certificate	NL0013078157	NASDQ 7578TRSOPENH	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	NL0013084536	NASDQ 7600TRSOPENH	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	DE000CP07BW6	NASDQ 7600TS OPENC	EUR	4,9600	4,9600	4,9600			4,9600					
Certificate	DE000CP069T5	NASDQ 7600TS OPENC	EUR											
Certificate	DE000CP069C1	NASDQ 7600TS OPENC	EUR											
Certificate	DE000CP06YJ7	NASDQ 7600TS OPENC	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	NL0013079130	NASDQ 7600TS OPENH	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	NL0013006869	NASDQ 7613BS OPENB	EUR	4,2350	4,2350	4,2350			4,2350					
Certificate	DE000VA7TA76	NASDQ 7615TS OPENV	EUR	4,1345	4,1345	4,1345			4,1345					
Certificate	DE000CJ3N0L0	NASDQ 7619TS OPENZ	EUR	3,2250	4,1950	3,2250	19,9500	1	4,1950	5				
Certificate	NL0013006463	NASDQ 7630TS OPENB	EUR	4,8750	4,8750	4,8750			4,8750					
Certificate	NL0013078140	NASDQ 7638TRSOPENH	EUR	4,3600	4,3600	4,3600			4,3600					
Certificate	DE000VA7PW44	NASDQ 7665TS OPENV	EUR	4,5695	4,5695	4,5695			4,5695					
Certificate	LU1840975244	NASDQ 7675TPIOPEN5	EUR	4,6800	4,6800	4,6800			4,6800					
Certificate	NL0012924997	NASDQ 7699TS OPENH	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	NL0012890362	NASDQ 7701TRSOPENH	EUR	3,9600	4,8900	3,9600	1980,0000	1	4,8900	500				
Certificate	NL0012980098	NASDQ 7712BS OPENB	EUR	5,2700	5,1050	5,1050	527,0000	1	5,1050	100				
Certificate	DE000CV4Z956	NASDQ 7718TS OPENZ	EUR	4,0800	5,0500	3,9300	23700,0000	3	5,0500	6000				
Certificate	NL0012890354	NASDQ 7721TRSOPENH	EUR	5,0600	5,0600	5,0600			5,0600					
Certificate	NL0012924989	NASDQ 7729TS OPENH	EUR	6,4600	6,4600	6,4600			6,4600					
Certificate	NL0012924377	NASDQ 7730TRSOPENH	EUR	5,1500	5,1500	5,1500			5,1500					
Certificate	NL0013005416	NASDQ 7730TS OPENB	EUR	5,7550	5,7550	5,7550			5,7550					
Certificate	DE000VA2T5M1	NASDQ 7741TS OPENV	EUR	4,3480	5,0055	4,3480	313,8700	2	5,0055	70				
Certificate	DE000CJ3N2I1	NASDQ 7750TS 1218Z	EUR	4,2850	5,2500	4,2850			5,2500					
Certificate	NL0012890347	NASDQ 7761TRSOPENH	EUR	5,4200	5,4200	5,4200			5,4200					
Certificate	NL0012900658	NASDQ 7777TS OPENH	EUR	6,8800	6,8800	6,8800			6,8800					
Certificate	NL0012892962	NASDQ 7783TRSOPENH	EUR	5,6000	5,6000	5,6000			5,6000					
Certificate	DE000VA2T5N9	NASDQ 7791TS OPENV	EUR	5,4350	5,4350	5,4350			5,4350					
Certificate	DE000CQ5BFU1	NASDQ 7800TS OPENC	EUR	6,2900	6,2900	6,2900			6,2900					
Certificate	DE000CQ5AC81	NASDQ 7800TS OPENC	EUR	5,2000	5,2000	5,0000	104,0000	1	5,0000	20				
Certificate	DE000CQ5BQE2	NASDQ 7800TS OPENC	EUR	4,5500	5,4600	4,5500	3412,5000	1	5,4600	750				
Certificate	DE000CV4YU90	NASDQ 7803TS OPENZ	EUR	5,7850	6,7550	5,7850			6,7550					
Certificate	NL0012924971	NASDQ 7804TS OPENH	EUR	7,1200	7,1200	7,1200			7,1200					



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	NL0012924369	NASDQ 7805TRSOPENH	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	NL0012983860	NASDQ 7812BS OPENB	EUR	5,5400	5,9750	5,4550	10456,0000	2	5,9750	1900				
Certificate	DE000CV4ZB19	NASDQ 7821TS OPENZ	EUR	4,9650	5,9400	4,9650			5,9400					
Certificate	NL0012900856	NASDQ 7830TRSOPENH	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	NL0012984041	NASDQ 7830TS OPENB	EUR	8,0850	8,0850	8,0850			8,0850					
Certificate	NL0012894018	NASDQ 7833TS OPENH	EUR	7,3800	7,3800	7,3800			7,3800					
Certificate	DE000VA2T5P4	NASDQ 7841TS OPENV	EUR	5,8750	5,8750	5,8750			5,8750					
Certificate	NL0012892954	NASDQ 7863TRSOPENH	EUR	6,2800	6,2800	6,2800			6,2800					
Certificate	NL0012894000	NASDQ 7873TS OPENH	EUR	7,7400	7,7400	7,7400			7,7400					
Certificate	NL0012892947	NASDQ 7883TRSOPENH	EUR	6,4600	6,4600	6,4600			6,4600					
Certificate	DE000VA4RNH6	NASDQ 7885TS OPENV	EUR	6,3150	6,3150	6,3150			6,3150					
Certificate	NL0012893994	NASDQ 7893TS OPENH	EUR	7,9200	7,9200	7,9200			7,9200					
Certificate	NL0012892939	NASDQ 7903TRSOPENH	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	NL0012892921	NASDQ 7923TRSOPENH	EUR	6,7900	6,7900	6,7900			6,7900					
Certificate	DE000CV4ZJG7	NASDQ 7923TS OPENZ	EUR	5,8500	6,8200	5,8500			6,8200					
Certificate	NL0012924963	NASDQ 7929TS OPENH	EUR	7,2100	8,3200	7,2100	3882,5000	2	8,2300	500				
Certificate	NL0012676852	NASDQ 7930TS OPENB	EUR	9,0150	9,0150	9,0150			9,0150					
Certificate	DE000VA3EB68	NASDQ 7938TS OPENV	EUR	6,7550	6,7550	6,7550			6,7550					
Certificate	NL0012924351	NASDQ 7955TRSOPENH	EUR	7,0900	7,0900	7,0900			7,0900					
Certificate	NL0012893986	NASDQ 7973TS OPENH	EUR	8,6300	8,6300	8,6300			8,6300					
Certificate	NL0012892913	NASDQ 7982TRSOPENH	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	NL0012893978	NASDQ 7993TS OPENH	EUR	8,8100	8,8100	8,8100			8,8100					
Certificate	DE000CP063E0	NASDQ 8000TS OPENC	EUR	8,3600	8,3600	8,3600			8,3600					
Certificate	DE000CV52GG6	NASDQ 8000TS OPENC	EUR	7,5300	7,5300	7,5300			7,5300					
Certificate	DE000CQ5BUG9	NASDQ 8000TS OPENC	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	DE000CV52S88	NASDQ 8000TS OPENC	EUR	6,4500	6,4500	6,4500			6,4500					
Certificate	DE000CV4Z9X6	NASDQ 8001TS OPENZ	EUR	7,5300	8,5050	7,5300			8,5050					
Certificate	NL0012893457	NASDQ 8003TRSOPENH	EUR	7,4700	7,4700	7,4700			7,4700					
Certificate	NL0012677405	NASDQ 8006BS OPENB	EUR	6,6500	7,8650	6,6450	3627,5000	2	7,6550	500				
Certificate	NL0012894562	NASDQ 8014TS OPENH	EUR	8,9900	8,9900	8,9900			8,9900					
Certificate	DE000CV4ZKZ5	NASDQ 8025TS OPENZ	EUR	6,7400	7,7100	6,7400			7,7100					
Certificate	LU1790486127	NASDQ 8027TPIOPENS	EUR	7,2200	7,2200	7,2200			7,2200					
Certificate	NL0012992481	NASDQ 8030TS OPENB	EUR	9,8950	9,8950	9,8950			9,8950					
Certificate	NL0012892905	NASDQ 8032TRSOPENH	EUR	7,7600	7,7600	7,7600			7,7600					
Certificate	DE000VA4YRX0	NASDQ 8034TS OPENV	EUR	7,6150	7,6150	7,6150			7,6150					
Certificate	NL0012893960	NASDQ 8043TS OPENH	EUR	9,2500	9,2500	9,2500			9,2500					
Certificate	DE000CV8AC88	NASDQ 8050TS 1218Z	EUR	6,8400	7,8200	6,8400			7,8200					
Certificate	NL0012894554	NASDQ 8074TS OPENH	EUR	9,5300	9,5300	9,5300			9,5300					
Certificate	NL0013079544	NASDQ 8078TRSOPENH	EUR	8,1300	8,1300	8,1300			8,1300					
Certificate	NL0012892897	NASDQ 8082TRSOPENH	EUR	8,2000	8,2000	8,2000			8,2000					
Certificate	DE000VA4YRY8	NASDQ 8084TS OPENV	EUR	8,0550	8,0550	8,0550			8,0550					
Certificate	NL0012893952	NASDQ 8093TS OPENH	EUR	9,6900	9,6900	9,6900			9,6900					
Certificate	NL0012992226	NASDQ 8106BS OPENB	EUR	8,5350	8,5350	8,5350			8,5350					
Certificate	NL0012894547	NASDQ 8114TS OPENH	EUR	9,8800	9,8800	9,8800			9,8800					
Certificate	NL0012993406	NASDQ 8120TS OPENB	EUR	10,7050	10,7050	10,7050			10,7050					
Certificate	DE000CV4ZPF6	NASDQ 8127TS OPENZ	EUR	7,6200	8,6000	7,6200			8,6000					
Certificate	NL0012892889	NASDQ 8132TRSOPENH	EUR	8,6300	8,6300	8,6300			8,6300					
Certificate	DE000VA4Y1M1	NASDQ 8132TS OPENV	EUR	8,4950	8,4950	8,4950			8,4950					
Certificate	NL0012893945	NASDQ 8143TS OPENH	EUR	10,1400	10,1400	10,1400			10,1400					
Certificate	NL0012894539	NASDQ 8174TS OPENH	EUR	10,4200	10,4200	10,4200			10,4200					
Certificate	NL0012892871	NASDQ 8182TRSOPENH	EUR	9,0700	9,0700	9,0700			9,0700					
Certificate	DE000VA4Y1N9	NASDQ 8182TS OPENV	EUR	8,9350	8,9350	8,9350			8,9350					
Certificate	NL0012893937	NASDQ 8193TS OPENH	EUR	10,5900	10,5900	10,5900			10,5900					
Certificate	DE000CP063F7	NASDQ 8200TS OPENC	EUR	10,1300	10,1300	10,1300			10,1300					
Certificate	DE000CP061P0	NASDQ 8200TS OPENC	EUR	9,1000	9,1000	9,1000			9,1000					
Certificate	DE000CV4ZLC2	NASDQ 8201TS OPENZ	EUR	9,2950	10,2750	9,2950			10,2750					
Certificate	NL0012994362	NASDQ 8207BS OPENB	EUR	9,4050	9,4050	9,4050			9,4050					
Certificate	NL0013003189	NASDQ 8210TS OPENB	EUR	10,0450	10,0450	10,0450			10,0450					
Certificate	NL0012894521	NASDQ 8214TS OPENH	EUR	10,7700	10,7700	10,7700			10,7700					
Certificate	DE000VASRM35	NASDQ 8226TS OPENV	EUR	9,4050	9,4050	9,4050			9,4050					
Certificate	DE000CV4ZPY7	NASDQ 8229TS OPENZ	EUR	8,5100	9,4900	8,5100			9,4900					
Certificate	NL0012892863	NASDQ 8232TRSOPENH	EUR	9,5000	9,5000	9,5000			9,5000					
Certificate	NL0012893929	NASDQ 8243TS OPENH	EUR	11,0300	11,0300	11,0300			11,0300					
Certificate	NL0012894513	NASDQ 8274TS OPENH	EUR	11,3000	11,3000	11,3000			11,3000					
Certificate	DE000VASRM43	NASDQ 8276TS OPENV	EUR	9,8350	9,8350	9,8350			9,8350					
Certificate	NL0012892855	NASDQ 8282TRSOPENH	EUR	9,9400	9,9400	9,9400			9,9400					
Certificate	NL0012893911	NASDQ 8293TS OPENH	EUR	11,4800	11,4800	11,4800			11,4800					
Certificate	LU1817097402	NASDQ 8308TPIOPENS	EUR	9,9500	9,9500	9,9500			9,9500					
Certificate	NL0013003890	NASDQ 8310TS OPENB	EUR	10,2400	10,9050	10,2400	1024,0000	1	10,9050	100				
Certificate	NL0012894505	NASDQ 8314TS OPENH	EUR	11,6600	11,6600	11,6600			11,6600					
Certificate	NL0012892848	NASDQ 8332TRSOPENH	EUR	10,3700	10,3700	10,3700			10,3700					
Certificate	NL0012893903	NASDQ 8343TS OPENH	EUR	11,9200	11,9200	11,9200			11,9200					



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	DE000CV8AC96	NASDQ 8350TS 1218Z	EUR	9,4400	10,4200	9,4400			10,4200					
Certificate	DE000VAGD393	NASDQ 8371TS OPENV	EUR	10,6650	10,6650	10,6650			10,6650					
Certificate	NL0012894497	NASDQ 8374TS OPENH	EUR	12,2000	12,2000	12,2000			12,2000					
Certificate	NL0012892830	NASDQ 8382TRSOPENH	EUR	10,8100	10,8100	10,8100			10,8100					
Certificate	NL0012893895	NASDQ 8393TS OPENH	EUR	12,3600	12,3600	12,3600			12,3600					
Certificate	DE000CP063G5	NASDQ 8400TS OPENC	EUR	11,9000	11,9000	11,9000			11,9000					
Certificate	DE000CP061Q8	NASDQ 8400TS OPENC	EUR	10,8400	10,8400	10,8400			10,8400					
Certificate	DE000CV4ZQ53	NASDQ 8402TS OPENZ	EUR	11,0650	12,0450	11,0650			12,0450					
Certificate	NL0012894489	NASDQ 8414TS OPENH	EUR	12,5500	12,5500	12,5500			12,5500					
Certificate	DE000VAGD4A3	NASDQ 8421TS OPENV	EUR	11,1050	11,1050	11,1050			11,1050					
Certificate	DE000CV8B5F5	NASDQ 8430TS OPENZ	EUR	10,2600	11,2400	10,2600			11,2400					
Certificate	NL0012892822	NASDQ 8432TRSOPENH	EUR	11,2400	11,2400	11,2400			11,2400					
Certificate	NL0012892814	NASDQ 8482TRSOPENH	EUR	11,6700	11,6700	11,6700			11,6700					
Certificate	NL0012893887	NASDQ 8493TS OPENH	EUR	13,2500	13,2500	13,2500			13,2500					
Certificate	DE000CQ58NR1	NASDQ 8500TS OPENC	EUR	11,5100	11,5100	11,5100			11,5100					
Certificate	DE000CQ58A21	NASDQ 8500TS OPENC	EUR	12,4300	12,4300	12,4300			12,4300					
Certificate	NL0013003908	NASDQ 8510TS OPENB	EUR	12,6450	12,6450	12,6450			12,6450					
Certificate	NL0012892806	NASDQ 8532TRSOPENH	EUR	12,1100	12,1100	12,1100			12,1100					
Certificate	NL0012892798	NASDQ 8582TRSOPENH	EUR	12,5400	12,5400	12,5400			12,5400					
Certificate	NL0012893879	NASDQ 8593TS OPENH	EUR	14,1400	14,1400	14,1400			14,1400					
Certificate	DE000CV8BAV7	NASDQ 8630TS OPENZ	EUR	12,0000	12,9800	12,0000			12,9800					
Certificate	NL0012892780	NASDQ 8632TRSOPENH	EUR	12,9800	12,9800	12,9800			12,9800					
Certificate	DE000CV8B6V0	NASDQ 8649TS OPENZ	EUR	13,2400	14,2200	13,2400			14,2200					
Certificate	NL0012892772	NASDQ 8681TRSOPENH	EUR	13,4200	13,4200	13,4200			13,4200					
Certificate	NL0012893861	NASDQ 8693TS OPENH	EUR	15,0300	15,0300	15,0300			15,0300					
Certificate	NL0013003916	NASDQ 8710TS OPENB	EUR	14,3850	14,3850	14,3850			14,3850					
Certificate	DE000CV8BAW5	NASDQ 8730TS OPENZ	EUR	12,8700	13,8500	12,8700			13,8500					
Certificate	NL0012895635	NASDQ 8735TRSOPENH	EUR	13,8600	13,8600	13,8600			13,8600					
Certificate	NL0012893853	NASDQ 8793TS OPENH	EUR	15,9200	15,9200	15,9200			15,9200					
Certificate	DE000CV8BAX3	NASDQ 8830TS OPENZ	EUR	13,7400	14,7200	13,7400			14,7200					
Certificate	NL0012895627	NASDQ 8835TRSOPENH	EUR	14,7300	14,7300	14,7300			14,7300					
Certificate	DE000CV87KA3	NASDQ 8900TS OPENZ	EUR	15,4700	16,4550	15,4700			16,4550					
Certificate	NL0012895619	NASDQ 8935TRSOPENH	EUR	15,5900	15,5900	15,5900			15,5900					
Certificate	DE000CV87QJ1	NASDQ 8938TS OPENZ	EUR	14,6800	15,6700	14,6800			15,6700					
Certificate	DE000CV8ACA9	NASDQ 8950TS 1218Z	EUR	14,6400	15,6300	14,6400			15,6300					
Certificate	NL0012898225	NASDQ 8996TS OPENH	EUR	17,7200	17,7200	17,7200			17,7200					
Certificate	DE000CP063H3	NASDQ 9000TS OPENC	EUR	17,2000	17,2000	17,2000			17,2000					
Certificate	DE000CP061R6	NASDQ 9000TS OPENC	EUR	16,0700	16,0700	16,0700			16,0700					
Certificate	NL0012895601	NASDQ 9035TRSOPENH	EUR	16,4700	16,4700	16,4700			16,4700					
Certificate	NL0012895593	NASDQ 9135TRSOPENH	EUR	17,3400	17,3400	17,3400			17,3400					
Certificate	NL0012898217	NASDQ 9196TS OPENH	EUR	19,5000	19,5000	19,5000			19,5000					
Certificate	NL0012895585	NASDQ 9235TRSOPENH	EUR	18,2100	18,2100	18,2100			18,2100					
Certificate	NL0012905822	NASDQ 9248TS OPENH	EUR	19,9700	19,9700	19,9700			19,9700					
Certificate	NL0012898761	NASDQ 9287TRSOPENH	EUR	18,6600	18,6600	18,6600			18,6600					
Certificate	NL0012905814	NASDQ 9298TS OPENH	EUR	20,4000	20,4000	20,4000			20,4000					
Certificate	NL0012895577	NASDQ 9335TRSOPENH	EUR	19,0700	19,0700	19,0700			19,0700					
Certificate	NL0012905806	NASDQ 9348TS OPENH	EUR	20,8500	20,8500	20,8500			20,8500					
Certificate	NL0012901367	NASDQ 9390TRSOPENH	EUR	19,5600	19,5600	19,5600			19,5600					
Certificate	DE000CV87YE6	NASDQ 9397TS OPENZ	EUR	19,8500	20,8350	19,8500			20,8350					
Certificate	NL0012905798	NASDQ 9398TS OPENH	EUR	21,2900	21,2900	21,2900			21,2900					
Certificate	NL0012895569	NASDQ 9434TRSOPENH	EUR	19,9400	19,9400	19,9400			19,9400					
Certificate	NL0012905780	NASDQ 9448TS OPENH	EUR	21,7400	21,7400	21,7400			21,7400					
Certificate	NL0012905707	NASDQ 9494TRSOPENH	EUR	20,4700	20,4700	20,4700			20,4700					
Certificate	NL0012905772	NASDQ 9498TS OPENH	EUR	22,1900	22,1900	22,1900			22,1900					
Certificate	DE000CV8B6M9	NASDQ 9550TS 1218Z	EUR	19,8400	20,8300	19,8400			20,8300					
Certificate	DE000CV8B482	NASDQ 9741TS OPENZ	EUR	21,6600	22,6600	21,6600			22,6600					
Certificate	DE000CV8AQW3	NASDQ 9887TS OPENZ	EUR	24,1800	25,1700	24,1800			25,1700					
Certificate	NL0009336700	NAT INFL 0%28FEB20	EUR											
Certificate	NL0009336783	NAT R8 0%04MCH20	EUR											
Certificate	NL0009336684	NAT VAST 0%28FEB20	EUR											
Certificate	NL0009336767	NAT ZERO 0%31DEC19	EUR											
Certificate	DE000VN61Y30	NDX LEVOPENV	EUR	9,2600	9,2600	6,6800	1214,3500	4	6,6900	140				
Certificate	DE000VN61Y14	NDX LEVOPENV	EUR	46,7100	46,7100	46,7100			46,7100					
Certificate	DE000VN61Y22	NDX LEVOPENV	EUR	30,0250	30,0250	30,0250			30,0250					
Certificate	DE000VA23401	NDX SHROPEV	EUR	4,8800	4,8800	4,8800			4,8800					
Certificate	DE000VL51274	NDX SHROPEV	EUR	0,0160	0,0160	0,0160			0,0160					
Certificate	DE000VN61Y55	NDX SHROPEV	EUR	0,0100	0,0105	0,0070	2300,0000	1	0,0105	230000				
Certificate	DE000VN61Y48	NDX SHROPEV	EUR	0,1400	0,1460	0,1400	350,0000	1	0,1460	2500				
Certificate	DE000VA23419	NDX SHROPEV	EUR	2,5550	2,5550	2,5550			2,5550					
Certificate	DE000VN61Y63	NDX SHROPEV	EUR	0,0072	0,0072	0,0072			0,0072					
Certificate	NL0010520169	NESTL 58TL OPENB	EUR	22,2850	22,2850	22,2850			22,2850					
Certificate	NL0009071653	NESTL 20.7TL OPENB	EUR	52,6750	52,6750	52,6750			52,6750					



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	NL0009179050	NESTL 29.9TL OPENB	EUR											
Certificate	NL0010044145	NESTL 43.4TL OPENB	EUR	34,2150	34,2150	34,2150			34,2150					
Certificate	NL0010112504	NESTL 46.7TL OPENB	EUR	31,5350	31,5350	31,5350				31,5350				
Certificate	NL0010130415	NESTL 51.8TL OPENB	EUR	27,3650	27,3650	27,3650				27,3650				
Certificate	NL0010894697	NESTL 55.4TL OPENB	EUR	24,4750	24,5450	24,4750				24,5450				
Certificate	NL0011426820	NESTL 64.2TL OPENB	EUR	17,2450	17,3350	17,2450				17,3350				
Certificate	NL0012118814	NESTL 71.1TL OPENB	EUR	11,6850	11,7750	11,6850				11,7750				
Certificate	NL0012984512	NESTL 78.3TL OPENB	EUR											
Certificate	NL0012993547	NESTL 84.8TS OPENB	EUR	10,7750	10,7750	10,6650				10,6650				
Certificate	NL0012993554	NESTL 89.8TS OPENB	EUR	15,4950	15,4950	15,3750				15,3750				
Certificate	DE000CV89A52	NESTL46.95TL OPENZ	EUR	28,4200	28,4200	28,4200				28,4200				
Certificate	DE000CR1JPQ9	NESTL57.07TL OPENZ	EUR	1,9550	1,9550	1,9550				1,9550				
Certificate	DE000CR6X5G7	NESTL62.48TL OPENZ	EUR	1,4850	1,4850	1,4850				1,4850				
Certificate	DE000CB9YK73	NESTL66.99TL OPENZ	EUR	1,0750	1,0750	1,0750				1,0750				
Certificate	DE000CV8A849	NESTL76.94TL OPENZ	EUR	2,2850	2,2850	2,2850				2,2850				
Certificate	NL0012907786	NETEA 185TL OPENH	EUR	3,9900	3,9900	3,2900				3,2900				
Certificate	NL0013081763	NETEA 194TL OPENH	EUR	3,2700	3,2700	2,5700				2,5700				
Certificate	NL0012907778	NETEA 200TL OPENH	EUR	2,7600	2,7600	2,0600				2,0600				
Certificate	NL0013077977	NETEA 204TL OPENH	EUR	2,4400	2,4400	1,7400				1,7400				
Certificate	NL0013080070	NETEA 210TL OPENH	EUR											
Certificate	NL0013083165	NETEA 212TL OPENH	EUR	1,8000	1,8000	1,8000				1,8000				
Certificate	NL0013085160	NETEA 218TL OPENH	EUR	1,3200	1,3200	1,3200				1,3200				
Certificate	NL0013077951	NETEA 220TS OPENH	EUR											
Certificate	NL0012907968	NETEA 224TS OPENH	EUR											
Certificate	NL0012907737	NETEA 230TS OPENH	EUR	2,1600	2,8200	2,1600				2,8200				
Certificate	NL0012907729	NETEA 238TS OPENH	EUR	2,9000	3,5700	2,9000				3,5700				
Certificate	NL0012907711	NETEA 244TS OPENH	EUR	3,4500	4,1200	3,4500				4,1200				
Certificate	NL0012907950	NETEA 255TS OPENH	EUR	4,4700	5,1400	4,4700				5,1400				
Certificate	NL0012907703	NETEA 270TS OPENH	EUR	5,8600	6,5300	5,8600				6,5300				
Certificate	DE000CV8AXU3	NETEA148.3TL OPENZ	EUR	1,2450	1,2450	1,2450				1,2450				
Certificate	DE000CV8AT71	NETEA169.5TL OPENZ	EUR	0,8950	0,8950	0,8950				0,8950				
Certificate	DE000CJ3NKS4	NETEA190.5TL OPENZ	EUR	0,5450	0,5450	0,5450				0,5450				
Certificate	DE000CN6KTU4	NEWMG 28TL OPENZ	EUR	2,5800	2,5800	2,5800				2,5800				
Certificate	DE000CN6HEM9	NEWMG15.22TL OPENZ	EUR	7,8800	7,8800	7,8800				7,8800				
Certificate	DE000CN6GBE4	NEWMG17.09TL OPENZ	EUR	7,1100	7,1100	7,1100				7,1100				
Certificate	DE000CN6J0J9	NEWMG18.73TL OPENZ	EUR	6,4200	6,4200	6,4200				6,4200				
Certificate	DE000CN6JAR2	NEWMG22.56TL OPENZ	EUR	4,8300	4,8300	4,8300				4,8300				
Certificate	DE000VA23435	NG1 SHROPE NV	EUR	0,2590	0,3130	0,2590				0,3130				
Certificate	DE000VL23R46	NG1 SHROPE NV	EUR	0,0055	0,0055	0,0055				0,0055				
Certificate	DE000VL23R20	NG1 3 LEVOPENV	EUR	0,0060	0,0060	0,0060				0,0060				
Certificate	DE000VL23R38	NG1 3 LEVOPENV	EUR	0,6840	0,6840	0,5680				0,5680				
Certificate	NL0012507388	NGAS 2TL OPENB	EUR	2,5150	2,5150	2,5150				2,5150				
Certificate	NL0012676597	NGAS 2.5TL OPENB	EUR	1,7350	1,7350	1,7350				1,7350				
Certificate	NL0012680318	NGAS 3.5TS OPENB	EUR	1,3150	1,3150	1,3150				1,3150				
Certificate	NL0012695969	NGAS 2.26TL OPENB	EUR	2,1150	2,1150	2,1150				2,1150				
Certificate	DE000CV4ZSN4	NGAS 2.053TL OPENZ	EUR	1,1900	1,1900	1,1350				1,1350				
Certificate	DE000CE6BRE2	NGAS 2.383TL OPENZ	EUR	0,9150	0,9150	0,8550				0,8550				
Certificate	DE000CE6DG06	NGAS 3.465TS OPENZ	EUR	0,3300	0,3850	0,3300				0,3850				
Certificate	DE000CE6CBG9	NGAS 3.835TS OPENZ	EUR	0,6700	0,7250	0,6700				0,7250				
Certificate	DE000CV4ZQA5	NGRID5.577TL OPENZ	EUR	1,5100	1,5100	1,5100				1,5100				
Certificate	DE000CR1JPX5	NGRID6.791TL OPENZ	EUR	0,8200	0,8200	0,8200				0,8200				
Certificate	DE000CV88616	NIBC 6.1TL OPENZ	EUR	2,4050	2,4050	2,4050				2,4050				
Certificate	DE000CV88608	NIBC 5.46TL OPENZ	EUR	3,0050	3,0050	3,0050				3,0050				
Certificate	DE000CV88624	NIBC 6.85TL OPENZ	EUR	1,7050	1,7050	1,7050				1,7050				
Certificate	DE000CV88632	NIBC 7.38TL OPENZ	EUR	1,2050	1,2050	1,2050				1,2050				
Certificate	DE000CX595G6	NIKE 50TL OPENC	EUR											
Certificate	DE000CR6YBE3	NIKE 46.14TL OPENZ	EUR	5,2200	5,2200	5,2200				5,2200				
Certificate	NL0011900832	NIKE 48.52TL OPENB	EUR	2,6600	2,6600	2,6600				2,6600				
Certificate	DE000CR6YBF0	NIKE 49.92TL OPENZ	EUR	4,5600	4,5600	4,5600				4,5600				
Certificate	NL0006467656	NIKEI 4840TL OPENB	EUR	136,7500	136,7500	136,7500				136,7500				
Certificate	NL0009067875	NIKEI 6030TL OPENB	EUR	128,5600	128,5600	128,5600				128,5600				
Certificate	DE000CM3ZVH3	NIKEI 6440TL OPENZ	EUR	1,2750	1,2750	1,2550				1,2550				
Certificate	NL0009071216	NIKEI 6730TL OPENB	EUR	123,3500	123,3500	123,3500				123,3500				
Certificate	NL0009702828	NIKEI 7240TL OPENB	EUR	119,5400	119,5400	119,5400				119,5400				
Certificate	DE000CM74HE8	NIKEI 8590TL OPENZ	EUR	1,1150	1,1150	1,0950				1,0950				
Certificate	NL0010376992	NIKEI11120TL OPENB	EUR	90,5200	90,5200	90,5200				90,5200				
Certificate	NL0010376976	NIKEI11680TL OPENB	EUR	86,3500	86,3500	86,3500				86,3500				
Certificate	DE000CZ2GBV3	NIKEI12122TL OPENZ	EUR	8,2000	8,2000	7,9900				7,9900				
Certificate	NL0010898698	NIKEI12660TL OPENB	EUR	79,0750	79,0750	79,0750				79,0750				
Certificate	DE000CZ2GBW1	NIKEI12697TL OPENZ	EUR	7,7500	7,7500	7,5400				7,5400				
Certificate	DE000CZ2GBX9	NIKEI13272TL OPENZ	EUR	7,3100	7,3100	7,1000				7,1000				
Certificate	DE000CF3A3L7	NIKEI13319TL OPENC	EUR	7,0100	7,0100	7,0100				7,0100				



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	DE000C2ZGBY7	NIKEI13847TL OPENZ	EUR	6,8600	6,8600	6,6500			6,6500					
Certificate	DE000CX00922	NIKEI14000TL OPENC	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	DE000CF80D50	NIKEI14038TL OPENC	EUR	6,4000	6,4000	6,4000			6,4000					
Certificate	NL0011805031	NIKEI14400TL OPENB	EUR	66,0550	66,0550	66,0550			66,0550					
Certificate	DE000CX00930	NIKEI14500TL OPENC	EUR	6,3800	6,3800	6,3800			6,3800					
Certificate	DE000CX008W7	NIKEI14500TL OPENC	EUR	5,9700	5,9700	5,9700			5,9700					
Certificate	DE000CR6XNP6	NIKEI14919TL OPENZ	EUR	6,0450	6,0450	5,8250			5,8250					
Certificate	DE000CR6XNQ4	NIKEI15461TL OPENZ	EUR	5,6250	5,6250	5,4050			5,4050					
Certificate	NL0012262158	NIKEI17400TL OPENB	EUR	43,6350	43,6350	43,6350			43,6350					
Certificate	NL0012262166	NIKEI17910TL OPENB	EUR	39,7950	39,7950	39,7950			39,7950					
Certificate	NL0012262174	NIKEI18430TL OPENB	EUR	38,1100	38,1100	35,9550	1143,3000	1	35,9550	30				
Certificate	NL0012262182	NIKEI18940TL OPENB	EUR	32,1250	32,1250	32,1250			32,1250					
Certificate	NL0012512461	NIKEI19440TL OPENB	EUR	3,1000	3,1050	2,8450	3000,8000	1	2,8450	968				
Certificate	NL0012512479	NIKEI19950TL OPENB	EUR	2,4650	2,4650	2,4650			2,4650					
Certificate	DE000CY52780	NIKEI20000TL OPENC	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	NL001277528	NIKEI20610TL OPENB	EUR	2,1500	2,1650	1,9650	215,0000	1	1,9650	100				
Certificate	NL0012781116	NIKEI21100TL OPENB	EUR	1,5950	1,5950	1,5950			1,5950					
Certificate	NL0012980304	NIKEI21620TL OPENB	EUR	1,2050	1,2050	1,2050			1,2050					
Certificate	NL0012700371	NIKEI24860TS OPENB	EUR	2,7650	2,7650	2,7650			2,7650					
Certificate	DE000CY527C7	NIKEI25000TS OPENC	EUR											
Certificate	DE000CQ5A3E7	NIKEI26000TS OPENC	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	DE000VN61247	NIKKE LEVOPENV	EUR	2,4650	2,4650	2,4650			2,4650					
Certificate	DE000VN61239	NIKKE LEVOPENV	EUR	11,5700	11,5700	11,5700			11,5700					
Certificate	DE000VN61254	NIKKE LEVOPENV	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	DE000VN61288	NIKKE SHROPENV	EUR	0,0060	0,0060	0,0060			0,0060					
Certificate	DE000VA54505	NIKKE SHROPENV	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	DE000VN61262	NIKKE SHROPENV	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000VN61270	NIKKE SHROPENV	EUR	0,0460	0,0460	0,0460			0,0460					
Certificate	DE000VA54513	NIKKE SHROPENV	EUR	4,2100	4,2100	4,2100			4,2100					
Certificate	NL0000451920	NIKKEI CT OPENN	EUR	17,3900	17,3900	17,3900			17,3900					
Certificate	DE000CV8A5R1	NINTE25731TL OPENZ	EUR	2,3550	2,3550	2,3550			2,3550					
Certificate	DE000CV8A5S9	NINTE30014TL OPENZ	EUR	1,7350	1,7350	1,7350			1,7350					
Certificate	DE000CV8AZS2	NINTE34286TL OPENZ	EUR	1,1150	1,1150	1,1150			1,1150					
Certificate	DE000CJ3NMU6	NINTE38564TL OPENZ	EUR											
Certificate	DE000CV8B6B2	NINTE38703TL OPENZ	EUR											
Certificate	NL0011232475	NIYZ 12279TRLOPENH	EUR	7,8500	7,8500	7,8500			7,8500					
Certificate	NL0011232467	NIYZ 14495TRLOPENH	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	NL0011231865	NIYZ 24910TS OPENH	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	NL0011231857	NIYZ 26780TS OPENH	EUR	4,7600	4,7600	4,7600			4,7600					
Certificate	DE000CY51F20	NKOYJ 4TL OPENC	EUR											
Certificate	DE000CY51MC5	NKOYJ 4TL OPENC	EUR											
Certificate	DE000CX0KTT7	NKOYJ 4TL OPENC	EUR											
Certificate	DE000CY514V5	NKOYJ 5TL OPENC	EUR											
Certificate	DE000CY517D6	NKOYJ 5TL OPENC	EUR											
Certificate	DE000CY52MQ3	NKOYJ 5TS OPENC	EUR											
Certificate	DE000CY51TR8	NKOYJ 5TS OPENC	EUR											
Certificate	NL0012681613	NKOYJ 6TS OPENB	EUR	1,8550	1,8550	1,8550			1,8550					
Certificate	DE000CY514X1	NKOYJ 6TS OPENC	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CX0KTV3	NKOYJ 6TS OPENC	EUR											
Certificate	DE000CY517F1	NKOYJ 6TS OPENC	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	NL0012512206	NKOYJ 3.2TL OPENB	EUR	1,9750	1,9750	1,9750			1,9750					
Certificate	DE000CY51WJ9	NKOYJ 3.5TL OPENC	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000CY51TQ0	NKOYJ 3.5TL OPENC	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	NL0012680623	NKOYJ 3.7TL OPENB	EUR	1,5150	1,5150	1,5150			1,5150					
Certificate	NL0012782783	NKOYJ 4.3TL OPENB	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	DE000CY514U7	NKOYJ 4.5TL OPENC	EUR											
Certificate	DE000CY517C8	NKOYJ 4.5TL OPENC	EUR											
Certificate	DE000CX0KTU5	NKOYJ 4.5TL OPENC	EUR											
Certificate	DE000CY52254	NKOYJ 4.5TS OPENC	EUR											
Certificate	DE000CY51V43	NKOYJ 4.6TS OPENC	EUR											
Certificate	DE000CY51WK7	NKOYJ 4.8TS OPENC	EUR											
Certificate	NL0012993562	NKOYJ 4.9TS OPENB	EUR											
Certificate	DE000CY517E4	NKOYJ 5.5TS OPENC	EUR											
Certificate	DE000CY514W3	NKOYJ 5.5TS OPENC	EUR											
Certificate	DE000CX0KTW1	NKOYJ 5.5TS OPENC	EUR											
Certificate	NL0012979363	NKOYJ 6.9TS OPENB	EUR	2,8850	2,8850	2,8850			2,8850					
Certificate	DE000CC8ABQ0	NKOYJ 7.3TS OPENC	EUR											
Certificate	DE000CY52A96	NKOYJ 3.75TL OPENC	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	NL0012984298	NKOYJ 4.07BL OPENB	EUR	0,8750	0,8750	0,8750			0,8750					
Certificate	DE000CY52111	NKOYJ 4.25TL OPENC	EUR											
Certificate	DE000CY522R6	NKOYJ 4.25TL OPENC	EUR											
Certificate	DE000CY52W74	NKOYJ 4.25TL OPENC	EUR	0,6700	0,7100	0,6600	544,0000	2	0,6600	800				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CY52R63	NKOYJ 4.25TL OPENC	EUR											
Certificate	DE000CY52AA2	NKOYJ 4.25TS OPENC	EUR											
Certificate	DE000CY51CT0	NKOYJ 4.75TL OPENC	EUR											
Certificate	DE000CY51AZ1	NKOYJ 4.75TL OPENC	EUR											
Certificate	DE000CY51G00	NKOYJ 5.25TS OPENC	EUR											
Certificate	DE000CY51CU8	NKOYJ 5.25TS OPENC	EUR											
Certificate	DE000CY51B05	NKOYJ 5.25TS OPENC	EUR											
Certificate	DE000CY51MD3	NKOYJ 5.25TS OPENC	EUR											
Certificate	DE000CV87SN9	NKOYJ 5.72TS OPENZ	EUR	0,8950	0,8950	0,8950			0,8950					
Certificate	DE000CD63FT2	NKOYJ2.998TL OPENZ	EUR	1,8550	1,8550	1,8550			1,8550					
Certificate	DE000CN6LF81	NKOYJ3.352TL OPENZ	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	DE000CF3AL28	NKOYJ3.701TL OPENC	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	DE000CD63U29	NKOYJ3.703TL OPENZ	EUR	1,1800	1,2050	1,1400	16359,0000	5	1,1550	14000				
Certificate	NL0012988869	NKOYJ3.818BL OPENB	EUR	1,1250	1,1250	1,1250			1,1250					
Certificate	DE000CV4ZUS9	NKOYJ4.005TL OPENZ	EUR	0,7900	0,8550	0,7900	2369,2100	1	0,8550	2999				
Certificate	DE000CJ3N8L3	NKOYJ4.301TL OPENZ	EUR	0,5800	0,5800	0,5650	261,0000	1	0,5650	450				
Certificate	NL0012977631	NKOYJ4.322BL OPENB	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	NL0012984363	NKOYJ5.039BS OPENB	EUR	0,3150	0,3150	0,3150			0,3150					
Certificate	DE000CV8ADY7	NKOYJ5.218TS OPENZ	EUR	0,3700	0,4050	0,3700	740,0000	1	0,4050	2000				
Certificate	NL0012977862	NKOYJ5.535BS OPENB	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	DE000CV89911	NKOYJ6.216TS OPENZ	EUR	1,3850	1,3850	1,3850			1,3850					
Certificate	DE000CY16L49	NNGRP 25TL OPENC	EUR	16,6000	16,6000	16,6000			16,6000					
Certificate	DE000CY514S1	NNGRP 28TL OPENC	EUR	12,3500	12,3500	12,3500			12,3500					
Certificate	DE000CY51782	NNGRP 28TL OPENC	EUR	12,8100	12,8100	12,8100			12,8100					
Certificate	DE000CY520Y6	NNGRP 29TL OPENC	EUR	11,4000	11,4000	11,4000			11,4000					
Certificate	DE000CY514T9	NNGRP 30TL OPENC	EUR	10,3200	10,3200	10,3200			10,3200					
Certificate	DE000CY51790	NNGRP 30TL OPENC	EUR	10,8500	10,8500	10,8500			10,8500					
Certificate	DE000CY520Z3	NNGRP 31TL OPENC	EUR	9,3700	9,3700	9,3700			9,3700					
Certificate	DE000CY522P0	NNGRP 31TL OPENC	EUR	9,9300	9,9300	9,9300			9,9300					
Certificate	DE000CY51AY4	NNGRP 32TL OPENC	EUR	8,3100	8,3100	8,3100			8,3100					
Certificate	DE000CY517A2	NNGRP 32TL OPENC	EUR	8,8800	8,8800	8,8800			8,8800					
Certificate	NL0012236202	NNGRP 33BON1218Z	EUR	38,8750	38,8750	38,8750			38,8750					
Certificate	DE000CY52103	NNGRP 33TL OPENC	EUR	7,3500	7,3500	7,3500			7,3500					
Certificate	DE000CY51CQ6	NNGRP 33TL OPENC	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	DE000CY51H74	NNGRP 34TL OPENC	EUR	6,9500	6,9500	6,9500			6,9500					
Certificate	DE000CY51KH8	NNGRP 34TL OPENC	EUR	6,3200	6,3200	6,3200			6,3200					
Certificate	DE000CP06KP3	NNGRP 34TL OPENC	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	DE000CQ5ATE8	NNGRP 35TL OPENC	EUR											
Certificate	DE000CP062Q6	NNGRP 35TL OPENC	EUR	4,8800	4,8800	4,8800			4,8800					
Certificate	DE000CQ5AHU9	NNGRP 35TL OPENC	EUR											
Certificate	DE000CQ5BPR6	NNGRP 35TL OPENC	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	DE000CP060T4	NNGRP 35TL OPENC	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	DE000CQ5AQ36	NNGRP 36TL OPENC	EUR											
Certificate	DE000CP06KV1	NNGRP 36TL OPENC	EUR	3,2300	3,2300	3,2300			3,2300					
Certificate	NL0012648430	NNGRP 40BOC0619Z	EUR	39,1850	39,1850	39,1850			39,1850					
Certificate	DE000CP06P06	NNGRP 40TS OPENC	EUR											
Certificate	DE000CP06U74	NNGRP 40TS OPENC	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	NL0012649107	NNGRP 42BOC0619Z	EUR	40,9600	40,9600	40,9600			40,9600					
Certificate	DE000CY52C03	NNGRP 43TS OPENC	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	DE000CQ5B3N7	NNGRP 44TS OPENC	EUR	4,7800	4,7800	4,7800			4,7800					
Certificate	DE000CY52R55	NNGRP 44TS OPENC	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	DE000CQ5ATF5	NNGRP 45TS OPENC	EUR	5,7200	5,7200	5,7200			5,7200					
Certificate	DE000CP064Z3	NNGRP 45TS OPENC	EUR	7,7300	7,7300	7,7300			7,7300					
Certificate	DE000CQ5AX52	NNGRP 46TS OPENC	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	NL0011228390	NNGRP 13.6TL OPENH	EUR	2,6700	2,6700	2,6400			2,6400					
Certificate	NL0011926969	NNGRP 19.7TL OPENH	EUR	2,1100	2,1100	2,0900			2,0900					
Certificate	NL0011934807	NNGRP 20.7TL OPENH	EUR	2,0200	2,0200	2,0000			2,0000					
Certificate	NL0011971262	NNGRP 22.2TL OPENH	EUR	1,8800	1,8800	1,8600			1,8600					
Certificate	NL0011919253	NNGRP 23.1TL OPENB	EUR	17,5450	17,8000	17,2950	5340,0000	1	17,2950	300				
Certificate	DE000CY16HR6	NNGRP 27.5TL OPENC	EUR	14,0500	14,0500	14,0500			14,0500					
Certificate	NL0012276000	NNGRP 29.2TL OPENB	EUR	11,8650	11,8650	11,6150			11,6150					
Certificate	NL0012438295	NNGRP 30.9TL OPENH	EUR	1,0900	1,0900	1,0700			1,0700					
Certificate	NL0012522403	NNGRP 32.9TL OPENH	EUR	0,9100	0,9100	0,8900			0,8900					
Certificate	NL0012889976	NNGRP 36.3TL OPENH	EUR	0,6000	0,6000	0,5800			0,5800					
Certificate	NL0012236293	NNGRP 38.5BOC1218Z	EUR	38,3900	38,3900	38,3900			38,3900					
Certificate	NL0012795751	NNGRP 40.5BOC0919Z	EUR	38,1300	38,1300	38,1300			38,1300					
Certificate	NL0012649099	NNGRP 40.5BOC1218Z	EUR	40,2300	40,2300	40,2300			40,2300					
Certificate	DE000CE6F5G7	NNGRP 40.6TS OPENZ	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	NL0011228382	NNGRP15.72TL OPENH	EUR	2,4700	2,4700	2,4500			2,4500					
Certificate	NL0011904743	NNGRP16.84TL OPENB	EUR	23,3650	23,3650	23,1150			23,1150					
Certificate	NL0011228374	NNGRP17.84TL OPENH	EUR	2,2800	2,2800	2,2600			2,2600					
Certificate	NL0011086939	NNGRP17.89TL OPENB	EUR	22,3850	22,3850	22,1350			22,1350					



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	NL0011228366	NNGRP18.89TL OPENH	EUR	2,1800	2,1800	2,1600			2,1600					
Certificate	NL0011086947	NNGRP18.98TL OPENB	EUR	21,3750	21,3750	21,1250			21,1250					
Certificate	DE000CR4HHV4	NNGRP19.72TL OPENZ	EUR	3,8300	3,8300	3,8300								
Certificate	NL0011907548	NNGRP20.348L OPENB	EUR	18,8850	18,8850	18,6350			18,6350					
Certificate	DE000CD625G5	NNGRP21.26TL OPENZ	EUR	3,5200	3,5200	3,5200								
Certificate	NL0011918453	NNGRP22.468L OPENB	EUR	16,8050	16,8050	16,5550			16,5550					
Certificate	NL0011971254	NNGRP22.74TL OPENH	EUR	1,8400	1,8400	1,8100			1,8100					
Certificate	DE000CD62QM6	NNGRP22.76TL OPENZ	EUR	3,2200	3,2200	3,2200								
Certificate	NL0011971783	NNGRP23.25TL OPENH	EUR	1,7900	1,7900	1,7700			1,7700					
Certificate	NL0012030563	NNGRP24.11TL OPENB	EUR	16,6050	16,6050	16,3550			16,3550					
Certificate	DE000CD62557	NNGRP24.25TL OPENZ	EUR	2,9300	2,9300	2,9300								
Certificate	NL0011994132	NNGRP24.27TL OPENH	EUR	1,7000	1,7000	1,6700			1,6700					
Certificate	NL0012029698	NNGRP24.568L OPENB	EUR	14,6950	14,6950	14,4450			14,4450					
Certificate	NL0011994124	NNGRP24.78TL OPENH	EUR	1,6500	1,6500	1,6300			1,6300					
Certificate	NL0012030571	NNGRP25.13TL OPENB	EUR	15,6550	15,6550	15,4050			15,4050					
Certificate	NL0011994116	NNGRP25.31TL OPENH	EUR	1,6000	1,6000	1,5800			1,5800					
Certificate	NL0012033633	NNGRP25.618L OPENB	EUR	13,6450	13,6450	13,3950			13,3950					
Certificate	NL0011994108	NNGRP25.81TL OPENH	EUR	1,5600	1,5600	1,5300			1,5300					
Certificate	NL0012259634	NNGRP26.15TL OPENB	EUR	14,6950	14,6950	14,4450			14,4450					
Certificate	DE000CD63PY1	NNGRP26.24TL OPENZ	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	NL0012258958	NNGRP26.658L OPENB	EUR	12,6050	12,6050	12,3550			12,3550					
Certificate	NL0012259642	NNGRP27.18TL OPENB	EUR	13,7450	13,7450	13,4950			13,4950					
Certificate	NL0012330658	NNGRP27.82TL OPENH	EUR	1,3700	1,3700	1,3500			1,3500					
Certificate	DE000CE6CHX1	NNGRP28.25TL OPENZ	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	NL0012275135	NNGRP28.728L OPENB	EUR	10,5450	10,5450	10,2950			10,2950					
Certificate	NL0012365423	NNGRP29.88TL OPENH	EUR	1,1900	1,1900	1,1600			1,1600					
Certificate	DE000CE6DTT2	NNGRP30.21TL OPENZ	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	NL0012276653	NNGRP30.788L OPENB	EUR	8,4750	8,4750	8,2250			8,2250					
Certificate	NL0012277685	NNGRP31.23TL OPENB	EUR	9,9650	9,9650	9,7150			9,7150					
Certificate	NL0012494249	NNGRP31.818L OPENB	EUR	7,4550	7,4550	7,2050			7,2050					
Certificate	NL0012517734	NNGRP31.91TL OPENH	EUR	1,0000	1,0000	0,9800			0,9800					
Certificate	DE000CE6E275	NNGRP32.21TL OPENZ	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	NL0012497168	NNGRP32.848L OPENB	EUR	6,4250	6,4250	6,1750			6,1750					
Certificate	NL0012689327	NNGRP33.27TL OPENB	EUR	8,0850	8,0850	7,8350			7,8350					
Certificate	LU1612062452	NNGRP33.66TCIOPENS	EUR	6,0900	6,0900	6,0900			6,0900					
Certificate	NL0012979694	NNGRP33.948L OPENB	EUR	5,3250	5,3250	5,0750			5,0750					
Certificate	DE000CV89XX4	NNGRP34.19TL OPENZ	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	LU1650877472	NNGRP34.33TCIOPENS	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	NL0012929111	NNGRP34.57TL OPENH	EUR	0,7600	0,7600	0,7400			0,7400					
Certificate	NL0012981310	NNGRP34.958L OPENB	EUR	4,3150	4,3150	4,0650			4,0650					
Certificate	LU1790500489	NNGRP35.16TCIOPENS	EUR	4,3200	4,3200	4,3200			4,3200					
Certificate	NL0012982409	NNGRP35.37TL OPENB	EUR	6,1150	6,1150	5,8650			5,8650					
Certificate	NL0012991038	NNGRP35.958L OPENB	EUR	3,3150	3,3150	3,0650			3,0650					
Certificate	LU1817218123	NNGRP36.14TCIOPENS	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	LU1790692021	NNGRP36.15TCIOPENS	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	DE000CJ3NV0	NNGRP36.18TL OPENZ	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	NL0013000383	NNGRP36.958L OPENB	EUR	2,3150	2,3150	2,0650			2,0650					
Certificate	LU1840350141	NNGRP37.31TCIOPENS	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	NL0013000748	NNGRP37.37TL OPENB	EUR	4,2550	4,2550	4,0050			4,0050					
Certificate	NL0012903066	NNGRP37.89TL OPENH	EUR											
Certificate	LU1841029603	NNGRP38.96TCIOPENS	EUR											
Certificate	NL0012780142	NNGRP40.168S OPENB	EUR	1,4050	1,6450	1,4050			1,6450					
Certificate	NL0012692784	NNGRP40.67TS OPENB	EUR	4,9850	5,2250	4,9850			5,2250					
Certificate	NL0012900799	NNGRP40.82TS OPENH	EUR	0,6300	0,6600	0,6300			0,6600					
Certificate	LU1840349051	NNGRP40.97TCIOPENS	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	NL0012369847	NNGRP41.05TS OPENH	EUR	0,6600	0,6800	0,6600			0,6800					
Certificate	NL0012374235	NNGRP41.11TS OPENH	EUR	0,6700	0,6900	0,6700			0,6900					
Certificate	NL0012849442	NNGRP41.22TS OPENH	EUR	0,6800	0,7000	0,6800			0,7000					
Certificate	NL0012610216	NNGRP41.24TS OPENH	EUR	0,6800	0,7000	0,6800			0,7000					
Certificate	NL0012783062	NNGRP42.128S OPENB	EUR	3,3750	3,6150	3,3750			3,6150					
Certificate	NL0012786115	NNGRP43.67TS OPENB	EUR	8,2250	8,4650	8,2250			8,4650					
Certificate	NL0013000508	NNGRP44.128S OPENB	EUR	5,3750	5,6150	5,3750			5,6150					
Certificate	NL0012615629	NNGRP44.17TS OPENH	EUR	1,0100	1,0300	1,0100			1,0300					
Certificate	NL0012606735	NNGRP44.18TS OPENH	EUR	1,0100	1,0300	1,0100			1,0300					
Certificate	NL0012545677	NNGRP45.51TS OPENH	EUR	1,1500	1,1700	1,1500			1,1700					
Certificate	DE000CV88AM7	NNGRP45.58TS OPENZ	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	DE000CJ3NSC1	NNGRP50.09TS OPENZ	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	DE000CXOKLB2	NOKIA 5TL OPENC	EUR											
Certificate	NL0010131355	NOKIA 0.7TL OPENB	EUR											
Certificate	NL0010252060	NOKIA 1.1TL OPENB	EUR	3,8750	3,8750	3,8750			3,8750					
Certificate	DE000CF3AP16	NOKIA4.391TL OPENC	EUR											
Certificate	DE000CN6YB6	NORSK31.42TL OPENZ	EUR	1,0900	1,0900	1,0900			1,0900					



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	DE000CD63RE9	NORSK37.65TL OPENZ	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	DE000CE6DQ12	NOVAR 92.9TS OPENZ	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	DE000CV8A5F6	NOVAR102.9TS OPENZ	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	DE000CD63HV4	NOVAR52.96TL OPENZ	EUR	5,7300	5,7300	5,7300			5,7300					
Certificate	DE000CN6J869	NOVAR58.97TL OPENZ	EUR	4,6600	4,6600	4,6600			4,6600					
Certificate	DE000CN6GLB9	NOVAR65.07TL OPENZ	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	DE000CE6BM83	NOVAR71.96TL OPENZ	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000CV8A5E9	NOVAR76.91TL OPENZ	EUR	1,5600	1,5600	1,5500	156,0000	1	1,5500	100				
Certificate	XS1605325999	NOVON STN0827K	EUR											
Certificate	NL0011998018	NOVON 216.TL OPENH	EUR	11,4200	11,4700	11,4200			11,4700					
Certificate	NL0012201354	NOVON 221.TL OPENH	EUR	10,8100	10,8700	10,8100			10,8700					
Certificate	DE000CE6CBV8	NOVON 226.TL OPENZ	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	NL0012608582	NOVON 296.TS OPENH	EUR											
Certificate	NL0012583637	NOVON 344.TS OPENH	EUR	13,4800	13,4800	13,4300			13,4300					
Certificate	NL0012583611	NOVON 408.TS OPENH	EUR	23,0100	23,0100	22,9600			22,9600					
Certificate	NL0012094098	NOVON150.1TL OPENH	EUR	19,4500	19,5100	19,4500			19,5100					
Certificate	NL0011989132	NOVON171.3TL OPENH	EUR	16,8700	16,9200	16,8700			16,9200					
Certificate	NL0011997358	NOVON190.2TL OPENH	EUR	14,5600	14,6100	14,5600			14,6100					
Certificate	NL0011997341	NOVON200.6TL OPENH	EUR	13,3000	13,3500	13,3000			13,3500					
Certificate	DE000CE6CBD6	NOVON204.1TL OPENZ	EUR	1,0550	1,0550	1,0550			1,0550					
Certificate	NL0011997770	NOVON205.7TL OPENH	EUR	12,6700	12,7200	12,6700			12,7200					
Certificate	NL0011997929	NOVON210.8TL OPENH	EUR	12,0500	12,1000	12,0500			12,1000					
Certificate	NL0012208847	NOVON231.1TL OPENH	EUR	9,5700	9,6200	9,5700			9,6200					
Certificate	NL0012210678	NOVON241.3TL OPENH	EUR	8,3400	8,3900	8,3400			8,3900					
Certificate	DE000CE6CMD3	NOVON249.8TL OPENZ	EUR	0,4450	0,4450	0,4450			0,4450					
Certificate	NL0012240204	NOVON251.3TL OPENH	EUR	7,1200	7,1700	7,1200			7,1700					
Certificate	NL0012431613	NOVON256.5TL OPENH	EUR	6,4800	6,5300	6,4800			6,5300					
Certificate	NL0012431605	NOVON261.6TL OPENH	EUR	5,8500	5,9000	5,8500			5,9000					
Certificate	NL0012432124	NOVON271.8TL OPENH	EUR											
Certificate	NL0013081755	NOVON280.1TS OPENH	EUR											
Certificate	NL0013085152	NOVON285.1TS OPENH	EUR	4,7600	4,7600	4,7200			4,7200					
Certificate	NL0012907943	NOVON295.1TS OPENH	EUR	6,2200	6,2200	6,1700			6,1700					
Certificate	NL0012901151	NOVON313.2TS OPENH	EUR	8,9000	8,9000	8,8400			8,8400					
Certificate	NL0012934236	NOVON321.5TS OPENH	EUR	10,1300	10,1300	10,0800			10,0800					
Certificate	NL0012562151	NOVON328.2TS OPENH	EUR	11,1300	11,1300	11,0900			11,0900					
Certificate	NL0012931257	NOVON336.2TS OPENH	EUR	12,3200	12,3200	12,2700			12,2700					
Certificate	NL0012601868	NOVON344.1TS OPENH	EUR	13,5000	13,5000	13,4500			13,4500					
Certificate	NL0012598593	NOVON344.8TS OPENH	EUR	13,5900	13,5900	13,5400			13,5400					
Certificate	NL0012846687	NOVON344.9TS OPENH	EUR	13,6100	13,6100	13,5600			13,5600					
Certificate	NL0011933973	NOVON345.3TS OPENH	EUR	13,6700	13,6700	13,6200			13,6200					
Certificate	NL0012545685	NOVON355.7TS OPENH	EUR	15,2100	15,2100	15,1700			15,1700					
Certificate	NL0011407184	NOVON359.4TS OPENH	EUR	15,7700	15,7700	15,7200			15,7200					
Certificate	NL0012556153	NOVON377.1TS OPENH	EUR	18,4000	18,4000	18,3500			18,3500					
Certificate	NL0012583629	NOVON378.5TS OPENH	EUR	18,6100	18,6100	18,5600			18,5600					
Certificate	NL0012536718	NOVON384.4TS OPENH	EUR	19,5000	19,5000	19,4500			19,4500					
Certificate	NL0012523922	NOVON385.1TS OPENH	EUR	19,5900	19,5900	19,5500			19,5500					
Certificate	NL0012556146	NOVON406.6TS OPENH	EUR	22,7800	22,7800	22,7400			22,7400					
Certificate	NL0012556138	NOVON426.2TS OPENH	EUR	25,7200	25,7200	25,6700			25,6700					
Certificate	DE000CE6CQR4	NSTec20.29TL OPENZ	EUR											
Certificate	DE000CE6CQO6	NSTec22.81TL OPENZ	EUR											
Certificate	DE000CE6CNU5	NSTec25.31TL OPENZ	EUR											
Certificate	DE000CE6CNT7	NSTec27.89TL OPENZ	EUR											
Certificate	DE000CV4Z1C7	NSTec30.56TL OPENZ	EUR											
Certificate	DE000CV8B2W7	NSTec32.71TL OPENZ	EUR											
Certificate	NL0010443446	NTFLX 39TL OPENB	EUR	194,0000	194,0000	194,0000			194,0000					
Certificate	NL0010516274	NTFLX 45TL OPENB	EUR	190,7100	190,7100	190,7100			190,7100					
Certificate	DE000CY50RN3	NTFLX 160TL OPENC	EUR	15,8500	15,8500	15,8500			15,8500					
Certificate	DE000CY51DM3	NTFLX 170TL OPENC	EUR	15,0400	15,0400	15,0400			15,0400					
Certificate	DE000CY52AQ8	NTFLX 180TL OPENC	EUR	14,3100	14,3100	14,3100			14,3100					
Certificate	DE000CY52PG7	NTFLX 200TL OPENC	EUR	13,4900	13,4900	12,6100	2698,0000	1	12,6100	200				
Certificate	DE000CY52PB8	NTFLX 220TL OPENC	EUR	13,2000	13,2000	13,2000			13,2000					
Certificate	DE000CY52PH5	NTFLX 225TL OPENC	EUR	10,3300	10,3300	10,3300			10,3300					
Certificate	DE000CY52PC6	NTFLX 235TL OPENC	EUR	12,0100	12,0100	12,0100			12,0100					
Certificate	DE000CQ5A9F1	NTFLX 240TL OPENC	EUR	10,7500	10,7500	10,7500			10,7500					
Certificate	DE000CQ5A6F7	NTFLX 240TL OPENC	EUR	9,1000	9,1000	9,1000			9,1000					
Certificate	DE000CQ5A126	NTFLX 250TL OPENC	EUR	8,1000	8,1000	8,1000			8,1000					
Certificate	DE000CQ5A9G9	NTFLX 260TL OPENC	EUR	9,0900	9,0900	9,0900			9,0900					
Certificate	DE000VASRH16	NTFLX 260TL OPENV	EUR	9,0050	9,0050	9,0050			9,0050					
Certificate	DE000VASRHC6	NTFLX 265TL OPENV	EUR	8,5750	8,5750	8,5750			8,5750					
Certificate	DE000CV8AEB3	NTFLX 270TL 1218Z	EUR	3,7050	3,7050	3,7050			3,7050					
Certificate	DE000CQ5ALK2	NTFLX 270TL OPENC	EUR	8,3700	8,3700	8,3700			8,3700					
Certificate	DE000CQ5AIB5	NTFLX 270TL OPENC	EUR	7,4900	7,4900	6,2100	1548,0600	3	6,5200	238				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA5RG33	NTFLX 270TL OPENV	EUR	8,1550	8,1550	8,1550			8,1550					
Certificate	DE000VA4YVH9	NTFLX 275TL OPENV	EUR	6,5650	6,5650	6,5650			6,5650					
Certificate	DE000VA4YVB2	NTFLX 275TL OPENV	EUR	7,6750	7,6750	7,6750			7,6750					
Certificate	DE000CQ5ALL0	NTFLX 280TL OPENC	EUR	7,5500	7,5500	7,5500			7,5500					
Certificate	DE000CQ5AJC3	NTFLX 280TL OPENC	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	DE000VA4YVK3	NTFLX 280TL OPENV	EUR	6,1250	6,1250	6,1250			6,1250					
Certificate	DE000VA4YVD8	NTFLX 280TL OPENV	EUR	7,2550	7,2550	7,2550			7,2550					
Certificate	DE000VA4YYL1	NTFLX 285TL OPENV	EUR	5,6850	5,6850	5,6850			5,6850					
Certificate	DE000VA4YVF3	NTFLX 285TL OPENV	EUR	6,8350	6,8350	6,8350			6,8350					
Certificate	DE000CQ5AQ77	NTFLX 290TL OPENC	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	DE000VA4YXU4	NTFLX 290TL OPENV	EUR	6,4150	6,4150	6,4150			6,4150					
Certificate	DE000VA4YXV2	NTFLX 290TL OPENV	EUR	6,0500	6,0500	5,2350	1008,0500	2	5,2350	168				
Certificate	DE000VA4YVM5	NTFLX 295TL OPENV	EUR											
Certificate	DE000VA4YU94	NTFLX 295TL OPENV	EUR											
Certificate	DE000CV8AH83	NTFLX 300TL 1218Z	EUR	2,4050	2,4050	2,4050			2,4050					
Certificate	DE000CQ5BAJ5	NTFLX 300TL OPENC	EUR	6,9800	6,9800	6,0900	698,0000	1	6,0900	100				
Certificate	DE000VA5EPB9	NTFLX 300TL OPENV	EUR	5,6150	5,6150	5,6150			5,6150					
Certificate	DE000VA4YVA0	NTFLX 300TL OPENV	EUR											
Certificate	DE000VA4YVN3	NTFLX 300TL OPENV	EUR											
Certificate	DE000VA4YVB8	NTFLX 305TL OPENV	EUR											
Certificate	DE000VA4YVP8	NTFLX 305TL OPENV	EUR											
Certificate	DE000VA5EPC7	NTFLX 305TL OPENV	EUR	5,1950	5,1950	5,1950			5,1950					
Certificate	DE000VA5EPD5	NTFLX 310TL OPENV	EUR	4,7735	4,7735	4,7735			4,7735					
Certificate	DE000VA4YVQ6	NTFLX 310TL OPENV	EUR											
Certificate	DE000VA4YVC6	NTFLX 310TL OPENV	EUR											
Certificate	DE000VA4YVR4	NTFLX 315TL OPENV	EUR											
Certificate	DE000VA5RKA4	NTFLX 315TL OPENV	EUR											
Certificate	DE000VA4YVD4	NTFLX 315TL OPENV	EUR											
Certificate	DE000CV8B391	NTFLX 320TL 1218Z	EUR											
Certificate	DE000CP06Y96	NTFLX 320TL OPENC	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	DE000CP07BE4	NTFLX 320TL OPENC	EUR	5,0600	5,0600	5,0600			5,0600					
Certificate	DE000CP06339	NTFLX 320TL OPENC	EUR											
Certificate	DE000CP061F1	NTFLX 320TL OPENC	EUR											
Certificate	DE000VA4YVS2	NTFLX 320TL OPENV	EUR											
Certificate	DE000VA5RKB2	NTFLX 320TL OPENV	EUR											
Certificate	DE000VA4YVE2	NTFLX 320TL OPENV	EUR											
Certificate	DE000VA4YVT0	NTFLX 325TL OPENV	EUR											
Certificate	DE000VA4YVF9	NTFLX 325TL OPENV	EUR											
Certificate	DE000VA5RKT4	NTFLX 325TL OPENV	EUR											
Certificate	DE000CP06UZ1	NTFLX 340TS OPENC	EUR											
Certificate	DE000CJ3PCQ0	NTFLX 350TL 1218Z	EUR											
Certificate	NL0013010200	NTFLX 351TS OPENB	EUR											
Certificate	DE000CP07BF1	NTFLX 360TS OPENC	EUR											
Certificate	DE000CP06V08	NTFLX 360TS OPENC	EUR											
Certificate	DE000VA7TAW1	NTFLX 367TS OPENV	EUR											
Certificate	DE000VA4YUJ3	NTFLX 367TS OPENV	EUR											
Certificate	DE000VA4YUX4	NTFLX 367TS OPENV	EUR											
Certificate	DE000VA4YUK1	NTFLX 372TS OPENV	EUR											
Certificate	DE000VA4YUY2	NTFLX 372TS OPENV	EUR											
Certificate	DE000VA4YUL9	NTFLX 377TS OPENV	EUR											
Certificate	DE000VA4YUZ9	NTFLX 377TS OPENV	EUR											
Certificate	DE000CQ5BLQ7	NTFLX 380TL OPENC	EUR											
Certificate	DE000CQ5BJG2	NTFLX 380TL OPENC	EUR											
Certificate	DE000CP06V16	NTFLX 380TS OPENC	EUR											
Certificate	DE000CP07BG9	NTFLX 380TS OPENC	EUR											
Certificate	DE000VA4YU03	NTFLX 382TS OPENV	EUR											
Certificate	DE000VA4YUM7	NTFLX 382TS OPENV	EUR											
Certificate	DE000VA4YUN5	NTFLX 387TS OPENV	EUR											
Certificate	DE000VA4YU11	NTFLX 387TS OPENV	EUR											
Certificate	DE000VA4YUP0	NTFLX 392TS OPENV	EUR											
Certificate	DE000VA4YU29	NTFLX 392TS OPENV	EUR											
Certificate	DE000VA4YU37	NTFLX 397TS OPENV	EUR											
Certificate	DE000VA4YUQ8	NTFLX 397TS OPENV	EUR											
Certificate	DE000CQ5BQ76	NTFLX 400TS OPENC	EUR	4,0700	4,1500	4,0600	4070,0000	1	4,1500	1000				
Certificate	DE000CP06362	NTFLX 400TS OPENC	EUR	6,9300	6,9300	6,9300			6,9300					
Certificate	DE000CQ5BAS6	NTFLX 400TS OPENC	EUR											
Certificate	DE000CQ5B1P6	NTFLX 400TS OPENC	EUR											
Certificate	DE000VA4YU45	NTFLX 402TS OPENV	EUR											
Certificate	DE000VA4YUR6	NTFLX 402TS OPENV	EUR											
Certificate	DE000VA4YUS4	NTFLX 407TS OPENV	EUR											
Certificate	DE000VA4YU52	NTFLX 407TS OPENV	EUR											
Certificate	DE000CQ5BET6	NTFLX 410TS 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	DE000VA4YUT2	NTFLX 412TS OPENV	EUR											
Certificate	DE000VA4YU60	NTFLX 412TS OPENV	EUR											
Certificate	DE000VA4YUU0	NTFLX 417TS OPENV	EUR											
Certificate	DE000VA4YU78	NTFLX 417TS OPENV	EUR											
Certificate	DE000CP06370	NTFLX 420TS OPENC	EUR	8,8100	8,8100	8,8100			8,8100					
Certificate	DE000CQ58JH0	NTFLX 420TS OPENC	EUR											
Certificate	DE000CQ58Q84	NTFLX 420TS OPENC	EUR	5,8900	5,8900	5,8900			5,8900					
Certificate	DE000VA4YU86	NTFLX 422TS OPENV	EUR											
Certificate	DE000VA4YUV8	NTFLX 422TS OPENV	EUR											
Certificate	NL0012971949	NTFLX 427TS OPENB	EUR	11,8450	11,8450	11,8450			11,8450					
Certificate	DE000VA4YWE0	NTFLX 427TS OPENV	EUR	8,4450	8,4450	8,4450			8,4450					
Certificate	DE000VA4YWC4	NTFLX 427TS OPENV	EUR	6,5350	6,5350	6,5350			6,5350					
Certificate	DE000VA4YWD2	NTFLX 432TS OPENV	EUR	6,9750	6,9750	6,9750			6,9750					
Certificate	DE000VA6D3J6	NTFLX 442TS OPENV	EUR	7,9050	7,9050	7,9050			7,9050					
Certificate	DE000VA6D336	NTFLX 447TS OPENV	EUR	8,3350	8,3350	8,3350			8,3350					
Certificate	DE000CQ58JH6	NTFLX 450TS OPENC	EUR	11,4600	11,4600	11,4600			11,4600					
Certificate	DE000CQ58LS3	NTFLX 450TS OPENC	EUR	8,4400	8,4400	8,4400			8,4400					
Certificate	DE000VA640J8	NTFLX 467TS OPENV	EUR	10,1250	10,1250	10,1250			10,1250					
Certificate	DE000CQ58NK6	NTFLX 480TS OPENC	EUR	11,0700	11,0700	11,0700			11,0700					
Certificate	DE000VA7TGS6	NTFLX 347.TS OPENV	EUR											
Certificate	DE000VA7TGU2	NTFLX 357.TS OPENV	EUR											
Certificate	NL0013006307	NTFLX 370.85 OPENB	EUR											
Certificate	DE000VA5EN70	NTFLX 392.TS OPENV	EUR	5,2650	5,2650	5,2650			5,2650					
Certificate	DE000VA5EN88	NTFLX 397.TS OPENV	EUR	5,7250	5,7250	5,7250			5,7250					
Certificate	DE000VA5EN96	NTFLX 402.TS OPENV	EUR	6,1850	6,1850	6,1850			6,1850					
Certificate	DE000VA5EPA1	NTFLX 407.TS OPENV	EUR	6,6350	6,6350	6,6350			6,6350					
Certificate	NL0012980643	NTFLX 408.85 OPENB	EUR	4,9950	4,9950	4,9950			4,9950					
Certificate	DE000VA5RPJ4	NTFLX 412.TS OPENV	EUR	7,1250	7,1250	7,1250			7,1250					
Certificate	DE000VA5RPL0	NTFLX 417.TS OPENV	EUR	7,5850	7,5850	7,5850			7,5850					
Certificate	DE000VA5RQV7	NTFLX 432.TS OPENV	EUR	8,9550	8,9550	8,9550			8,9550					
Certificate	NL0010913513	NTFLX 47.9TL OPENB	EUR	188,6900	188,6900	188,6900			188,6900					
Certificate	NL0011092440	NTFLX 81.8TL OPENB	EUR	170,3000	170,3000	170,3000			170,3000					
Certificate	NL0011247630	NTFLX 85.8TL OPENB	EUR	168,1400	168,1400	168,1400			168,1400					
Certificate	NL0011915574	NTFLX101.68L OPENB	EUR	21,9000	21,9000	21,9000			21,9000					
Certificate	NL0012020796	NTFLX104.1TL OPENB	EUR	22,5900	22,5900	22,5900			22,5900					
Certificate	NL0011741186	NTFLX154.9TS OPENH	EUR											
Certificate	DE000CV8AHQ4	NTFLX214.1TL OPENZ	EUR	6,0200	6,0200	6,0200			6,0200					
Certificate	DE000VA5RH24	NTFLX260.6TL OPENV	EUR	7,9050	7,9050	7,9050			7,9050					
Certificate	DE000CV89X73	NTFLX264.8TL OPENZ	EUR	3,8250	3,8250	3,8250			3,8250					
Certificate	DE000VA5RG41	NTFLX270.4TL OPENV	EUR	7,0250	7,0250	7,0250			7,0250					
Certificate	DE000CV8AHR2	NTFLX284.7TL OPENZ	EUR	2,9650	2,9650	2,9650			2,9650					
Certificate	DE000VA5RBC9	NTFLX300.1TL OPENV	EUR	4,3855	4,3855	4,3855			4,3855					
Certificate	DE000CV89A96	NTFLX304.6TL OPENZ	EUR											
Certificate	DE000VA5RBD7	NTFLX305.1TL OPENV	EUR	3,9455	3,9455	3,9455			3,9455					
Certificate	DE000CV89X65	NTFLX305.2TL OPENZ	EUR	2,3000	2,3000	2,0850	1576,5000	2	2,0850	715				
Certificate	DE000VA5RBE5	NTFLX310.1TL OPENV	EUR	3,5055	3,5055	3,5055			3,5055					
Certificate	DE000VA5RKC0	NTFLX315.6TL OPENV	EUR											
Certificate	DE000VA7THU0	NTFLX322.5TL OPENV	EUR	4,0005	4,0005	4,0005			4,0005					
Certificate	DE000VA7TGW8	NTFLX323.1TL OPENV	EUR	2,8320	2,8515	2,6465	283,2000	1	2,6465	100				
Certificate	DE000CV88B2J4	NTFLX324.7TL OPENZ	EUR											
Certificate	DE000CJ3PDR6	NTFLX330.1TL OPENZ	EUR	0,8100	1,0350	0,8100	730,0000	3	1,0350	800				
Certificate	DE000VA71X00	NTFLX332.5TL OPENV	EUR	3,2725	3,2725	3,2725			3,2725					
Certificate	DE000VA71TX4	NTFLX332.5TL OPENV	EUR											
Certificate	DE000VA7THR6	NTFLX341.1TS OPENV	EUR											
Certificate	DE000VA71X18	NTFLX342.5TL OPENV	EUR	2,6455	2,6455	2,6455			2,6455					
Certificate	DE000VA71W92	NTFLX343.2TL OPENV	EUR	1,5680	1,5680	1,4015	1999,2000	1	1,4015	1275				
Certificate	DE000VA7TE07	NTFLX346.9TL OPENV	EUR											
Certificate	DE000VA7THS4	NTFLX351.1TS OPENV	EUR											
Certificate	NL0012772867	NTFLX351.5TS OPENB	EUR											
Certificate	NL0013012073	NTFLX352.48S OPENB	EUR											
Certificate	DE000VA71X42	NTFLX352.5TL OPENV	EUR											
Certificate	DE000VA71XB2	NTFLX353.2TL OPENV	EUR											
Certificate	NL0012772685	NTFLX353.68S OPENB	EUR											
Certificate	DE000CJ3PDS4	NTFLX355.1TL OPENZ	EUR											
Certificate	DE000CJ3NS29	NTFLX358.7TS OPENZ	EUR											
Certificate	DE000VA7TA50	NTFLX361.1TS OPENV	EUR											
Certificate	DE000VA71X59	NTFLX362.5TL OPENV	EUR											
Certificate	DE000VA71XC0	NTFLX363.2TL OPENV	EUR											
Certificate	NL0013005952	NTFLX368.6TS OPENB	EUR											
Certificate	DE000VA7PWF8	NTFLX371.1TS OPENV	EUR											
Certificate	DE000VA71X75	NTFLX372.5TL OPENV	EUR											
Certificate	DE000VA71XD8	NTFLX373.2TL 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	DE000VA7PVB9	NTFLX381.1TS OPENV	EUR	4,3555	4,3555	4,3555			4,3555					
Certificate	NL0012982565	NTFLX387.2TS OPENB	EUR	8,2200	8,2200	7,8750	411,0000	1	7,8750	50				
Certificate	NL0012982201	NTFLX388.5BS OPENB	EUR	3,3250	3,3250	3,3250			3,3250					
Certificate	DE000VASENT6	NTFLX391.9TS OPENV	EUR	2,9110	3,8315	2,8825	3809,2200	11		1130				
Certificate	DE000VASENV2	NTFLX396.9TS OPENV	EUR	3,9395	3,9395	3,9395			3,9395					
Certificate	DE000CV8A7J4	NTFLX398.6TS OPENZ	EUR	1,6800	2,1500	1,6800	766,0000	2		400				
Certificate	DE000VASENW0	NTFLX401.9TS OPENV	EUR	4,3735	4,3735	4,3735			4,3735					
Certificate	NL0012982003	NTFLX406.6TS OPENB	EUR	9,8150	9,8150	9,8150			9,8150					
Certificate	DE000VASENY6	NTFLX406.9TS OPENV	EUR	4,8075	4,8075	4,8075			4,8075					
Certificate	DE000VASEN05	NTFLX411.9TS OPENV	EUR	5,2450	5,2450	5,2450			5,2450					
Certificate	DE000VASRPC9	NTFLX416.6TS OPENV	EUR	5,6850	5,6850	5,6850			5,6850					
Certificate	NL0012972236	NTFLX428.4BS OPENB	EUR	5,8300	7,0400	5,8300	5824,5000	5	6,7750	900				
Certificate	DE000VASRPD7	NTFLX436.6TS OPENV	EUR	7,4150	7,4150	7,4150			7,4150					
Certificate	DE000CV899C3	NTFLX448.8TS OPENZ	EUR	4,2450	4,2450	4,2450			4,2450					
Certificate	NL0012973838	NTFLX449.8BS OPENB	EUR	8,6350	8,6350	8,6350			8,6350					
Certificate	DE000CV89GT7	NTFLX499.2TS OPENZ	EUR	6,4300	6,4300	6,4300			6,4300					
Certificate	NL0011910500	NTFLX83.61BL OPENB	EUR	23,4600	23,4600	23,4600			23,4600					
Certificate	DE000CR9SF41	NTFLX92.23TL OPENZ	EUR	23,0400	23,0400	23,0400			23,0400					
Certificate	DE000CN6GJ84	NTR 37.36TL OPENZ	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	DE000CE6DY29	NTR 42.46TL OPENZ	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	NL0012787725	NVDA 339TS OPENB	EUR	118,9050	118,9050	118,9050			118,9050					
Certificate	NL0012018964	NVDA 66.9TL OPENB	EUR	156,2800	156,2800	156,2800			156,2800					
Certificate	NL0012037444	NVDA 89.4TL OPENB	EUR	138,4200	138,4200	138,4200			138,4200					
Certificate	NL0013010655	NVDA 248.7BS OPENB	EUR											
Certificate	NL0013009020	NVDA 261.2BS OPENB	EUR	18,6050	18,6050	18,6050			18,6050					
Certificate	NL0013007016	NVDA 274.2BS OPENB	EUR	29,9800	29,9800	29,9800			29,9800					
Certificate	NL0013005960	NVDA 282.5TS OPENB	EUR	64,1750	64,1750	64,1750			64,1750					
Certificate	NL0013005218	NVDA 287.9BS OPENB	EUR	41,9250	41,9250	41,9250			41,9250					
Certificate	NL0012992333	NVDA 302.3BS OPENB	EUR	54,4650	54,4650	54,4650			54,4650					
Certificate	NL0013004039	NVDA 317.5BS OPENB	EUR	67,6250	67,6250	67,6250			67,6250					
Certificate	NL0012995237	NVDA 406.6TS OPENB	EUR	184,3450	184,3450	184,3450			184,3450					
Certificate	NL0012016869	NVDA 65.37BL OPENB	EUR	152,6200	152,6200	152,6200			152,6200					
Certificate	NL0012024525	NVDA 68.71BL OPENB	EUR	149,7100	149,7100	149,7100			149,7100					
Certificate	NL0012032270	NVDA 79.75BL OPENB	EUR	140,1000	140,1000	140,1000			140,1000					
Certificate	NL0012032296	NVDA 88.05BL OPENB	EUR	132,8700	132,8700	132,8700			132,8700					
Certificate	NL0013009731	NXPI 64.2TL OPENB	EUR	1,7650	1,7650	1,7650			1,7650					
Certificate	NL0013007610	NXPI 65.8BL OPENB	EUR	1,2950	1,2950	1,2950			1,2950					
Certificate	NL0013005457	NXPI 69.2TL OPENB	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	NL0011799002	NXPI 74.3TL OPENB	EUR	9,5800	9,5800	9,5800			9,5800					
Certificate	NL0013005622	NXPI 87.5TS OPENB	EUR	1,6250	1,6250	1,6250			1,6250					
Certificate	NL0013001977	NXPI 97.5TS OPENB	EUR	2,5950	2,5950	2,5950			2,5950					
Certificate	NL0013001985	NXPI 107.5TS OPENB	EUR	3,5650	3,5650	3,5650			3,5650					
Certificate	DE000CJ3PBJ7	NXPI 54.01TL OPENZ	EUR	2,1650	2,1650	2,1650			2,1650					
Certificate	DE000CJ3PBK5	NXPI 63.01TL OPENZ	EUR	1,3850	1,3850	1,3850			1,3850					
Certificate	NL0013006638	NXPI 70.81BL OPENB	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	DE000CJ3PBL3	NXPI 72.01TL OPENZ	EUR	0,6150	0,6150	0,6150			0,6150					
Certificate	NL0013006646	NXPI 75.81BL OPENB	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	NL0013006778	NXPI 85.69BS OPENB	EUR	0,8050	0,8050	0,8050			0,8050					
Certificate	NL0013006786	NXPI 95.69BS OPENB	EUR	1,6750	1,6750	1,6750			1,6750					
Certificate	DE000CJ3NV72	NYRST 1.3TL OPENZ	EUR	0,2000	0,2000	0,1850	2000,0000	1	0,1850	10000				
Certificate	DE000CJ3NV64	NYRST 1.15TL OPENZ	EUR	0,2150	0,2150	0,2150			0,2150					
Certificate	DE000CJ3NVM4	NYRST 1.46TL OPENZ	EUR	0,1550	0,1550	0,1550			0,1550					
Certificate	DE000CJ3NVN2	NYRST 1.66TL OPENZ	EUR	0,1100	0,1100	0,1100			0,1100					
Certificate	DE000CJ3NSM0	NYRST 1.88TL OPENZ	EUR	0,0680	0,0680	0,0680			0,0680					
Certificate	DE000CJ3NW63	NYRST 2.03TL OPENZ	EUR	0,0700	0,0700	0,0600	663,0000	2	0,0625	10200				
Certificate	DE000CJ3NP5	NYRST 2.23TL OPENZ	EUR											
Certificate	DE000CJ3NSP3	NYRST 3.09TS OPENZ	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	DE000CJ3NRM2	NYRST 3.54TS OPENZ	EUR	0,3650	0,3650	0,3650			0,3650					
Certificate	DE000CV8B2X5	NYRST 4.72TS OPENZ	EUR											
Certificate	DE000CV89486	NYRST 5.17TS OPENZ	EUR	0,7350	0,7350	0,7350			0,7350					
Certificate	DE000CV88566	NYRST 6.06TS OPENZ	EUR	0,9250	0,9250	0,9250			0,9250					
Certificate	NL0011443965	NYRST11.28TS OPENB	EUR	1,9100	1,9200	1,9100			1,9200					
Certificate	NL0011440763	NYRST13.96TS OPENB	EUR	2,4500	2,4600	2,4500			2,4600					
Certificate	DE000CE6CAH9	OAT 129TL OPENZ	EUR	24,7500	24,9950	24,7500			24,9950					
Certificate	DE000CE6CAJ5	OAT 136.9TL OPENZ	EUR	17,0100	17,2550	17,0100			17,2550					
Certificate	DE000CJ3NWW1	OAT 144.7TL OPENZ	EUR	9,0400	9,2800	9,0400			9,2800					
Certificate	DE000CE6CAL1	OAT 154.2TS OPENZ	EUR	6,7300	6,7300	6,4850			6,4850					
Certificate	DE000CV87RM3	OAT 163.9TS OPENZ	EUR	16,6200	16,6200	16,3850			16,3850					
Certificate	NL0012780332	OCI 18TL OPENB	EUR	10,3250	10,3350	10,3250			10,3350					
Certificate	NL0012615645	OCI 20TL OPENH	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	NL0012986418	OCI 30TS OPENB	EUR	5,5550	5,5550	5,4750			5,4750					
Certificate	NL0012994594	OCI 33TS OPENB	EUR	8,7550	8,7550	8,6750			8,6750					



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	NL0011637327	OCI 9.5TL OPENB	EUR	18,2650	18,2750	18,2650			18,2750					
Certificate	NL0011809793	OCI 10.6TL OPENB	EUR	17,2550	17,2650	17,2550			17,2650					
Certificate	NL0012036057	OCI 13.8TL OPENB	EUR	14,2650	14,2750	14,2650			14,2750					
Certificate	NL0012100614	OCI 14.9TL OPENB	EUR	13,2250	13,2350	13,2250			13,2350					
Certificate	NL0012493126	OCI 16.9TL OPENB	EUR	11,2950	11,3050	11,2950			11,3050					
Certificate	NL0012783807	OCI 19.1TL OPENB	EUR	9,2950	9,3050	9,2950			9,3050					
Certificate	NL0012615652	OCI 19.5TL OPENH	EUR	0,9300	0,9300	0,9200			0,9200					
Certificate	NL0012787105	OCI 20.1TL OPENB	EUR	8,3750	8,3850	8,3750			8,3850					
Certificate	NL0012789911	OCI 22.1TL OPENB	EUR	6,5050	6,5150	6,5050			6,5150					
Certificate	NL0012986343	OCI 25.1TL OPENB	EUR	3,6850	4,0650	3,6850	808,0000	1	3,6950	200				
Certificate	NL0012991830	OCI 26.2TL OPENB	EUR	2,6950	2,7050	2,6950			2,7050					
Certificate	DE000CJ3N278	OCI 26.9TL OPENZ	EUR											
Certificate	NL0013010218	OCI 28.5TS OPENB	EUR											
Certificate	NL0012864847	OCI 29.6TS OPENH	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	NL0012992655	OCI 31.5TS OPENB	EUR	7,1250	7,1250	7,0450			7,0450					
Certificate	NL0012796536	OCI 32.5OC1219Z	EUR	27,5800	27,5800	27,5800			27,5800					
Certificate	NL0011735576	OCI 10.88TL OPENH	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	DE000CNGLHO5	OCI 11.54TL OPENZ	EUR	15,9400	15,9400	15,9400			15,9400					
Certificate	NL0011995469	OCI 12.69TL OPENH	EUR											
Certificate	NL0012032304	OCI 12.988L OPENB	EUR	14,4050	14,4150	14,4050			14,4150					
Certificate	NL0011997010	OCI 13.12TL OPENH	EUR	1,5100	1,5100	1,5000			1,5000					
Certificate	DE000CE6E9Z0	OCI 13.45TL OPENZ	EUR											
Certificate	NL0012049332	OCI 13.61TL OPENH	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	DE000CD63RU5	OCI 13.61TL OPENZ	EUR	13,9500	13,9500	13,9500			13,9500					
Certificate	DE000CD646B2	OCI 14.47TL OPENZ	EUR	12,6400	12,6400	12,6400			12,6400					
Certificate	DE000CD646L1	OCI 14.64TL OPENZ	EUR	12,9600	12,9600	12,9600			12,9600					
Certificate	NL0012100952	OCI 15.088L OPENB	EUR	12,3150	12,3250	12,3150			12,3250					
Certificate	NL0012053086	OCI 15.08TL OPENH	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	DE000CD64722	OCI 15.48TL OPENZ	EUR	11,6400	11,6400	11,6400			11,6400					
Certificate	NL0012437743	OCI 15.64TL OPENH	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	NL0012438311	OCI 16.14TL OPENH	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	DE000CE6EKG6	OCI 16.48TL OPENZ	EUR	10,6400	10,6400	10,6400			10,6400					
Certificate	DE000CE6EN55	OCI 16.71TL OPENZ	EUR	10,9700	10,9700	10,9700			10,9700					
Certificate	NL0012439715	OCI 16.98TL OPENH	EUR	1,1600	1,1600	1,1500			1,1500					
Certificate	NL0012439707	OCI 17.48TL OPENH	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	DE000CE6ENR7	OCI 17.97TL OPENZ	EUR	9,1500	9,1500	9,1500			9,1500					
Certificate	NL0012603690	OCI 17.99TL OPENH	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	NL0012605992	OCI 18.49TL OPENH	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	DE000CV88FN4	OCI 18.79TL OPENZ	EUR	8,9700	8,9700	8,9700			8,9700					
Certificate	DE000CV88FS3	OCI 18.96TL OPENZ	EUR	8,1700	8,1700	8,1700			8,1700					
Certificate	NL0012608095	OCI 18.99TL OPENH	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	NL0012786941	OCI 20.17BL OPENB	EUR	7,2150	7,2250	7,2150			7,2250					
Certificate	NL0012846711	OCI 20.51TL OPENH	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CV88UL7	OCI 20.87TL OPENZ	EUR	6,9700	6,9700	6,9700			6,9700					
Certificate	DE000CV88TY2	OCI 20.95TL OPENZ	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	NL0012789721	OCI 21.188L OPENB	EUR	6,2050	6,2150	6,2050			6,2150					
Certificate	NL0012926513	OCI 22.37TL OPENH	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	NL0012929459	OCI 22.86TL OPENH	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000CV8A4T0	OCI 22.94TL OPENZ	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	DE000CV8A4A0	OCI 22.95TL OPENZ	EUR	4,9700	4,9700	4,9700			4,9700					
Certificate	NL0012930861	OCI 23.86TL OPENH	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	NL0012982151	OCI 24.21BL OPENB	EUR	3,1850	3,1950	3,1850			3,1950					
Certificate	NL0012933311	OCI 24.35TL OPENH	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	NL0012934244	OCI 24.85TL OPENH	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	DE000CV8ANV2	OCI 24.92TL OPENZ	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	NL0012986830	OCI 25.21BL OPENB	EUR	2,1850	2,1950	2,1850			2,1950					
Certificate	NL0012889133	OCI 25.35TL OPENH	EUR	0,3900	0,3900	0,3900			0,3900					
Certificate	NL0012889992	OCI 25.85TL OPENH	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	NL0012991046	OCI 26.21BL OPENB	EUR	1,1850	1,1950	1,1850			1,1950					
Certificate	NL0012891865	OCI 26.35TL OPENH	EUR											
Certificate	DE000CJ3NN98	OCI 26.58TL OPENZ	EUR											
Certificate	NL0013085178	OCI 26.77TL OPENH	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	NL0012891857	OCI 26.85TL OPENH	EUR											
Certificate	NL0013081771	OCI 27.85TS OPENH	EUR											
Certificate	NL0013009038	OCI 27.95BS OPENB	EUR											
Certificate	DE000CJ3N5A2	OCI 29.32TS OPENZ	EUR											
Certificate	NL0012861462	OCI 30.07TS OPENH	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	NL0012790083	OCI 30.44BS OPENB	EUR	3,8850	3,8850	3,8050			3,8050					
Certificate	NL0012898035	OCI 30.77TS OPENH	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	NL0012898027	OCI 31.27TS OPENH	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	NL0012898472	OCI 32.77TS OPENH	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	DE000CV8AHE0	OCI 32.81TS OPENZ	EUR	5,5900	6,0100	5,5900	838,5000	3	6,0100	150				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012986236	OCI 32.92BS OPENB	EUR	6,3650	6,3650	6,2850			6,2850					
Certificate	NL0012898464	OCI 35.77TS OPENH	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	NL0012994131	OCI 35.42BS OPENB	EUR	8,8550	8,8550	8,7750			8,7750					
Certificate	NL0012898456	OCI 35.76TS OPENH	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	DE000CJ3NP54	OCI 36.31TS OPENZ	EUR	9,0800	9,5000	9,0800	908,0000	2	9,5000	100				
Certificate	DE000VN610V1	OILCR LEVOPENV	EUR	0,0660	0,0680	0,0620	2600,0000	2	0,0620	40000				
Certificate	DE000VL23R04	OILCR LEVOPENV	EUR	13,6650	13,6650	12,6150			12,6150					
Certificate	DE000VN610T5	OILCR LEVOPENV	EUR	12,9650	12,9650	12,6250			12,6250					
Certificate	DE000VN610U3	OILCR LEVOPENV	EUR	2,2050	2,2050	2,0850			2,0850					
Certificate	DE000CE6C1Q8	OILCR LEVOPENZ	EUR	18,8300	18,8300	18,2000			18,2000					
Certificate	DE000CE6C1S4	OILCR LEVOPENZ	EUR	2,4560	2,4560	2,2900			2,2900					
Certificate	DE000CE6C1P0	OILCR LEVOPENZ	EUR	12,7100	12,7100	12,6400			12,6400					
Certificate	DE000VN610Y5	OILCR SHROPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VN610W9	OILCR SHROPENV	EUR	1,5850	1,6350	1,5850			1,6350					
Certificate	DE000VN610X7	OILCR SHROPENV	EUR	0,0320	0,0340	0,0320			0,0340					
Certificate	DE000CE6C1T2	OILCR SHROPENZ	EUR	0,0010	0,0010	0,0010			0,0010					
Certificate	DE000CE6C1R6	OILCR SHROPENZ	EUR	0,3310	0,3430	0,3310			0,3430					
Certificate	NL0012531644	OILCR 51TL OPENH	EUR	17,1800	17,1800	17,1800			17,1800					
Certificate	LU1651900844	OILCR 54TCIOPENS	EUR	13,8100	13,8100	13,6500			13,6500					
Certificate	NL0012508394	OILCR 54TL OPENB	EUR	16,7900	16,7900	16,7900			16,7900					
Certificate	LU1817317883	OILCR 66TCIOPENS	EUR	3,2800	3,2800	3,1300			3,1300					
Certificate	LU1790449604	OILCR 80TCIOPENS	EUR	6,6700	6,8100	6,6700			6,8100					
Certificate	LU1790449869	OILCR 83TCIOPENS	EUR	9,2500	9,3900	9,2500			9,3900					
Certificate	NL0011636956	OILCR 25.4TL OPENB	EUR	39,8200	39,8200	39,8200			39,8200					
Certificate	NL0012312714	OILCR 25.9TL OPENH	EUR	38,4200	38,4200	38,4200			38,4200					
Certificate	NL0011535539	OILCR 34.4TL OPENB	EUR	32,6000	32,6000	32,6000			32,6000					
Certificate	NL0011244314	OILCR 38.5TL OPENH	EUR	28,0900	28,0900	28,0900			28,0900					
Certificate	NL0012274302	OILCR 38.7TL OPENB	EUR	29,1100	29,1100	29,1100			29,1100					
Certificate	NL0012312680	OILCR 40.6TL OPENH	EUR	25,9800	25,9800	25,9800			25,9800					
Certificate	NL0011528021	OILCR 40.8TL OPENB	EUR	27,4700	27,4700	27,4700			27,4700					
Certificate	NL0011531124	OILCR 40.9BL OPENB	EUR	25,0700	25,0700	25,0700			25,0700					
Certificate	NL0012497036	OILCR 49.4BL OPENB	EUR	17,4600	17,4600	17,4600			17,4600					
Certificate	NL0012511794	OILCR 55.1TL OPENB	EUR	15,9300	15,9300	15,9300			15,9300					
Certificate	LU1651900927	OILCR 55.5TCIOPENS	EUR	12,4700	12,4700	12,3100			12,3100					
Certificate	LU1651901222	OILCR 56.5TCIOPENS	EUR	11,5800	11,5800	11,4200			11,4200					
Certificate	NL0012695977	OILCR 57.1TL OPENB	EUR	14,3000	14,3000	14,3000			14,3000					
Certificate	LU1696583746	OILCR 57.5TCIOPENS	EUR	10,8100	10,8100	10,6500			10,6500					
Certificate	LU1696583829	OILCR 58.5TCIOPENS	EUR	9,9200	9,9200	9,7600			9,7600					
Certificate	DE000CV87HA9	OILCR 58.5TL OPENZ	EUR	10,0300	10,0300	9,6200			9,6200					
Certificate	LU1696584041	OILCR 59.5TCIOPENS	EUR	9,0300	9,0300	8,8700			8,8700					
Certificate	NL0012782031	OILCR 62.4BL OPENB	EUR	6,1400	6,1400	6,1400			6,1400					
Certificate	NL0012974422	OILCR 63.4BL OPENB	EUR	5,0000	5,2700	5,0000	50,0000	1	5,2700	10				
Certificate	NL0012991566	OILCR 65.2TL OPENB	EUR	7,6100	7,7800	7,6100	6849,0000	1	7,7800	900				
Certificate	NL0012991780	OILCR 65.4BL OPENB	EUR	3,3700	3,5200	3,0000	6008,0000	5	3,5200	1805				
Certificate	NL0012997290	OILCR 67.1TL OPENB	EUR	6,2300	6,2300	6,2300			6,2300					
Certificate	NL0013000193	OILCR 67.4BL OPENB	EUR	2,0000	2,1000	1,7800	410,0000	2	1,7800	200				
Certificate	NL0012999965	OILCR 68.2TL OPENB	EUR	5,3600	5,3600	5,3600			5,3600					
Certificate	NL0013001662	OILCR 68.4BL OPENB	EUR	1,2000	1,2000	0,6700	4617,0000	3	0,9100	4400				
Certificate	LU1840347865	OILCR 68.5TCIOPENS	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	NL0013000540	OILCR 69.2TL OPENB	EUR											
Certificate	NL0013001787	OILCR 70.2TL OPENB	EUR											
Certificate	NL0013012107	OILCR 72.5TS OPENB	EUR	4,7900	4,7900	4,7900			4,7900					
Certificate	NL0013009178	OILCR 74.4TS OPENB	EUR	6,5200	6,5200	6,5200			6,5200					
Certificate	NL0013005267	OILCR 76.4TS OPENB	EUR	8,3000	8,3000	8,3000			8,3000					
Certificate	NL0013003742	OILCR 78.4TS OPENB	EUR	13,9600	13,9600	13,9600			13,9600					
Certificate	NL0012565113	OILCR 79.6TS OPENH	EUR	10,8900	11,1600	10,8900	1415,7000	1	11,1600	130				
Certificate	NL0013004492	OILCR 80.3TS OPENB	EUR	15,8000	15,8000	15,8000			15,8000					
Certificate	NL0013004872	OILCR 82.3TS OPENB	EUR	13,6700	13,6700	13,6700			13,6700					
Certificate	LU1817317610	OILCR 84.5TCIOPENS	EUR	12,4700	12,6000	12,4700			12,6000					
Certificate	NL0012565105	OILCR 84.5TS OPENH	EUR	15,5500	15,5500	15,5500			15,5500					
Certificate	DE000CV89Q80	OILCR 85.3TS OPENZ	EUR	13,8300	14,2600	13,8300			14,2600					
Certificate	NL0012926414	OILCR105.9TS OPENH	EUR	34,7900	34,7900	34,7900			34,7900					
Certificate	NL0012312748	OILCR13.01TL OPENH	EUR	49,3400	49,3400	49,3400			49,3400					
Certificate	NL0012312730	OILCR16.13TL OPENH	EUR	46,7000	46,7000	46,7000			46,7000					
Certificate	NL0012312722	OILCR19.25TL OPENH	EUR	44,0500	44,0500	44,0500			44,0500					
Certificate	NL0011598222	OILCR24.38TL OPENH	EUR	39,9200	39,9200	39,9200			39,9200					
Certificate	NL0011727649	OILCR26.55TL OPENH	EUR	38,0900	38,0900	38,0900			38,0900					
Certificate	NL0011422308	OILCR27.54TL OPENH	EUR	37,2700	37,2700	37,2700			37,2700					
Certificate	NL0011422290	OILCR30.72TL OPENH	EUR	34,6000	34,6000	34,6000			34,6000					
Certificate	NL0011727565	OILCR34.96TL OPENH	EUR	31,0500	31,0500	31,0500			31,0500					
Certificate	NL0011244322	OILCR35.83TL OPENH	EUR	30,3200	30,3200	30,3200			30,3200					
Certificate	NL0011727540	OILCR37.06TL OPENH	EUR	29,2900	29,2900	29,2900			29,2900					



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	DE000CE6CP71	OILCR37.47TL OPENZ	EUR	28,3300	28,3300	27,9400			27,9400					
Certificate	NL0012312706	OILCR38.69TL OPENH	EUR	27,6000	27,6000	27,6000			27,6000					
Certificate	NL0011727524	OILCR39.16TL OPENH	EUR	27,5300	27,5300	27,5300			27,5300					
Certificate	NL0012312698	OILCR39.54TL OPENH	EUR	26,8800	26,8800	26,8800			26,8800					
Certificate	NL0012310304	OILCR40.09TL OPENH	EUR	26,4200	26,4200	26,4200			26,4200					
Certificate	NL0011727516	OILCR40.22TL OPENH	EUR	26,6400	26,6400	26,6400			26,6400					
Certificate	NL0012310296	OILCR41.13TL OPENH	EUR	25,5400	25,5400	25,5400			25,5400					
Certificate	NL0012372353	OILCR42.58TL OPENH	EUR	24,3000	24,3000	24,3000			24,3000					
Certificate	NL0012434203	OILCR43.59TL OPENH	EUR	23,4500	23,4500	23,4500			23,4500					
Certificate	DE000CE6DRM1	OILCR44.55TL OPENZ	EUR	22,1700	22,1700	21,7750			21,7750					
Certificate	NL0012439418	OILCR45.32TL OPENH	EUR	21,9900	21,9900	21,9900			21,9900					
Certificate	DE000CE6DTG9	OILCR45.58TL OPENZ	EUR	21,2800	21,2800	20,8800			20,8800					
Certificate	DE000CE6EOK1	OILCR46.55TL OPENZ	EUR	20,4300	20,4300	20,0350			20,0350					
Certificate	NL0012525786	OILCR46.98TL OPENH	EUR	20,5900	20,5900	20,5900			20,5900					
Certificate	DE000CE6EN22	OILCR47.55TL OPENZ	EUR	19,5600	19,5600	19,1600			19,1600					
Certificate	NL0012494975	OILCR48.38BL OPENB	EUR	18,3500	18,3500	18,3500			18,3500					
Certificate	DE000CE6EW05	OILCR48.59TL OPENZ	EUR	18,6600	18,6600	18,2600			18,2600					
Certificate	NL0012529333	OILCR48.97TL OPENH	EUR	18,9000	18,9000	18,9000			18,9000					
Certificate	DE000CE6EXG9	OILCR49.54TL OPENZ	EUR	17,8300	17,8300	17,4350			17,4350					
Certificate	NL0012501415	OILCR50.14BL OPENB	EUR	16,8100	16,8100	16,8100			16,8100					
Certificate	DE000CE6FE89	OILCR50.53TL OPENZ	EUR	16,9700	16,9700	16,5750			16,5750					
Certificate	DE000CE6FE97	OILCR51.54TL OPENZ	EUR	16,0900	16,0900	15,6950			15,6950					
Certificate	NL0012548465	OILCR52.45TL OPENH	EUR	15,9500	15,9500	15,9500			15,9500					
Certificate	DE000CE6FH52	OILCR52.62TL OPENZ	EUR	15,1400	15,1400	14,7400			14,7400					
Certificate	DE000CE6FHH7	OILCR53.52TL OPENZ	EUR	14,3600	14,3600	13,9600			13,9600					
Certificate	NL0012551188	OILCR54.44TL OPENH	EUR	14,2700	14,2700	14,2700			14,2700					
Certificate	DE000CE6FHJ3	OILCR54.52TL OPENZ	EUR	13,4900	13,4900	13,0900			13,0900					
Certificate	NL0012512131	OILCR55.27BL OPENB	EUR	12,3500	12,3500	12,3500			12,3500					
Certificate	DE000CV4YR87	OILCR55.51TL OPENZ	EUR	12,6400	12,6400	12,2350			12,2350					
Certificate	NL0012613574	OILCR56.39TL OPENH	EUR	12,6200	12,6200	12,6200			12,6200					
Certificate	DE000CV4Z6N3	OILCR56.51TL OPENZ	EUR	11,7600	11,7600	11,3600			11,3600					
Certificate	NL0012696256	OILCR57.32BL OPENB	EUR	10,5600	10,5600	10,5600			10,5600					
Certificate	NL0012613566	OILCR58.42TL OPENH	EUR	10,9000	10,9000	10,9000			10,9000					
Certificate	NL0012690176	OILCR59.35BL OPENB	EUR	8,7900	8,7900	8,7900			8,7900					
Certificate	NL0012613558	OILCR59.43TL OPENH	EUR	10,0400	10,0400	10,0400			10,0400					
Certificate	NL0012775001	OILCR60.37BL OPENB	EUR	7,9000	7,9000	7,9000			7,9000					
Certificate	NL0012613541	OILCR60.44TL OPENH	EUR	9,1900	9,1900	9,1900			9,1900					
Certificate	DE000CV88186	OILCR60.53TL OPENZ	EUR	8,2600	8,2600	7,8500			7,8500					
Certificate	DE000VAGD922	OILCR60.72TL OPENV	EUR	8,0550	8,0550	7,6450			7,6450					
Certificate	LU1719639152	OILCR61.25TCIOPENS	EUR	7,7200	7,7200	7,5700			7,5700					
Certificate	NL0012781280	OILCR61.39BL OPENB	EUR	7,3900	7,3900	7,0200	4055,0000	2	7,0200	550				
Certificate	DE000VASRL02	OILCR61.66TL OPENV	EUR	7,1850	7,1850	6,7750			6,7750					
Certificate	NL0012920052	OILCR62.17TL OPENH	EUR	7,7200	7,7200	7,7200			7,7200					
Certificate	DE000CV88B62	OILCR62.49TL OPENZ	EUR	6,5500	6,5500	6,1400			6,1400					
Certificate	DE000VAGD930	OILCR62.72TL OPENV	EUR	6,3150	6,3150	5,9050			5,9050					
Certificate	DE000VASRL10	OILCR63.66TL OPENV	EUR	5,4450	5,4450	5,0315			5,0315					
Certificate	LU1817216697	OILCR63.75TCIOPENS	EUR	5,2000	5,2000	5,0500			5,0500					
Certificate	NL0012889679	OILCR64.11TL OPENH	EUR	6,0800	6,0800	6,0800			6,0800					
Certificate	NL0012991384	OILCR64.42BL OPENB	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	DE000CV8B334	OILCR64.49TL OPENZ	EUR	4,8250	4,8250	4,0200	847,0000	2	4,4150	200				
Certificate	DE000VAGD948	OILCR64.72TL OPENV	EUR	4,5745	4,5745	4,1605			4,1605					
Certificate	DE000VASRL28	OILCR65.66TL OPENV	EUR	3,6955	3,6955	3,2805			3,2805					
Certificate	NL0012890750	OILCR66.11TL OPENH	EUR	4,3900	4,3900	4,3900	1317,0000	1	4,3900	300				
Certificate	NL0012993620	OILCR66.41BL OPENB	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	DE000CV8B6L1	OILCR66.48TL OPENZ	EUR	3,0800	3,1300	2,6650	469,5000	1	2,6650	150				
Certificate	DE000VAGD955	OILCR66.72TL OPENV	EUR	2,8345	2,8345	2,4175			2,4175					
Certificate	DE000VAGECB5	OILCR67.72TL OPENV	EUR	1,9555	1,9555	1,5385			1,5385					
Certificate	NL0012902233	OILCR68.04TL OPENH	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	DE000CJ3NSF4	OILCR68.47TL OPENZ	EUR	1,3600	1,3600	0,9450			0,9450					
Certificate	DE000VAGTXV7	OILCR68.55TL OPENV	EUR	1,0855	1,0855	0,6715			0,6715					
Certificate	NL0012902225	OILCR69.05TL OPENH	EUR											
Certificate	NL0013003510	OILCR69.41BL OPENB	EUR											
Certificate	DE000VA77GA4	OILCR69.63TL OPENV	EUR											
Certificate	DE000VA71W50	OILCR70.49TL OPENV	EUR											
Certificate	NL0013003957	OILCR70.53BL OPENB	EUR											
Certificate	DE000VAGT1P9	OILCR70.56TL OPENV	EUR											
Certificate	NL0012905046	OILCR71.01TL OPENH	EUR											
Certificate	DE000CJ3NKK4	OILCR71.05TL OPENZ	EUR											
Certificate	DE000VA7TF71	OILCR73.49TS OPENV	EUR	3,1825	3,6025	3,1825			3,6025					
Certificate	NL0013081631	OILCR74.11TS OPENH	EUR	6,2200	6,2400	6,2200	1557,5000	1	6,2400	250				
Certificate	DE000CJ3N7L5	OILCR74.38TS OPENZ	EUR	4,3350	5,0000	4,3350	9555,0000	4	4,7550	2000				
Certificate	DE000VA7TF89	OILCR74.49TS OPENV	EUR	4,0525	4,4735	4,0525			4,4735					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013008055	OILCR75.37BS OPENB	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	DE000VA77F97	OILCR75.49TS OPENV	EUR	4,9225	5,3450	4,9225			5,3450					
Certificate	DE000CJ3N0K2	OILCR76.36TS OPENZ	EUR	6,0600	6,4700	6,0600			6,4700					
Certificate	DE000VA7PV67	OILCR76.51TS OPENV	EUR	5,7850	6,2050	5,7850			6,2050					
Certificate	NL0012861231	OILCR76.88TS OPENH	EUR	8,7100	8,7100	8,7100			8,7100					
Certificate	NL0012787238	OILCR77.37BS OPENB	EUR	7,7000	7,7000	7,2700	1232,0000	1	7,2700	160				
Certificate	DE000VA6D420	OILCR77.84TS OPENV	EUR	6,6450	7,0650	6,6450			7,0650					
Certificate	DE000CV4ZRA3	OILCR78.35TS OPENZ	EUR	7,7800	8,2000	7,7800			8,2000					
Certificate	DE000VAGT1N4	OILCR78.56TS OPENV	EUR	7,5150	7,9450	7,5150			7,9450					
Certificate	NL0012894182	OILCR78.63TS OPENH	EUR	10,2800	10,2800	10,2800			10,2800					
Certificate	NL0012791321	OILCR79.36BS OPENB	EUR	9,0000	9,0000	9,0000			9,0000					
Certificate	DE000VA7PN18	OILCR79.52TS OPENV	EUR	8,3850	8,8150	8,3850			8,8150					
Certificate	DE000CV4ZR55	OILCR80.34TS OPENZ	EUR	9,5200	9,9400	9,5200			9,9400					
Certificate	DE000VA640B5	OILCR80.52TS OPENV	EUR	9,2450	9,6750	9,2450			9,6750					
Certificate	NL0012902217	OILCR80.82TS OPENH	EUR	12,2500	12,2500	12,2500			12,2500					
Certificate	NL0012993851	OILCR81.36BS OPENB	EUR	10,7400	10,7400	10,7400			10,7400					
Certificate	DE000VA640C3	OILCR81.52TS OPENV	EUR	10,1150	10,5450	10,1150			10,5450					
Certificate	DE000VA640D1	OILCR82.52TS OPENV	EUR	10,9850	11,4150	10,9850			11,4150					
Certificate	DE000CJ3NXL2	OILCR82.85TS OPENZ	EUR	11,7000	12,1200	11,7000			12,1200					
Certificate	NL0013003528	OILCR83.36BS OPENB	EUR	12,4900	12,4900	12,4900			12,4900					
Certificate	DE000VA640E9	OILCR83.52TS OPENV	EUR	11,8550	12,2850	11,8550			12,2850					
Certificate	DE000VA7PU43	OILCR84.52TS OPENV	EUR	12,7350	13,1650	12,7350			13,1650					
Certificate	NL0013004328	OILCR85.36BS OPENB	EUR	14,2300	14,2300	14,2300			14,2300					
Certificate	DE000CV88H25	OILCR90.34TS OPENZ	EUR	18,2200	18,6500	18,2200			18,6500					
Certificate	NL0012861223	OILCR90.71TS OPENH	EUR	21,1300	21,1300	21,1300			21,1300					
Certificate	DE000CJ3NXM0	OILCR94.83TS OPENZ	EUR	22,1300	22,5700	22,1300			22,5700					
Certificate	NL0012613467	OILCR95.52TS OPENH	EUR	25,4400	25,4400	25,4400			25,4400					
Certificate	NL0012861215	OILCR95.65TS OPENH	EUR	25,5600	25,5600	25,5600			25,5600					
Certificate	DE000CJ3NXN8	OILCR99.33TS OPENZ	EUR	26,0400	26,4800	26,0400			26,4800					
Certificate	NL0000833317	OILGA PI OPENB	EUR	8,7700	8,7700	8,6600			8,6600					
Certificate	DE000CE6DB84	OJ 1.29TL OPENZ	EUR	1,6600	1,6800	1,6600			1,6800					
Certificate	DE000CV508H9	OJ 1.82TS OPENZ	EUR	4,1450	4,1450	4,1400			4,1400					
Certificate	DE000CV4ZH96	OJ 1.079TL OPENZ	EUR	3,4650	3,4850	3,4650			3,4850					
Certificate	DE000CD64FK9	OJ 1.183TL OPENZ	EUR	2,5950	2,6100	2,5950			2,6100					
Certificate	DE000CV508F3	OJ 1.394TL OPENZ	EUR	0,8350	0,8500	0,8350			0,8500					
Certificate	DE000CV4ZHC0	OJ 1.724TS OPENZ	EUR	3,2750	3,2750	3,2750			3,2750					
Certificate	DE000CV88LW3	OJ 1.915TS OPENZ	EUR	5,0150	5,0150	5,0050			5,0050					
Certificate	DE000CE6C8U5	OMXS 1123TL OPENZ	EUR	4,0450	4,0450	4,0450			4,0450					
Certificate	DE000CE6CY05	OMXS 1243TL OPENZ	EUR	2,8950	2,8950	2,8950			2,8950					
Certificate	DE000CE6C8T7	OMXS 1362TL OPENZ	EUR	1,7450	1,7450	1,7450			1,7450					
Certificate	DE000CV87K96	OMXS 1462TL OPENZ	EUR	0,7850	0,7850	0,7850			0,7850					
Certificate	DE000CV8B1G2	OMXS 1560TL OPENZ	EUR											
Certificate	DE000CJ3N6P8	OMXS 1653TS OPENZ	EUR	1,1150	1,1150	1,1150			1,1150					
Certificate	DE000CE6C8W1	OMXS 1752TS OPENZ	EUR	2,0750	2,0750	2,0750			2,0750					
Certificate	DE000CE6CY13	OMXS 1912TS OPENZ	EUR	3,6150	3,6150	3,6150			3,6150					
Certificate	DE000CV88NU3	OMXS 2120TS OPENZ	EUR	5,6100	5,6100	5,6100			5,6100					
Certificate	DE000CJ3N3Q3	ONTEX10.17TL OPENZ	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	NL0013006927	ONTEX11.04BL OPENB	EUR	1,3950	1,4450	1,3950			1,4450					
Certificate	DE000CV4ZRX5	ONTEX11.17TL OPENZ	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	DE000CV8B8J1	ONTEX12.88TL OPENZ	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	NL0012998033	ONTEX13.03BL OPENB	EUR	0,9950	1,0450	0,9950			1,0450					
Certificate	DE000CV4ZRW7	ONTEX14.01TL OPENZ	EUR	0,4800	0,5100	0,4800	240,0000	1	0,5100	500				
Certificate	NL0012998041	ONTEX15.04BL OPENB	EUR	0,5950	0,6450	0,5950			0,6450					
Certificate	DE000CV8B8K9	ONTEX15.67TL OPENZ	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000CV87W27	ONTEX16.19TL OPENZ	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	NL0013012024	ONTEX17.05BL OPENB	EUR	0,1950	0,2450	0,1950			0,2450					
Certificate	NL0012998223	ONTEX20.93BS OPENB	EUR	0,7650	0,7650	0,7150	2880,0000	4	0,7150	4000				
Certificate	NL0012998231	ONTEX24.92BS OPENB	EUR	1,5650	1,5650	1,5150			1,5150					
Certificate	DE000CV8ARB5	ORABL 7.78TL OPENZ	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	DE000CV87TX6	ORABL 9.81TL OPENZ	EUR	4,7750	4,7750	4,7750			4,7750					
Certificate	DE000CV8A9L6	ORABL10.84TL OPENZ	EUR	3,7450	3,7450	3,7450			3,7450					
Certificate	DE000CV502H2	ORABL11.84TL OPENZ	EUR	2,7450	2,7450	2,7450			2,7450					
Certificate	DE000CJ3NJW8	ORABL12.84TL OPENZ	EUR	1,7650	1,7650	1,7650			1,7650					
Certificate	NL0011637335	ORACL 30.7TL OPENB	EUR	17,1600	17,1600	17,1600			17,1600					
Certificate	NL0010899738	ORANG 9TL OPENB	EUR	5,5900	5,5900	5,5800			5,5800					
Certificate	NL0010251781	ORANG 3.4TL OPENB	EUR	10,7700	10,7700	10,7700			10,7700					
Certificate	NL0010899746	ORANG 10.2TL OPENB	EUR	4,5300	4,5300	4,5200			4,5200					
Certificate	DE000CR9PVK0	ORANG 10.2TL OPENZ	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	NL0011425848	ORANG 11.2TL OPENB	EUR	3,5400	3,5400	3,5300			3,5300					
Certificate	DE000CR9NK23	ORANG 11.7TL OPENZ	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	NL0012017222	ORANG 12.3TL OPENB	EUR	2,5100	2,5100	2,5000			2,5000					
Certificate	NL0012780761	ORANG 13.4TL OPENB	EUR	1,5600	1,5600	1,5500			1,5500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012936736	ORANG 14.4TS OPENH	EUR	2,0800	2,0800	2,0800			2,0800					
Certificate	NL0010909164	ORANG 14.9TS OPENB	EUR	2,2700	2,2800	2,2700			2,2800					
Certificate	NL0011445770	ORANG 16.8TS OPENB	EUR	4,2900	4,3000	4,2900			4,3000					
Certificate	NL0011418033	ORANG 6.62TL OPENH	EUR	7,9500	7,9500	7,9200			7,9200					
Certificate	NL0012056394	ORANG 9.54TL OPENH	EUR	5,3000	5,3000	5,2700			5,2700					
Certificate	NL0011418009	ORANG10.82TL OPENH	EUR	4,1400	4,1400	4,1100			4,1100					
Certificate	NL0011979844	ORANG11.75TL OPENH	EUR	3,2800	3,2800	3,2600			3,2600					
Certificate	NL0011972815	ORANG12.29TL OPENH	EUR	2,8000	2,8000	2,7700			2,7700					
Certificate	DE000CD64730	ORANG13.18TL OPENZ	EUR	0,9100	0,9100	0,7500	318,5000	1	0,7500	350				
Certificate	NL0011417969	ORANG15.15TS OPENH	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	NL0011417951	ORANG16.55TS OPENH	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	NL0011417944	ORANG17.02TS OPENH	EUR	4,9800	4,9800	4,9800			4,9800					
Certificate	NL0011417936	ORANG18.88TS OPENH	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	NL0012437941	ORANG20.91TS OPENH	EUR	9,3000	9,3000	9,3000			9,3000					
Certificate	NL0012531511	ORANG20.96TS OPENH	EUR	9,3600	9,3600	9,3600			9,3600					
Certificate	NL0012523930	ORANG21.05TS OPENH	EUR	9,4500	9,4500	9,4500			9,4500					
Certificate	NL0012314033	ORANG22.82TS OPENH	EUR	11,4200	11,4200	11,4200			11,4200					
Certificate	DE000CV50970	ORPEA 81.4TL OPENZ	EUR											
Certificate	DE000CV50962	ORPEA71.41TL OPENZ	EUR											
Certificate	DE000CV87JG2	ORPEA91.37TL OPENZ	EUR											
Certificate	DE000CV8BDQ1	PAAS 10.83TL OPENZ	EUR	4,7800	4,7800	4,7800			4,7800					
Certificate	DE000CV8AH59	PAAS 12.99TL OPENZ	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	NL0000451896	PALLA PI OPENN	EUR	9,2700	9,3300	9,2700			9,3300					
Certificate	NL0000451599	PALLA 157TL OPENB	EUR	81,4000	81,4000	81,4000			81,4000					
Certificate	NL0009064393	PALLA 224TL OPENB	EUR	76,1500	76,1500	76,1500			76,1500					
Certificate	NL0011537394	PALLA 477TL OPENB	EUR	56,1950	56,1950	56,1950			56,1950					
Certificate	DE000CN6HPN3	PALLA 501TL OPENZ	EUR	50,8700	51,7400	50,8700			51,7400					
Certificate	NL0011601307	PALLA 521TL OPENH	EUR	52,5900	52,5900	52,5900			52,5900					
Certificate	NL0011813241	PALLA 531TL OPENB	EUR	51,8650	51,8650	51,8650			51,8650					
Certificate	NL0011731005	PALLA 540TL OPENH	EUR	51,1100	51,1100	51,1100			51,1100					
Certificate	NL0011730999	PALLA 561TL OPENH	EUR	49,3900	49,3900	49,3900			49,3900					
Certificate	NL0012102347	PALLA 691TL OPENB	EUR	39,2350	39,2350	39,2350			39,2350					
Certificate	DE000CE6BJX9	PALLA 708TL OPENZ	EUR	33,5600	34,4200	33,5600			34,4200					
Certificate	NL0012103642	PALLA 744TL OPENB	EUR	35,0450	35,0450	35,0450			35,0450					
Certificate	DE000CV893R4	PANDO 605.TS OPENZ	EUR	2,4350	2,4350	2,4350			2,4350					
Certificate	DE000CV8AQ09	PANDO217.3TL OPENZ	EUR	2,8350	2,8350	2,8350			2,8350					
Certificate	DE000CV89PY8	PANDO267.8TL OPENZ	EUR	2,1650	2,1650	2,1650			2,1650					
Certificate	DE000CV8AQZ6	PANDO277.2TL OPENZ	EUR	2,2950	2,2950	2,2950			2,2950					
Certificate	DE000CV8AR08	PANDO298.9TL OPENZ	EUR	2,0250	2,0250	2,0250			2,0250					
Certificate	DE000CV8ARU5	PANDO317.5TL OPENZ	EUR	1,5050	1,5050	1,5050			1,5050					
Certificate	DE000CV8ARJ8	PANDO320.5TL OPENZ	EUR	1,7550	1,7550	1,7550			1,7550					
Certificate	DE000CJ3N3B5	PANDO345.5TL OPENZ	EUR											
Certificate	DE000CJ3N4R9	PANDO350.5TL OPENZ	EUR	1,3750	1,3750	1,3750			1,3750					
Certificate	DE000CJ3N344	PANDO352.5TL OPENZ	EUR	1,0350	1,0350	1,0350			1,0350					
Certificate	DE000CJ3N781	PANDO380.5TL OPENZ	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	DE000CJ3N7M3	PANDO387.4TL OPENZ	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	DE000CJ3PBU4	PANDO410.5TL OPENZ	EUR	0,6350	0,6350	0,6350			0,6350					
Certificate	DE000CV8AJ40	PANDO443.2TS OPENZ	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	DE000CV89HZ2	PANDO489.2TS OPENZ	EUR	1,4250	1,4250	1,4250			1,4250					
Certificate	DE000CV88WA6	PANDO535.1TS OPENZ	EUR	2,0950	2,0950	2,0950			2,0950					
Certificate	DE000CV88ZE1	PANDO555.1TS OPENZ	EUR	1,7650	1,7650	1,7650			1,7650					
Certificate	DE000CR6XDU7	PARGE 53.2TL OPENZ	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000CN6L1D6	PARGE60.07TL OPENZ	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	DE000CY5OZ24	PAYPL 50TL OPENC	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	DE000CY5OW50	PAYPL 50TL OPENC	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	DE000CY5OW68	PAYPL 55TL OPENC	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	DE000CY5OZ32	PAYPL 55TL OPENC	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	DE000CY5OZ40	PAYPL 56TL OPENC	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	DE000CY5OW76	PAYPL 56TL OPENC	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000CJ3N6K9	PAYPL 57TL 1218Z	EUR	1,8950	1,8950	1,8950			1,8950					
Certificate	DE000CY51584	PAYPL 58TL OPENC	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	DE000CY51MY9	PAYPL 65TL OPENC	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000CY51L11	PAYPL 65TL OPENC	EUR	0,9800	0,9800	0,8400	127,4000	1	0,8400	130				
Certificate	DE000CV8AEC1	PAYPL 66TL 1218Z	EUR	1,1150	1,1150	1,1150			1,1150					
Certificate	DE000CV8AH91	PAYPL 71TL 1218Z	EUR	0,6850	0,6850	0,6850			0,6850					
Certificate	DE000CQ5BAA4	PAYPL 75TL OPENC	EUR											
Certificate	DE000CQ5B188	PAYPL 75TL OPENC	EUR											
Certificate	DE000CJ3PCR8	PAYPL 76TL 1218Z	EUR	0,2950	0,2950	0,2950			0,2950					
Certificate	DE000CP06UQ0	PAYPL 80TS OPENC	EUR											
Certificate	DE000CQ5BJ59	PAYPL 82TL OPENC	EUR											
Certificate	DE000CQ5ATQ2	PAYPL 82TS OPENC	EUR											
Certificate	DE000CQ5ABY4	PAYPL 95TS OPENC	EUR	1,4000	1,4000	1,4000			1,4000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CQ58LE3	PAYPL 95TS OPENC	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	DE000CQ58AC0	PAYPL 95TS OPENC	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	DE000CQ581A8	PAYPL 95TS OPENC	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	DE000CQ58J67	PAYPL 100TS OPENC	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	DE000CQ58EM1	PAYPL 100TS OPENC	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	DE000CV8AH50	PAYPL50.98TL OPENZ	EUR	2,5100	2,5100	2,3750	253,5100	2		101				
Certificate	DE000CV89UA8	PAYPL61.18TL OPENZ	EUR	1,4850	1,4850	1,4850			1,4850					
Certificate	DE000CV89UB6	PAYPL71.26TL OPENZ	EUR	0,7500	0,8000	0,6250	4606,0000	10		6000				
Certificate	DE000CE6DFV7	PBR 7.41TL OPENZ	EUR	7,6750	7,6750	7,6750			7,6750					
Certificate	DE000CE6CF32	PBR 8.08TL OPENZ	EUR	7,1350	7,1350	7,1350			7,1350					
Certificate	DE000CE6DYE4	PBR 8.75TL OPENZ	EUR	6,5850	6,5850	6,5850			6,5850					
Certificate	DE000CV89S88	PBR 9.82TL OPENZ	EUR	5,7100	5,7100	5,7100			5,7100					
Certificate	DE000CJ3NLZ7	PBR 10.89TL OPENZ	EUR	4,8450	4,8450	4,8450			4,8450					
Certificate	DE000CJ3NY87	PBR 12.39TL OPENZ	EUR	3,9100	3,9100	3,5750	782,0000	1	3,5750	200				
Certificate	DE000CJ3N1R5	PBR 14.39TL OPENZ	EUR	1,9550	1,9550	1,9550			1,9550					
Certificate	DE000CV4YXN7	PERNO107.5TL OPENZ	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CV4Y29	PERNO121.5TL OPENZ	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	DE000CJ3NMH3	PERNO87.46TL OPENZ	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	NL0010443370	PEUGO 3TL OPENB	EUR	17,9600	17,9600	17,9600			17,9600					
Certificate	DE000CXKXUL2	PEUGO 10TL OPENC	EUR	10,8300	10,8300	10,8300			10,8300					
Certificate	NL0010607305	PEUGO 5.4TL OPENB	EUR	15,7600	15,7600	15,7600			15,7600					
Certificate	NL0010905493	PEUGO 8.8TL OPENB	EUR	12,5300	12,6100	12,5300			12,6100					
Certificate	DE000CV88814	PEUGO 18.1TL OPENZ	EUR	2,6850	2,6850	2,6850			2,6850					
Certificate	NL0013012206	PEUGO 18.4TL OPENB	EUR	3,5300	3,6100	3,5300			3,6100					
Certificate	NL0012978498	PEUGO 19.4TL OPENB	EUR	2,6000	2,6800	2,6000			2,6800					
Certificate	NL0013012214	PEUGO 20.4TL OPENB	EUR	1,6600	1,7400	1,6600			1,7400					
Certificate	NL0013005978	PEUGO 22.5TS OPENB	EUR	3,7900	3,7900	3,7200			3,7200					
Certificate	NL0013002553	PEUGO 24.5TS OPENB	EUR	5,9300	5,9300	5,8600			5,8600					
Certificate	NL0012983456	PEUGO 26.5TS OPENB	EUR	8,0700	8,0700	8,0000			8,0000					
Certificate	NL0013000128	PEUGO 28.5TS OPENB	EUR	10,2300	10,2300	10,1600			10,1600					
Certificate	NL0012313258	PEUGO 5.24TL OPENH	EUR	15,9100	15,9400	15,9100			15,9400					
Certificate	NL0012313241	PEUGO 7.28TL OPENH	EUR	14,0500	14,0900	14,0500			14,0900					
Certificate	NL0011989140	PEUGO11.35TL OPENH	EUR	10,3400	10,3800	10,3400			10,3800					
Certificate	NL0011992607	PEUGO11.94TL OPENH	EUR	9,8000	9,8400	9,8000			9,8400					
Certificate	DE000CD62DE1	PEUGO12.62TL OPENZ	EUR	8,1100	8,1100	8,1100			8,1100					
Certificate	NL0012051155	PEUGO13.41TL OPENH	EUR	8,4700	8,5100	8,4700			8,5100					
Certificate	DE000CD640M2	PEUGO14.13TL OPENZ	EUR	6,6100	6,6100	6,6100			6,6100					
Certificate	NL0012051148	PEUGO14.44TL OPENH	EUR	7,5400	7,5700	7,5400			7,5700					
Certificate	NL0012057681	PEUGO15.45TL OPENH	EUR	6,6100	6,6500	6,6100			6,6500					
Certificate	DE000CD64D60	PEUGO16.12TL OPENZ	EUR	4,6350	4,6350	4,6350			4,6350					
Certificate	NL0012556195	PEUGO16.45TL OPENH	EUR	5,7000	5,7400	5,7000			5,7400					
Certificate	NL0012585343	PEUGO17.45TL OPENH	EUR	4,7900	4,8300	4,7900			4,8300					
Certificate	NL0012601025	PEUGO18.46TL OPENH	EUR	3,8800	3,9200	3,8800			3,9200					
Certificate	NL0012935787	PEUGO20.46TL OPENH	EUR											
Certificate	NL0013084148	PEUGO21.45TL OPENH	EUR											
Certificate	NL0012907141	PEUGO24.45TS OPENH	EUR	6,5400	6,5400	6,5100			6,5100					
Certificate	NL0012313217	PEUGO26.26TS OPENH	EUR	8,5400	8,5400	8,5200			8,5200					
Certificate	NL0012367015	PEUGO28.27TS OPENH	EUR	10,7800	10,7800	10,7500			10,7500					
Certificate	NL0012522999	PEUGO30.43TS OPENH	EUR	13,1700	13,1700	13,1500			13,1500					
Certificate	NL0012891337	PEUGO34.32TS OPENH	EUR	17,5000	17,5000	17,4700			17,4700					
Certificate	NL0012891329	PEUGO36.32TS OPENH	EUR	19,7100	19,7100	19,6900			19,6900					
Certificate	NL0009533140	PFIZR 8.8TL OPENB	EUR	31,3700	31,3700	31,3700			31,3700					
Certificate	NL0009563881	PFIZR 10.5TL OPENB	EUR	30,0000	30,0000	30,0000			30,0000					
Certificate	NL0011425921	PFIZR 26.1TL OPENB	EUR	17,6900	17,6900	17,6900			17,6900					
Certificate	DE000CR9RV59	PGMBL57.38TL OPENZ	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000CJ3NM57	PHARM 0.38TL OPENZ	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CJ3NLS2	PHARM 0.49TL OPENZ	EUR	0,5400	0,5500	0,5300	4467,0000	3	0,5300	8130				
Certificate	DE000CV89291	PHARM 0.61TL OPENZ	EUR	0,5100	0,5100	0,4300	5630,4000	5	0,4300	12240				
Certificate	DE000CJ3NPA1	PHARM 0.66TL OPENZ	EUR	0,3900	0,3900	0,3800	25,3500	1	0,3800	65				
Certificate	DE000CJ3NPB9	PHARM 0.73TL OPENZ	EUR	0,3200	0,3200	0,3200	640,0000	1	0,3200	2000				
Certificate	DE000CJ3NPC7	PHARM 0.79TL OPENZ	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	DE000CJ3NZE2	PHARM 0.86TL OPENZ	EUR											
Certificate	DE000CJ3N807	PHARM 0.86TL OPENZ	EUR	0,2400	0,2400	0,2000	11409,8000	4	0,2000	52995				
Certificate	NL0013012834	PHARM 0.91TL OPENB	EUR	0,1750	0,1750	0,1250	2600,0000	1	0,1250	20000				
Certificate	DE000CJ3PDG9	PHARM 0.94TL OPENZ	EUR	0,1300	0,1300	0,1300			0,1300					
Certificate	DE000CJ3N658	PHARM 0.98TS OPENZ	EUR											
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	0,4850	0,5350	0,4850			0,5350					
Certificate	DE000CV8AM03	PHARM 1.34TS OPENZ	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	DE000CV89Y49	PHARM 1.51TS OPENZ	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CV89L02	PHARM 1.67TS OPENZ	EUR	1,0300	1,0300	1,0300			1,0300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV89L10	PHARM 1.84TS OPENZ	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	NL0013007875	PHARM0.413TL OPENB	EUR	0,6350	0,6350	0,5750	1062,0000	1	0,5750	1800				
Certificate	NL0013000086	PHARM0.512TL OPENB	EUR	0,5450	0,5450	0,4850	127,5000	1	0,4850	250				
Certificate	NL0012999551	PHARM0.612TL OPENB	EUR	0,4550	0,4550	0,3950	41,0000	1	0,3950	100				
Certificate	NL0013000755	PHARM0.712TL OPENB	EUR	0,3650	0,3650	0,3050	4280,0000	2	0,3050	12750				
Certificate	NL0013001357	PHARM0.812TL OPENB	EUR	0,2700	0,2700	0,2150	3565,0000	5	0,2150	14500				
Certificate	NL0012999676	PHARM1.089TS OPENB	EUR	0,2050	0,2550	0,2050	575,0000	1	0,2550	2500				
Certificate	NL0012972723	PHARM1.588TS OPENB	EUR	0,7650	0,8150	0,7650			0,8150					
Certificate	DE000CR9NY50	PHIL 69.74TL OPENZ	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	NL0010514444	PHILP 18TL OPENB	EUR	18,8900	18,8900	18,8900			18,8900					
Certificate	DE000CX00FJ3	PHILP 21TL OPENC	EUR	16,3100	16,3100	16,3100			16,3100					
Certificate	DE000CX00EH0	PHILP 21TL OPENC	EUR	17,1800	17,1800	17,1800			17,1800					
Certificate	DE000CX59A90	PHILP 22TL OPENC	EUR	15,6600	15,6600	15,6600			15,6600					
Certificate	DE000CX59GJ7	PHILP 22TL OPENC	EUR	14,7700	14,7700	14,7700			14,7700					
Certificate	NL0011927983	PHILP 22TL OPENH	EUR	15,5900	15,5900	15,0500			15,0500					
Certificate	DE000CX59N79	PHILP 24TL OPENC	EUR	12,7400	12,7400	12,7400			12,7400					
Certificate	DE000CX59YM4	PHILP 25TL OPENC	EUR	12,7900	12,7900	12,7900			12,7900					
Certificate	DE000CX59GK5	PHILP 25TL OPENC	EUR	11,7000	11,7000	11,7000			11,7000					
Certificate	DE000CX59Q76	PHILP 26TL OPENC	EUR	11,8100	11,8100	11,8100			11,8100					
Certificate	DE000CX59KU6	PHILP 26TL OPENC	EUR	10,6900	10,6900	10,6900			10,6900					
Certificate	NL0012114060	PHILP 27TL OPENB	EUR	11,0200	11,0200	10,5900			10,5900					
Certificate	DE000CY16AU5	PHILP 27TL OPENC	EUR	9,7600	9,7600	9,7600			9,7600					
Certificate	DE000CY16C57	PHILP 27TL OPENC	EUR	10,9200	10,9200	10,9200			10,9200					
Certificate	DE000CY16AV3	PHILP 28TL OPENC	EUR	8,7400	8,7400	8,7400			8,7400					
Certificate	DE000CY16C65	PHILP 28TL OPENC	EUR	9,9600	9,9600	9,9600			9,9600					
Certificate	DE000CQ5A7W0	PHILP 29TL OPENC	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	DE000CY16567	PHILP 29TL OPENC	EUR	7,7600	7,7600	7,7600			7,7600					
Certificate	DE000CQ5APY4	PHILP 29TL OPENC	EUR	7,4000	7,4000	7,4000			7,4000					
Certificate	DE000CQ5A7X8	PHILP 30TL OPENC	EUR	7,3600	7,3600	7,3600			7,3600					
Certificate	DE000CQ5A5L7	PHILP 30TL OPENC	EUR	6,3600	6,3600	6,3600			6,3600					
Certificate	DE000CQ5APZ1	PHILP 31TL OPENC	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	DE000CQ5AT33	PHILP 32TL OPENC	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	DE000CQ5AV70	PHILP 33TL OPENC	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	DE000CQ5AT41	PHILP 33TL OPENC	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	DE000CQ5AWW4	PHILP 33TL OPENC	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	DE000CQ5B2Y6	PHILP 33TL OPENC	EUR	3,8600	3,8600	3,8600			3,8600					
Certificate	NL0012649115	PHILP 34B0C1218Z	EUR	33,8750	33,8750	33,8750			33,8750					
Certificate	DE000CQ5AWX2	PHILP 34TL OPENC	EUR	1,7400	1,7400	1,7100	17,4000	1	1,7100	10				
Certificate	DE000CQ5B2Z3	PHILP 34TL OPENC	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	DE000CQ5BTA4	PHILP 35TL OPENC	EUR											
Certificate	DE000CQ5B38	PHILP 35TL OPENC	EUR											
Certificate	NL0012649123	PHILP 36B0C1218Z	EUR	35,6100	35,6100	35,6100			35,6100					
Certificate	DE000CP06WY0	PHILP 36TS OPENC	EUR											
Certificate	DE000CP07A10	PHILP 36TS OPENC	EUR											
Certificate	DE000CY50UV0	PHILP 38TS OPENC	EUR											
Certificate	DE000CP07A28	PHILP 38TS OPENC	EUR	4,2400	4,2400	4,2400			4,2400					
Certificate	DE000CP06U58	PHILP 38TS OPENC	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	DE000CQ5B8F8	PHILP 42TS OPENC	EUR	8,1100	8,1100	8,1100			8,1100					
Certificate	DE000CY51CD4	PHILP 42TS OPENC	EUR	7,1300	7,1300	7,1300			7,1300					
Certificate	DE000CY51AN7	PHILP 42TS OPENC	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	DE000CQ5B3C0	PHILP 44TS OPENC	EUR	10,1500	10,1500	10,1500			10,1500					
Certificate	DE000CY51AP2	PHILP 44TS OPENC	EUR	7,2400	7,2400	7,2400			7,2400					
Certificate	DE000CQ5AWY0	PHILP 44TS OPENC	EUR	8,5700	8,5700	8,5700			8,5700					
Certificate	DE000CP062M5	PHILP 46TS OPENC	EUR	12,4600	12,4600	12,4600			12,4600					
Certificate	DE000CQ5B0M5	PHILP 46TS OPENC	EUR	10,6000	10,6000	10,6000			10,6000					
Certificate	DE000CP06L83	PHILP 48TS OPENC	EUR	14,5700	14,5700	14,5700			14,5700					
Certificate	DE000CP06Q00	PHILP 48TS OPENC	EUR	12,8200	12,8200	12,8200			12,8200					
Certificate	DE000CP06KM0	PHILP 50TS OPENC	EUR	14,8500	14,8500	14,8500			14,8500					
Certificate	NL0010175774	PHILP 14.9TL OPENB	EUR	21,8400	21,8400	21,8400			21,8400					
Certificate	NL0010282224	PHILP 15.8TL OPENB	EUR	21,0000	21,0000	21,0000			21,0000					
Certificate	NL0010887592	PHILP 16.3TL OPENB	EUR	20,9000	20,9000	20,4700			20,4700					
Certificate	NL0010380390	PHILP 16.9TL OPENB	EUR	19,9800	19,9800	19,9800			19,9800					
Certificate	NL0010887600	PHILP 17.4TL OPENB	EUR	19,9400	19,9400	19,5100			19,5100					
Certificate	NL0011039664	PHILP 17.4TL OPENH	EUR	19,8700	19,8700	19,3400			19,3400					
Certificate	NL0011906664	PHILP 21.5TL OPENB	EUR	16,0600	16,0600	15,6300			15,6300					
Certificate	NL0011916630	PHILP 23.7TL OPENB	EUR	14,0500	14,0500	13,6200			13,6200					
Certificate	DE000CD62LD6	PHILP 24.3TL OPENZ	EUR	11,2800	11,2800	11,2800			11,2800					
Certificate	NL0012017628	PHILP 24.8TL OPENB	EUR	13,0400	13,0400	12,6100			12,6100					
Certificate	NL0011990403	PHILP 25.6TL OPENH	EUR	12,2400	12,2400	11,7100			11,7100					
Certificate	NL0012106827	PHILP 25.9TL OPENB	EUR	12,0300	12,0300	11,6000			11,6000					
Certificate	DE000CE6C2H5	PHILP 27.1TL OPENZ	EUR	9,2550	9,2550	9,2550			9,2550					
Certificate	NL0012120232	PHILP 28.1TL OPENB	EUR	10,0100	10,0100	9,5800			9,5800					



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	NL0012779854	PHILP 29.5TL OPENB	EUR	8,6100	8,6100	8,1800			8,1800					
Certificate	NL0012648802	PHILP 32.5BON0619Z	EUR	35,7500	35,7500	35,7500			35,7500					
Certificate	NL0012784177	PHILP 32.5TL OPENB	EUR	5,8300	5,8300	5,4000			5,4000					
Certificate	NL0013009749	PHILP 34.1TL OPENB	EUR	4,4300	4,4300	4,0000	1588,7500	3	4,0000	375				
Certificate	LU1756861420	PHILP 34.3TCIOPENS	EUR	1,6200	1,6200	1,2100	97,2000	1	1,2100	60				
Certificate	NL0012649131	PHILP 36.5BOC0619Z	EUR	35,3650	35,3650	35,3650								
Certificate	NL0013005986	PHILP 37.4TS OPENB	EUR	4,5000	4,9100	4,5000			4,9100					
Certificate	NL0012494611	PHILP 38.5BOC1218B	EUR	38,1900	38,1900	38,1300			38,1300					
Certificate	NL0013004286	PHILP 39.9TS OPENB	EUR	7,1800	7,5900	7,1800			7,5900					
Certificate	LU1757007148	PHILP 40.7TPIOPENS	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	NL0012795611	PHILP 41.5BOC0619Z	EUR	36,2100	36,2100	36,2100			36,2100					
Certificate	NL0012784292	PHILP 42.4TS OPENB	EUR	9,8800	10,2900	9,8800			10,2900					
Certificate	NL0012795629	PHILP 43.5BOC0919Z	EUR	35,4700	35,4700	35,4700			35,4700					
Certificate	NL0012787733	PHILP 44.9TS OPENB	EUR	12,5300	12,9400	12,5300			12,9400					
Certificate	NL0012985394	PHILP 47.3TS OPENB	EUR	15,1600	15,5700	15,1600			15,5700					
Certificate	NL0012899496	PHILP 48.1TS OPENH	EUR	15,9400	16,5000	15,9400			16,5000					
Certificate	NL0013003452	PHILP 49.8TS OPENB	EUR	17,8700	18,2800	17,8700			18,2800					
Certificate	NL0011039680	PHILP11.02TL OPENH	EUR	25,8100	25,8100	25,2700			25,2700					
Certificate	NL0011040407	PHILP13.15TL OPENH	EUR	23,8300	23,8300	23,3000			23,3000					
Certificate	NL0011051669	PHILP15.08TL OPENH	EUR	22,0300	22,0300	21,4900			21,4900					
Certificate	NL0011039672	PHILP15.27TL OPENH	EUR	21,8500	21,8500	21,3200			21,3200					
Certificate	NL0011230495	PHILP17.35TL OPENH	EUR	19,9200	19,9200	19,3800			19,3800					
Certificate	NL0011040381	PHILP18.46TL OPENH	EUR	18,8900	18,8900	18,3500			18,3500					
Certificate	DE000CF805U2	PHILP19.13TL OPENC	EUR	18,5900	18,5900	18,5900			18,5900					
Certificate	NL0011602446	PHILP19.19TL OPENH	EUR	18,2000	18,2000	17,6700			17,6700					
Certificate	DE000CF04HNO	PHILP19.84TL OPENC	EUR	17,8400	17,8400	17,8400			17,8400					
Certificate	NL0011743448	PHILP19.94TL OPENH	EUR	17,5100	17,5100	16,9700			16,9700					
Certificate	DE000CR9P4K9	PHILP19.95TL OPENZ	EUR	16,1950	16,1950	16,1950			16,1950					
Certificate	NL0011650874	PHILP20.34BL OPENB	EUR	15,9200	15,9200	15,4900			15,4900					
Certificate	DE000CC3ZGJ2	PHILP20.91TL OPENC	EUR	17,4800	17,4800	17,4800			17,4800					
Certificate	NL0011896634	PHILP20.97TL OPENH	EUR	16,5500	16,5500	16,0100			16,0100					
Certificate	DE000CZ79W64	PHILP21.32TL OPENZ	EUR	14,2500	14,2500	14,2500			14,2500					
Certificate	DE000CD624M6	PHILP21.48TL OPENZ	EUR	14,7050	14,7050	14,7050			14,7050					
Certificate	NL0011934872	PHILP23.04TL OPENH	EUR	14,6200	14,6200	14,0900			14,0900					
Certificate	NL0011916341	PHILP23.51BL OPENB	EUR	12,7400	12,7400	12,3100			12,3100					
Certificate	DE000CD62N86	PHILP23.52TL OPENZ	EUR	12,7250	12,7250	12,7250			12,7250					
Certificate	NL0011970603	PHILP24.07TL OPENH	EUR	13,6700	13,6700	13,1300			13,1300					
Certificate	NL0011918941	PHILP24.57BL OPENB	EUR	11,6900	11,6900	11,2600			11,2600					
Certificate	NL0011989389	PHILP24.57TL OPENH	EUR	13,1900	13,1900	12,6600			12,6600					
Certificate	NL0011990411	PHILP25.08TL OPENH	EUR	12,7200	12,7200	12,1900			12,1900					
Certificate	DE000CD632F3	PHILP25.79TL OPENZ	EUR	9,8050	9,8050	9,8050			9,8050					
Certificate	NL0012057699	PHILP26.09TL OPENH	EUR	11,7800	11,7800	11,2400			11,2400					
Certificate	NL0012179048	PHILP26.61TL OPENH	EUR	11,3000	11,3000	10,7500			10,7500					
Certificate	NL0012113070	PHILP26.67BL OPENB	EUR	9,6000	9,6000	9,1700			9,1700					
Certificate	NL0012197511	PHILP27.11TL OPENH	EUR	10,8300	10,8300	10,2800			10,2800					
Certificate	DE000CE6BR47	PHILP27.28TL OPENZ	EUR	8,3150	8,3150	8,3150			8,3150					
Certificate	NL0012118061	PHILP27.71BL OPENB	EUR	8,5600	8,5600	8,1300			8,1300					
Certificate	LU1840981135	PHILP28.15TCIOPENS	EUR	7,6400	7,6400	7,6400			7,6400					
Certificate	NL0012203046	PHILP28.15TL OPENH	EUR	9,8600	9,8600	9,3300			9,3300					
Certificate	NL0012121669	PHILP28.75BL OPENB	EUR	7,5200	7,5200	7,0900			7,0900					
Certificate	DE000CE6C2C6	PHILP28.76TL OPENZ	EUR	6,9000	6,9000	6,8450	1083,3000	1	6,8450	157				
Certificate	NL0012600050	PHILP29.26TL OPENH	EUR	8,8300	8,8300	8,3000			8,3000					
Certificate	NL0012604490	PHILP30.19TL OPENH	EUR	7,9600	7,9600	7,4300			7,4300					
Certificate	DE000CV88AL9	PHILP30.74TL OPENZ	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	NL0012608103	PHILP31.19TL OPENH	EUR	7,0400	7,0400	6,5100			6,5100					
Certificate	LU1840981218	PHILP31.67TCIOPENS	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	NL0012784375	PHILP31.77BL OPENB	EUR	4,4900	4,4900	4,0600			4,0600					
Certificate	NL0012609143	PHILP32.19TL OPENH	EUR	6,1100	6,1100	5,5700			5,5700					
Certificate	DE000CV88K53	PHILP32.22TL OPENZ	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000CV88GU7	PHILP32.73TL OPENZ	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	NL0012609721	PHILP33.19TL OPENH	EUR	5,1700	5,1700	4,6400			4,6400					
Certificate	LU1840981309	PHILP33.43TCIOPENS	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	NL0012785455	PHILP33.79BL OPENB	EUR	2,4700	2,4700	2,0400			2,0400					
Certificate	NL0012615660	PHILP34.21TL OPENH	EUR	4,2300	4,2300	3,6900			3,6900					
Certificate	LU1756734825	PHILP34.59TCIOPENS	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	DE000CV88M51	PHILP34.68TL OPENZ	EUR											
Certificate	DE000CJ3PC40	PHILP34.73TL OPENZ	EUR	0,1900	0,1900	0,1900			0,1900					
Certificate	NL0012790653	PHILP34.79BL OPENB	EUR											
Certificate	LU1841029512	PHILP35.73TPIOPENS	EUR											
Certificate	LU1840979667	PHILP36.36TPIOPENS	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	NL0013079379	PHILP37.19TS OPENH	EUR	4,1700	4,7600	4,1700			4,7600					
Certificate	NL0013007024	PHILP37.26BS OPENB	EUR	1,4500	1,8600	1,4500			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	LU1840912320	PHILP37.76TPIOPENS	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	DE000CJ3N492	PHILP38.63TS OPENZ	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	NL0012907158	PHILP38.94TS OPENH	EUR	6,0500	6,6300	6,0500			6,6300					
Certificate	NL0013004807	PHILP39.25BS OPENB	EUR	3,4400	3,8500	3,4400			3,8500					
Certificate	NL0012930879	PHILP40.85TS OPENH	EUR	8,1100	8,6900	8,1100			8,6900					
Certificate	NL0012934798	PHILP40.94TS OPENH	EUR	8,2000	8,7900	8,2000			8,7900					
Certificate	NL0012784938	PHILP41.25BS OPENB	EUR	5,4400	5,8500	5,4400			5,8500					
Certificate	NL0012847180	PHILP41.57TS OPENH	EUR	8,8800	9,4700	8,8800			9,4700					
Certificate	DE000CV88GV5	PHILP42.12TS OPENZ	EUR	1,3500	1,3700	1,3500	2,7100	2	1,3700	2				
Certificate	LU1817099101	PHILP42.28TPIOPENS	EUR	6,7400	6,7400	6,7400			6,7400					
Certificate	NL0012900336	PHILP43.11TS OPENH	EUR	10,5500	11,1400	10,5500			11,1400					
Certificate	NL0012790828	PHILP43.22BS OPENB	EUR	7,4100	7,8200	7,4100			7,8200					
Certificate	NL0012847172	PHILP43.55TS OPENH	EUR	11,0200	11,6100	11,0200			11,6100					
Certificate	NL0012984959	PHILP45.22BS OPENB	EUR	9,4100	9,8200	9,4100			9,8200					
Certificate	NL0012900039	PHILP46.11TS OPENH	EUR	13,7800	14,3700	13,7800			14,3700					
Certificate	DE000CV890Y6	PHILP47.12TS OPENZ	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	NL0012997670	PHILP47.21BS OPENB	EUR	11,4000	11,8100	11,4000			11,8100					
Certificate	NL0012989000	PHILP47.98TS OPENH	EUR	15,8100	16,3700	15,8100			16,3700					
Certificate	DE000CR1JQ96	PHIMO69.85TL OPENZ	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	NL0000451870	PLATI PI OPENN	EUR	7,1900	7,1900	7,1800			7,1800					
Certificate	DE000CV8A7N6	PLATI 612TL OPENZ	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	NL0012989800	PLATI 623TL OPENB	EUR	2,0700	2,0800	2,0700	828,0000	1	2,0800	400				
Certificate	NL0012977946	PLATI 673TL OPENB	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	DE000VAGD4M8	PLATI 684TL OPENV	EUR	1,5815	1,5815	1,5765			1,5765					
Certificate	DE000VASRUJ4	PLATI 708TL OPENV	EUR	1,3775	1,3775	1,3725			1,3725					
Certificate	DE000CN6HPP8	PLATI 715TL OPENZ	EUR	1,1950	1,1950	1,1900			1,1900					
Certificate	NL0011540257	PLATI 725TL OPENB	EUR	1,2400	1,2400	1,2300	744,0000	1	1,2300	600				
Certificate	DE000VA3Z583	PLATI 732TL OPENV	EUR	1,1595	1,1595	1,1535			1,1535					
Certificate	NL0012888895	PLATI 744TL OPENH	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	NL0012888887	PLATI 754TL OPENH	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	DE000CN6HAR6	PLATI 757TL OPENZ	EUR	0,8350	0,8350	0,8300			0,8300					
Certificate	DE000VASRJV2	PLATI 758TL OPENV	EUR	0,9615	0,9615	0,9565			0,9565					
Certificate	NL0012888879	PLATI 764TL OPENH	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	NL0012999973	PLATI 776TL OPENB	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000VAGECU5	PLATI 784TL OPENV	EUR	0,7535	0,7535	0,7475			0,7475					
Certificate	DE000VA3D895	PLATI 806TL OPENV	EUR											
Certificate	DE000CJ3N6F9	PLATI 807TL OPENZ	EUR	0,3950	0,3950	0,3900			0,3900					
Certificate	DE000VAG4Z31	PLATI 810TL OPENV	EUR	0,5445	0,5445	0,5375			0,5375					
Certificate	DE000VA3D9A5	PLATI 831TL OPENV	EUR											
Certificate	DE000VA3D9B3	PLATI 856TL OPENV	EUR											
Certificate	DE000VA4YV66	PLATI 857TS OPENV	EUR	0,6175	0,6265	0,6175			0,6265					
Certificate	NL0012933667	PLATI 859TS OPENH	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	NL0012923429	PLATI 879TS OPENH	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000VA3TKS7	PLATI 883TS OPENV	EUR	0,8405	0,8485	0,8405			0,8485					
Certificate	NL0012977953	PLATI 894TS OPENB	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	DE000CV8A7Q9	PLATI 894TS OPENZ	EUR	0,7750	0,7800	0,7750			0,7800					
Certificate	NL0012923411	PLATI 899TS OPENH	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	DE000VA3KS66	PLATI 908TS OPENV	EUR	1,0635	1,0735	1,0635			1,0735					
Certificate	NL0012923403	PLATI 919TS OPENH	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	DE000VA2T9P6	PLATI 933TS OPENV	EUR	1,2875	1,2975	1,2875			1,2975					
Certificate	NL0012786511	PLATI 945TS OPENB	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	DE000VA2T9Q4	PLATI 958TS OPENV	EUR	1,5155	1,5255	1,5155			1,5255					
Certificate	DE000CV8A7R7	PLATI 992TS OPENZ	EUR	1,6450	1,6500	1,6450			1,6500					
Certificate	NL0012021257	PLATI 1046TS OPENB	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	DE000CD63A80	PLATI 1089TS OPENZ	EUR	2,5150	2,5250	2,5150			2,5250					
Certificate	NL0011050364	PLATI 1174TS OPENH	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	DE000CN6LBE4	PLATI 1197TS OPENZ	EUR	3,4750	3,4850	3,4750			3,4850					
Certificate	NL0011050356	PLATI 1213TS OPENH	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	NL0011050349	PLATI 1287TS OPENH	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	NL0010155727	PLATI 1552TL OPENA	EUR											
Certificate	DE000VA4YV82	PLATI 719.TL OPENV	EUR	1,0245	1,0245	1,0195			1,0195					
Certificate	DE000CV8B5S8	PLATI 800.TL OPENZ	EUR											
Certificate	DE000VAGD4N6	PLATI670.6TL OPENV	EUR	1,4595	1,4595	1,4545			1,4545					
Certificate	DE000VA3TKT5	PLATI742.8TL OPENV	EUR	0,7545	0,7545	0,7215	72,5000	1	0,7475	100				
Certificate	DE000VAGEBS1	PLATI770.9TL OPENV	EUR	0,5865	0,5865	0,5815			0,5815					
Certificate	DE000VAGEEU1	PLATI796.2TL OPENV	EUR	0,3595	0,3595	0,3525			0,3525					
Certificate	DE000VA7TF30	PLATI822.2TL OPENV	EUR	0,1525	0,1525	0,1465			0,1465					
Certificate	DE000VA4YV58	PLATI860.7TS OPENV	EUR	0,3045	0,3125	0,3045			0,3125					
Certificate	DE000VA3TKR9	PLATI887.3TS OPENV	EUR	0,5205	0,5295	0,5205			0,5295					
Certificate	DE000VA3KSJ8	PLATI912.7TS OPENV	EUR	0,7355	0,7455	0,7355			0,7455					
Certificate	DE000VA1SSV0	PLATI940.6TS OPENV	EUR	0,9515	0,9615	0,9515			0,9615					
Certificate	DE000VL9VUE6	PLATI966.6TS OPENV	EUR	1,1665	1,1755	1,1665			1,1755					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0009067156	PORSC 20TL OPENB	EUR	4,4450	4,4450	4,4450			4,4450					
Certificate	NL0009992999	PORSC 29TL OPENB	EUR	2,9050	2,9050	2,9050			2,9050					
Certificate	NL0011438312	PORSC 32.9TL OPENB	EUR	2,5850	2,5850	2,5350			2,5350					
Certificate	NL0012020812	PORSC 42.3TL OPENB	EUR	1,7050	1,7050	1,6550			1,6550					
Certificate	NL0012038780	PORSC 45.4TL OPENB	EUR	1,4150	1,4150	1,3650			1,3650					
Certificate	NL0012998587	PORSC 46.1BL OPENB	EUR	1,0900	1,0900	1,0500			1,0500					
Certificate	NL0012494421	PORSC 48.4TL OPENB	EUR	1,1350	1,1350	1,0850			1,0850					
Certificate	NL0012999577	PORSC 51.4TL OPENB	EUR	0,8550	0,8550	0,8050			0,8050					
Certificate	NL0013008006	PORSC 58.9TS OPENB	EUR	0,7450	0,7850	0,7450			0,7850					
Certificate	NL0012973168	PORSC 63.8TS OPENB	EUR	1,2750	1,3250	1,2750			1,3250					
Certificate	NL0012697221	PORSC 78.6TS OPENB	EUR	2,8650	2,9150	2,8650			2,9150					
Certificate	DE000CN6EZT6	PORSC36.79TL OPENZ	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	DE000CN6KAM1	PORSC40.81TL OPENZ	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	NL0012998579	PORSC41.09BL OPENB	EUR	1,6000	1,6000	1,5500			1,5500					
Certificate	DE000CD63V44	PORSC46.27TL OPENZ	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	NL0012998595	PORSC51.11BL OPENB	EUR	0,5900	0,5900	0,5500			0,5500					
Certificate	DE000CJ3NIX6	PORSC51.26TL OPENZ	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	NL0013007735	PORSC57.83BS OPENB	EUR	0,2200	0,2700	0,2200			0,2700					
Certificate	NL0012998603	PORSC62.82BS OPENB	EUR	0,7200	0,7700	0,7200			0,7700					
Certificate	NL0012998611	PORSC67.81BS OPENB	EUR	1,2200	1,2600	1,2200			1,2600					
Certificate	NL0012795900	POST LEVOPENZ	EUR	18,6600	18,6600	18,6600			18,6600					
Certificate	NL0012795942	POST SHROPEZ	EUR	115,3900	115,3900	115,3900			115,3900					
Certificate	DE000VA7PVF0	POST 3TS 0319V	EUR	0,5290	0,5290	0,5290			0,5290					
Certificate	DE000VA7PVJ2	POST 3TS 1218V	EUR	0,5220	0,5220	0,5220			0,5220					
Certificate	NL0010010567	POST 0.7TL OPENB	EUR	1,9150	1,9150	1,9150			1,9150					
Certificate	NL0010009080	POST 0.9TL OPENB	EUR	1,7950	1,7950	1,7950			1,7950					
Certificate	NL0010438750	POST 1.5TL OPENB	EUR	1,2550	1,2550	1,2550			1,2550					
Certificate	DE000VA71T55	POST 2.3TL 0319V	EUR	0,3290	0,3290	0,3290			0,3290					
Certificate	DE000VA71MT7	POST 2.4TL 0319V	EUR	0,2200	0,2200	0,2200			0,2200					
Certificate	DE000VA71T48	POST 2.4TL 1218V	EUR	0,2210	0,2210	0,2210			0,2210					
Certificate	DE000VA7TDX3	POST 2.5TL 0319V	EUR	0,1200	0,1200	0,1200			0,1200					
Certificate	DE000VA71ML4	POST 2.5TL 1218V	EUR	0,1220	0,1220	0,1220			0,1220					
Certificate	DE000VA7PVG8	POST 2.6TL 0319V	EUR											
Certificate	DE000VASREX9	POST 2.6TL 1218V	EUR											
Certificate	DE000VA71MB5	POST 2.7TS 0319V	EUR	0,2280	0,2280	0,2280			0,2280					
Certificate	DE000VA71MU5	POST 2.7TS 1218V	EUR	0,2210	0,2210	0,2210			0,2210					
Certificate	DE000VA71MD1	POST 2.8TS 0319V	EUR	0,3280	0,3280	0,3280			0,3280					
Certificate	DE000VA71MW1	POST 2.8TS 1218V	EUR	0,3320	0,3320	0,3320			0,3320					
Certificate	DE000VA71MG4	POST 2.9TS 0319V	EUR	0,4290	0,4290	0,4290			0,4290					
Certificate	NL0012795298	POST 3.18ON0319Z	EUR	2,6050	2,6050	2,6050			2,6050					
Certificate	DE000VA7PS21	POST 3.1TS 0319V	EUR	0,6290	0,6290	0,6290			0,6290					
Certificate	DE000VA7PS62	POST 3.1TS 1218V	EUR	0,6320	0,6320	0,6320			0,6320					
Certificate	NL0012795397	POST 3.28OC0319Z	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	NL0012795389	POST 3.28OC1218Z	EUR	2,8650	2,8650	2,8650			2,8650					
Certificate	DE000VA7PS39	POST 3.2TS 0319V	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	DE000VA64Y57	POST 3.2TS 1218V	EUR	0,7220	0,7220	0,7220			0,7220					
Certificate	NL0012796445	POST 3.38OC1219Z	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	NL0012796205	POST 3.38ON0619Z	EUR	2,4850	2,4850	2,4850			2,4850					
Certificate	NL0012796213	POST 3.38ON1219Z	EUR	2,5550	2,5550	2,5550			2,5550					
Certificate	DE000VA6T258	POST 3.3TS 1218V	EUR	0,8220	0,8220	0,8220			0,8220					
Certificate	NL0012795710	POST 3.48OC0919Z	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	DE000VA6D702	POST 3.4TS 1218V	EUR	0,9220	0,9220	0,9220			0,9220					
Certificate	DE000VA3ZZB8	POST 3.5TS 1218V	EUR	1,0220	1,0220	1,0220			1,0220					
Certificate	NL0012796221	POST 3.68ON1219Z	EUR	2,4450	2,4450	2,4450			2,4450					
Certificate	DE000VA32Z88	POST 3.6TS 1218V	EUR	1,1320	1,1320	1,1320			1,1320					
Certificate	DE000VA4YR65	POST 3.7TS 1218V	EUR	1,2320	1,2320	1,2320			1,2320					
Certificate	NL0010376455	POST 1.18TL OPENB	EUR	1,5350	1,5350	1,5350			1,5350					
Certificate	NL0010887642	POST 1.71TL OPENB	EUR	1,0450	1,0450	1,0350			1,0350					
Certificate	NL0010443503	POST 1.72TL OPENB	EUR	1,0650	1,0650	1,0650			1,0650					
Certificate	NL0010887659	POST 2.07TL OPENB	EUR	0,7250	0,7600	0,7150	11400,0000	2	0,7150	15000				
Certificate	LU1840981564	POST 2.14TCIOPENS	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	NL0010658993	POST 2.21TL OPENB	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	NL0010875464	POST 2.33TL OPENB	EUR	0,4900	0,4900	0,4800			0,4800					
Certificate	LU1841030445	POST 2.38TCIOPENS	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	DE000CJ3PC57	POST 2.53TL OPENZ	EUR											
Certificate	NL0011530746	POST 2.59TL OPENB	EUR											
Certificate	DE000VA71TE4	POST 2.67TS OPENV	EUR	0,1600	0,1600	0,1600			0,1600					
Certificate	LU1719347020	POST 2.68TCIOPENS	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	NL0013011026	POST 2.72TS OPENB	EUR	0,4550	0,4650	0,4550			0,4650					
Certificate	DE000VA7TGB2	POST 2.77TS OPENV	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	DE000VA7TGC0	POST 2.87TS OPENV	EUR	0,3590	0,3590	0,3590			0,3590					
Certificate	NL0013005630	POST 2.96TS OPENB	EUR	0,7250	0,7350	0,7250			0,7350					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA7TGD8	POST 2.97TS OPENV	EUR	0,4590	0,4590	0,4590			0,4590					
Certificate	DE000VA7TGE6	POST 3.07TS OPENV	EUR	0,5590	0,5590	0,5590			0,5590					
Certificate	DE000VA7TGF3	POST 3.17TS OPENV	EUR	0,6590	0,6590	0,6590			0,6590					
Certificate	NL0013003692	POST 3.19BS OPENB	EUR	0,6850	0,6950	0,6850			0,6950					
Certificate	NL0013002991	POST 3.21TS OPENB	EUR	1,0050	1,0150	1,0050			1,0150					
Certificate	NL0012691026	POST 3.46TS OPENB	EUR	1,2850	1,2950	1,2850			1,2950					
Certificate	NL0012796056	POST 3.52BON0919Z	EUR	2,4450	2,4450	2,4450			2,4450					
Certificate	NL0012683429	POST 3.71TS OPENB	EUR	1,5650	1,5750	1,5650			1,5750					
Certificate	LU1790493339	POST 3.85TPIOPENS	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	NL0011089560	POST 4.69TS OPENB	EUR	2,7950	2,8050	2,7950			2,8050					
Certificate	DE000CV8AWU5	POST 1.765TL OPENZ	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	DE000CV8AUG8	POST 1.965TL OPENZ	EUR	0,6200	0,6200	0,6050	15350,0000	3	0,6050	25000				
Certificate	NL0013008758	POST 2.106BL OPENB	EUR	0,5250	0,5300	0,5050	2100,0000	2	0,5050	4000				
Certificate	DE000CN6FUK3	POST 2.169TL OPENZ	EUR	0,4100	0,4400	0,3950	2165,2000	7	0,3950	5128				
Certificate	DE000VA71TF1	POST 2.223TL OPENV	EUR	0,3670	0,3670	0,3670			0,3670					
Certificate	DE000CF3AQM5	POST 2.297TL OPENC	EUR	0,5800	0,5800	0,5700	1450,0000	1	0,5700	2500				
Certificate	NL0013004716	POST 2.307BL OPENB	EUR	0,3250	0,3500	0,3050	17500,0000	26	0,3050	50000				
Certificate	DE000VA7TGG1	POST 2.323TL OPENV	EUR	0,2670	0,2670	0,2670			0,2670					
Certificate	DE000CN6FQS4	POST 2.327TL OPENZ	EUR	0,2500	0,2800	0,2350	3058,0800	6	0,2350	11136				
Certificate	DE000VA7TGH9	POST 2.423TL OPENV	EUR	0,1670	0,1670	0,1670			0,1670					
Certificate	DE000CV8AWV3	POST 2.425TL OPENZ	EUR	0,1900	0,1900	0,1450	883,5000	2	0,1450	4650				
Certificate	NL0013002629	POST 2.507BL OPENB	EUR	0,1250	0,1400	0,1050	1400,0000	5	0,1050	10000				
Certificate	DE000CR9S9H1	POST 2.529TL OPENZ	EUR											
Certificate	DE000CN6HSZ1	POST 2.629TL OPENZ	EUR											
Certificate	DE000VL76NX3	POST 2.701TL OPENV	EUR	0,0860	0,1020	0,0540	1808,0000	3	0,0670	32000				
Certificate	DE000CF3AQP8	POST 2.807TL OPENC	EUR											
Certificate	DE000CJ3N5B0	POST 2.888TS OPENZ	EUR	0,3650	0,3650	0,3650			0,3650					
Certificate	NL0013007032	POST 2.889BS OPENB	EUR	0,3850	0,3950	0,3850			0,3950					
Certificate	DE000CJ3NZS2	POST 3.136TS OPENZ	EUR	0,6050	0,6050	0,6050			0,6050					
Certificate	DE000VA6T2N2	POST 3.273TS OPENV	EUR	0,7580	0,7580	0,7580			0,7580					
Certificate	DE000CV89NF2	POST 3.382TS OPENZ	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	DE000VA3TE50	POST 3.465TS OPENV	EUR	0,8590	0,8590	0,8590			0,8590					
Certificate	NL0012998249	POST 3.489BS OPENB	EUR	0,9850	0,9950	0,9850			0,9950					
Certificate	DE000CV8AU00	POST 3.579TS OPENZ	EUR	1,0450	1,0450	1,0450			1,0450					
Certificate	DE000VL76LU3	POST 3.762TS OPENV	EUR	0,9570	0,9570	0,9570			0,9570					
Certificate	DE000VAGEDH0	POST 3.776TS OPENV	EUR	1,2580	1,2580	1,2580			1,2580					
Certificate	NL0012998256	POST 3.788BS OPENB	EUR	1,2750	1,2950	1,2750			1,2950					
Certificate	DE000VL76LV1	POST 3.862TS OPENV	EUR	1,0560	1,0560	1,0560			1,0560					
Certificate	DE000CV89CS8	POST 3.883TS OPENZ	EUR											
Certificate	DE000VL76DP0	POST 3.967TS OPENV	EUR	1,1540	1,1540	1,1540			1,1540					
Certificate	DE000CV89HT5	POST 4.388TS OPENZ	EUR											
Certificate	DE000VN66NU6	POST 4.606TS OPENV	EUR	1,6000	1,6440	1,6000	3200,0000	1	1,6440	2000				
Certificate	NL0012976492	PROX 15.87TL OPENB	EUR	8,4750	8,4750	7,9350			7,9350					
Certificate	NL0012971253	PROX 17.27TL OPENB	EUR	7,1550	7,1550	6,6150			6,6150					
Certificate	NL0012790505	PROX 18.87TL OPENB	EUR	5,7250	5,7250	5,1850			5,1850					
Certificate	NL0013007883	PROX 20.47TL OPENB	EUR	4,2650	4,2650	3,7250			3,7250					
Certificate	NL0012971287	PROX 22.77TS OPENB	EUR											
Certificate	NL0013000763	PROX 24.1TS OPENB	EUR	3,0550	3,5450	3,0550			3,5450					
Certificate	NL0013012289	PROX 25.6TS OPENB	EUR	4,6050	5,0950	4,6050			5,0950					
Certificate	NL0012695548	PROX 27.2TS OPENB	EUR	6,3550	6,8450	6,3550			6,8450					
Certificate	DE000CJ3N569	PROX 12.56TL OPENZ	EUR	10,1000	10,1000	10,1000			10,1000					
Certificate	DE000CV89G58	PROX 16.57TL OPENZ	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	DE000CD63765	PROX 18.58TL OPENZ	EUR	4,0950	4,0950	4,0950			4,0950					
Certificate	DE000CJ3N229	PROX 20.57TL OPENZ	EUR	2,1250	2,1250	2,1250			2,1250					
Certificate	DE000CJ3N4M0	PRU 10.71TL OPENZ	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	DE000CV87TG1	PRU 12.71TL OPENZ	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	DE000CV4YXX6	PRU 14.74TL OPENZ	EUR	0,1300	0,1300	0,1300			0,1300					
Certificate	DE000CD61QU1	PSI20 3461TL OPENZ	EUR	16,0800	16,0800	15,8700			15,8700					
Certificate	DE000CN6HNE7	PSI20 3768TL OPENZ	EUR	13,0100	13,0100	12,8000			12,8000					
Certificate	DE000CR6XM14	PSI20 4081TL OPENZ	EUR	9,8800	9,8800	9,6700			9,6700					
Certificate	DE000CE6BFN8	PSI20 4382TL OPENZ	EUR	6,8700	6,8700	6,6600			6,6600					
Certificate	DE000CE6C6Q7	PSI20 4681TL OPENZ	EUR	3,8950	3,8950	3,6850			3,6850					
Certificate	DE000CE6DB19	PSI20 4976TL OPENZ	EUR											
Certificate	DE000CE6CSX8	PSI20 5713TS OPENZ	EUR	6,5800	6,8000	6,5800			6,8000					
Certificate	DE000CE6EYF9	PSI20 6110TS OPENZ	EUR	10,5500	10,7700	10,5500			10,7700					
Certificate	DE000CV4ZC42	PSI20 6507TS OPENZ	EUR	14,5200	14,7300	14,5200			14,7300					
Certificate	NL0012788848	PSMG 28.8TS OPENB	EUR	1,0750	1,0950	1,0750			1,0950					
Certificate	DE000CV89QV6	PSMG 15.05TL OPENZ	EUR	0,6050	0,6050	0,6050			0,6050					
Certificate	DE000CV89C11	PSMG 17.08TL OPENZ	EUR	0,4050	0,4050	0,4050			0,4050					
Certificate	NL0012976914	PSMG 18.52TL OPENB	EUR	0,4450	0,4450	0,4250			0,4250					
Certificate	DE000CE6FJG5	PSMG 19.11TL OPENZ	EUR	0,2050	0,2050	0,2050			0,2050					
Certificate	NL0012976484	PSMG 20.04TL OPENB	EUR	0,3050	0,3050	0,2850			0,2850					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013010226	PSMG 22.91TS OPENB	EUR	0,4150	0,4350	0,4150			0,4350					
Certificate	NL0012794663	PSMG 25.86TS OPENB	EUR	0,7450	0,7650	0,7450			0,7650					
Certificate	NL0012685705	PSMG 31.72TS OPENB	EUR	1,3950	1,4150	1,3950			1,4150					
Certificate	DE000CJ3N815	PST 4.44TL OPENZ	EUR	1,8500	1,8500	1,8500			1,8500					
Certificate	DE000CV8AUT1	PST 5.24TL OPENZ	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000CJ3N3R1	PST 6.04TL OPENZ	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	DE000CV87W35	PUBLI39.69TL OPENZ	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	DE000CV4VXP2	PUBLI44.75TL OPENZ	EUR	1,1800	1,1800	0,9600	99,1200	1	0,9600	84				
Certificate	NL0009863422	QUALC 34.8TL OPENB	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	NL0012020440	QUALC 85.4TS OPENB	EUR	2,4050	2,4050	2,4050			2,4050					
Certificate	DE000CE6BQT2	RANDS LEVOPENZ	EUR	12,0100	12,0100	12,0100			12,0100					
Certificate	NL0012796049	RANDS SHROPENZ	EUR	64,7200	64,7200	64,7200			64,7200					
Certificate	NL0011906706	RANDS 32TL OPENB	EUR	15,0350	15,4400	15,0350	777,0000	1	15,4050	50				
Certificate	DE000CP06WZ7	RANDS 32TL OPENC	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	DE000CP07A36	RANDS 32TL OPENC	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	DE000VA71NB3	RANDS 39TL 0319V	EUR	0,5745	0,5745	0,5745			0,5745					
Certificate	DE000VA71ND9	RANDS 40TL 0319V	EUR	0,4755	0,4755	0,4755			0,4755					
Certificate	DE000VA71T89	RANDS 40TL 1218V	EUR	0,4715	0,4715	0,4715			0,4715					
Certificate	DE000CP06X06	RANDS 40TL OPENC	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	DE000CP07A44	RANDS 40TL OPENC	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	DE000VA7PWU7	RANDS 41TL 0319V	EUR	0,3845	0,3845	0,3845			0,3845					
Certificate	DE000VA71M94	RANDS 41TL 1218V	EUR	0,3755	0,3755	0,3755			0,3755					
Certificate	DE000VA7PTB3	RANDS 42TL 0319V	EUR	0,2965	0,2965	0,2965			0,2965					
Certificate	DE000VA64XP7	RANDS 42TL 1218V	EUR	0,2945	0,3000	0,2875	300,0000	1	0,2875	1000				
Certificate	DE000VA71YG9	RANDS 43TL 0319V	EUR	0,2075	0,2075	0,2075			0,2075					
Certificate	DE000VA71YE4	RANDS 43TL 1218V	EUR	0,1995	0,1995	0,1995			0,1995					
Certificate	DE000VA71T63	RANDS 44TS 0319V	EUR											
Certificate	DE000VA71UA0	RANDS 44TS 1218V	EUR											
Certificate	DE000CP07A51	RANDS 44TS OPENC	EUR											
Certificate	DE000VA71M11	RANDS 45TS 0319V	EUR	0,1425	0,1425	0,1425			0,1425					
Certificate	DE000VA71NH0	RANDS 45TS 1218V	EUR	0,1415	0,1415	0,1415			0,1415					
Certificate	DE000CP06X14	RANDS 45TS OPENC	EUR	0,0800	0,1200	0,0800	70,4000	1	0,1200	880				
Certificate	DE000VA71M52	RANDS 46TS 0319V	EUR	0,2385	0,2385	0,2385			0,2385					
Certificate	DE000VA71NM0	RANDS 46TS 1218V	EUR	0,2315	0,2315	0,2315			0,2315					
Certificate	DE000VA7PVK0	RANDS 47TS 0319V	EUR	0,3285	0,3285	0,3285			0,3285					
Certificate	DE000VA64XQ5	RANDS 47TS 1218V	EUR	0,3205	0,3205	0,3205			0,3205					
Certificate	LU1840912593	RANDS 48TPIOPENS	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	DE000VA7PS70	RANDS 48TS 0319V	EUR	0,4185	0,4185	0,4185			0,4185					
Certificate	DE000VA6T274	RANDS 48TS 1218V	EUR	0,4105	0,4105	0,4105			0,4105					
Certificate	DE000CP06X22	RANDS 48TS OPENC	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	DE000CP07A69	RANDS 48TS OPENC	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000VA7PS88	RANDS 49TS 0319V	EUR	0,5155	0,5155	0,5155			0,5155					
Certificate	NL0012796239	RANDS 50BON0619Z	EUR	45,4400	45,4400	45,4400			45,4400					
Certificate	NL0012796247	RANDS 50BON0919Z	EUR	44,9200	44,9200	44,9200			44,9200					
Certificate	NL0012796254	RANDS 50BON1219Z	EUR	44,5300	44,5300	44,5300			44,5300					
Certificate	DE000VA7PS96	RANDS 50TS 0319V	EUR	0,6165	0,6165	0,6165			0,6165					
Certificate	DE000VA6TYE1	RANDS 50TS 1218V	EUR	0,5470	0,5470	0,5470			0,5470					
Certificate	NL0013003262	RANDS 51BOC0919B	EUR	44,2800	44,5800	44,2800			44,5800					
Certificate	NL0012796312	RANDS 51BOC1219Z	EUR	44,8200	44,8200	44,8200			44,8200					
Certificate	DE000VA7PTA5	RANDS 51TS 0319V	EUR	0,7165	0,7165	0,7165			0,7165					
Certificate	DE000VAGEE39	RANDS 51TS 1218V	EUR	0,6480	0,6480	0,6480			0,6480					
Certificate	DE000CQ5A723	RANDS 52TL OPENC	EUR											
Certificate	DE000CY52J55	RANDS 52TL OPENC	EUR											
Certificate	DE000VAGEER7	RANDS 52TS 1218V	EUR	0,7480	0,7480	0,7480			0,7480					
Certificate	DE000VA6D5L7	RANDS 54TS 1218V	EUR	0,9480	0,9480	0,9480			0,9480					
Certificate	DE000VA4RNE3	RANDS 57TS 1218V	EUR	1,2480	1,2480	1,2480			1,2480					
Certificate	NL0012676274	RANDS 60BOC1218B	EUR	50,2200	51,1700	50,2200			51,1700					
Certificate	DE000VASELZ7	RANDS 60TS 1218V	EUR	1,5490	1,5490	1,5490			1,5490					
Certificate	DE000VLSR897	RANDS 62TS OPENV	EUR	1,4095	1,4095	1,4095			1,4095					
Certificate	DE000VLSR9A4	RANDS 64TS OPENV	EUR	1,6055	1,6055	1,6055			1,6055					
Certificate	NL0010011979	RANDS 10.9TL OPENB	EUR	34,6250	34,6250	34,6250			34,6250					
Certificate	NL0012366306	RANDS 12.2TL OPENH	EUR	33,0100	33,3000	33,0100			33,3000					
Certificate	NL0010283974	RANDS 19.7TL OPENB	EUR	26,6250	26,6250	26,6250			26,6250					
Certificate	NL0010379558	RANDS 22.6TL OPENB	EUR	23,9450	23,9450	23,9450			23,9450					
Certificate	NL0010887717	RANDS 23.3TL OPENB	EUR	22,9550	23,3250	22,9550			23,3250					
Certificate	NL0010893673	RANDS 26.2TL OPENB	EUR	20,2850	20,6550	20,2850			20,6550					
Certificate	NL0010901682	RANDS 27.3TL OPENB	EUR	19,3350	19,7050	19,3350			19,7050					
Certificate	NL0011905336	RANDS 28.9TL OPENB	EUR	17,8550	18,2250	17,8550			18,2250					
Certificate	NL0011926985	RANDS 31.5TL OPENH	EUR	15,4500	15,7400	15,4500			15,7400					
Certificate	NL0011912175	RANDS 33.6TL OPENB	EUR	13,5450	13,9800	13,5450	978,6000	1	13,9150	70				
Certificate	NL0011916085	RANDS 35.2TL OPENB	EUR	12,1550	12,5400	12,1550	2508,0000	1	12,5250	200				
Certificate	DE000CD62874	RANDS 36.4TL OPENZ	EUR	8,1700	8,1700	8,1700			8,1700					



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	NL0012021182	RANDS 36.7TL OPENB	EUR	10,7450	11,1150	10,7450			11,1150					
Certificate	NL0012022834	RANDS 38.3TL OPENB	EUR	9,3450	9,7150	9,3450			9,7150					
Certificate	NL0012025654	RANDS 39.9TL OPENB	EUR	7,8650	8,2350	7,8650			8,2350					
Certificate	NL0012029201	RANDS 41.4TL OPENB	EUR	6,4850	6,9000	6,4850	3450,0000	1	6,8550	500				
Certificate	NL0011994181	RANDS 41.8TL OPENH	EUR	6,0800	6,3700	6,0800			6,3700					
Certificate	NL0013010903	RANDS 42.9TL OPENB	EUR											
Certificate	NL0013012842	RANDS 42.9TL OPENB	EUR	5,1050	5,4750	5,1050			5,4750					
Certificate	DE000VN66WM4	RANDS 44.1TL OPENV	EUR											
Certificate	NL0013010234	RANDS 45.3TS OPENB	EUR	6,3750	6,3750	5,9950			5,9950					
Certificate	DE000VA64X25	RANDS 47.2TS OPENV	EUR	0,3095	0,3095	0,3095			0,3095					
Certificate	NL0013003007	RANDS 47.3TS OPENB	EUR	8,5650	8,5650	8,1850			8,1850					
Certificate	DE000VA672R3	RANDS 48.2TS OPENV	EUR	0,4085	0,4085	0,4085			0,4085					
Certificate	NL0013001993	RANDS 49.3TS OPENB	EUR	10,7550	10,7550	10,3750			10,3750					
Certificate	NL0012999916	RANDS 50.5BS OPENB	EUR	6,9750	6,9750	6,5950			6,5950					
Certificate	NL0013000144	RANDS 50.7TS OPENB	EUR	12,3850	12,3850	12,0050			12,0050					
Certificate	NL0012648448	RANDS 55.2B0C1218Z	EUR	52,5250	52,5250	52,5250			52,5250					
Certificate	NL0011241484	RANDS 56.2TS OPENH	EUR	18,3400	18,3400	18,0600			18,0600					
Certificate	NL0012494629	RANDS 56.5B0C1218B	EUR	51,3700	51,9200	51,3700			51,9200					
Certificate	NL0012696876	RANDS 56.8TS OPENB	EUR	19,0650	19,0650	18,6850			18,6850					
Certificate	DE000CE6BKYS	RANDS 59.5TS OPENZ	EUR	3,0550	3,0550	3,0550			3,0550					
Certificate	NL0012602791	RANDS 62.7TS OPENH	EUR	25,5200	25,5200	25,2700			25,2700					
Certificate	NL0012366264	RANDS 69.8TS OPENH	EUR	33,4400	33,4400	33,1500			33,1500					
Certificate	NL0011721857	RANDS16.93TL OPENH	EUR	28,7000	29,0000	28,7000			29,0000					
Certificate	NL0012366298	RANDS21.37TL OPENH	EUR	24,6600	24,9600	24,6600			24,9600					
Certificate	NL0011904297	RANDS25.45BL OPENB	EUR	19,1550	19,5250	19,1550			19,5250					
Certificate	NL0011230503	RANDS25.56TL OPENH	EUR	20,8500	21,1400	20,8500			21,1400					
Certificate	NL0010901500	RANDS26.52BL OPENB	EUR	18,0650	18,4350	18,0650			18,4350					
Certificate	DE000CJ3NUG8	RANDS27.91TL OPENZ	EUR	3,3250	3,3250	3,3250			3,3250					
Certificate	NL0010901518	RANDS28.19BL OPENB	EUR	16,3950	16,7650	16,3950			16,7650					
Certificate	NL0011927009	RANDS29.43TL OPENH	EUR	17,3300	17,6200	17,3300			17,6200					
Certificate	NL0011927991	RANDS32.54TL OPENH	EUR	14,5100	14,8000	14,5100			14,8000					
Certificate	DE000CD624N4	RANDS32.79TL OPENZ	EUR	12,9300	12,9300	12,9300			12,9300					
Certificate	DE000CJ3N526	RANDS32.88TL 1218Z	EUR	2,3450	2,3450	2,3450			2,3450					
Certificate	DE000CD625J9	RANDS33.92TL OPENZ	EUR	10,6400	10,6400	10,6400			10,6400					
Certificate	NL0011934161	RANDS34.61TL OPENH	EUR	12,6200	12,9100	12,6200			12,9100					
Certificate	LU1840981648	RANDS34.71TCIOPENS	EUR	10,2300	10,2300	10,2300			10,2300					
Certificate	DE000CD62KD8	RANDS35.87TL OPENZ	EUR	9,9600	9,9600	9,9600			9,9600					
Certificate	DE000CJ3N534	RANDS35.88TL 1218Z	EUR	1,7450	1,7450	1,7450			1,7450					
Certificate	NL0011917349	RANDS36.65BL OPENB	EUR	7,9550	8,3250	7,9550			8,3250					
Certificate	NL0011979406	RANDS36.66TL OPENH	EUR	10,7500	11,0400	10,7500			11,0400					
Certificate	DE000VA77GN7	RANDS37.67TL OPENV	EUR	0,6915	0,6915	0,6915			0,6915					
Certificate	NL0011979851	RANDS37.69TL OPENH	EUR	9,8200	10,1100	9,8200			10,1100					
Certificate	NL0012021380	RANDS37.71BL OPENB	EUR	6,9050	7,2750	6,9050			7,2750					
Certificate	DE000VA77GP2	RANDS38.67TL OPENV	EUR	0,5915	0,5915	0,5915			0,5915					
Certificate	NL0011988985	RANDS38.71TL OPENH	EUR	8,8900	9,1800	8,8900			9,1800					
Certificate	NL0012021893	RANDS38.76BL OPENB	EUR	5,8350	6,2050	5,8350			6,2050					
Certificate	DE000CJ3NSX7	RANDS38.88TL 1218Z	EUR	1,0600	1,1550	1,0600	344,5000	2	1,1550	325				
Certificate	DE000CX59GM1	RANDS38.94TL OPENC	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	DE000CD639K8	RANDS39.37TL OPENZ	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	DE000VA64X33	RANDS39.68TL OPENV	EUR	0,4875	0,4875	0,4875			0,4875					
Certificate	NL0011989793	RANDS39.73TL OPENH	EUR	7,9600	8,2500	7,9600			8,2500					
Certificate	LU1817373365	RANDS40.11TCIOPENS	EUR	4,8800	4,8800	4,8800			4,8800					
Certificate	NL0011990429	RANDS40.75TL OPENH	EUR	7,0300	7,8000	7,0300			7,3200					
Certificate	NL0012025365	RANDS40.86BL OPENB	EUR	3,7350	4,4200	3,7350	13263,9400	5	4,1050	3044				
Certificate	DE000CD63DX9	RANDS41.56TL OPENZ	EUR	4,4900	4,4900	4,4900			4,4900					
Certificate	NL0012025779	RANDS41.91BL OPENB	EUR	2,6950	3,3900	2,6950	3178,5000	4	3,0650	1005				
Certificate	DE000CX59KV4	RANDS41.94TL OPENC	EUR	0,2800	0,2800	0,2800			0,2800					
Certificate	LU1840960485	RANDS41.95TCIOPENS	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	DE000CX59Q84	RANDS42.02TL OPENC	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	DE000VA71W84	RANDS42.65TL OPENV	EUR	0,2045	0,2045	0,2045			0,2045					
Certificate	DE000CD63D87	RANDS42.82TL OPENZ	EUR											
Certificate	NL0011994173	RANDS42.83TL OPENH	EUR											
Certificate	DE000VN66XS9	RANDS43.11TL OPENV	EUR	0,3080	0,3080	0,2945	381,9200	2	0,2945	1270				
Certificate	DE000CY16P94	RANDS43.36TL OPENC	EUR											
Certificate	DE000CY16PM0	RANDS43.55TL OPENC	EUR											
Certificate	DE000VA71XA4	RANDS43.65TL OPENV	EUR	0,1310	0,1310	0,1310			0,1310					
Certificate	NL0011994165	RANDS43.86TL OPENH	EUR											
Certificate	DE000VA71TG9	RANDS44.16TS OPENV	EUR											
Certificate	NL0013011430	RANDS44.24BS OPENB	EUR											
Certificate	NL0013082639	RANDS44.77TS OPENH	EUR											
Certificate	LU1840979824	RANDS45.12TCIOPENS	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	DE000VA77GJ5	RANDS45.16TS OPENV	EUR	0,1370	0,1370	0,1370			0,1370					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013009046	RANDS45.23BS OPENB	EUR	1,7050	1,7050	1,2400	2550,0000	2	1,3250	2000				
Certificate	NL0013085186	RANDS45.77TS OPENH	EUR	6,8200	6,8200	6,5300			6,5300					
Certificate	DE000VA77GL1	RANDS46.16TS OPENV	EUR	0,2185	0,2185	0,2185			0,2185					
Certificate	NL0013009053	RANDS46.23BS OPENB	EUR	2,7050	2,7050	2,3250			2,3250					
Certificate	NL0013002652	RANDS47.23BS OPENB	EUR	3,6950	3,6950	3,3150			3,3150					
Certificate	NL0012905202	RANDS47.68TS OPENH	EUR	8,8900	8,8900	8,6000			8,6000					
Certificate	NL0013002223	RANDS48.21BS OPENB	EUR	4,6850	4,6850	4,3050			4,3050					
Certificate	DE000CJ3N5C8	RANDS49.02TS OPENZ	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	DE000VA321A6	RANDS49.12TL OPENV	EUR											
Certificate	NL0013001753	RANDS49.21BS OPENB	EUR	5,6750	5,6750	5,2950			5,2950					
Certificate	NL0013000516	RANDS49.51BS OPENB	EUR	5,9850	5,9850	5,6050			5,6050					
Certificate	NL0012902407	RANDS49.79TS OPENH	EUR	11,1900	11,1900	10,9400			10,9400					
Certificate	DE000VAGTXY1	RANDS49.91TS OPENV	EUR	0,5085	0,5085	0,5085			0,5085					
Certificate	LU1817382788	RANDS50.16TPIOPENS	EUR	6,2200	6,2200	6,2200			6,2200					
Certificate	DE000VAGEEY3	RANDS50.91TS OPENV	EUR	0,6085	0,6085	0,6085			0,6085					
Certificate	NL0012901177	RANDS51.77TS OPENH	EUR	13,4300	13,4300	13,1400			13,1400					
Certificate	DE000VAGEEZ0	RANDS51.91TS OPENV	EUR	0,7085	0,7085	0,7085			0,7085					
Certificate	NL0012996177	RANDS52.49BS OPENB	EUR	8,9650	8,9650	8,5850			8,5850					
Certificate	LU1817291633	RANDS52.54TPIOPENS	EUR	8,6000	8,6000	8,6000			8,6000					
Certificate	DE000VAGD7S8	RANDS52.95TS OPENV	EUR	0,8075	0,8075	0,8075			0,8075					
Certificate	NL0012989050	RANDS53.74TS OPENH	EUR	15,6200	15,6200	15,3300			15,3300					
Certificate	NL0012976658	RANDS54.25BOC0619B	EUR	46,5700	46,9800	46,5700			46,9800					
Certificate	LU1790569179	RANDS54.46TPIOPENS	EUR	10,5200	10,5200	10,5200			10,5200					
Certificate	DE000CJ3NMJ9	RANDS54.51TS OPENZ	EUR	2,0650	2,0650	2,0650			2,0650					
Certificate	DE000VAGD4U1	RANDS54.95TS OPENV	EUR	1,0065	1,0065	1,0065			1,0065					
Certificate	NL0012697015	RANDS55.46BS OPENB	EUR	11,9250	11,9250	11,5450			11,5450					
Certificate	NL0012793053	RANDS56.65BOC1218B	EUR	44,5900	44,9500	44,5900			44,9500					
Certificate	DE000CR9R8F8	RANDS56.77TS OPENZ	EUR	14,8500	14,8500	14,8500			14,8500					
Certificate	NL0012648455	RANDS57.17BOC0619Z	EUR	50,9950	50,9950	50,9950			50,9950					
Certificate	NL0012699144	RANDS57.42BS OPENB	EUR	13,8950	13,8950	13,5150			13,5150					
Certificate	NL0011230073	RANDS59.77TS OPENH	EUR	22,3100	22,3100	22,0200			22,0200					
Certificate	DE000VN66N53	RANDS60.89TS OPENV	EUR	1,5045	1,5045	1,5045			1,5045					
Certificate	DE000VN66N12	RANDS60.89TS OPENV	EUR	1,2055	1,2055	1,2055			1,2055					
Certificate	NL0012648810	RANDS61.11BON0619Z	EUR	45,7600	45,7600	45,7600			45,7600					
Certificate	DE000CY16C73	RANDS62.59TS OPENC	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	NL0012601033	RANDS62.68TS OPENH	EUR	25,5000	25,5000	25,2400			25,2400					
Certificate	NL0011721832	RANDS63.17TS OPENH	EUR	26,0800	26,0800	25,7900			25,7900					
Certificate	NL0012649149	RANDS64.07BOC1218Z	EUR	44,8700	44,8700	44,8700			44,8700					
Certificate	NL0012366272	RANDS66.89TS OPENH	EUR	30,2100	30,2100	29,9200			29,9200					
Certificate	NL0012649156	RANDS67.02BOC0619Z	EUR	43,0700	43,0700	43,0700			43,0700					
Certificate	NL0012581136	RANDS67.17TS OPENH	EUR	30,5200	30,5200	30,2300			30,2300					
Certificate	DE000VL76J59	RANDS67.76TS OPENV	EUR	1,9925	1,9925	1,9925			1,9925					
Certificate	DE000CV87WG5	RANDS69.48TS OPENZ	EUR											
Certificate	NL0012366256	RANDS72.71TS OPENH	EUR	36,6700	36,6700	36,3800			36,3800					
Certificate	NL0012313266	RANDS73.54TS OPENH	EUR	37,5900	37,5900	37,3000			37,3000					
Certificate	NL0012365449	RANDS73.66TS OPENH	EUR	37,7200	37,7200	37,4300			37,4300					
Certificate	NL0012536775	RANDS79.38TS OPENH	EUR	44,0800	44,0800	43,7900			43,7900					
Certificate	NL0012586762	RANDS86.23TS OPENH	EUR	51,6700	51,6700	51,3800			51,3800					
Certificate	NL001258308	RANDS86.67TS OPENH	EUR	52,1600	52,1600	51,8700			51,8700					
Certificate	NL0012579346	RANDS86.85TS OPENH	EUR	52,3600	52,3600	52,0800			52,0800					
Certificate	DE000CV87RZ5	RB 41.54TL OPENZ	EUR	2,6150	2,6150	2,6150			2,6150					
Certificate	DE000CV87JR9	RB 46.63TL OPENZ	EUR	2,0350	2,0350	2,0350			2,0350					
Certificate	DE000CV4YXY4	RB 51.68TL OPENZ	EUR	1,4650	1,4650	1,4650			1,4650					
Certificate	DE000CV8AEM0	RB 61.67TL OPENZ	EUR	0,3450	0,3450	0,3450			0,3450					
Certificate	XS0215447441	RB FX/IL 6%20	EUR											
Certificate	XS0422117530	RB ROB M 0%28MAY19	EUR											
Certificate	XS0262561789	RB SPREAD 4.552%21	EUR	103,6700	103,7100	103,6700			103,7100					
Certificate	XS0295385065	RB SPREAD T 0%22	EUR											
Certificate	NL0000459816	RBSBI PI OPENN	EUR	23,1500	23,6100	23,1500			23,6100					
Certificate	NL0009067883	RDX 323TL OPENB	EUR	10,5800	10,5800	10,5800			10,5800					
Certificate	DE000CY51CF9	RELX 14TL OPENC	EUR	3,8200	3,8200	3,8200			3,8200					
Certificate	DE000CP06X30	RELX 15TL OPENC	EUR	2,2800	2,2800	2,2800			2,2800					
Certificate	DE000CP06X48	RELX 16TL OPENC	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	DE000CP06X55	RELX 18TS OPENC	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	NL0013079387	RELX 18TS OPENH	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	NL0012649164	RELX 19BOC1218Z	EUR	18,6300	18,6300	18,6300			18,6300					
Certificate	DE000CP06X63	RELX 20TS OPENC	EUR	2,9600	2,9600	2,9600			2,9600					
Certificate	DE000CY51AR8	RELX 22TS OPENC	EUR	4,0600	4,0600	4,0600			4,0600					
Certificate	NL0009988807	RELX 3.2TL OPENB	EUR	21,9000	21,9000	21,9000			21,9000					
Certificate	NL0010516969	RELX 7.6TL OPENB	EUR	15,6100	15,6100	15,6100			15,6100					
Certificate	NL0010904165	RELX 10.9TL OPENB	EUR	10,9400	10,9400	10,9400			10,9400					
Certificate	NL0011052949	RELX 10.9TL OPENH	EUR	10,9800	10,9800	10,9800			10,9800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011742101	RELX 12.6TL OPENH	EUR	5,5600	5,5600	5,5600			5,5600					
Certificate	NL0012033872	RELX 14.2TL OPENB	EUR	4,0600	4,0600	4,0600			4,0600					
Certificate	NL0012109482	RELX 15.2TL OPENB	EUR	3,0600	3,0600	3,0600			3,0600					
Certificate	NL0012779870	RELX 16.3TL OPENB	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	NL0012900807	RELX 18.5TS OPENH	EUR	2,7700	2,7700	2,7700			2,7700					
Certificate	NL0012649172	RELX 19.5B0C0619Z	EUR	18,5200	18,5200	18,5200			18,5200					
Certificate	NL0012785554	RELX 20.2BS OPENB	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	NL0012112403	RELX 20.3TS OPENB	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	NL0012788855	RELX 21.7TS OPENB	EUR	6,3400	6,3400	6,3400			6,3400					
Certificate	NL0011052873	RELX 21.9TS OPENH	EUR	9,9200	9,9200	9,9200			9,9200					
Certificate	NL0012980585	RELX 23.2TS OPENB	EUR	7,9500	7,9500	7,9500			7,9500					
Certificate	DE000CF3AD69	RELX 8.18TL OPENC	EUR											
Certificate	DE000CR4HQP7	RELX 10.69TL OPENZ	EUR	6,5700	6,5700	6,5700			6,5700					
Certificate	DE000CR6X8J5	RELX 12.39TL OPENZ	EUR	4,8850	4,8850	4,8850			4,8850					
Certificate	DE000CR9SCD9	RELX 13.38TL OPENZ	EUR	3,8950	3,8950	3,8950			3,8950					
Certificate	NL0011996368	RELX 13.63TL OPENH	EUR	4,6000	4,6000	4,6000			4,6000					
Certificate	NL0012051171	RELX 14.62TL OPENH	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	NL0012098925	RELX 14.84BL OPENB	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	DE000CD646C0	RELX 14.87TL OPENZ	EUR	2,4150	2,4150	2,4150			2,4150					
Certificate	NL0012565550	RELX 14.93TL OPENH	EUR	3,3800	3,4200	3,3800	47,8800	1	3,4200	14				
Certificate	NL0012565543	RELX 15.44TL OPENH	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	NL0012689988	RELX 15.88BL OPENB	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	DE000CJ3NSD9	RELX 16.36TL OPENZ	EUR	1,0300	1,0300	0,9450	1552,2000	2	0,9450	1560				
Certificate	NL0012602825	RELX 16.45TL OPENH	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	NL0012905236	RELX 17.03TL OPENH	EUR											
Certificate	NL0012848089	RELX 19.44TS OPENH	EUR	3,7900	3,7900	3,7900			3,7900					
Certificate	NL0012245187	RELX 19.93TS OPENH	EUR	4,3200	4,3200	4,3200			4,3200					
Certificate	NL0012311088	RELX 19.98TS OPENH	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	NL0012199681	RELX 20.41TS OPENH	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	NL0012792725	RELX 21.19BS OPENB	EUR	4,1900	4,1900	4,1900			4,1900					
Certificate	NL0012993802	RELX 22.19BS OPENB	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	NL0012890826	RELX 23.95TS OPENH	EUR	8,6600	8,6600	8,6600			8,6600					
Certificate	DE000CW42MG9	RENAU 60TL OPENC	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CW42QL0	RENAU 60TL OPENC	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000CX00864	RENAU 65TL OPENC	EUR	0,8700	0,8700	0,8700			0,8700					
Certificate	NL0011927017	RENAU 64.3TL OPENH	EUR	9,1200	9,1200	9,0400			9,0400					
Certificate	NL0012536791	RENAU100.2TS OPENH	EUR	39,2800	39,3500	39,2800			39,3500					
Certificate	NL0012586770	RENAU100.2TS OPENH	EUR	39,3700	39,4500	39,3700			39,4500					
Certificate	NL0012525208	RENAU100.2TS OPENH	EUR	39,3000	39,3800	39,3000			39,3800					
Certificate	NL0012579395	RENAU100.3TS OPENH	EUR	39,4300	39,5100	39,4300			39,5100					
Certificate	NL0012556245	RENAU100.3TS OPENH	EUR	39,4300	39,5000	39,4300			39,5000					
Certificate	NL0011415088	RENAU103.5TS OPENH	EUR	42,9000	42,9700	42,9000			42,9700					
Certificate	NL0012602833	RENAU111.4TS OPENH	EUR	51,4400	51,5100	51,4400			51,5100					
Certificate	NL0012601058	RENAU111.6TS OPENH	EUR	51,6700	51,7500	51,6700			51,7500					
Certificate	NL0011729330	RENAU116.6TS OPENH	EUR	57,0000	57,0700	57,0000			57,0700					
Certificate	NL0011732359	RENAU116.7TS OPENH	EUR	57,0800	57,1500	57,0800			57,1500					
Certificate	NL0012601884	RENAU139.1TS OPENH	EUR	81,3100	81,3800	81,3100			81,3800					
Certificate	NL0012592851	RENAU139.1TS OPENH	EUR	81,2800	81,3600	81,2800			81,3600					
Certificate	NL0012538151	RENAU139.3TS OPENH	EUR	81,5600	81,6300	81,5600			81,6300					
Certificate	NL0012558316	RENAU139.7TS OPENH	EUR	81,9300	82,0000	81,9300			82,0000					
Certificate	NL0011415229	RENAU41.89TL OPENH	EUR	29,9900	29,9900	29,9000			29,9000					
Certificate	NL0012203061	RENAU47.42TL OPENH	EUR	24,8400	24,8400	24,7500			24,7500					
Certificate	NL0012056436	RENAU51.93TL OPENH	EUR	20,6400	20,6400	20,5500			20,5500					
Certificate	DE000CR9SQG2	RENAU52.81TL OPENZ	EUR	16,2100	16,2100	16,2100			16,2100					
Certificate	DE000CR9RLU6	RENAU57.84TL OPENZ	EUR	12,0400	12,0400	11,2150	120,4000	1	11,2150	10				
Certificate	NL0011415187	RENAU58.67TL OPENH	EUR	14,3600	14,3600	14,2800			14,2800					
Certificate	DE000CN6EZWO	RENAU62.78TL OPENZ	EUR	6,4500	6,9600	6,3350	1498,8000	2	6,3350	230				
Certificate	NL0012919807	RENAU79.85TS OPENH	EUR	17,3500	17,4200	17,3500			17,4200					
Certificate	NL0012918718	RENAU83.82TS OPENH	EUR	21,6300	21,7100	21,6300			21,7100					
Certificate	NL0012864938	RENAU84.61TS OPENH	EUR	22,4900	22,5600	22,4900			22,5600					
Certificate	NL0012605653	RENAU91.71TS OPENH	EUR	30,1500	30,2300	30,1500			30,2300					
Certificate	NL0012601066	RENAU95.83TS OPENH	EUR	34,6100	34,6800	34,6100			34,6800					
Certificate	NL0012864920	RENAU96.51TS OPENH	EUR	35,3400	35,4100	35,3400			35,4100					
Certificate	DE000CD639L6	REPSO10.95TL OPENZ	EUR	5,3550	5,3550	5,3550			5,3550					
Certificate	DE000CE6CC84	REPSO12.94TL OPENZ	EUR	3,3750	3,3750	3,3750			3,3750					
Certificate	DE000CV88V01	REPSO14.94TL OPENZ	EUR	1,3950	1,3950	1,3950			1,3950					
Certificate	DE000CD61L14	REPSO9.458TL OPENZ	EUR	6,8700	6,8700	6,8500	103,0500	1	6,8500	15				
Certificate	NL0006343873	RICCO PI OPENN	EUR	6,6500	6,6500	6,6100			6,6100					
Certificate	NL0006066193	RICEN PI OPENN	EUR	6,5800	6,5800	6,5500			6,5500					
Certificate	DE000CJ3N4N8	RICHE51.87TL OPENZ	EUR	0,8850	0,8850	0,8850			0,8850					
Certificate	DE000CV8AXY5	RICHE60.87TL OPENZ	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	DE000CV8AV10	RICHE71.17TL 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	NL0006343907	RIEHI PI OPENN	EUR	10,2100	10,2200	10,2100			10,2200					
Certificate	NL0006066219	RIEHN PI OPENN	EUR	11,3700	11,3900	11,3700			11,3900					
Certificate	NL0009057728	RIEHN PI OPENN	EUR	1,7700	1,7700	1,7600								
Certificate	NL0006343865	RIEHP PI OPENN	EUR	16,5200	16,5900	16,5200			16,5900					
Certificate	DE000CW42V69	RIM 6TL OPENC	EUR	0,2900	0,2900	0,2900								
Certificate	DE000CY512F2	RIM 8TL OPENC	EUR	0,1100	0,1100	0,1100								
Certificate	DE000CY512M8	RIM 8TL OPENC	EUR	0,1600	0,1600	0,1600								
Certificate	NL0010523932	RIM 4.7TL OPENB	EUR	4,6850	4,6850	4,6850								
Certificate	DE000CY51543	RIM 8.5TL OPENC	EUR	0,0600	0,0600	0,0600								
Certificate	DE000CY51E51	RIM 8.5TL OPENC	EUR	0,1200	0,1200	0,1200								
Certificate	NL0010283321	RIM 18.5TS OPENB	EUR	0,9050	0,9050	0,9050								
Certificate	DE000CF504T3	RIM 4.179TL OPENC	EUR											
Certificate	DE000CF504S5	RIM 5.223TL OPENC	EUR	0,3000	0,3000	0,3000								
Certificate	DE000CD61VJ4	RIOT119.19TL OPENZ	EUR	20,5850	20,5850	20,5850			20,5850					
Certificate	DE000CD63DD1	RIOT123.89TL OPENZ	EUR	15,6200	15,6200	15,2300	187,4400	1		15,2300	12			
Certificate	DE000CD63V69	RIOT127.42TL OPENZ	EUR	11,2200	11,2200	11,2200			11,2200					
Certificate	DE000CE6E390	RIOT131.45TL OPENZ	EUR	6,6750	6,6750	6,6750								
Certificate	DE000CJ3NNF5	RIOT135.44TL OPENZ	EUR	2,2250	2,2250	2,2250			2,2250					
Certificate	DE000CJ3NX39	RMG 2.71TL OPENZ	EUR	1,0250	1,0250	1,0250			1,0250					
Certificate	DE000CV8ASH0	RMG 3.16TL OPENZ	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	XS0269906961	RO CLEAN TC 0%22	EUR											
Certificate	XS0239558819	RO PRIV EQ 0%19	EUR											
Certificate	NL0012107577	ROCHE 260TS OPENB	EUR	3,7400	3,7400	3,7200			3,7200					
Certificate	NL0010125696	ROCHE119.1TL OPENB	EUR	11,1600	11,1600	11,1500			11,1500					
Certificate	DE000CV89E27	ROCHE139.3TL OPENZ	EUR	8,7400	8,7400	8,7400			8,7400					
Certificate	DE000CV87RR2	ROCHE159.6TL OPENZ	EUR	6,9700	6,9700	6,9700			6,9700					
Certificate	NL0010289013	ROCHE179.4TL OPENB	EUR	6,2500	6,2500	6,2500			6,2500					
Certificate	DE000CD63AH8	ROCHE179.8TL OPENZ	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	NL0012970636	ROCHE197.6TL OPENB	EUR	4,7800	4,7800	4,7700			4,7700					
Certificate	DE000CR6Y740	ROCHE205.6TL OPENZ	EUR	2,9350	2,9350	2,9350			2,9350					
Certificate	NL0012974091	ROCHE207.4TL OPENB	EUR	3,9900	3,9900	3,9700			3,9700					
Certificate	NL0012980494	ROCHE217.6TL OPENB	EUR	3,1500	3,1500	3,1400			3,1400					
Certificate	DE000CV8ADG4	ROCHE225.5TL OPENZ	EUR	1,2250	1,2250	1,2250			1,2250					
Certificate	NL0012984546	ROCHE228.4TL OPENB	EUR	2,2800	2,2800	2,2700			2,2700					
Certificate	NL0012984660	ROCHE286.2TS OPENB	EUR	6,2200	6,2200	6,2000			6,2000					
Certificate	NL0009592245	ROCHE72.01TL OPENB	EUR	14,9900	14,9900	14,9800			14,9800					
Certificate	NL0012212062	ROCKT 16TL OPENH	EUR	1,2800	1,2800	1,2600			1,2600					
Certificate	NL0012201784	ROCKT 12.6TL OPENH	EUR	1,5700	1,5700	1,5400			1,5400					
Certificate	NL0012206981	ROCKT 15.1TL OPENH	EUR	1,3600	1,3600	1,3300			1,3300					
Certificate	NL0012433478	ROCKT 17.1TL OPENH	EUR	1,2000	1,2000	1,1700			1,1700					
Certificate	NL0012433460	ROCKT 17.6TL OPENH	EUR	1,1600	1,1600	1,1300			1,1300					
Certificate	NL0012433924	ROCKT 18.6TL OPENH	EUR	1,0700	1,0700	1,0400			1,0400					
Certificate	NL0012516199	ROCKT 19.1TL OPENH	EUR	1,0300	1,0300	1,0000			1,0000					
Certificate	NL0012541411	ROCKT 19.6TL OPENH	EUR	0,9800	0,9800	0,9600			0,9600					
Certificate	NL0012546527	ROCKT 20.1TL OPENH	EUR	0,9400	0,9400	0,9100			0,9100					
Certificate	NL0012550198	ROCKT 20.6TL OPENH	EUR	0,9000	0,9000	0,8700			0,8700					
Certificate	NL0012565584	ROCKT 21.2TL OPENH	EUR	0,8600	0,8600	0,8300			0,8300					
Certificate	NL0012864961	ROCKT 21.6TL OPENH	EUR	0,8200	0,8200	0,7900			0,7900					
Certificate	NL0012579437	ROCKT 22.6TL OPENH	EUR	0,7400	0,7400	0,7100			0,7100					
Certificate	NL0012909766	ROCKT 23.2TL OPENH	EUR	0,6900	0,6900	0,6600			0,6600					
Certificate	NL0012909758	ROCKT 23.7TL OPENH	EUR	0,6500	0,6500	0,6200			0,6200					
Certificate	NL0012915698	ROCKT 24.8TL OPENH	EUR											
Certificate	NL0012922413	ROCKT 33.8TS OPENH	EUR	1,6200	1,6700	1,6200			1,6700					
Certificate	DE000CJ3N5D6	ROCKT16.72TL OPENZ	EUR	0,9150	0,9150	0,9150			0,9150					
Certificate	DE000CV8A4U8	ROCKT20.22TL OPENZ	EUR	0,5650	0,5650	0,5650			0,5650					
Certificate	DE000CN6JYA8	RR 6.37TL OPENZ	EUR	0,5350	0,5350	0,5350			0,5350					
Certificate	DE000CN6JRH7	RR 5.654TL OPENZ	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	DE000CE6CCF9	RR 7.583TL OPENZ	EUR	0,2650	0,2650	0,2650			0,2650					
Certificate	DE000CV89GS9	RR 8.584TL OPENZ	EUR	0,0395	0,0395	0,0395			0,0395					
Certificate	DE000CV8A7Y3	RTL 41.99TL OPENZ	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	DE000CN6JQX6	RTL 47.21TL OPENZ	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	DE000CR9RHH1	RTL 54.58TL OPENZ	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000CV8A0B6	RTL 59.77TL OPENZ	EUR											
Certificate	NL0000458180	RUSLAND CT OPENN	EUR	136,0000	136,0000	136,0000			136,0000					
Certificate	NL0013011190	RUSSL 1232BL OPENB	EUR	3,0050	3,0050	3,0050			3,0050					
Certificate	NL0012683536	RUSSL 1332BL OPENB	EUR	2,1350	2,1350	2,1350			2,1350					
Certificate	NL0012684062	RUSSL 1350TL OPENB	EUR	2,1350	2,1350	2,1350			2,1350					
Certificate	NL0012678833	RUSSL 1436BL OPENB	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	NL0012679229	RUSSL 1454TL OPENB	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	NL0013013121	RUSSL 1536BL OPENB	EUR	0,3650	0,3650	0,3650			0,3650					
Certificate	NL0012780068	RUSSL 1537BL OPENB	EUR											
Certificate	NL0012969638	RUSSL 1551TL 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	NL0013012552	RUSSL 1554TL OPENB	EUR	0,3950	0,3950	0,3950			0,3950					
Certificate	NL0013006471	RUSSL 1664TS OPENB	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	NL0013004344	RUSSL 1697BS OPENB	EUR	1,2050	1,2050	1,2050			1,2050					
Certificate	NL0013006489	RUSSL 1864TS OPENB	EUR	2,9150	2,9150	2,9150			2,9150					
Certificate	NL0012971576	RUSSL 1897BS OPENB	EUR	2,9450	2,9450	2,9450			2,9450					
Certificate	NL0012979405	RUSSL 2097BS OPENB	EUR	4,6850	4,6850	4,6850			4,6850					
Certificate	NL0012687685	RWE 14TL OPENB	EUR	4,7250	4,7250	4,7050			4,7050					
Certificate	NL0012611818	RWE 15TL OPENH	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	NL0012611800	RWE 16TL OPENH	EUR	0,2800	0,2800	0,2700			0,2700					
Certificate	NL0013010911	RWE 17TL OPENB	EUR	1,8750	1,8750	1,8550			1,8550					
Certificate	NL0012611792	RWE 17TL OPENH	EUR											
Certificate	NL0013082654	RWE 18TS OPENH	EUR	0,1700	0,1800	0,1700			0,1800					
Certificate	NL0012611750	RWE 25TS OPENH	EUR	0,9200	0,9300	0,9200			0,9300					
Certificate	NL0011426051	RWE 7.6TL OPENB	EUR	10,6850	10,6850	10,6650			10,6650					
Certificate	NL0011416623	RWE 7.7TL OPENH	EUR	1,1100	1,1100	1,1000			1,1000					
Certificate	NL0011416615	RWE 8.7TL OPENH	EUR	1,0100	1,0100	1,0000			1,0000					
Certificate	NL0011798988	RWE 9.9TL OPENB	EUR	8,5450	8,5450	8,5250			8,5250					
Certificate	NL0011721923	RWE 10.7TL OPENH	EUR	0,8100	0,8100	0,8000			0,8000					
Certificate	NL0012175541	RWE 12.7TL OPENH	EUR	0,6200	0,6200	0,6100			0,6100					
Certificate	NL0012201792	RWE 13.6TL OPENH	EUR	0,5200	0,5200	0,5100			0,5100					
Certificate	NL0012611826	RWE 13.9TL OPENH	EUR	0,4700	0,4700	0,4600			0,4600					
Certificate	NL0013005846	RWE 15.1TL OPENB	EUR	3,7350	3,9250	3,7150	1950,0000	1	3,7150	500				
Certificate	NL0013005853	RWE 16.1TL OPENB	EUR	2,8050	2,8050	2,7850			2,7850					
Certificate	NL0013008014	RWE 17.8TS OPENB	EUR											
Certificate	NL0013005994	RWE 19.7TS OPENB	EUR	3,7250	3,7250	3,7250			3,7250					
Certificate	NL0013004294	RWE 21.7TS OPENB	EUR	5,8750	5,8750	5,8750			5,8750					
Certificate	NL0012611768	RWE 23.5TS OPENH	EUR	0,7600	0,7700	0,7600			0,7700					
Certificate	NL0012506885	RWE 23.8TS OPENB	EUR	8,1050	8,1050	8,1050			8,1050					
Certificate	NL0012611743	RWE 25.5TS OPENH	EUR	0,9700	0,9800	0,9700			0,9800					
Certificate	NL0012978761	RWE 25.8TS OPENB	EUR	10,2550	10,2550	10,2550			10,2550					
Certificate	NL0012611735	RWE 27.5TS OPENH	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	NL0012611727	RWE 29.4TS OPENH	EUR	1,4000	1,4100	1,4000			1,4100					
Certificate	NL0012611982	RWE 31.4TS OPENH	EUR	1,6100	1,6200	1,6100			1,6200					
Certificate	NL0012928758	RWE 33.4TS OPENH	EUR	1,8200	1,8300	1,8200			1,8300					
Certificate	DE000CD64E36	RWE 11.31TL OPENZ	EUR	6,2900	6,2900	6,2900			6,2900					
Certificate	DE000CE6C3K7	RWE 13.83TL OPENZ	EUR	3,7900	3,7900	3,7900			3,7900					
Certificate	DE000CV87Y74	RWE 15.81TL OPENZ	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	DE000VNGM5F1	RX10L LEVOPENV	EUR	11,9400	11,9400	11,9400			11,9400					
Certificate	DE000VNGM5H7	RX10S SHROPENV	EUR	5,5750	5,5750	5,5750			5,5750					
Certificate	DE000VNGM5G9	RX15L LEVOPENV	EUR	11,7750	11,7750	11,7750			11,7750					
Certificate	DE000VNGM5J3	RX15S SHROPENV	EUR	3,8400	3,8400	3,7750	268,8000	1	3,7750	70				
Certificate	DE000CR9P304	RYANR10.09TL OPENZ	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	DE000CR9NUK0	RYANR10.61TL OPENZ	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	DE000CJ3NW48	RYANR12.79TS OPENZ	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	DE000CV8BC61	RYANR14.29TS OPENZ	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CV8A4W4	RYANR15.28TL OPENZ	EUR											
Certificate	DE000CV8A8B9	RYANR16.28TS OPENZ	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CE6EJM6	RYANR18.28TS OPENZ	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	DE000CE6DC75	RYANR20.27TS OPENZ	EUR											
Certificate	DE000CJ3NS85	RYANR8.055TL OPENZ	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000CR9P312	RYANR9.563TL OPENZ	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	DE000CJ3NWA7	S92G 12.19TL OPENZ	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000CJ3NSE4	S92G 14.69TL OPENZ	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	DE000CJ3NWB5	S92G 16.19TL OPENZ	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	DE000CJ3N8M1	S92G 18.18TL OPENZ	EUR	0,2500	0,2500	0,2500			0,2500					
Certificate	DE000CV8AWF6	S92G 18.19TL OPENZ	EUR											
Certificate	DE000CV4YXQ0	SAFRN 72.7TL OPENZ	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	DE000CV8B409	SAFRN102.5TL OPENZ	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	DE000CV501F8	SAFRN63.63TL OPENZ	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	DE000CV889U6	SAFRN82.64TL OPENZ	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000CV88U02	SAFRN92.57TL OPENZ	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CY50VN5	SALES 70TL OPENC	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	DE000CY50YG3	SALES 80TL OPENC	EUR	5,6400	5,6400	5,6400			5,6400					
Certificate	DE000CY50VP0	SALES 80TL OPENC	EUR	5,0700	5,0700	5,0700			5,0700					
Certificate	DE000CY50VQ8	SALES 85TL OPENC	EUR	4,6000	4,6000	4,6000			4,6000					
Certificate	DE000CY50YH1	SALES 85TL OPENC	EUR	5,2100	5,2100	5,2100			5,2100					
Certificate	DE000CY51DE0	SALES 90TL OPENC	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	DE000CY51Z56	SALES 95TL OPENC	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	DE000CY51XS8	SALES 95TL OPENC	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	DE000CY52FK0	SALES 95TL OPENC	EUR	4,5100	4,5100	4,5100			4,5100					
Certificate	DE000CY52E68	SALES 100TL OPENC	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	DE000CQ5A5W4	SALES 110TL OPENC	EUR	2,5800	2,5800	2,5800			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	DE000CQ5A8N7	SALES 110TL OPENC	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	DE000CQ58VK9	SALES 120TL OPENC	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000CQ58L97	SALES 120TL OPENC	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	DE000CQ58VL7	SALES 130TL OPENC	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	DE000CQ58TP2	SALES 130TL OPENC	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000CP07AX6	SALES 140TL OPENC	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	DE000CP06XT8	SALES 140TL OPENC	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	DE000CP062X2	SALES 140TL OPENC	EUR											
Certificate	DE000CP06131	SALES 140TL OPENC	EUR											
Certificate	DE000CP06UF3	SALES 150TS OPENC	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	DE000CP07AY4	SALES 155TS OPENC	EUR	1,8500	2,1800	1,8200	6187,2000	5	2,1800	3360				
Certificate	DE000CP06UG1	SALES 160TS OPENC	EUR	1,5600	1,5600	1,5600			1,5600					
Certificate	DE000CP07AZ1	SALES 160TS OPENC	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	DE000CQ58VN3	SALES 170TS OPENC	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	DE000CP06149	SALES 170TS OPENC	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000CP06529	SALES 180TS OPENC	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	DE000CP064F5	SALES 180TS OPENC	EUR	3,2700	3,2700	3,2700			3,2700					
Certificate	DE000CV8A0E0	SALES105.8TL OPENZ	EUR	1,8050	1,8050	1,8050			1,8050					
Certificate	DE000CV8A0F7	SALES126.8TL OPENZ	EUR	0,9350	0,9350	0,9350			0,9350					
Certificate	NL0009991991	SAMSU 370TL OPENB	EUR	53,9500	53,9500	53,9500			53,9500					
Certificate	NL0011426994	SAMSU 452TL OPENB	EUR	47,8200	47,8200	47,3100			47,3100					
Certificate	DE000CV8AZ08	SAMSU 735TL 1218Z	EUR	2,0850	2,0850	2,0850			2,0850					
Certificate	DE000CV8A8R5	SAMSU 835TL 1218Z	EUR	1,2150	1,2150	1,2150			1,2150					
Certificate	DE000CV8ABX3	SAMSU 885TL 1218Z	EUR	0,7850	0,7850	0,7850			0,7850					
Certificate	DE000CV8ABY1	SAMSU 935TL 1218Z	EUR											
Certificate	NL0009175975	SAMSU249.7TL OPENB	EUR	63,6700	63,6700	63,6700			63,6700					
Certificate	NL0011806336	SAMSU499.6TL OPENB	EUR	43,9700	43,9700	43,4600			43,4600					
Certificate	NL0011806344	SAMSU525.6TL OPENB	EUR	41,8600	41,8600	41,3600			41,3600					
Certificate	DE000CX001G5	SANOF 50TL OPENC	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	DE000CX0JBM2	SANOF 60TL OPENC	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	DE000CX0JA51	SANOF 60TL OPENC	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	NL0009437045	SANOF 26.2TL OPENB	EUR	5,3550	5,3550	5,3550			5,3550					
Certificate	NL0009999465	SANOF 37.1TL OPENB	EUR	4,3450	4,3450	4,3450			4,3450					
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	2,4400	2,4450	2,4350	634,4000	1	2,4350	260				
Certificate	DE000CR1K641	SANOF 60.6TL OPENZ	EUR	1,7250	1,7250	1,7250			1,7250					
Certificate	NL0012790976	SANOF 62.7TL OPENB	EUR	1,9950	1,9950	1,9650			1,9650					
Certificate	NL0012978555	SANOF 67.6TL OPENB	EUR	1,5250	1,5500	1,5050	310,0000	1	1,5050	200				
Certificate	NL0013002850	SANOF 72.7TL OPENB	EUR	1,0550	1,0550	1,0350			1,0350					
Certificate	NL0012986434	SANOF 84.3TS OPENB	EUR	1,3050	1,3350	1,3050			1,3350					
Certificate	NL0011413216	SANOF103.6TS OPENH	EUR	3,3800	3,4200	3,3800			3,4200					
Certificate	NL0012267215	SANOF104.1TS OPENB	EUR	3,4550	3,4750	3,4550			3,4750					
Certificate	NL0012890842	SANOF104.2TS OPENH	EUR	3,4400	3,4800	3,4400			3,4800					
Certificate	NL0012330591	SANOF127.5TS OPENH	EUR	5,9600	6,0000	5,9600			6,0000					
Certificate	NL0012374797	SANOF33.83TL OPENH	EUR	4,6700	4,6700	4,6300			4,6300					
Certificate	DE000CV505U8	SANOF44.43TL OPENZ	EUR	6,6850	6,6850	6,6850			6,6850					
Certificate	DE000CN6HHQ3	SANOF54.47TL OPENZ	EUR	4,6750	4,6750	4,6750			4,6750					
Certificate	NL0011413299	SANOF54.66TL OPENH	EUR	2,7300	2,7300	2,6900			2,6900					
Certificate	NL0011890629	SANOF58.75TL OPENH	EUR	2,3500	2,3500	2,3100			2,3100					
Certificate	NL0012862585	SANOF61.94TL OPENH	EUR	2,0500	2,0500	2,0100			2,0100					
Certificate	NL0012927586	SANOF68.85TL OPENH	EUR	1,4100	1,4100	1,3700	700,0000	1	1,3700	500				
Certificate	DE000CJ3NY04	SANOF70.57TL OPENZ	EUR	1,4750	1,4750	1,4750			1,4750					
Certificate	NL0011413232	SANOF88.74TS OPENH	EUR	1,7800	1,8200	1,7800			1,8200					
Certificate	NL0011413224	SANOF92.46TS OPENH	EUR	2,1800	2,2200	2,1800			2,2200					
Certificate	NL0012785927	SAP 88TL OPENB	EUR	17,1350	17,1350	14,5450			14,5450					
Certificate	NL0010907416	SAP 49.8TL OPENB	EUR	51,8950	51,8950	49,3050			49,3050					
Certificate	DE000CN6F8A5	SAP 61.8TL OPENZ	EUR	32,4500	32,4500	32,4500			32,4500					
Certificate	NL0012038806	SAP 75.7TL OPENB	EUR	28,4150	28,4150	25,8250	13350,0000	1	25,8250	500				
Certificate	NL0012847230	SAP 83.6TL OPENH	EUR	1,9000	1,9000	1,6200	835,0000	1	1,6200	500				
Certificate	NL0012780803	SAP 83.7TL OPENB	EUR	21,0950	21,0950	18,5050			18,5050					
Certificate	NL0013009756	SAP 92.4TL OPENB	EUR	13,2250	13,2250	10,6350			10,6350					
Certificate	NL0013012859	SAP 97.1TL OPENB	EUR											
Certificate	NL0013010259	SAP 103.3TS OPENB	EUR	17,7750	20,3350	17,7750			20,3350					
Certificate	NL0012970370	SAP 108.4TS OPENB	EUR	23,4250	25,9850	23,4250			25,9850					
Certificate	NL0011052634	SAP 111.4TS OPENH	EUR	2,2600	2,5600	2,2600			2,5600					
Certificate	NL0012971956	SAP 113.7TS OPENB	EUR	29,3450	31,9050	29,3450			31,9050					
Certificate	NL0011052717	SAP 37.44TL OPENH	EUR	6,2100	6,2100	5,9300			5,9300					
Certificate	NL0011052709	SAP 45.91TL OPENH	EUR	5,4200	5,4200	5,1400			5,1400					
Certificate	DE000CR6XG53	SAP 55.76TL OPENZ	EUR	38,4700	38,4700	38,4700			38,4700					
Certificate	NL0011721956	SAP 58.44TL OPENH	EUR	4,2500	4,2500	3,9700			3,9700					
Certificate	NL0011721949	SAP 62.61TL OPENH	EUR	3,8600	3,8600	3,5800			3,5800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011721931	SAP 64.69TL OPENH	EUR	3,6600	3,6600	3,3800			3,3800					
Certificate	NL0011927058	SAP 66.48TL OPENH	EUR	3,5000	3,5000	3,2200			3,2200					
Certificate	DE000CN6FGR7	SAP 68.73TL OPENZ	EUR	25,5300	25,5300	25,5300			25,5300					
Certificate	NL0011929393	SAP 70.25TL OPENH	EUR	3,1400	3,1400	2,8600			2,8600					
Certificate	NL0011930599	SAP 74.37TL OPENH	EUR	2,7600	2,7600	2,4800			2,4800					
Certificate	DE000CD62FB2	SAP 77.64TL OPENZ	EUR	19,8500	19,8500	16,6700	555,8000	1	16,6700	28				
Certificate	NL0012051189	SAP 78.46TL OPENH	EUR	2,3800	2,3800	2,1000	1171,0000	2	2,1000	520				
Certificate	DE000CV88R56	SAP 87.57TL OPENZ	EUR	6,8550	6,8550	6,8550			6,8550					
Certificate	NL0012847222	SAP 87.62TL OPENH	EUR	1,5200	1,6100	1,2400	322,0000	1	1,2400	200				
Certificate	NL0012847214	SAP 89.64TL OPENH	EUR	1,3300	1,3300	1,0500			1,0500					
Certificate	NL0012847206	SAP 91.65TL OPENH	EUR	1,1400	1,1400	0,8600			0,8600					
Certificate	NL0010920583	SBMOF 5TL OPENB	EUR	10,9850	10,9850	10,9850			10,9850					
Certificate	DE000CC3Z2P9	SBMOF 8TL OPENC	EUR	7,8400	7,8400	7,8400			7,8400					
Certificate	DE000CX0K256	SBMOF 9TL OPENC	EUR	6,9500	6,9500	6,9500			6,9500					
Certificate	DE000CX0K3N7	SBMOF 9TL OPENC	EUR	7,7600	7,7600	7,7600			7,7600					
Certificate	DE000CX59AG6	SBMOF 10TL OPENC	EUR	6,7500	6,7500	6,7500			6,7500					
Certificate	DE000CX59GP4	SBMOF 10TL OPENC	EUR	5,8500	5,8500	5,8500			5,8500					
Certificate	DE000VA4YP34	SBMOF 11TL 1218V	EUR	4,6030	4,6030	4,6030			4,6030					
Certificate	DE000CQ58TF3	SBMOF 12TL OPENC	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	DE000CQ58V79	SBMOF 12TL OPENC	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	DE000CP060S6	SBMOF 13TL OPENC	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	DE000CQ5A782	SBMOF 13TL OPENC	EUR											
Certificate	DE000CQ5A7A2	SBMOF 13TL OPENC	EUR											
Certificate	DE000CP062P8	SBMOF 13TL OPENC	EUR	3,6300	3,6300	3,6300			3,6300					
Certificate	DE000CP064C2	SBMOF 14TL OPENC	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	DE000CP064V2	SBMOF 14TL OPENC	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	NL0012648463	SBMOF 15BOC1218Z	EUR	14,9500	14,9500	14,9500			14,9500					
Certificate	DE000CP06KN8	SBMOF 15TL OPENC	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	DE000CP06PP2	SBMOF 15TL OPENC	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	DE000CY52W33	SBMOF 15TS OPENC	EUR											
Certificate	DE000CQ5A859	SBMOF 15TS OPENC	EUR											
Certificate	NL0012648471	SBMOF 16BOC0619Z	EUR	15,4600	15,4600	15,4600			15,4600					
Certificate	DE000CP07A93	SBMOF 17TS OPENC	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	DE000CP064X8	SBMOF 17TS OPENC	EUR											
Certificate	NL0012796452	SBMOF 18BOC1219Z	EUR	15,5700	15,5700	15,5700			15,5700					
Certificate	DE000CY51V01	SBMOF 18TS OPENC	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	DE000CX59ZS8	SBMOF 18TS OPENC	EUR											
Certificate	DE000CP06NZ6	SBMOF 18TS OPENC	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	DE000CP064Y6	SBMOF 18TS OPENC	EUR	4,1100	4,1100	4,1100			4,1100					
Certificate	DE000CP06PQ0	SBMOF 20TS OPENC	EUR	6,3000	6,3000	6,3000			6,3000					
Certificate	DE000VA4YP59	SBMOF 11.TL OPENV	EUR	4,5210	4,5210	4,5210			4,5210					
Certificate	DE000VA4YW19	SBMOF 12.TL OPENV	EUR	3,5190	3,5190	3,5190			3,5190					
Certificate	DE000VA4YW35	SBMOF 13.TL OPENV	EUR	2,5160	2,5160	2,5160			2,5160					
Certificate	NL0010910808	SBMOF 6.1TL OPENB	EUR	10,0150	10,0150	10,0150			10,0150					
Certificate	NL0011041868	SBMOF 6.5TL OPENH	EUR	9,6700	9,6700	9,6500			9,6500					
Certificate	NL0010909297	SBMOF 6.6TL OPENB	EUR	9,5250	9,5250	9,5250			9,5250					
Certificate	NL0010654844	SBMOF 7.2TL OPENB	EUR	9,0500	9,0500	9,0500			9,0500					
Certificate	NL0011041850	SBMOF 7.6TL OPENH	EUR	8,7000	8,7000	8,6800			8,6800					
Certificate	NL0010765095	SBMOF 7.8TL OPENB	EUR	8,4600	8,4600	8,4600			8,4600					
Certificate	DE000CV8A488	SBMOF 7.8TL OPENZ	EUR											
Certificate	NL0011041843	SBMOF 8.1TL OPENH	EUR	8,2200	8,2200	8,2000			8,2000					
Certificate	NL0009964196	SBMOF 8.3TL OPENA	EUR											
Certificate	NL0010921052	SBMOF 8.3TL OPENB	EUR	7,9850	7,9850	7,9850			7,9850					
Certificate	DE000CC608A5	SBMOF 8.5TL OPENC	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	NL0011041835	SBMOF 8.6TL OPENH	EUR	7,7400	7,7400	7,7200			7,7200					
Certificate	NL0011906730	SBMOF 9.5TL OPENB	EUR	6,8950	6,8950	6,8950			6,8950					
Certificate	NL0011909338	SBMOF 10.2TL OPENB	EUR	6,3250	6,3250	6,2900	2924,8500	1	6,3250	465				
Certificate	NL0012982425	SBMOF 10.7TL OPENB	EUR	5,8550	5,8550	5,8550			5,8550					
Certificate	NL0012983407	SBMOF 11.2TL OPENB	EUR	5,3950	5,4500	5,3950	545,0000	1	5,3950	100				
Certificate	DE000VA4YTN7	SBMOF 11.5TL 1218V	EUR	4,1030	4,1030	4,1030			4,1030					
Certificate	DE000VA4YTP2	SBMOF 11.5TL OPENV	EUR	4,0190	4,0190	4,0190			4,0190					
Certificate	DE000VL37LF6	SBMOF 12.4TL OPENV	EUR											
Certificate	DE000VA4YW27	SBMOF 12.5TL OPENV	EUR	3,0170	3,0170	3,0170			3,0170					
Certificate	NL0012985246	SBMOF 12.7TL OPENB	EUR	4,0250	4,0250	4,0250			4,0250					
Certificate	NL0012991335	SBMOF 13.3TL OPENB	EUR	3,4950	3,4950	3,4950			3,4950					
Certificate	NL0012994248	SBMOF 13.8TL OPENB	EUR	3,0450	3,0450	3,0450			3,0450					
Certificate	NL0012994255	SBMOF 14.3TL OPENB	EUR	2,5950	2,5950	2,5950			2,5950					
Certificate	NL0012987317	SBMOF 14.8BOC0619B	EUR	14,0900	14,0900	14,0800			14,0800					
Certificate	NL0012795769	SBMOF 14.8BOC0619Z	EUR	14,3200	14,3200	14,3200			14,3200					
Certificate	NL0012997498	SBMOF 14.8TL OPENB	EUR	2,1350	2,1350	2,1350			2,1350					
Certificate	NL0012793079	SBMOF 15.2BOC1218B	EUR	14,5600	14,5700	14,5600			14,5700					
Certificate	NL0012649180	SBMOF 15.3BOC1218Z	EUR	14,5900	14,5900	14,5900			14,5900					



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	NL0012987283	SBMOF 15.48OC0619B	EUR	14,7000	14,7000	14,7000			14,7000					
Certificate	NL0012795777	SBMOF 15.48OC0919Z	EUR	14,7000	14,7000	14,7000			14,7000					
Certificate	NL0013004591	SBMOF 15.4TL OPENB	EUR	1,6150	1,6150	1,6150			1,6150					
Certificate	NL0012494645	SBMOF 16.5BOCI218B	EUR	15,1200	15,1300	15,1200			15,1300					
Certificate	NL0013010267	SBMOF 16.6TS OPENB	EUR	3,0850	3,0850	3,0550			3,0550					
Certificate	NL0012994339	SBMOF 17.5TS OPENB	EUR	4,0350	4,0350	4,0050			4,0050					
Certificate	NL0013004989	SBMOF 18.1TS OPENB	EUR	4,7450	4,7450	4,7150			4,7150					
Certificate	NL0013008022	SBMOF 18.8TS OPENB	EUR	5,5250	5,5250	5,4950			5,4950					
Certificate	NL0012525216	SBMOF 19.4TS OPENH	EUR	6,0800	6,0900	6,0800			6,0900					
Certificate	NL0011231782	SBMOF 7.26TL OPENH	EUR	8,9300	8,9300	8,9100			8,9100					
Certificate	DE000CV8A4Y0	SBMOF 7.73TL OPENZ	EUR											
Certificate	DE000CV8A4C6	SBMOF 8.88TL OPENZ	EUR	7,2800	7,2800	7,2800			7,2800					
Certificate	DE000CR9S654	SBMOF 9.96TL OPENZ	EUR	6,2800	6,2800	6,2800			6,2800					
Certificate	DE000CV8A4Z7	SBMOF10.06TL OPENZ	EUR	5,4900	5,4900	5,4900			5,4900					
Certificate	DE000CV8A500	SBMOF10.56TL OPENZ	EUR	4,9900	4,9900	4,9900			4,9900					
Certificate	NL0012931265	SBMOF11.04TL OPENH	EUR	5,4900	5,4900	5,4700			5,4700					
Certificate	NL0012983944	SBMOF11.42BL OPENB	EUR	4,5250	4,5250	4,5250			4,5250					
Certificate	NL0012932537	SBMOF11.54TL OPENH	EUR	5,0300	5,0300	5,0200			5,0200					
Certificate	DE000CV8ADZ4	SBMOF11.56TL OPENZ	EUR	3,9900	3,9900	3,9900			3,9900					
Certificate	NL0012984843	SBMOF11.92BL OPENB	EUR	4,0250	4,0250	4,0250			4,0250					
Certificate	DE000CV8AFT2	SBMOF12.12TL OPENZ	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	LU1790570185	SBMOF12.26TCIOPENS	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	NL0012984850	SBMOF12.42BL OPENB	EUR	3,5250	3,5250	3,5250			3,5250					
Certificate	DE000CV8AGZ7	SBMOF12.56TL OPENZ	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	NL0012933634	SBMOF12.91TL OPENH	EUR	3,7900	3,7900	3,7700			3,7700					
Certificate	NL0012984868	SBMOF12.92BL OPENB	EUR	3,0150	3,0150	3,0150			3,0150					
Certificate	LU1790570342	SBMOF12.94TCIOPENS	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	NL0012890859	SBMOF13.03TL OPENH	EUR	3,6800	3,6800	3,6600			3,6600					
Certificate	DE000VA3TJ59	SBMOF13.06TL OPENV	EUR											
Certificate	NL0012991053	SBMOF13.42BL OPENB	EUR	2,5150	2,5150	2,5150			2,5150					
Certificate	DE000VASRMC6	SBMOF13.52TL OPENV	EUR	2,0150	2,0150	2,0150			2,0150					
Certificate	DE000CV8B6P2	SBMOF13.56TL OPENZ	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	DE000VA3D9J6	SBMOF13.59TS OPENV	EUR											
Certificate	NL0012994081	SBMOF13.93BL OPENB	EUR	2,0150	2,0150	2,0150			2,0150					
Certificate	NL0012894703	SBMOF14.02TL OPENH	EUR	2,7800	2,7800	2,7600			2,7600					
Certificate	DE000VA6D3T5	SBMOF14.02TL OPENV	EUR	1,5150	1,5150	1,5150			1,5150					
Certificate	LU1817100982	SBMOF14.21TCIOPENS	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	DE000CV8B7V8	SBMOF14.29TL OPENZ	EUR	2,2800	2,2800	2,2800			2,2800					
Certificate	NL0012994099	SBMOF14.43BL OPENB	EUR	1,5150	1,5150	1,5150			1,5150					
Certificate	DE000VA6D3U3	SBMOF14.52TL OPENV	EUR	1,0140	1,0140	1,0140			1,0140					
Certificate	NL0012989076	SBMOF14.53TL OPENH	EUR	2,3200	2,3200	2,3000			2,3000					
Certificate	DE000CV8B7A2	SBMOF14.55TL OPENZ	EUR	1,1300	1,1300	1,0400	339,0000	1	1,0400	300				
Certificate	NL0012997225	SBMOF14.93BL OPENB	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	LU1817319152	SBMOF14.99TCIOPENS	EUR	0,8700	0,8700	0,8700			0,8700					
Certificate	DE000VA6T1R5	SBMOF15.04TL OPENV	EUR	0,5410	0,5410	0,5410			0,5410					
Certificate	NL0013003981	SBMOF15.43BL OPENB	EUR	0,5150	0,5150	0,5150			0,5150					
Certificate	NL0012895163	SBMOF15.44TS OPENH	EUR											
Certificate	LU1840981721	SBMOF15.46TCIOPENS	EUR											
Certificate	NL0013083173	SBMOF15.53TL OPENH	EUR											
Certificate	DE000VA7TG4	SBMOF15.55TL OPENV	EUR											
Certificate	DE000CI3N237	SBMOF15.55TL OPENZ	EUR											
Certificate	DE000VA7TGO0	SBMOF16.43TS OPENV	EUR	1,0870	1,0870	1,0870			1,0870					
Certificate	LU1840980087	SBMOF16.53TCIOPENS	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	NL0013003270	SBMOF16.85BOCD919B	EUR	15,4200	15,4300	15,4200			15,4300					
Certificate	DE000VA7TGR8	SBMOF16.93TS OPENV	EUR	1,5870	1,5870	1,5870			1,5870					
Certificate	NL0013009079	SBMOF16.96BS OPENB	EUR	1,9050	1,9050	1,8750			1,8750					
Certificate	NL0011230149	SBMOF17.17TS OPENH	EUR	3,6000	3,6100	3,6000			3,6100					
Certificate	LU1840960212	SBMOF17.71TCIOPENS	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	DE000VL61DV0	SBMOF17.94TS OPENV	EUR	2,0840	2,0840	2,0840			2,0840					
Certificate	NL0012994149	SBMOF17.96BS OPENB	EUR	2,9050	2,9050	2,8750			2,8750					
Certificate	DE000VA6TXZ8	SBMOF17.97TS OPENV	EUR	2,6020	2,6020	2,6020			2,6020					
Certificate	DE000CV4ZLS8	SBMOF18.22TS OPENZ	EUR	2,8300	2,8300	2,8300			2,8300					
Certificate	NL0013004450	SBMOF18.96BS OPENB	EUR	3,9050	3,9050	3,8750			3,8750					
Certificate	NL0012536809	SBMOF19.41TS OPENH	EUR	6,0800	6,0900	6,0800			6,0900					
Certificate	NL0012521082	SBMOF19.42TS OPENH	EUR	6,0900	6,1000	6,0900			6,1000					
Certificate	NL0013007743	SBMOF19.96BS OPENB	EUR	4,9050	4,9050	4,8750			4,8750					
Certificate	DE000CI3NP88	SBMOF20.22TS OPENZ	EUR	4,8200	4,8200	4,8200			4,8200					
Certificate	DE000CT9JQ08	SBMOF6.092TL OPENC	EUR	10,0300	10,0300	10,0300			10,0300					
Certificate	DE000CV8A4X2	SBMOF6.717TL OPENZ	EUR											
Certificate	DE000CR4HWW6	SBMOF8.749TL OPENZ	EUR	6,7900	6,7900	6,7900			6,7900					
Certificate	DE000CR6X379	SBMOF9.561TL OPENZ	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	NL0011907613	SBMOF9.908BL OPENB	EUR	6,0250	6,0250	6,0250			6,0250					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CD62R66	SCHAT 114.75 OPENZ	EUR	2,1300	2,1300	2,0250			2,0250					
Certificate	DE000CD62R58	SCHAT100.6TL OPENZ	EUR	11,3400	11,4400	11,3400			11,4400					
Certificate	DE000CD62R41	SCHAT105.9TL OPENZ	EUR	5,9900	6,0950	5,9900			6,0950					
Certificate	DE000CD62R74	SCHAT118.7TS OPENZ	EUR	6,8700	6,8700	6,7600			6,7600					
Certificate	DE000CE6C642	SCHAT124.5TS OPENZ	EUR	12,6100	12,6100	12,5000			12,5000					
Certificate	DE000CV89FF8	SCHAT90.43TL OPENZ	EUR	21,4700	21,5700	21,4700			21,5700					
Certificate	NL0010127965	SCHLM 58TL OPENB	EUR	4,7700	4,7700	3,9850	51,1100	2	3,9850		11			
Certificate	DE000CJ3NYD7	SCHLM41.38TL OPENZ	EUR	3,0150	3,0150	3,0150			3,0150					
Certificate	DE000CV89ZP5	SCHLM50.44TL OPENZ	EUR	1,5200	1,5200	1,4150	2335,6900	5	1,4150		1587			
Certificate	NL0011418231	SCHND 40.3TL OPENH	EUR	25,3800	25,3800	24,3000			24,3000					
Certificate	NL0012314090	SCHND102.7TS OPENH	EUR	48,4800	49,4000	48,4800			49,4000					
Certificate	NL0012366868	SCHND102.8TS OPENH	EUR	48,5200	49,4400	48,5200			49,4400					
Certificate	NL0012313282	SCHND103.7TS OPENH	EUR	49,5200	50,4400	49,5200			50,4400					
Certificate	NL0012365464	SCHND103.7TS OPENH	EUR	49,5200	50,4300	49,5200			50,4300					
Certificate	NL0012557953	SCHND116.1TS OPENH	EUR	62,9100	63,8300	62,9100			63,8300					
Certificate	DE000CV8ALH5	SCHND44.45TL OPENZ	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	NL0011890652	SCHND47.18TL OPENH	EUR	18,9700	18,9700	17,9100	9090,0000	1	17,9100		500			
Certificate	DE000CE6CCC6	SCHND54.53TL OPENZ	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	NL0011934203	SCHND55.12TL OPENH	EUR	11,5900	11,5900	10,5200			10,5200					
Certificate	NL0012204267	SCHND61.32TL OPENH	EUR											
Certificate	DE000CE6CCW4	SCHND62.45TL OPENZ	EUR											
Certificate	NL0013081797	SCHND64.04TS OPENH	EUR	6,7300	7,6700	6,7300			7,6700					
Certificate	NL0012919823	SCHND72.04TS OPENH	EUR	15,3300	16,2600	15,3300			16,2600					
Certificate	NL0012935795	SCHND80.03TS OPENH	EUR	23,9600	24,8900	23,9600			24,8900					
Certificate	NL0012907190	SCHND80.04TS OPENH	EUR	23,9700	24,8900	23,9700			24,8900					
Certificate	NL0012214605	SCHND80.62TS OPENH	EUR	24,5900	25,5200	24,5900			25,5200					
Certificate	NL0012608137	SCHND85.68TS OPENH	EUR	30,0600	30,9700	30,0600			30,9700					
Certificate	NL0011970652	SCHND87.29TS OPENH	EUR	31,7800	32,7100	31,7800			32,7100					
Certificate	NL0011935671	SCHND88.21TS OPENH	EUR	32,7900	33,6800	32,7900			33,6800					
Certificate	NL0010733622	SCXP STN0820V	EUR											
Certificate	XS1444044082	SDGP STN1122K	EUR											
Certificate	DE000CJ3N823	SFER 12.66TL OPENZ	EUR	7,2400	7,2400	7,2400			7,2400					
Certificate	DE000CV8AW27	SFER 14.66TL OPENZ	EUR	5,3400	5,3400	5,3400			5,3400					
Certificate	DE000CV8AUV7	SFER 16.75TL OPENZ	EUR	3,3450	3,3450	3,3450			3,3450					
Certificate	DE000CV8AUW5	SFER 18.83TL OPENZ	EUR											
Certificate	DE000CV89CT6	SGL 7.1TL OPENZ	EUR	0,3150	0,3150	0,3150			0,3150					
Certificate	DE000CV89DV0	SGL 6.098TL OPENZ	EUR	0,5150	0,5150	0,5150			0,5150					
Certificate	DE000CJ3PA67	SGL 7.901TL OPENZ	EUR	0,1550	0,1550	0,1550			0,1550					
Certificate	DE000CV88R64	SGL 8.098TL OPENZ	EUR											
Certificate	DE000CJ3NOF2	SGRE 7.47TL OPENZ	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	DE000CJ3NKM7	SGRE 8.47TL OPENZ	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	DE000CJ3N1B9	SHA 6.504TL OPENZ	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	DE000CJ3NX96	SHA 7.508TL OPENZ	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	DE000CE6E887	SHA 8.516TL OPENZ	EUR	0,3100	0,3100	0,2650	1550,0000	1	0,2650		5000			
Certificate	DE000CJ3PA59	SHA 9.511TL OPENZ	EUR	0,0705	0,0705	0,0705			0,0705					
Certificate	DE000CE6BQN5	SHELL LEVOPENZ	EUR	89,0900	89,0900	89,0900			89,0900					
Certificate	DE000CE6BQD6	SHELL SHROPENZ	EUR	7,2500	7,5600	7,2500	1473,0000	3	7,5000		200			
Certificate	XS1346710848	SHELL STN0119B	EUR	109,5000	109,5000	109,5000			109,5000					
Certificate	DE000CX59NA2	SHELL 18TL OPENC	EUR	12,6200	12,6200	12,6200			12,6200					
Certificate	DE000CX00EP3	SHELL 20TL OPENC	EUR	12,3700	12,3700	12,3700			12,3700					
Certificate	DE000CX00FP0	SHELL 20TL OPENC	EUR	11,4800	11,4800	11,4800			11,4800					
Certificate	DE000CY51717	SHELL 20TL OPENC	EUR	10,5000	10,5000	10,5000			10,5000					
Certificate	DE000CX01FQ6	SHELL 21TL OPENC	EUR	11,4400	11,4400	11,4400			11,4400					
Certificate	NL0012494926	SHELL 22TL OPENB	EUR	8,0150	8,0150	7,9750			7,9750					
Certificate	DE000CX59Q92	SHELL 22TL OPENC	EUR	9,5100	9,5100	9,5100			9,5100					
Certificate	DE000CX59NB0	SHELL 22TL OPENC	EUR	8,4800	8,6800	8,4800	94180,0000	11	8,5300		11000			
Certificate	DE000CY51725	SHELL 22TL OPENC	EUR	8,5700	8,5700	8,5700			8,5700					
Certificate	NL0012496830	SHELL 23TL OPENB	EUR	7,0850	7,0850	7,0450			7,0450					
Certificate	DE000CY50XK7	SHELL 23TL OPENC	EUR	7,9400	7,9400	7,9400			7,9400					
Certificate	DE000CY50UW8	SHELL 23TL OPENC	EUR	6,9100	6,9100	6,9100			6,9100					
Certificate	NL0012565519	SHELL 23TL OPENH	EUR	7,0000	7,0000	6,9200			6,9200					
Certificate	DE000CJ3PBC2	SHELL 24TL 1218Z	EUR	4,1100	4,1100	4,1100			4,1100					
Certificate	NL0012685077	SHELL 24TL OPENB	EUR	6,1550	6,1550	6,1150			6,1150					
Certificate	DE000CQ5A156	SHELL 24TL OPENC	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	DE000CY51FT3	SHELL 24TL OPENC	EUR	5,6000	5,6000	5,6000			5,6000					
Certificate	DE000CY51H17	SHELL 24TL OPENC	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	NL0012236228	SHELL 25BON1218Z	EUR	28,1600	28,1600	28,1600			28,1600					
Certificate	NL0012779888	SHELL 25TL OPENB	EUR	5,1750	5,4200	5,1350	19657,0000	7	5,1350		3800			
Certificate	DE000CY52W09	SHELL 25TL OPENC	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	DE000CQ5AQ02	SHELL 25TL OPENC	EUR	4,0600	4,0600	4,0600			4,0600					
Certificate	DE000CQ5AT58	SHELL 25TL OPENC	EUR	4,9300	4,9300	4,9300			4,9300					
Certificate	DE000CQ5BHP7	SHELL 25TL OPENC	EUR	4,6400	4,6400	4,6400			4,6400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA71P88	SHELL 26TL 0319V	EUR	2,0490	2,0490	2,0490			2,0490					
Certificate	NL0012781736	SHELL 26TL OPENB	EUR	4,2450	4,3200	4,2050	475,2000	1	4,2050	110				
Certificate	DE000CQ5AKJ6	SHELL 26TL OPENC	EUR	3,9600	3,9600	3,9600			3,9600					
Certificate	DE000CP06PM9	SHELL 26TL OPENC	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	DE000CQ5AHQ7	SHELL 26TL OPENC	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	DE000VA7PT61	SHELL 27TL 0319V	EUR	1,5030	1,5030	1,2840	420,4500	2	1,2840	300				
Certificate	DE000VA6T142	SHELL 27TL 1218V	EUR	1,3580	1,3580	1,3580			1,3580					
Certificate	NL0012997480	SHELL 27TL OPENB	EUR	3,3350	3,4300	3,2950	102350,0000	6	3,2950	30000				
Certificate	DE000CQ5AV88	SHELL 27TL OPENC	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	DE000CQ5BEC2	SHELL 27TL OPENC	EUR	2,0100	2,0100	1,7600	100,5000	1	1,7600	50				
Certificate	DE000VA7PT79	SHELL 28TL 0319V	EUR	0,5630	0,5630	0,5630			0,5630					
Certificate	DE000VA6T159	SHELL 28TL 1218V	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	DE000CP06PN7	SHELL 28TL OPENC	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000CP06NY9	SHELL 28TL OPENC	EUR	0,6600	0,6600	0,4500	15402,0000	6	0,4900	27000				
Certificate	NL0012649206	SHELL 29B0C1218Z	EUR	28,7250	28,7250	28,7250			28,7250					
Certificate	NL0012648828	SHELL 29B0N1218Z	EUR	29,2300	29,2300	29,2300			29,2300					
Certificate	NL0012905228	SHELL 29TL OPENH	EUR											
Certificate	DE000VA71N77	SHELL 29TS 0319V	EUR	1,2530	1,2530	1,2530			1,2530					
Certificate	DE000VA71PE2	SHELL 29TS 1218V	EUR	1,1320	1,1320	1,1320			1,1320					
Certificate	DE000CP06X71	SHELL 29TS OPENC	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	NL0012649214	SHELL 30B0C0619Z	EUR	28,9400	28,9400	28,9400			28,9400					
Certificate	NL0012648836	SHELL 30B0N0619Z	EUR	29,6000	29,6000	29,6000			29,6000					
Certificate	DE000VA71N93	SHELL 30TS 0319V	EUR	2,4260	2,4260	2,4260			2,4260					
Certificate	DE000VA71PJ1	SHELL 30TS 1218V	EUR	2,1990	2,1990	2,1990			2,1990					
Certificate	DE000CP07A77	SHELL 30TS OPENC	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	NL0012793061	SHELL 31B0C1218B	EUR	30,0400	30,0400	30,0000			30,0000					
Certificate	DE000VA7PT38	SHELL 31TS 0319V	EUR	3,5380	3,5380	3,5380			3,5380					
Certificate	DE000VA6T175	SHELL 31TS 1218V	EUR	3,2540	3,2540	3,2540			3,2540					
Certificate	NL0012792410	SHELL 31TS OPENB	EUR	5,1650	5,2150	5,1650			5,2150					
Certificate	DE000CQ5B0N3	SHELL 31TS OPENC	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	NL0012648349	SHELL 32B0C0619Z	EUR	30,7950	30,7950	30,7950			30,7950					
Certificate	NL0013003312	SHELL 32B0C0919B	EUR	28,4300	28,4300	28,3800			28,3800					
Certificate	DE000VA7PT46	SHELL 32TS 0319V	EUR	4,6050	4,6050	4,6050			4,6050					
Certificate	DE000VA6T3A7	SHELL 32TS 1218V	EUR	4,2760	4,2760	4,2760			4,2760					
Certificate	NL0012788863	SHELL 32TS OPENB	EUR	6,2950	6,3450	6,2950			6,3450					
Certificate	DE000CQ5AFS7	SHELL 32TS OPENC	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	DE000VA7PT53	SHELL 33TS 0319V	EUR	5,6400	5,6400	5,6400			5,6400					
Certificate	DE000CQ5BFI4	SHELL 34TS OPENC	EUR	6,5900	6,5900	6,5900			6,5900					
Certificate	DE000CQ5AQ10	SHELL 34TS OPENC	EUR	4,9000	4,9000	4,9000			4,9000					
Certificate	DE000CQ5BTE6	SHELL 34TS OPENC	EUR	5,9100	5,9100	5,9100			5,9100					
Certificate	DE000CY51XE8	SHELL 34TS OPENC	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	DE000CY522G9	SHELL 34TS OPENC	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	DE000CQ5BHO5	SHELL 35TS OPENC	EUR	7,3800	7,6500	7,3700	14780,0000	4	7,6500	2000				
Certificate	DE000CP064U4	SHELL 35TS OPENC	EUR	8,1900	8,1900	8,1900			8,1900					
Certificate	DE000CQ58V61	SHELL 35TS OPENC	EUR	8,1600	8,1600	8,1600			8,1600					
Certificate	DE000CQ5AT74	SHELL 35TS OPENC	EUR	7,1500	7,1500	7,1500			7,1500					
Certificate	DE000CP07A85	SHELL 35TS OPENC	EUR	8,2700	8,2700	8,2700			8,2700					
Certificate	DE000CQ5AX11	SHELL 36TS OPENC	EUR	7,3100	7,3100	7,3100			7,3100					
Certificate	NL0013081789	SHELL 45TS OPENH	EUR	20,2500	20,3200	20,2500			20,3200					
Certificate	NL0012684500	SHELL 24.8L OPENB	EUR	4,6650	4,6650	4,6250			4,6250					
Certificate	NL0011635974	SHELL 5.7TL OPENB	EUR	23,1150	23,1150	23,0750			23,0750					
Certificate	NL0011635982	SHELL 6.8TL OPENB	EUR	22,1150	22,1150	22,0750			22,0750					
Certificate	NL0009258607	SHELL 8.8TL OPENB	EUR	20,2350	20,2350	20,1950			20,1950					
Certificate	NL0009514223	SHELL 10.1TL OPENB	EUR	19,0250	19,0250	19,0250			19,0250					
Certificate	NL0009558519	SHELL 11.2TL OPENB	EUR	18,0050	18,0050	18,0050			18,0050					
Certificate	NL0009875251	SHELL 12.3TL OPENB	EUR	16,9950	16,9950	16,9550			16,9550					
Certificate	NL0011638549	SHELL 13.4TL OPENB	EUR	15,9750	15,9750	15,9350			15,9350					
Certificate	NL0011648712	SHELL 14.4TL OPENB	EUR	15,0250	15,0250	14,9850			14,9850					
Certificate	NL0011649967	SHELL 15.5TL OPENB	EUR	14,0550	14,0550	14,0150			14,0150					
Certificate	NL0011654546	SHELL 16.6TL OPENB	EUR	13,0450	13,0450	13,0050			13,0050					
Certificate	NL0011654223	SHELL 16.78L OPENB	EUR	11,9350	11,9350	11,8850			11,8850					
Certificate	DE000CX0KHC8	SHELL 17.5TL OPENC	EUR	14,4000	14,4000	14,4000			14,4000					
Certificate	NL0011800081	SHELL 17.6TL OPENB	EUR	12,0250	12,0250	11,9850			11,9850					
Certificate	DE000CN6JWE4	SHELL 17.6TL OPENZ	EUR	10,7800	10,7800	10,7800			10,7800					
Certificate	DE000CN6L154	SHELL 18.4TL OPENZ	EUR	10,5100	10,5100	10,5100			10,5100					
Certificate	NL0012020382	SHELL 18.7TL OPENB	EUR	11,0150	11,0150	10,9750			10,9750					
Certificate	NL0012030654	SHELL 19.8TL OPENB	EUR	10,0450	10,0450	10,0050			10,0050					
Certificate	NL0012036321	SHELL 20.9TL OPENB	EUR	9,0150	9,0150	8,9750			8,9750					
Certificate	DE000CV8ABN4	SHELL 22.5TL 1218Z	EUR	5,6000	5,6000	5,6000			5,6000					
Certificate	NL0012518138	SHELL 22.5TL OPENH	EUR	7,4700	7,4700	7,3900			7,3900					
Certificate	DE000CE6ESY2	SHELL 22.7TL OPENZ	EUR	5,6800	5,6800	5,6800			5,6800					
Certificate	DE000VN6ZC13	SHELL 22.9TL OPENV	EUR	6,9900	6,9900	6,9900			6,9900					



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	DE000VL2FTH9	SHELL 22.9TL OPENV	EUR	6,4900	6,4900	6,4900			6,4900					
Certificate	DE000VL37F93	SHELL 22.9TL OPENV	EUR	7,5800	7,5800	7,5800			7,5800					
Certificate	DE000VL37GA7	SHELL 23.4TL OPENV	EUR	7,0900	7,0900	7,0900			7,0900					
Certificate	NL0012565501	SHELL 23.5TL OPENH	EUR	6,5300	6,5300	6,4500			6,4500					
Certificate	DE000CE6EW21	SHELL 23.7TL OPENZ	EUR	4,6800	4,6800	4,6800			4,6800					
Certificate	DE000VL37GB5	SHELL 23.9TL OPENV	EUR	6,6100	6,6100	6,6100			6,6100					
Certificate	DE000VL37GC3	SHELL 24.4TL OPENV	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	DE000CV8ABP9	SHELL 25.5TL 1218Z	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	NL0012494637	SHELL 25.8ROC1218B	EUR	25,7300	25,7300	25,7300			25,7300					
Certificate	NL0012236301	SHELL 26.5ROC1218Z	EUR	26,4400	26,4400	26,4400			26,4400					
Certificate	LU1817382606	SHELL 27.5TCIOPENS	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	DE000CJ3NUR5	SHELL 27.5TL 1218Z	EUR	0,9700	1,0400	0,7800	3094,0000	15	0,8400	3080				
Certificate	NL0013002447	SHELL 28.1TL OPENB	EUR											
Certificate	LU1840381294	SHELL 28.2TCIOPENS	EUR											
Certificate	NL0012904924	SHELL 28.5TL OPENH	EUR											
Certificate	NL0013082647	SHELL 29.5TS OPENH	EUR	3,5100	3,5800	3,5100			3,5800					
Certificate	NL0013010242	SHELL 29.9TS OPENB	EUR	4,0450	4,0950	3,8900	39050,0000	2	4,0950	10000				
Certificate	NL0011413992	SHELL 3.29TL OPENH	EUR	25,3500	25,3500	25,2700			25,2700					
Certificate	LU1840912676	SHELL 30.1TPIOPENS	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	DE000CV8AU60	SHELL 32.5TS 1218Z	EUR	4,6600	4,6600	4,6600			4,6600					
Certificate	NL0012790570	SHELL 32.9TS OPENB	EUR	7,2850	7,3350	7,2850			7,3350					
Certificate	DE000CV8ABR5	SHELL 37.5TS 1218Z	EUR	9,6700	9,6700	9,6700			9,6700					
Certificate	NL0011413984	SHELL 4.86TL OPENH	EUR	23,8800	23,8800	23,8100			23,8100					
Certificate	DE000CM3YYQ1	SHELL 5.58TL OPENZ	EUR	2,2950	2,2950	2,2950			2,2950					
Certificate	DE000CM3YLV8	SHELL 6.21TL OPENZ	EUR	22,3300	22,3300	22,3300			22,3300					
Certificate	NL0011413976	SHELL 6.44TL OPENH	EUR	22,4200	22,4200	22,3400			22,3400					
Certificate	NL0011413968	SHELL 8.01TL OPENH	EUR	20,9500	20,9500	20,8700			20,8700					
Certificate	NL0011413950	SHELL 9.58TL OPENH	EUR	19,4900	19,4900	19,4100			19,4100					
Certificate	NL0011536693	SHELL10.26BL OPENB	EUR	18,3750	18,3750	18,3250			18,3250					
Certificate	NL0011529086	SHELL11.33BL OPENB	EUR	17,2950	17,2950	17,2550			17,2550					
Certificate	NL0011039847	SHELL11.79TL OPENH	EUR	17,4400	17,4400	17,3600			17,3600					
Certificate	NL0011593405	SHELL12.18TL OPENH	EUR	17,0600	17,0600	16,9900			16,9900					
Certificate	NL0011434089	SHELL12.41BL OPENB	EUR	16,2150	16,2150	16,1750			16,1750					
Certificate	NL0011593397	SHELL12.71TL OPENH	EUR	16,5800	16,5800	16,5000			16,5000					
Certificate	DE000CNG65P9	SHELL13.49TL OPENZ	EUR	14,9000	14,9000	14,9000			14,9000					
Certificate	NL0011602545	SHELL13.75TL OPENH	EUR	15,6100	15,6100	15,5400			15,5400					
Certificate	DE000CR9S2Y1	SHELL14.56TL OPENZ	EUR	13,8200	13,8200	13,8200			13,8200					
Certificate	DE000CG2RMP2	SHELL15.29TL OPENC	EUR	18,4800	18,4800	18,4800			18,4800					
Certificate	NL0011719984	SHELL15.31TL OPENH	EUR	14,1500	14,1500	14,0800			14,0800					
Certificate	DE000CN6HXF3	SHELL15.57TL OPENZ	EUR	12,8100	12,8100	12,8100			12,8100					
Certificate	NL0011649090	SHELL15.63BL OPENB	EUR	13,0050	13,0050	12,9550			12,9550					
Certificate	NL0011719976	SHELL15.83TL OPENH	EUR	13,6700	13,6700	13,6000			13,6000					
Certificate	NL0011719968	SHELL16.35TL OPENH	EUR	13,1900	13,1900	13,1100			13,1100					
Certificate	DE000CNG6JRD6	SHELL16.59TL OPENZ	EUR	11,7900	11,7900	11,7900			11,7900					
Certificate	NL0011719950	SHELL16.87TL OPENH	EUR	12,7000	12,7000	12,6300			12,6300					
Certificate	DE000CN6K1A3	SHELL16.88TL OPENZ	EUR	11,9900	11,9900	11,9900			11,9900					
Certificate	NL0011721865	SHELL17.39TL OPENH	EUR	12,2200	12,2200	12,1500			12,1500					
Certificate	NL0011799093	SHELL17.77BL OPENB	EUR	10,8650	10,8650	10,8250			10,8250					
Certificate	NL0011729322	SHELL17.89TL OPENH	EUR	11,7500	11,7500	11,6800			11,6800					
Certificate	NL0011729314	SHELL18.41TL OPENH	EUR	11,2700	11,2700	11,1900			11,1900					
Certificate	DE000CN6K8Z5	SHELL18.59TL OPENZ	EUR	9,8000	9,8000	9,8000			9,8000					
Certificate	NL0012019632	SHELL18.82BL OPENB	EUR	9,8150	9,8150	9,7750			9,7750					
Certificate	NL0011978309	SHELL18.91TL OPENH	EUR	10,8100	10,8100	10,7300			10,7300					
Certificate	NL0011979018	SHELL19.42TL OPENH	EUR	10,3300	10,3300	10,2500			10,2500					
Certificate	DE000CN6L1V8	SHELL19.58TL OPENZ	EUR	8,8000	8,8000	8,8000			8,8000					
Certificate	NL0012021000	SHELL19.87BL OPENB	EUR	8,7950	8,7950	8,7450			8,7450					
Certificate	DE000CD63872	SHELL19.93TL OPENZ	EUR	9,0200	9,0200	9,0200			9,0200					
Certificate	NL0011980107	SHELL19.96TL OPENH	EUR	9,8200	9,8200	9,7500			9,7500					
Certificate	NL0011996350	SHELL20.47TL OPENH	EUR	9,3500	9,3500	9,2800			9,2800					
Certificate	DE000CD636V1	SHELL20.57TL OPENZ	EUR	7,8200	7,8200	7,8200			7,8200					
Certificate	NL0012034284	SHELL20.93BL OPENB	EUR	7,7450	7,7450	7,6950			7,6950					
Certificate	NL0011998158	SHELL20.97TL OPENH	EUR	8,8900	8,8900	8,8100			8,8100					
Certificate	DE000CD63WY7	SHELL21.45TL OPENZ	EUR	7,5400	7,5400	7,5400			7,5400					
Certificate	NL0011998232	SHELL21.48TL OPENH	EUR	8,4000	8,4000	8,3300			8,3300					
Certificate	DE000VN66VY1	SHELL21.67TL OPENV	EUR	8,0200	8,0200	8,0200			8,0200					
Certificate	DE000CD63SQ1	SHELL21.92TL OPENZ	EUR	6,6000	6,6000	6,4100	1320,0000	1	6,4100	200				
Certificate	NL0012492813	SHELL21.95BL OPENB	EUR	6,7150	6,7150	6,6650			6,6650					
Certificate	NL0012579379	SHELL21.99TL OPENH	EUR	7,9300	7,9300	7,8600			7,8600					
Certificate	DE000VL2FLH6	SHELL22.19TL OPENV	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	DE000VN6ZC05	SHELL22.87TL OPENV	EUR	8,0600	8,0600	8,0600			8,0600					
Certificate	NL0012495816	SHELL22.98BL OPENB	EUR	5,6850	5,6850	5,6350			5,6350					
Certificate	DE000CE6EX38	SHELL22.99TL OPENZ	EUR	6,0500	6,0500	6,0500			6,0500					



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	DE000VL2FUH7	SHELL23.42TL OPENV	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	LU1696513024	SHELL23.46TCIOPENS	EUR	6,0000	6,0000	5,7000	35286,2000	14	5,7400	6008				
Certificate	LU1784831023	SHELL23.92TL OPENS	EUR											
Certificate	DE000VL2FUJ3	SHELL23.92TL OPENV	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	NL0012565493	SHELL24.01TL OPENH	EUR	6,0500	6,0500	5,9800			5,9800					
Certificate	DE000VL76DE4	SHELL24.22TL OPENV	EUR	4,9640	4,9640	4,9640			4,9640					
Certificate	DE000VL76DC8	SHELL24.64TL OPENV	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	DE000CV501E1	SHELL24.69TL OPENZ	EUR	3,7200	3,7200	3,7200			3,7200					
Certificate	DE000VL76DF1	SHELL24.72TL OPENV	EUR	4,4590	4,4590	4,4590			4,4590					
Certificate	DE000VL8XKU1	SHELL24.95TL OPENV	EUR	4,1200	4,1200	3,9550	1508,7000	3	3,9550	375				
Certificate	NL0012779482	SHELL25.01BL OPENB	EUR	3,6550	3,6550	3,6050			3,6050					
Certificate	NL0012602809	SHELL25.02TL OPENH	EUR	5,1100	5,1100	5,0400			5,0400					
Certificate	DE000CV88970	SHELL25.05TL OPENZ	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	DE000VL76DD6	SHELL25.14TL OPENV	EUR	5,1700	5,1700	5,1700			5,1700					
Certificate	DE000VL9S488	SHELL25.33TL OPENV	EUR	4,7100	4,7100	4,7100			4,7100					
Certificate	DE000VL97Q06	SHELL25.46TL OPENV	EUR	3,4510	3,4510	3,4510			3,4510					
Certificate	DE000CV889F7	SHELL25.69TL OPENZ	EUR	2,9100	2,9100	2,6600	2910,0000	1	2,6600	1000				
Certificate	LU1719708817	SHELL25.74TCIOPENS	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	DE000VA183M7	SHELL25.84TL OPENV	EUR	4,2300	4,2300	4,2300			4,2300					
Certificate	DE000VA187A3	SHELL25.96TL OPENV	EUR	3,0450	3,0450	2,9130	59,7600	4	2,9500	20				
Certificate	NL0012781421	SHELL26.02BL OPENB	EUR	2,6450	2,8000	2,5950	3330,0000	2	2,5950	1200				
Certificate	NL0012604508	SHELL26.02TL OPENH	EUR	4,1800	4,1800	4,1100			4,1100					
Certificate	LU1719793744	SHELL26.19TCIOPENS	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	DE000VA18661	SHELL26.34TL OPENV	EUR	3,7530	3,7530	3,7530			3,7530					
Certificate	DE000VA187C9	SHELL26.46TL OPENV	EUR	2,4460	2,4460	2,4460			2,4460					
Certificate	DE000CV88C12	SHELL26.67TL OPENZ	EUR	1,9600	1,9600	1,7600	3936,3800	2	1,7600	2009				
Certificate	DE000VA16MM7	SHELL26.84TL OPENV	EUR	3,2760	3,2760	3,2760			3,2760					
Certificate	LU1784831296	SHELL26.91TL OPENS	EUR											
Certificate	DE000VA16MNS	SHELL26.96TL OPENV	EUR	1,9430	1,9430	1,9430			1,9430					
Certificate	NL0012608111	SHELL27.02TL OPENH	EUR	3,2500	3,2500	3,1800			3,1800					
Certificate	NL0012784904	SHELL27.03BL OPENB	EUR	1,6350	1,7200	1,5850	50100,0000	3	1,5850	30000				
Certificate	LU1756377617	SHELL27.08TCIOPENS	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	LU1817373449	SHELL27.11TCIOPENS	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000CJ3NM73	SHELL27.11TL OPENZ	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	DE000VA1GQ87	SHELL27.34TL OPENV	EUR	2,8040	2,8040	2,8040			2,8040					
Certificate	DE000VA15Q91	SHELL27.47TL OPENV	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	NL0012902415	SHELL27.51TL OPENH	EUR	2,8000	2,8000	2,7200			2,7200					
Certificate	NL0013001704	SHELL28.04BL OPENB	EUR	0,6350	0,7700	0,5850	7700,0000	1	0,5850	10000				
Certificate	DE000CJ3NS77	SHELL28.15TL OPENZ	EUR											
Certificate	LU1841029785	SHELL28.92TCIOPENS	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000VA3TFL2	SHELL29.03TL OPENV	EUR											
Certificate	DE000CJ3N3S9	SHELL29.11TL OPENZ	EUR											
Certificate	DE000VA3TK03	SHELL29.53TL OPENV	EUR											
Certificate	LU1841029868	SHELL29.53TCIOPENS	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000VA3THB9	SHELL29.58TS OPENV	EUR											
Certificate	NL0013009061	SHELL29.69BS OPENB	EUR	1,5850	1,6350	1,5850			1,6350					
Certificate	DE000VA2T7L9	SHELL30.08TS OPENV	EUR											
Certificate	DE000CE6FHC8	SHELL30.56TS OPENZ	EUR	2,3500	2,3500	2,3300	1645,0000	1	2,3300	700				
Certificate	NL0012864896	SHELL30.58TS OPENH	EUR	4,6500	4,7200	4,6500			4,7200					
Certificate	NL0012695597	SHELL30.69BS OPENB	EUR	2,5750	2,6300	2,4250	15180,0000	2	2,6250	6000				
Certificate	NL0012603708	SHELL30.93TS OPENH	EUR	5,0300	5,1000	5,0300			5,1000					
Certificate	DE000VA15R98	SHELL31.09TS OPENV	EUR	3,7810	3,7810	3,7810			3,7810					
Certificate	DE000VA15R80	SHELL31.23TS OPENV	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	NL0012615678	SHELL31.51TS OPENH	EUR	5,6500	5,7200	5,6500			5,7200					
Certificate	NL0012783617	SHELL31.67BS OPENB	EUR	3,5650	3,6150	3,5650			3,6150					
Certificate	NL0012608590	SHELL31.95TS OPENH	EUR	6,1300	6,2000	6,1300			6,2000					
Certificate	LU1756830383	SHELL32.18TCIOPENS	EUR	2,8300	2,8300	2,8300			2,8300					
Certificate	NL0012606743	SHELL32.43TS OPENH	EUR	6,6500	6,7200	6,6500			6,7200					
Certificate	LU1757001539	SHELL32.47TCIOPENS	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	DE000CV88C20	SHELL32.55TS OPENZ	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	DE000VLSR8S8	SHELL32.57TS OPENV	EUR	4,2760	4,2760	4,2760			4,2760					
Certificate	NL0012784961	SHELL32.66BS OPENB	EUR	4,5550	4,6050	4,5550			4,6050					
Certificate	DE000VLSR8Q2	SHELL32.77TS OPENV	EUR	2,8880	2,8880	2,6600	45,1600	9	2,8730	16				
Certificate	NL0012330898	SHELL32.88TS OPENH	EUR	7,1400	7,2100	7,1400			7,2100					
Certificate	LU1784831536	SHELL32.89TS OPENS	EUR											
Certificate	DE000VA1SRW0	SHELL33.03TS OPENV	EUR	5,3600	5,3600	5,3600			5,3600					
Certificate	DE000VLSR8T6	SHELL33.07TS OPENV	EUR	4,7930	4,7930	4,7930			4,7930					
Certificate	DE000CV88UP8	SHELL33.16TS OPENZ	EUR	5,9200	5,9200	5,9200			5,9200					
Certificate	DE000VA15R58	SHELL33.19TS OPENV	EUR	3,8790	3,8790	3,8790			3,8790					
Certificate	DE000VLSR8R0	SHELL33.27TS OPENV	EUR	3,3640	3,3640	3,3640			3,3640					
Certificate	NL0011039763	SHELL33.46TS OPENH	EUR	7,7600	7,8300	7,7600			7,8300					
Certificate	DE000VA15TR6	SHELL33.53TS OPENV	EUR	5,8800	5,8800	5,8800			5,8800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA2T4Z6	SHELL33.58TS OPENV	EUR	6,4000	6,4000	6,4000			6,4000					
Certificate	NL0013001761	SHELL33.66BS OPENB	EUR	5,5550	5,6050	5,5550			5,6050					
Certificate	DE000VA1ZCR7	SHELL33.66TS OPENV	EUR	4,3720	4,3720	4,3720			4,3720					
Certificate	DE000VA1ZFN9	SHELL34.16TS OPENV	EUR	4,8670	4,8670	4,8670			4,8670					
Certificate	NL0012852305	SHELL34.36TS OPENH	EUR	8,7400	8,8100	8,7400			8,8100					
Certificate	DE000VA1ZGP2	SHELL34.46TS OPENV	EUR	7,2600	7,2600	7,2600			7,2600					
Certificate	NL0012864888	SHELL34.54TS OPENH	EUR	8,9300	9,0200	8,9300			9,0200					
Certificate	DE000CV88NL2	SHELL34.55TS OPENZ	EUR	6,3000	6,3000	6,3000			6,3000					
Certificate	NL0013002660	SHELL34.67BS OPENB	EUR	6,5550	6,6050	6,5550			6,6050					
Certificate	DE000VA15NY2	SHELL34.74TS OPENV	EUR	5,8300	5,8300	5,8300			5,8300					
Certificate	NL0012849459	SHELL34.85TS OPENH	EUR	9,2700	9,3500	9,2700			9,3500					
Certificate	NL0012433452	SHELL35.02TS OPENH	EUR	9,4500	9,5200	9,4500			9,5200					
Certificate	NL0012432132	SHELL35.03TS OPENH	EUR	9,4600	9,5300	9,4600			9,5300					
Certificate	DE000VA15N50	SHELL35.07TS OPENV	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	DE000VA15N43	SHELL35.25TS OPENV	EUR	6,3400	6,3400	6,3400			6,3400					
Certificate	DE000VA15P41	SHELL35.57TS OPENV	EUR	8,4400	8,4400	8,4400			8,4400					
Certificate	DE000VA15RT3	SHELL35.73TS OPENV	EUR	6,8400	6,8400	6,8400			6,8400					
Certificate	NL0012330120	SHELL35.78TS OPENH	EUR	10,2700	10,3400	10,2700			10,3400					
Certificate	LU1784831452	SHELL35.88TS OPENS	EUR											
Certificate	NL0012051411	SHELL36.08TS OPENH	EUR	10,6000	10,6700	10,6000			10,6700					
Certificate	DE000CJ3NVQ5	SHELL36.65TS OPENZ	EUR	9,5300	9,5300	9,5300			9,5300					
Certificate	NL0012054183	SHELL37.61TS OPENH	EUR	12,2500	12,3200	12,2500			12,3200					
Certificate	NL0012579361	SHELL39.14TS OPENH	EUR	13,8900	13,9700	13,8900			13,9700					
Certificate	DE000CV89101	SHELL39.54TS OPENZ	EUR	11,2900	11,2900	11,2900			11,2900					
Certificate	NL0012531339	SHELL39.67TS OPENH	EUR	14,4700	14,5400	14,4700			14,5400					
Certificate	NL0012536783	SHELL39.72TS OPENH	EUR	14,5300	14,5900	14,5300			14,5900					
Certificate	NL0012548226	SHELL41.33TS OPENH	EUR	16,2600	16,3400	16,2600			16,3400					
Certificate	NL0012538474	SHELL42.67TS OPENH	EUR	17,7100	17,7800	17,7100			17,7800					
Certificate	NL0012609747	SHELL45.31TS OPENH	EUR	20,5600	20,6300	20,5600			20,6300					
Certificate	NL0012847198	SHELL45.38TS OPENH	EUR	20,6300	20,7000	20,6300			20,7000					
Certificate	DE000CV87KU1	SHOP110.1TL OPENZ	EUR	1,4050	1,4050	1,4050			1,4050					
Certificate	DE000CV88KA1	SHOP120.8TL OPENZ	EUR	0,9650	0,9650	0,9650			0,9650					
Certificate	DE000CJ3PDL9	SHOP135.8TL OPENZ	EUR											
Certificate	DE000CJ3N6T0	SHOP189.37TL OPENZ	EUR	2,2450	2,2450	2,2450			2,2450					
Certificate	DE000CV88M77	SHOP199.37TL OPENZ	EUR	1,8450	1,8450	1,8450			1,8450					
Certificate	DE000CV4ZJV6	SHP 24.46TL OPENZ	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	DE000CV4YZV5	SHP 27.26TL OPENZ	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	DE000CV4YVB0	SHP 29.97TL OPENZ	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	DE000CV885U4	SHP 34.27TL OPENZ	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	DE000CV88TE4	SHP 38.53TL OPENZ	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	DE000CX0KZA4	SIEME 80TL OPENC	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	DE000CX0KZB2	SIEME 90TL OPENC	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	NL0012175590	SIEME 152TS OPENH	EUR	6,0900	6,2100	6,0900			6,2100					
Certificate	NL0009867100	SIEME 37.3TL OPENB	EUR	6,6750	6,6750	6,6750			6,6750					
Certificate	NL0011051156	SIEME 50.5TL OPENH	EUR	5,5300	5,5300	5,4200			5,4200					
Certificate	NL0010444832	SIEME 70.8TL OPENB	EUR	3,5650	3,5650	3,5650			3,5650					
Certificate	DE000CR9Q0B5	SIEME 72.9TL OPENZ	EUR	5,6700	5,6700	5,6700			5,6700					
Certificate	NL0011654686	SIEME 78.7TL OPENB	EUR	2,9250	2,9250	2,8350			2,8350					
Certificate	NL0011715180	SIEME 81.7TL OPENH	EUR	2,6100	2,6100	2,5000			2,5000					
Certificate	NL0011927066	SIEME 85.1TL OPENH	EUR	2,2900	2,2900	2,1800			2,1800					
Certificate	NL0011911417	SIEME 87.3TL OPENB	EUR	2,1250	2,1250	2,0250			2,0250					
Certificate	NL0011929997	SIEME 89.2TL OPENH	EUR	1,9100	1,9100	1,8000			1,8000					
Certificate	NL0012998637	SIEME 94.2BL OPENB	EUR	0,9150	0,9150	0,8250			0,8250					
Certificate	NL0012030696	SIEME 96.8TL OPENB	EUR	1,2450	1,2450	1,1450			1,1450					
Certificate	NL0013083199	SIEME 97.1TL OPENH	EUR	1,1700	1,1700	1,0600			1,0600					
Certificate	NL0013009087	SIEME104.7BS OPENB	EUR	0,3250	0,4150	0,3250	106,6000	1	0,4150	260				
Certificate	NL0013083181	SIEME107.1TS OPENH	EUR	1,2800	1,4000	1,2800			1,4000					
Certificate	NL0013007388	SIEME108.9TS OPENB	EUR	1,5350	1,6350	1,5350			1,6350					
Certificate	NL0012998652	SIEME114.7BS OPENB	EUR	1,3250	1,4150	1,3250			1,4150					
Certificate	NL0012935803	SIEME114.9TS OPENH	EUR	2,1100	2,2300	2,1100			2,2300					
Certificate	NL0012986764	SIEME119.8TS OPENB	EUR	2,7050	2,8050	2,7050			2,8050					
Certificate	NL0012307441	SIEME122.6TS OPENH	EUR	2,9300	3,0600	2,9300			3,0600					
Certificate	NL0012998660	SIEME124.7BS OPENB	EUR	2,3150	2,4150	2,3150			2,4150					
Certificate	NL0012365472	SIEME129.9TS OPENH	EUR	3,7200	3,8400	3,7200			3,8400					
Certificate	NL0011084538	SIEME131.7TS OPENB	EUR	3,9950	4,0950	3,9950			4,0950					
Certificate	NL0012175608	SIEME132.7TS OPENH	EUR	4,0200	4,1500	4,0200			4,1500					
Certificate	NL0012201800	SIEME133.1TS OPENH	EUR	4,0600	4,1900	4,0600			4,1900					
Certificate	DE000CV8A534	SIEME25.29TL OPENZ	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	DE000CV8A542	SIEME30.29TL OPENZ	EUR	0,5150	0,5150	0,5150			0,5150					
Certificate	DE000CR9SNJ3	SIEME65.52TL OPENZ	EUR	7,1500	7,1500	7,1500			7,1500					
Certificate	DE000CF3AFL0	SIEME71.26TL OPENC	EUR	1,5600	1,5600	1,5600			1,5600					
Certificate	NL0013007628	SIEME74.17BL OPENB	EUR	2,9250	2,9250	2,8250			2,8250					



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	DE000CF3AFK2	SIEME76.54TL OPENC	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	DE000CN6IU60	SIEME79.79TL OPENZ	EUR	4,3050	4,3050	4,3050			4,3050					
Certificate	NL0012998629	SIEME84.18BL OPENB	EUR	1,9150	1,9150	1,8250			1,8250					
Certificate	DE000CN6KKU3	SIEME87.72TL OPENZ	EUR	2,7350	2,7350	2,7350			2,7350					
Certificate	DE000CD62JG3	SIEME96.66TL OPENZ	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	DE000VN610G2	SILVE LEVOPENV	EUR	0,4620	0,4700	0,4620			0,4700					
Certificate	DE000VN610H0	SILVE LEVOPENV	EUR	0,0420	0,0440	0,0400	200,0000	1	0,0440	5000				
Certificate	DE000VN610F4	SILVE LEVOPENV	EUR	3,9900	4,0300	3,9900			4,0300					
Certificate	DE000CF6C1F1	SILVE LEVOPENZ	EUR	7,1150	7,1350	7,1150			7,1350					
Certificate	DE000CF6C1G9	SILVE LEVOPENZ	EUR	1,6930	1,7160	1,6930			1,7160					
Certificate	NL0000293116	SILVE PI OPENN	EUR	13,1100	13,8300	13,1100			13,8300					
Certificate	DE000VN610K4	SILVE SHROPENV	EUR	3,8800	3,8800	3,8000			3,8000					
Certificate	DE000VN610L2	SILVE SHROPENV	EUR	1,6000	1,6000	1,5550			1,5550					
Certificate	DE000VN610J6	SILVE SHROPENV	EUR	14,1500	14,1500	14,0200			14,0200					
Certificate	DE000CF6C1H7	SILVE SHROPENZ	EUR	12,3050	12,3050	12,1700			12,1700					
Certificate	DE000CP063U6	SILVE 10TL OPENC	EUR	4,4700	4,4700	4,4700			4,4700					
Certificate	DE000CV8A3Z9	SILVE 12TL 1218Z	EUR	0,4750	0,4850	0,4750			0,4850					
Certificate	NL0006521304	SILVE 12TL OPENB	EUR	2,7500	2,7900	2,7500	2334,7500	1	2,7900	849				
Certificate	DE000CY50941	SILVE 12TL OPENC	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	DE000CP06PX6	SILVE 12TL OPENC	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	DE000CV88RF5	SILVE 13TL 1218Z	EUR	0,2950	0,3050	0,2950			0,3050					
Certificate	NL0012691901	SILVE 13TL OPENB	EUR	1,9400	2,0200	1,9400	9845,5400	2	2,0100	4977				
Certificate	DE000CY50M28	SILVE 13TL OPENC	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000CP063V4	SILVE 13TL OPENC	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	DE000CJ3NR77	SILVE 14TL 1218Z	EUR	0,1250	0,1350	0,1250			0,1350					
Certificate	NL0013003700	SILVE 14TL OPENB	EUR	1,2000	1,2100	1,1600	13165,0000	5	1,2000	11000				
Certificate	DE000VAGECT7	SILVE 14TL OPENV	EUR	1,1165	1,1495	1,1165			1,1495					
Certificate	DE000CJ3NZM5	SILVE 15TS 1218Z	EUR	0,0840	0,0840	0,0770			0,0770					
Certificate	DE000CP063W2	SILVE 15TS OPENC	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	DE000CQ5AAH1	SILVE 16TL OPENC	EUR											
Certificate	LU1790505793	SILVE 16TPIOPENS	EUR	1,3000	1,3000	1,2000			1,2000					
Certificate	DE000CV8A9M4	SILVE 16TS 1218Z	EUR	0,2550	0,2550	0,2450			0,2450					
Certificate	DE000CP07CJ1	SILVE 16TS OPENC	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	DE000CY16QC9	SILVE 17TL OPENC	EUR											
Certificate	DE000CV8A401	SILVE 17TS 1218Z	EUR	0,4250	0,4250	0,4150			0,4150					
Certificate	DE000CQ5BPE4	SILVE 17TS OPENC	EUR	2,8300	2,8300	2,8300			2,8300					
Certificate	LU1651901578	SILVE 18TPIOPENS	EUR	2,9300	2,9300	2,8300			2,8300					
Certificate	DE000CV88RH1	SILVE 18TS 1218Z	EUR	0,5950	0,5950	0,5950			0,5950					
Certificate	DE000CY523C6	SILVE 18TS OPENC	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	DE000CV88RG3	SILVE 19TS 1218Z	EUR	0,7750	0,7750	0,7650			0,7650					
Certificate	DE000CY0AVW7	SILVE 19TS OPENC	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	DE000CX01EB1	SILVE 19TS OPENC	EUR											
Certificate	DE000CV88RJ7	SILVE 20TS 1218Z	EUR	0,9450	0,9450	0,9350			0,9350					
Certificate	DE000CY0AVX5	SILVE 20TS OPENC	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	DE000CY16QD7	SILVE 21TS OPENC	EUR	6,3500	6,3500	6,3500			6,3500					
Certificate	DE000CX0KV55	SILVE 22TS OPENC	EUR	7,1900	7,1900	7,1900			7,1900					
Certificate	NL0011050158	SILVE 23TS OPENH	EUR	8,4400	8,4400	8,4400			8,4400					
Certificate	DE000CX0KVR7	SILVE 24TS OPENC	EUR	8,9900	8,9900	8,9900			8,9900					
Certificate	NL0011730700	SILVE 25TS OPENH	EUR	10,2200	10,2200	10,2200			10,2200					
Certificate	DE000CX0KVQ9	SILVE 26TS OPENC	EUR	10,8000	10,8000	10,8000			10,8000					
Certificate	DE000CX0KVP1	SILVE 28TS OPENC	EUR	12,6000	12,6000	12,6000			12,6000					
Certificate	DE000CX0KVN6	SILVE 30TS OPENC	EUR	14,4100	14,4100	14,4100			14,4100					
Certificate	DE000CX0KVM8	SILVE 32TS OPENC	EUR	16,2100	16,2100	16,2100			16,2100					
Certificate	NL0011929658	SILVE 29.TRSOPENH	EUR	12,6000	12,6000	12,6000			12,6000					
Certificate	NL0011417639	SILVE 6.5TL OPENH	EUR	7,3700	7,3700	7,3700			7,3700					
Certificate	NL0000450229	SILVE 7.9TL OPENB	EUR	6,2100	6,2100	6,2100			6,2100					
Certificate	NL0000450245	SILVE 10.2TL OPENB	EUR	4,2700	4,2700	4,2700			4,2700					
Certificate	NL0011050315	SILVE 10.3TL OPENH	EUR	4,2500	4,2500	4,2500			4,2500					
Certificate	LU1790506171	SILVE 10.5TPIOPENS	EUR	3,3900	3,4900	3,3900			3,4900					
Certificate	NL0000431641	SILVE 10.8TL OPENB	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	NL0012990535	SILVE 11.4TL OPENB	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	NL0011050307	SILVE 11.4TL OPENH	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	DE000VA77F22	SILVE 12.3TL OPENV	EUR	2,5525	2,5865	2,5525			2,5865					
Certificate	LU1790506338	SILVE 12.4TPIOPENS	EUR	1,7200	1,8100	1,7200			1,8100					
Certificate	NL0012990543	SILVE 12.5TL OPENB	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0011050299	SILVE 12.5TL OPENH	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	DE000VAD4H8	SILVE 12.5TL OPENV	EUR	2,3615	2,3945	2,3615			2,3945					
Certificate	DE000VAGT1C7	SILVE 12.7TL OPENV	EUR	1,7225	1,7555	1,7225			1,7555					
Certificate	DE000VA5REE9	SILVE 12.9TL OPENV	EUR	2,0135	2,0455	1,9480	3968,0000	2	2,0455	2000				
Certificate	NL0012894257	SILVE 13.1TL OPENH	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	DE000CN6GW12	SILVE 13.1TL OPENZ	EUR	1,3550	1,3900	1,3550			1,3900					
Certificate	DE000VAGT1D5	SILVE 13.2TL OPENV	EUR	1,2785	1,3115	1,2785			1,3115					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA4YV33	SILVE 13.4TL OPENV	EUR	1,5865	1,6195	1,5865			1,6195					
Certificate	NL0009062306	SILVE 13.5TL OPENB	EUR	1,5100	1,6000	1,5100	606,0000	2	1,6000	400				
Certificate	NL0011050281	SILVE 13.6TL OPENH	EUR	1,4300	1,5100	1,4000	10120,0000	10	1,5100	7000				
Certificate	DE000VAGT1E3	SILVE 13.7TL OPENV	EUR	0,8435	0,8755	0,8435			0,8755					
Certificate	DE000VA7PUX5	SILVE 13.8TL OPENV	EUR	1,2995	1,3325	1,2995			1,3325					
Certificate	NL0012903033	SILVE 14.1TL OPENH	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000C3NQ87	SILVE 14.1TL OPENZ	EUR	0,4750	0,5200	0,3700	40234,5000	11	0,5100	99550				
Certificate	DE000VA7TAN0	SILVE 14.8TS OPENV	EUR											
Certificate	DE000VA7TDD5	SILVE 14.8TS OPENV	EUR											
Certificate	NL0012989834	SILVE 15.1TS OPENB	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	DE000VASRJP4	SILVE 15.2TS OPENV	EUR	1,2485	1,2485	1,2195			1,2195					
Certificate	LU1816982414	SILVE 15.5TPIOPENS	EUR	0,8700	0,8700	0,7800			0,7800					
Certificate	NL0012989289	SILVE 15.6TS OPENB	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	DE000VA4Y1X8	SILVE 15.7TS OPENV	EUR	1,6915	1,6915	1,6645			1,6645					
Certificate	DE000VA2T9J9	SILVE 15.9TL OPENV	EUR											
Certificate	NL0012981575	SILVE 16.1TS OPENB	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000VA4YV25	SILVE 16.2TS OPENV	EUR	2,1445	2,1445	2,1175			2,1175					
Certificate	DE000VAGT1B9	SILVE 16.4TS OPENV	EUR	2,3705	2,3705	2,3435			2,3435					
Certificate	LU1790505959	SILVE 16.5TPIOPENS	EUR	1,7300	1,7300	1,6400			1,6400					
Certificate	NL0012975957	SILVE 16.6TS OPENB	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	DE000VA3KSG4	SILVE 16.8TS OPENV	EUR	2,6495	2,6495	2,6225			2,6225					
Certificate	NL0012203004	SILVE 16.9TL OPENH	EUR											
Certificate	NL0012889968	SILVE 16.9TS OPENH	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	DE000VA3KSF6	SILVE 16.9TS OPENV	EUR	2,0195	2,0195	1,9915			1,9915					
Certificate	DE000VA3KSH2	SILVE 17.3TS OPENV	EUR	3,1105	3,1105	3,0835			3,0835					
Certificate	DE000CV8BFV7	SILVE 17.4TS OPENZ	EUR	2,5200	2,5200	2,4900			2,4900					
Certificate	NL0012551428	SILVE 17.9TS OPENH	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	DE000CE6EU31	SILVE 17.9TS OPENZ	EUR	2,9550	2,9550	2,9200			2,9200					
Certificate	NL0012494819	SILVE 18.2TS OPENB	EUR	4,0200	4,0200	4,0200			4,0200					
Certificate	DE000CE6CMQ5	SILVE 18.4TS OPENZ	EUR	3,3900	3,3900	3,3600			3,3600					
Certificate	LU1695121241	SILVE 18.5TPIOPENS	EUR	3,3800	3,3800	3,2800			3,2800					
Certificate	NL0011979588	SILVE 18.5TROSOPENH	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	NL0012053326	SILVE 18.6TROSOPENH	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	NL0012032544	SILVE 18.7TS OPENB	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	NL0012242218	SILVE 18.7TS OPENH	EUR	4,4700	4,4700	4,4700			4,4700					
Certificate	DE000VL2FN04	SILVE 18.7TS OPENV	EUR	3,2985	3,2985	3,2725			3,2725					
Certificate	DE000VL2FN12	SILVE 19.2TS OPENV	EUR	3,7165	3,7165	3,6905			3,6905					
Certificate	NL0011974183	SILVE 19.7TS OPENH	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	NL0011979802	SILVE 20.4TS OPENH	EUR	6,0500	6,0500	6,0500			6,0500					
Certificate	DE000CD62K30	SILVE 20.5TS OPENZ	EUR	5,9900	5,9900	5,9500			5,9500					
Certificate	NL0011050166	SILVE 21.1TS OPENH	EUR	6,6800	6,6800	6,6800			6,6800					
Certificate	NL0011894241	SILVE 22.7TS OPENH	EUR	8,1300	8,1300	8,1300			8,1300					
Certificate	NL0011050141	SILVE 26.8TS OPENH	EUR	11,9500	11,9500	11,9500			11,9500					
Certificate	NL0011971338	SILVE 29.1TROSOPENH	EUR	12,6900	12,6900	12,6900			12,6900					
Certificate	NL0011894233	SILVE 29.5TS OPENH	EUR	14,4200	14,4200	14,4200			14,4200					
Certificate	DE000CG33W21	SILVE 34.5TS OPENC	EUR	17,9200	17,9200	17,9200			17,9200					
Certificate	NL0009938992	SILVE 36.6TS OPENB	EUR	20,8900	20,8900	20,8900			20,8900					
Certificate	DE000CV8AVZ6	SILVE10.07TL OPENZ	EUR	3,9900	4,0300	3,9900			4,0300					
Certificate	NL0012990311	SILVE10.09BL OPENB	EUR	3,9700	4,0500	3,9600	397,0000	1	4,0500	100				
Certificate	DE000CV8B318	SILVE11.07TL OPENZ	EUR	3,1150	3,1550	3,1150			3,1550					
Certificate	DE000CV8B714	SILVE11.08TL OPENZ	EUR	3,5800	3,6200	3,5800			3,6200					
Certificate	NL0012989446	SILVE11.14BL OPENB	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	NL0011408059	SILVE11.63TRLOPENH	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	NL0010897179	SILVE11.64BL OPENB	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	DE000CN6HP10	SILVE12.09TL OPENZ	EUR	2,2350	2,2700	2,2350			2,2700					
Certificate	NL0011408042	SILVE12.19TRLOPENH	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	NL0012989164	SILVE12.33BL OPENB	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000VAGD4J4	SILVE12.44TL OPENV	EUR	1,9315	1,9645	1,9315			1,9645					
Certificate	DE000CN6HP02	SILVE12.59TL OPENZ	EUR	1,7950	1,8300	1,7950			1,8300					
Certificate	NL0011408034	SILVE12.76TRLOPENH	EUR	1,5300	1,6600	1,5300	5565,0000	3	1,6600	3500				
Certificate	NL0011521265	SILVE12.82BL OPENB	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	DE000VASRJRO	SILVE12.93TL OPENV	EUR	1,4965	1,5285	1,4965			1,5285					
Certificate	NL0012895775	SILVE12.96TRLOPENH	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	NL0012893077	SILVE13.08TRLOPENH	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	DE000CV4ZOD7	SILVE13.12TL OPENZ	EUR	1,5400	1,5800	1,5400			1,5800					
Certificate	NL0011408026	SILVE13.32TRLOPENH	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	NL0010897187	SILVE13.39BL OPENB	EUR	1,0700	1,1700	1,0600	2768,0500	4	1,1700	2515				
Certificate	DE000VA4YV41	SILVE13.41TL OPENV	EUR	1,0035	1,0600	0,8915	3686,2700	5	1,0355	3741				
Certificate	LU1790506684	SILVE13.45TCIOPENS	EUR	0,7900	0,8900	0,7900			0,8900					
Certificate	NL0012893630	SILVE13.48TRLOPENH	EUR	0,9900	1,0300	0,9900	495,0000	1	1,0300	500				
Certificate	DE000CN6G9Y2	SILVE13.61TL OPENZ	EUR	0,9050	0,9400	0,9050			0,9400					
Certificate	NL0012893622	SILVE13.68TRLOPENH	EUR	0,8600	0,8600	0,8600			0,8600					



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	NL0012905517	SILVE13.72TRLOPENH	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	NL0013083991	SILVE13.78TRLOPENH	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	DE000CV8B8C6	SILVE13.86TL OPENZ	EUR	0,6950	0,7300	0,6950			0,7300					
Certificate	NL0013083983	SILVE13.88TRLOPENH	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	NL0011408018	SILVE13.88TRLOPENH	EUR	0,6100	0,6700	0,6100	10,3700	1	0,6700	17				
Certificate	DE000VAGECS9	SILVE13.94TL OPENV	EUR	0,6255	0,6575	0,6255			0,6575					
Certificate	NL0010897195	SILVE13.97BL OPENB	EUR	0,5500	0,6800	0,5400	2908,2500	9	0,6500	4800				
Certificate	NL0013083975	SILVE13.98TRLOPENH	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	NL0012890966	SILVE13.99TRLOPENH	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	NL0012906838	SILVE14.01TRLOPENH	EUR	0,4900	0,5800	0,4800	13990,0000	5	0,5700	28000				
Certificate	DE000CJ3N2N2	SILVE14.11TL OPENZ	EUR	0,5400	0,5800	0,5400			0,5800					
Certificate	NL0013084742	SILVE14.18TRLOPENH	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	DE000VA7PU20	SILVE14.21TL OPENV	EUR	0,4085	0,4405	0,4085			0,4405					
Certificate	NL0013084734	SILVE14.28TRLOPENH	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	DE000CJ3N8A6	SILVE14.34TL OPENZ	EUR	0,2750	0,3200	0,2200	10274,5000	7	0,3050	41900				
Certificate	DE000CJ3N3Y7	SILVE14.67TS OPENZ	EUR											
Certificate	NL0012893069	SILVE14.99TRSOPEH	EUR	0,4900	0,4900	0,3900	768,0000	2	0,3900	1600				
Certificate	DE000VAGEHN9	SILVE15.07TS OPENV	EUR	0,5045	0,5045	0,4755			0,4755					
Certificate	NL0013083967	SILVE15.08TRSOPEH	EUR	0,4900	0,4900	0,4700	490,0000	1	0,4700	1000				
Certificate	NL0012890446	SILVE15.09TRSOPEH	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	NL0012888333	SILVE15.09TRSOPEH	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	NL0012938518	SILVE15.09TRSOPEH	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	NL0012989461	SILVE15.16BS OPENB	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	DE000CV8AXT5	SILVE15.16TS OPENZ	EUR	0,5700	0,5700	0,5350			0,5350					
Certificate	NL0012937718	SILVE15.19TRSOPEH	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	NL0012938500	SILVE15.19TRSOPEH	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	NL0012890941	SILVE15.29TRSOPEH	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	DE000VASRED1	SILVE15.35TS OPENV	EUR	0,7135	0,7135	0,6845			0,6845					
Certificate	NL0012893051	SILVE15.39TRSOPEH	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000CV8AWL4	SILVE15.41TS OPENZ	EUR	0,7850	0,7850	0,7500			0,7500					
Certificate	NL0013084726	SILVE15.48TRSOPEH	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000CV8AVQ5	SILVE15.48TS OPENZ	EUR	0,9800	0,9800	0,9300			0,9300					
Certificate	DE000VAGEHQ2	SILVE15.57TS OPENV	EUR	0,9315	0,9315	0,9025			0,9025					
Certificate	DE000CV8ATT3	SILVE15.66TS OPENZ	EUR	1,0050	1,0050	0,9700			0,9700					
Certificate	NL0012989180	SILVE15.67BS OPENB	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	NL0012929962	SILVE15.69TRSOPEH	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	DE000VA4Y09	SILVE15.86TS OPENV	EUR	1,1485	1,1485	1,1205			1,1205					
Certificate	NL0012930556	SILVE15.89TRSOPEH	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CV8A3J3	SILVE15.91TS OPENZ	EUR	1,2200	1,2200	1,1850			1,1850					
Certificate	NL0012930549	SILVE15.99TRSOPEH	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000VAGEHR0	SILVE16.07TS OPENV	EUR	1,3665	1,3665	1,3385			1,3385					
Certificate	NL0012930531	SILVE16.09TRSOPEH	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000CV8A8F0	SILVE16.16TS OPENZ	EUR	1,4350	1,4350	1,4050			1,4050					
Certificate	NL0012979629	SILVE16.18BS OPENB	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	NL0012928816	SILVE16.19TRSOPEH	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	NL0012925523	SILVE16.29TRSOPEH	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	DE000VA4Y17	SILVE16.36TS OPENV	EUR	1,5835	1,5835	1,5555			1,5555					
Certificate	NL0012925515	SILVE16.39TRSOPEH	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	DE000CV89PS0	SILVE16.41TS OPENZ	EUR	1,6550	1,6550	1,6200			1,6200					
Certificate	NL0012925507	SILVE16.49TRSOPEH	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	DE000CV89PZ5	SILVE16.49TS OPENZ	EUR	1,9800	1,9800	1,9400			1,9400					
Certificate	DE000VA7TDE3	SILVE16.55TS OPENV	EUR	1,8015	1,8015	1,7735			1,7735					
Certificate	NL0012924096	SILVE16.59TRSOPEH	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	NL0012919302	SILVE16.59TRSOPEH	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	NL0013003536	SILVE16.67BS OPENB	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	NL0012919088	SILVE16.69TRSOPEH	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	NL0012919070	SILVE16.79TRSOPEH	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	NL0012917942	SILVE16.89TRSOPEH	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	DE000CV89HY5	SILVE16.91TS OPENZ	EUR	2,0850	2,0850	2,0500			2,0500					
Certificate	NL0012917934	SILVE16.99TRSOPEH	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	LU1790425505	SILVE17.05TPIOPENS	EUR	2,2000	2,2000	2,1000			2,1000					
Certificate	NL0012916449	SILVE17.09TRSOPEH	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	NL0012917926	SILVE17.09TRSOPEH	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	NL0012916431	SILVE17.29TRSOPEH	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	NL0012863401	SILVE17.29TRSOPEH	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0012863393	SILVE17.39TRSOPEH	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	NL0012613004	SILVE17.45TRSOPEH	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	DE000CV89HV1	SILVE17.48TS OPENZ	EUR	2,9800	2,9800	2,9300			2,9300					
Certificate	DE000VL76840	SILVE17.53TS OPENV	EUR	2,4455	2,4455	2,4185			2,4185					
Certificate	NL0012864201	SILVE17.59TRSOPEH	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	NL0012495329	SILVE17.69BS OPENB	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	NL0012863385	SILVE17.69TRSOPEH	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	NL0012863377	SILVE17.79TRSOPENH	EUR	2,8300	2,8300	2,8300			2,8300					
Certificate	NL0012863369	SILVE17.89TRSOPENH	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	NL0012612998	SILVE17.95TRSOPENH	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	LU1651918549	SILVE18.05TPIOPENS	EUR	2,9900	2,9900	2,8900			2,8900					
Certificate	NL0012864193	SILVE18.09TRSOPENH	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	DE000VL2FT16	SILVE18.16TS OPENV	EUR	2,8805	2,8805	2,8535			2,8535					
Certificate	NL0012863351	SILVE18.19TRSOPENH	EUR	3,1800	3,1800	3,1800			3,1800					
Certificate	NL0012863344	SILVE18.29TRSOPENH	EUR	3,2700	3,2700	3,2700			3,2700					
Certificate	DE000CE6CFF2	SILVE18.49TS OPENZ	EUR	0,3950	0,3950	0,3950			0,3950					
Certificate	NL0012052906	SILVE18.59TRSOPENH	EUR	3,5300	3,5300	3,5300			3,5300					
Certificate	NL0012052617	SILVE18.59TRSOPENH	EUR	3,5300	3,5300	3,5300			3,5300					
Certificate	NL0012053722	SILVE18.63TRSOPENH	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	NL0012054407	SILVE18.63TRSOPENH	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	NL0011997713	SILVE18.67TRSOPENH	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	NL0011997663	SILVE18.67TRSOPENH	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	NL0011997952	SILVE18.68TRSOPENH	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	NL0012049274	SILVE18.69TRSOPENH	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	NL0012048755	SILVE18.69TRSOPENH	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	NL0012052369	SILVE18.72TRSOPENH	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	NL0012054969	SILVE18.77TRSOPENH	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	NL0012055248	SILVE18.78TRSOPENH	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	DE000CD63755	SILVE18.92TS OPENZ	EUR	3,8400	3,8400	3,8100			3,8100					
Certificate	LU1651918978	SILVE19.05TPIOPENS	EUR	3,8500	3,8500	3,7500			3,7500					
Certificate	DE000CD637R7	SILVE19.42TS OPENZ	EUR	4,2750	4,2750	4,2400			4,2400					
Certificate	NL0011971346	SILVE19.46TRSOPENH	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	DE000CD63815	SILVE19.49TS OPENZ	EUR	4,9800	4,9800	4,9400			4,9400					
Certificate	DE000CD625N0	SILVE19.94TS OPENZ	EUR	4,7250	4,7250	4,6900			4,6900					
Certificate	DE000CD61X44	SILVE20.44TS OPENZ	EUR	5,1600	5,1600	5,1300			5,1300					
Certificate	NL0012864185	SILVE20.48TRSOPENH	EUR	5,1800	5,1800	5,1800			5,1800					
Certificate	NL0012095418	SILVE20.54TRSOPENH	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	NL0012095038	SILVE20.54TRSOPENH	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	NL0012090559	SILVE20.54TRSOPENH	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	NL0012092126	SILVE20.54TRSOPENH	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	NL0012095822	SILVE20.55TRSOPENH	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	NL0012096200	SILVE20.56TRSOPENH	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	NL0012096416	SILVE20.56TRSOPENH	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	NL0012172712	SILVE20.56TRSOPENH	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	NL0012097372	SILVE20.56TRSOPENH	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	NL0012181077	SILVE20.58TRSOPENH	EUR	5,2600	5,2600	5,2600			5,2600					
Certificate	NL0012176788	SILVE20.58TRSOPENH	EUR	5,2600	5,2600	5,2600			5,2600					
Certificate	NL0012916423	SILVE20.58TRSOPENH	EUR	5,2600	5,2600	5,2600			5,2600					
Certificate	NL0012173454	SILVE20.58TRSOPENH	EUR	5,2600	5,2600	5,2600			5,2600					
Certificate	NL0012195754	SILVE20.58TRSOPENH	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	NL0012196638	SILVE20.58TRSOPENH	EUR	5,2600	5,2600	5,2600			5,2600					
Certificate	NL0012195390	SILVE20.58TRSOPENH	EUR	5,2600	5,2600	5,2600			5,2600					
Certificate	NL0012200026	SILVE20.58TRSOPENH	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	NL0012199541	SILVE20.58TRSOPENH	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	NL0012200331	SILVE20.58TRSOPENH	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	NL0012198469	SILVE20.58TRSOPENH	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	NL0011421060	SILVE20.85TRSOPENH	EUR	5,5000	5,5000	5,5000			5,5000					
Certificate	DE000CD61X51	SILVE20.94TS OPENZ	EUR	5,5900	5,5900	5,5700			5,5700					
Certificate	NL0011417381	SILVE21.07TRSOPENH	EUR	5,6900	5,6900	5,6900			5,6900					
Certificate	DE000CD61X69	SILVE21.44TS OPENZ	EUR	6,0300	6,0300	6,0000			6,0000					
Certificate	DE000CE6BTC2	SILVE21.48TS OPENZ	EUR	6,9700	6,9700	6,9300			6,9300					
Certificate	DE000CD62171	SILVE21.94TS OPENZ	EUR	6,4700	6,4700	6,4400			6,4400					
Certificate	NL0011734363	SILVE22.01TRSOPENH	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	DE000CD61X77	SILVE22.44TS OPENZ	EUR	6,9000	6,9000	6,8700			6,8700					
Certificate	NL0011417373	SILVE22.95TRSOPENH	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	DE000CD61X85	SILVE23.44TS OPENZ	EUR											
Certificate	NL0012916415	SILVE24.07TRSOPENH	EUR	8,3100	8,3100	8,3100			8,3100					
Certificate	NL0011735816	SILVE24.89TRSOPENH	EUR	9,0200	9,0200	9,0200			9,0200					
Certificate	NL0011888912	SILVE26.82TRSOPENH	EUR	10,7000	10,7000	10,7000			10,7000					
Certificate	NL0011894472	SILVE28.94TRSOPENH	EUR	12,5500	12,5500	12,5500			12,5500					
Certificate	NL0011894993	SILVE28.95TRSOPENH	EUR	12,5500	12,5500	12,5500			12,5500					
Certificate	NL0011896741	SILVE28.96TRSOPENH	EUR	12,5700	12,5700	12,5700			12,5700					
Certificate	NL0011929443	SILVE28.99TRSOPENH	EUR	12,5900	12,5900	12,5900			12,5900					
Certificate	NL0011931878	SILVE29.02TRSOPENH	EUR	12,6200	12,6200	12,6200			12,6200					
Certificate	NL0011931084	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	SILVE29.08TRSOPENH	EUR	12,6700	12,6700	12,6700			12,6700					
Certificate	NL0011971155	SILVE29.09TRSOPENH	EUR	12,6800	12,6800	12,6800			12,6800					
Certificate	NL0011971676	SILVE29.11TRSOPENH	EUR	12,7000	12,7000	12,7000			12,7000					



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	NL0011972922	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	NL0011973946	SILVE29.16TRSOPENH	EUR	12,7400	12,7400	12,7400			12,7400					
Certificate	NL0011417415	SILVE7.135TRLOPENH	EUR	6,5600	6,5600	6,5600			6,5600					
Certificate	NL0011417407	SILVE9.383TRLOPENH	EUR	4,6000	4,6000	4,6000			4,6000					
Certificate	DE000CJ3N1S3	SINA 45.17TL OPENZ	EUR	1,6250	1,6250	1,6250			1,6250					
Certificate	DE000CV8ATB1	SINA 53.17TL OPENZ	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	DE000CD62ZS4	SIPF 25.6TL OPENZ	EUR	0,7350	0,7350	0,7350			0,7350					
Certificate	DE000CV8B9F7	SIPF 19.17TL OPENZ	EUR	1,3450	1,3450	1,3450			1,3450					
Certificate	DE000CD62ZT2	SIPF 21.34TL OPENZ	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	DE000CV87LM6	SIPF 23.48TL OPENZ	EUR	0,9350	0,9350	0,9350			0,9350					
Certificate	NL0013012008	SIPF 24.088L OPENB	EUR	0,7550	0,7950	0,7550			0,7950					
Certificate	NL0012995369	SIPF 26.078L OPENB	EUR	0,5550	0,5950	0,5550			0,5950					
Certificate	DE000CV87LN4	SIPF 27.69TL OPENZ	EUR	0,5350	0,5350	0,5350			0,5350					
Certificate	NL0012994065	SIPF 28.078L OPENB	EUR	0,3550	0,3950	0,3550	1540,0000	3	0,3950	4000				
Certificate	DE000CD62ZS8	SIPF 29.82TL OPENZ	EUR											
Certificate	NL0013013303	SIPF 30.078L OPENB	EUR	0,1550	0,1950	0,1550			0,1950					
Certificate	NL0012985774	SIPF 30.078L OPENB	EUR											
Certificate	NL0012996151	SIPF 31.748S OPENB	EUR	0,1400	0,1400	0,0750	186,0000	3	0,0850	2100				
Certificate	NL0012994123	SIPF 34.728S OPENB	EUR	0,4350	0,4350	0,3850			0,3850					
Certificate	NL0012978993	SIPF 37.718S OPENB	EUR	0,7350	0,7350	0,6850			0,6850					
Certificate	NL0012979009	SIPF 40.688S OPENB	EUR	1,0250	1,0250	0,9850			0,9850					
Certificate	NL0012979231	SKYBL 1359TL OPENB	EUR	5,2600	5,2600	5,2500			5,2500					
Certificate	DE000CE6CNS9	SLIGR 24.5TL OPENZ	EUR	2,7950	2,7950	2,7950			2,7950					
Certificate	DE000CE6CNR1	SLIGR 27.5TL OPENZ	EUR	2,2350	2,2350	2,2350			2,2350					
Certificate	DE000CE6CQU8	SLIGR18.12TL OPENZ	EUR											
Certificate	DE000CE6CQT0	SLIGR21.35TL OPENZ	EUR	3,3950	3,3950	3,3950			3,3950					
Certificate	NL0012982177	SLIGR30.548L OPENB	EUR	0,7850	0,7850	0,7200	1682,0000	3	0,7250	2300				
Certificate	DE000CV4ZBG4	SLIGR30.65TL OPENZ	EUR	1,7000	1,7000	1,6350	1700,0000	2	1,6350	1000				
Certificate	NL0012983613	SLIGR31.528L OPENB	EUR	0,6850	0,6850	0,6250	126,7200	1	0,6250	192				
Certificate	NL0012977664	SLIGR32.568L OPENB	EUR	0,5750	0,5750	0,5150	820,0000	2	0,5150	1500				
Certificate	DE000CV8AZH5	SLIGR32.77TL OPENZ	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	NL0012983621	SLIGR33.538L OPENB	EUR	0,4850	0,4850	0,4250	450,0000	1	0,4250	1000				
Certificate	DE000CJ3NSR9	SLIGR35.31TL OPENZ	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	NL0013003643	SLIGR35.548L OPENB	EUR	0,2850	0,2850	0,2250			0,2250					
Certificate	NL0012983662	SLIGR40.938S OPENB	EUR	0,4550	0,4950	0,4550			0,4950					
Certificate	NL0013004815	SLIGR44.928S OPENB	EUR	0,8550	0,8950	0,8550			0,8950					
Certificate	DE0005437461	SMI PI OPENN	EUR	76,5900	76,5900	76,5900			76,5900					
Certificate	NL0010283115	SMI 5930TL OPENB	EUR	26,1500	26,1500	26,1500			26,1500					
Certificate	NL0010286795	SMI 6450TL OPENB	EUR	21,7100	21,7100	21,7100			21,7100					
Certificate	NL0010444196	SMI 6910TL OPENB	EUR	18,3000	18,3000	17,7700	1830,0000	1	17,7700	100				
Certificate	NL0012100770	SMI 7730TL OPENB	EUR	10,8300	10,8300	10,8300			10,8300					
Certificate	NL0012117881	SMI 8180TL OPENB	EUR	7,0100	7,0100	7,0100			7,0100					
Certificate	NL0012980312	SMI 8570TL OPENB	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	NL0013011638	SMI 8850TS OPENB	EUR											
Certificate	NL0012260434	SMI 9250TS OPENB	EUR	7,0100	7,0100	7,0100			7,0100					
Certificate	NL0012266548	SMI 9630TS OPENB	EUR	10,4500	10,4500	10,4500			10,4500					
Certificate	NL0012790265	SMI 10020TS OPENB	EUR	14,0100	14,0100	14,0100			14,0100					
Certificate	DE000CP06UR8	SNAP 4TL OPENC	EUR	0,2500	0,2500	0,2500			0,2500					
Certificate	DE000CJ3N1W5	SNAP 6TL 1218Z	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	DE000CP06P48	SNAP 6TL OPENC	EUR	0,0800	0,0800	0,0800			0,0800					
Certificate	DE000CP06PU2	SNAP 6TL OPENC	EUR	0,1100	0,1100	0,1100			0,1100					
Certificate	DE000CP07B76	SNAP 8TS OPENC	EUR	0,1500	0,1500	0,1500			0,1500					
Certificate	DE000CP06US6	SNAP 8TS OPENC	EUR	0,0900	0,0900	0,0900			0,0900					
Certificate	DE000CP06KY5	SNAP 10TS OPENC	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	DE000CP06LC9	SNAP 10TS OPENC	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	DE000CY51170	SNAP 11TL OPENC	EUR											
Certificate	DE000CY524E0	SNAP 12TL OPENC	EUR											
Certificate	DE000CP06180	SNAP 12TS OPENC	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	DE000CP06305	SNAP 12TS OPENC	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	DE000CY52N67	SNAP 13TL OPENC	EUR											
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	1,5350	1,5350	1,5350			1,5350					
Certificate	DE000CJ3N6M5	SNAP 5.6TL 1218Z	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	DE000CJ3N2F8	SNAP 6.4TL 1218Z	EUR	0,5350	0,5350	0,5350			0,5350					
Certificate	DE000CJ3PB88	SNAP 6.85TL 1218Z	EUR											
Certificate	DE000CJ3N054	SNAP 4.676TL OPENZ	EUR	1,9650	1,9650	1,9650			1,9650					
Certificate	DE000CJ3N195	SNAP 5.576TL OPENZ	EUR	1,2050	1,2050	1,2050			1,2050					
Certificate	DE000CV8BA89	SNAP 6.183TL OPENZ	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000CJ3PBM1	SNAP 6.881TL 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	DE000CV89W82	SNHG 0.101TL OPENZ	EUR	0,0300	0,0300	0,0300			0,0300					
Certificate	DE000CV88707	SODEX66.57TL OPENZ	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	DE000CV87JW9	SODEX77.04TL OPENZ	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	DE000CE6CQV6	SOF 101.4TL OPENZ	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	DE000CE6CNC3	SOF 111.9TL OPENZ	EUR	3,2100	3,2100	3,2100			3,2100					
Certificate	DE000CE6CNB5	SOF 122.4TL OPENZ	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	DE000CV88K61	SOF 132.9TL OPENZ	EUR	2,2100	2,2100	2,2100			2,2100					
Certificate	NL0012998090	SOF 137.88L OPENB	EUR	1,7850	1,7950	1,7850			1,7950					
Certificate	DE000CV892C3	SOF 143.3TL OPENZ	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	NL0012998108	SOF 147.88L OPENB	EUR	1,2850	1,2950	1,2850			1,2950					
Certificate	DE000CV8AP67	SOF 153.7TL OPENZ	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	NL0012998116	SOF 157.98L OPENB	EUR	0,7850	0,7950	0,7850			0,7950					
Certificate	DE000CJ3NKP0	SOF 164.1TL OPENZ	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	NL0012998272	SOF 189.48S OPENB	EUR	1,1150	1,1150	1,0950			1,0950					
Certificate	NL0012999056	SOF 209.48S OPENB	EUR	2,1150	2,1150	2,0950			2,0950					
Certificate	DE000CE6E127	SOF 81.04TL OPENZ	EUR	4,6700	4,6700	4,6700			4,6700					
Certificate	DE000CE6CQW4	SOF 90.76TL OPENZ	EUR	4,2100	4,2100	4,2100			4,2100					
Certificate	DE000CJ3PAT8	SOFTB 6536TL OPENZ	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	DE000CV8AST5	SOFTB 7536TL OPENZ	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	DE000CV8AJG1	SOFTB 8608TL OPENZ	EUR	1,1200	1,1200	1,1200			1,1200					
Certificate	DE000CV8B2A3	SOFTB 9678TL OPENZ	EUR											
Certificate	DE000CX5GR0	SOGEN 30TL OPENC	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	NL0012431647	SOGEN 47TS OPENH	EUR	2,0000	2,0400	2,0000			2,0400					
Certificate	NL0011642822	SOGEN 17.2TL OPENB	EUR	19,7150	19,7150	19,3450			19,3450					
Certificate	NL0010440097	SOGEN 19.8TL OPENB	EUR	16,9550	16,9550	16,9550			16,9550					
Certificate	NL0012025670	SOGEN 30.4TL OPENB	EUR	7,7150	7,7150	7,3450			7,3450					
Certificate	NL0013011745	SOGEN 32.9TL OPENB	EUR	5,3650	5,3650	4,9950			4,9950					
Certificate	NL0012999593	SOGEN 35.5TL OPENB	EUR											
Certificate	NL0012793632	SOGEN 40.6TS OPENB	EUR	9,8950	10,2550	9,8950			10,2550					
Certificate	NL0012774681	SOGEN 43.5TS OPENB	EUR	13,1850	13,5450	13,1850			13,5450					
Certificate	NL0012581987	SOGEN 50.9TS OPENH	EUR	2,4600	2,5000	2,4600			2,5000					
Certificate	NL0012057756	SOGEN 53.3TS OPENH	EUR	2,7400	2,7800	2,7400			2,7800					
Certificate	NL0012565618	SOGEN 53.8TS OPENH	EUR	2,8000	2,8400	2,8000			2,8400					
Certificate	NL0011226444	SOGEN18.58TL OPENH	EUR	1,9100	1,9100	1,8700			1,8700					
Certificate	DE000CNGJ8R5	SOGEN23.35TL OPENZ	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	NL0011989702	SOGEN29.94TL OPENH	EUR	0,9200	0,9200	0,8800			0,8800					
Certificate	DE000CD63CC5	SOGEN31.03TL OPENZ	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	NL0011995519	SOGEN34.08TL OPENH	EUR	0,5600	0,5600	0,5200			0,5200					
Certificate	NL0012934814	SOGEN38.87TS OPENH	EUR	1,0400	1,0800	1,0400			1,0800					
Certificate	NL0012934277	SOGEN40.08TS OPENH	EUR	1,1900	1,2200	1,1900			1,2200					
Certificate	NL0012848113	SOGEN41.03TS OPENH	EUR	1,3000	1,3400	1,3000			1,3400					
Certificate	NL0012846737	SOGEN42.02TS OPENH	EUR	1,4100	1,4500	1,4100			1,4500					
Certificate	NL0012846729	SOGEN43.01TS OPENH	EUR	1,5300	1,5700	1,5300			1,5700					
Certificate	NL0012595037	SOGEN44.03TS OPENH	EUR	1,6500	1,6900	1,6500			1,6900					
Certificate	NL0012581235	SOGEN45.96TS OPENH	EUR	1,8800	1,9200	1,8800			1,9200					
Certificate	NL0012582613	SOGEN47.95TS OPENH	EUR	2,1100	2,1500	2,1100			2,1500					
Certificate	NL0012581227	SOGEN48.92TS OPENH	EUR	2,2300	2,2600	2,2300			2,2600					
Certificate	NL0011226378	SOGEN49.25TS OPENH	EUR	2,2600	2,3000	2,2600			2,3000					
Certificate	NL0012581219	SOGEN51.87TS OPENH	EUR	2,5700	2,6100	2,5700			2,6100					
Certificate	NL0012051205	SOGEN54.03TS OPENH	EUR	2,8300	2,8600	2,8300			2,8600					
Certificate	NL0012054241	SOGEN54.16TS OPENH	EUR	2,8400	2,8800	2,8400			2,8800					
Certificate	NL0012331730	SOGEN60.32TS OPENH	EUR	3,5700	3,6000	3,5700			3,6000					
Certificate	NL0012366322	SOGEN60.42TS OPENH	EUR	3,5800	3,6100	3,5800			3,6100					
Certificate	DE000CJ3N3E9	SOHU 11.46TL OPENZ	EUR	1,1550	1,1550	1,1550			1,1550					
Certificate	DE000CJ3NY95	SOHU 13.46TL OPENZ	EUR	0,8350	0,8350	0,8350			0,8350					
Certificate	DE000CV8BAG8	SOHU 15.46TL OPENZ	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	DE000CJ3PBX8	SOHU 17.96TL OPENZ	EUR											
Certificate	NL0010131181	SOLAR 18TL OPENB	EUR	2,7700	2,7700	2,7700			2,7700					
Certificate	NL0010285268	SOLAR 25TL OPENB	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	DE000CJ3NNS8	SOLAR33.56TL OPENZ	EUR	0,5950	0,5950	0,5950			0,5950					
Certificate	DE000CV8AF93	SOLAR40.59TL OPENZ	EUR	0,2950	0,2950	0,2950			0,2950					
Certificate	NL0010733838	SOLEE STN1120V	EUR	100,9500	100,9500	100,9500			100,9500					
Certificate	DE000CQ58L14	SOLVA 80TL OPENC	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	DE000CP06XC4	SOLVA 90TL OPENC	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	DE000CX5KY8	SOLVA 100TL OPENC	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CY16SC5	SOLVA 110TL OPENC	EUR											
Certificate	DE000CP06MK0	SOLVA 110TL OPENC	EUR											
Certificate	DE000CP06U66	SOLVA 110TS OPENC	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	DE000CQ58L30	SOLVA 120TS OPENC	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	DE000CQ58XR0	SOLVA 130TS OPENC	EUR	2,6700	2,6700	2,6700			2,6700					
Certificate	DE000CQ58XS8	SOLVA 140TS OPENC	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	NL0009175983	SOLVA 36.3TL OPENB	EUR	75,5000	75,5000	75,4300			75,4300					



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	NL0010133062	SOLVA 64.9TL OPENB	EUR	47,1900	47,1900	47,1100			47,1100					
Certificate	NL0011913041	SOLVA 83.1TL OPENB	EUR	27,5800	27,5800	27,4800			27,4800					
Certificate	NL0011917083	SOLVA 90.8TL OPENB	EUR	20,4000	21,2200	20,3000	148,5400	1	20,3000					
Certificate	NL0012030720	SOLVA 93.3TL OPENB	EUR	18,0700	18,9900	17,9700	2848,5000	1	17,9700	150				
Certificate	NL0012992853	SOLVA102.4BL OPENB	EUR	0,3950	0,5200	0,3800	5230,0000	4	0,3850	11500				
Certificate	NL0012978597	SOLVA103.3TL OPENB	EUR	8,7400	8,7400	8,6400			8,6400					
Certificate	DE000CD640Q3	SOLVA103.9TL OPENZ	EUR											
Certificate	NL0013011901	SOLVA108.5TS OPENB	EUR	12,6800	12,7300	12,6800			12,7300					
Certificate	NL0013009095	SOLVA110.4BS OPENB	EUR	0,7350	0,7350	0,7350			0,7350					
Certificate	NL0013010283	SOLVA113.5TS OPENB	EUR	18,1700	18,2200	18,1700			18,2200					
Certificate	NL0013006000	SOLVA118.5TS OPENB	EUR	23,5400	23,5900	23,5400			23,5900					
Certificate	NL0012993091	SOLVA120.4BS OPENB	EUR	1,7350	1,7350	1,7350			1,7350					
Certificate	NL0012509269	SOLVA123.4TS OPENB	EUR	28,7900	28,8400	28,7900			28,8400					
Certificate	NL0013004997	SOLVA128.5TS OPENB	EUR	34,3000	34,3500	34,3000			34,3500					
Certificate	DE000CE6CP55	SOLVA129.2TS OPENZ	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	NL0012993109	SOLVA130.4BS OPENB	EUR	2,7250	2,7350	2,7250			2,7350					
Certificate	DE000CE6FCB1	SOLVA146.1TS OPENZ	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	DE000CN6EYK8	SOLVA67.22TL OPENZ	EUR	37,3150	37,3150	37,3150			37,3150					
Certificate	DE000CN6JU78	SOLVA75.18TL OPENZ	EUR	29,3750	29,3750	29,3750			29,3750					
Certificate	DE000CN6K933	SOLVA80.15TL OPENZ	EUR	24,4350	24,4350	24,4350			24,4350					
Certificate	DE000CD62DF8	SOLVA85.11TL OPENZ	EUR	19,5200	19,5200	19,5200			19,5200					
Certificate	DE000CD62LE4	SOLVA91.05TL OPENZ	EUR	13,6550	13,6550	13,6550			13,6550					
Certificate	NL0013008766	SOLVA92.34BL OPENB	EUR	1,3950	1,3950	1,3850			1,3850					
Certificate	DE000CD63PU9	SOLVA96.99TL OPENZ	EUR	8,7500	8,7500	7,7850	183,7500	1	7,7850	21				
Certificate	NL0012994750	SOLVA97.35BL OPENB	EUR	0,8950	0,8950	0,8850			0,8850					
Certificate	NL0010129045	SONY 9.9TL OPENB	EUR	40,9800	40,9800	40,9800			40,9800					
Certificate	NL0010289104	SONY 16.3TL OPENB	EUR	35,9200	35,9200	35,9200			35,9200					
Certificate	DE000CV8AJH9	SONY 4266TL OPENZ	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	DE000CV8ASV1	SONY 5327TL OPENZ	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	DE000CJ3NKE4	SONY 6387TL OPENZ	EUR											
Certificate	NL0011419395	SONY 19.67TL OPENH	EUR	33,7900	33,7900	33,2700			33,2700					
Certificate	NL0011233366	SOYBN 6.68TL OPENH	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	NL0012922512	SOYBN 7.34TL OPENH	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	NL0012922504	SOYBN 7.55TL OPENH	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	NL0011233358	SOYBN 7.75TL OPENH	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	NL0012922496	SOYBN 7.95TL OPENH	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	NL0012938427	SOYBN 9.07TS OPENH	EUR	1,1200	1,1200	1,1200			1,1200					
Certificate	NL0012938419	SOYBN 9.27TS OPENH	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	NL0012922439	SOYBN 9.35TS OPENH	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	NL0012922421	SOYBN 9.55TS OPENH	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	NL0011233283	SOYBN13.06TS OPENH	EUR	4,9400	4,9400	4,9400			4,9400					
Certificate	NL0011233275	SOYBN14.92TS OPENH	EUR	6,7200	6,7200	6,7200			6,7200					
Certificate	DE0005591325	SP500 PI OPENN	EUR	243,5700	243,5700	243,5700			243,5700					
Certificate	NL0011218656	SP500 STN0320V	EUR											
Certificate	XS1586684836	SP500 STN0323B	USD	111,3000	111,3000	110,8000			110,8000					
Certificate	NL0011218714	SP500 STN0324V	USD											
Certificate	NL0012248074	SP500 STN0723V	USD	103,8500	103,8500	103,8500			103,8500					
Certificate	NL0010733846	SP500 STN0919V	USD	135,9500	135,9500	135,9500			135,9500					
Certificate	NL0011218359	SP500 STN1019V	EUR											
Certificate	NL0009065168	SP500 400TL OPENB	EUR	20,8500	20,8500	20,8500			20,8500					
Certificate	NL0009176148	SP500 790TL OPENB	EUR	17,5400	17,5400	17,5400			17,5400					
Certificate	NL0009256056	SP500 880TL OPENB	EUR	16,7700	16,7700	16,7700			16,7700					
Certificate	NL0009560283	SP500 970TL OPENB	EUR	16,0600	16,0600	16,0600			16,0600					
Certificate	NL0011419601	SP500 1054TL OPENH	EUR	15,3200	15,3200	15,3200			15,3200					
Certificate	NL0011420138	SP500 1085TRLOPENH	EUR	14,7300	14,7300	14,7300			14,7300					
Certificate	NL0010001194	SP500 1170TL OPENB	EUR	14,3100	14,3100	14,3100			14,3100					
Certificate	NL0010282406	SP500 1380TL OPENB	EUR	125,8100	125,8100	125,8100			125,8100					
Certificate	NL0011412648	SP500 1407TRLOPENH	EUR	11,9200	11,9200	11,9200			11,9200					
Certificate	NL0010282422	SP500 1420TL OPENB	EUR	121,7700	121,7700	121,7700			121,7700					
Certificate	NL0011047600	SP500 1427TL OPENH	EUR	12,1800	12,1800	12,1800			12,1800					
Certificate	NL0012850978	SP500 1461TRLOPENH	EUR	11,4500	11,4500	11,4500			11,4500					
Certificate	NL0010287975	SP500 1470TL OPENB	EUR	117,7600	117,7600	117,7600			117,7600					
Certificate	NL0012850960	SP500 1512TRLOPENH	EUR	11,0100	11,0100	11,0100			11,0100					
Certificate	NL0011047592	SP500 1515TL OPENH	EUR	11,4400	11,4400	11,4400			11,4400					
Certificate	NL0010288635	SP500 1520TL OPENB	EUR	113,6800	113,6800	113,6800			113,6800					
Certificate	DE000C20HY84	SP500 1525TL OPENZ	EUR	11,1400	11,1400	10,9400			10,9400					
Certificate	DE000CF3AP54	SP500 1543TL OPENC	EUR	10,7300	10,7300	10,7300			10,7300					
Certificate	NL0011595202	SP500 1550TL OPENH	EUR	11,1500	11,1500	11,1500			11,1500					
Certificate	NL0011047295	SP500 1589TRLOPENH	EUR	10,3400	10,3400	10,3400			10,3400					
Certificate	DE000CC5KHU4	SP500 1600TL OPENC	EUR	10,5300	10,5300	10,5300			10,5300					
Certificate	NL0011047584	SP500 1604TL OPENH	EUR	10,6900	10,6900	10,6900			10,6900					
Certificate	NL0011047576	SP500 1649TL OPENH	EUR	10,3100	10,3100	10,3100			10,3100					



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	NL0011602644	SP500 1681TL OPENH	EUR	10,0500	10,0500	10,0500			10,0500					
Certificate	NL0011047287	SP500 1681TRLOPENH	EUR	9,5400	9,5400	9,5400			9,5400					
Certificate	NL0011047568	SP500 1693TL OPENH	EUR	9,9400	9,9400	9,9400			9,9400					
Certificate	DE000CN6JQK3	SP500 1695TL OPENZ	EUR	9,6700	9,6700	9,4700			9,4700					
Certificate	DE000CX00PP9	SP500 1700TL OPENC	EUR	9,1000	9,1000	9,1000			9,1000					
Certificate	NL0011596812	SP500 1713TL OPENH	EUR	9,7800	9,7800	9,7800			9,7800					
Certificate	NL0011596804	SP500 1724TL OPENH	EUR	9,6800	9,6800	9,6800			9,6800					
Certificate	NL0011047279	SP500 1727TRLOPENH	EUR	9,1400	9,1400	9,1400			9,1400					
Certificate	NL0011047550	SP500 1737TL OPENH	EUR	9,5700	9,5700	9,5700			9,5700					
Certificate	NL0011595194	SP500 1756TL OPENH	EUR	9,4100	9,4100	9,4100			9,4100					
Certificate	DE000C22F5K2	SP500 1760TL OPENZ	EUR	9,1050	9,1050	8,9050			8,9050					
Certificate	NL0011595186	SP500 1767TL OPENH	EUR	9,3200	9,3200	9,3200			9,3200					
Certificate	NL0011047261	SP500 1773TRLOPENH	EUR	8,7400	8,7400	8,7400			8,7400					
Certificate	NL0011047543	SP500 1782TL OPENH	EUR	9,2000	9,2000	9,2000			9,2000					
Certificate	NL0011637566	SP500 1784BL OPENB	EUR	17,5000	17,5000	17,5000			17,5000					
Certificate	DE000CF809E8	SP500 1797TL OPENC	EUR	8,2800	8,2800	8,2800			8,2800					
Certificate	NL00110609400	SP500 1800TL OPENB	EUR	89,9000	89,9000	89,9000			89,9000					
Certificate	DE000C5CKHW0	SP500 1800TL OPENC	EUR	8,5900	8,5900	8,5900			8,5900					
Certificate	NL0011593330	SP500 1801TL OPENH	EUR	9,0400	9,0400	9,0400			9,0400					
Certificate	NL0011592712	SP500 1812TL OPENH	EUR	8,9400	8,9400	8,9400			8,9400					
Certificate	NL0011047253	SP500 1819TRLOPENH	EUR	8,3400	8,3400	8,3400			8,3400					
Certificate	NL0011047535	SP500 1826TL OPENH	EUR	8,8200	8,8200	8,8200			8,8200					
Certificate	NL0011602636	SP500 1844TL OPENH	EUR	8,6700	8,6700	8,6700			8,6700					
Certificate	NL0011603071	SP500 1855TL OPENH	EUR	8,5800	8,5800	8,5800			8,5800					
Certificate	NL0011047246	SP500 1865TRLOPENH	EUR	7,9300	7,9300	7,9300			7,9300					
Certificate	NL0011603063	SP500 1866TL OPENH	EUR	8,4900	8,4900	8,4900			8,4900					
Certificate	NL0011603055	SP500 1877TL OPENH	EUR	8,3900	8,3900	8,3900			8,3900					
Certificate	NL0011605845	SP500 1888TL OPENH	EUR	8,3000	8,3000	8,3000			8,3000					
Certificate	NL0011605837	SP500 1898TL OPENH	EUR	8,2100	8,2100	8,2100			8,2100					
Certificate	DE000CX00LK9	SP500 1900TL OPENC	EUR	7,5700	7,5700	7,5700			7,5700					
Certificate	DE000CX00L48	SP500 1900TL OPENC	EUR	7,2100	7,2100	7,2100			7,2100					
Certificate	NL0011605829	SP500 1909TL OPENH	EUR	8,1200	8,1200	8,1200			8,1200					
Certificate	DE000CZ7DSD1	SP500 1916TL OPENZ	EUR	7,7400	7,7400	7,5400			7,5400					
Certificate	NL0011606082	SP500 1920TL OPENH	EUR	8,0300	8,0300	8,0300			8,0300					
Certificate	NL0012850952	SP500 1921TRLOPENH	EUR	7,4500	7,4500	7,4500			7,4500					
Certificate	NL0011705694	SP500 1932TL OPENH	EUR	7,9300	7,9300	7,9300			7,9300					
Certificate	NL0011650700	SP500 1942BL OPENB	EUR	14,7500	14,7500	14,7500			14,7500					
Certificate	NL0011700885	SP500 1942TL OPENH	EUR	7,8500	7,8500	7,8500			7,8500					
Certificate	DE000CR9Q138	SP500 1951TL OPENZ	EUR	7,4450	7,4450	7,2450			7,2450					
Certificate	NL0011700877	SP500 1953TL OPENH	EUR	7,7500	7,7500	7,7500			7,7500					
Certificate	NL0011695036	SP500 1955TRLOPENH	EUR	7,1600	7,1600	7,1600			7,1600					
Certificate	NL0011652649	SP500 1964BL OPENB	EUR	14,3700	14,3700	14,3700			14,3700					
Certificate	NL0011705686	SP500 1964TL OPENH	EUR	7,6600	7,6600	7,6600			7,6600					
Certificate	NL0011705678	SP500 1975TL OPENH	EUR	7,5700	7,5700	7,5700			7,5700					
Certificate	DE000CN6J771	SP500 1983TL OPENZ	EUR	7,1600	7,1600	6,9500			6,9500					
Certificate	NL0011705660	SP500 1986TL OPENH	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	NL0011705652	SP500 1997TL OPENH	EUR	7,3800	7,3800	7,3800			7,3800					
Certificate	NL0012850945	SP500 1998TRLOPENH	EUR	6,7900	6,7900	6,7900			6,7900					
Certificate	NL0011657168	SP500 2000TL OPENB	EUR	73,2400	73,2400	73,2400			73,2400					
Certificate	DE000CX59W11	SP500 2000TL OPENC	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	DE000CX591S0	SP500 2000TL OPENC	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	NL0011705645	SP500 2008TL OPENH	EUR	7,2900	7,2900	7,2900			7,2900					
Certificate	DE000CN6JZAS	SP500 2016TL OPENZ	EUR	6,8850	6,8850	6,6750			6,6750					
Certificate	NL0011716089	SP500 2018TL OPENH	EUR	7,2000	7,2000	7,2000			7,2000					
Certificate	NL0012850937	SP500 2023TRLOPENH	EUR	6,5600	6,5600	6,5600			6,5600					
Certificate	NL0011716071	SP500 2029TL OPENH	EUR	7,1100	7,1100	7,1100			7,1100					
Certificate	NL0011892757	SP500 2048TL OPENH	EUR	6,9600	6,9600	6,9600			6,9600					
Certificate	DE000CN6K453	SP500 2048TL OPENZ	EUR	6,5900	6,5900	6,3900			6,3900					
Certificate	DE000CJ3NU08	SP500 2050TL 1218Z	EUR	6,5900	6,5900	6,3800			6,3800					
Certificate	NL0011723630	SP500 2051TRLOPENH	EUR	6,3200	6,3200	6,3200			6,3200					
Certificate	NL0011892740	SP500 2058TL OPENH	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	NL0011723622	SP500 2062TRLOPENH	EUR	6,2300	6,2300	6,2300			6,2300					
Certificate	NL0011893417	SP500 2069TL OPENH	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	NL0011723614	SP500 2073TRLOPENH	EUR	6,1300	6,1300	6,1300			6,1300					
Certificate	NL0011893409	SP500 2080TL OPENH	EUR	6,6800	6,6800	6,6800			6,6800					
Certificate	DE000CN6K826	SP500 2080TL OPENZ	EUR	6,3200	6,3200	6,1100			6,1100					
Certificate	NL0011723606	SP500 2084TRLOPENH	EUR	6,0300	6,0300	6,0300			6,0300					
Certificate	NL0011716329	SP500 2088TRLOPENH	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	NL0011715875	SP500 2088TRLOPENH	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	NL0011893391	SP500 2091TL OPENH	EUR	6,5900	6,5900	6,5900			6,5900					
Certificate	DE000CX59M05	SP500 2100TL OPENC	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	DE000CX59RU1	SP500 2100TL OPENC	EUR	5,7100	5,7100	5,7100			5,7100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011893383	SP500 2102TL OPENH	EUR	6,5000	6,5000	6,5000			6,5000					
Certificate	NL0011894134	SP500 2112TL OPENH	EUR	6,4100	6,4100	6,4100			6,4100					
Certificate	DE000CN6KE18	SP500 2112TL OPENZ	EUR	6,0450	6,0450	5,8350			5,8350					
Certificate	NL0011894126	SP500 2123TL OPENH	EUR	6,3200	6,3200	6,3200			6,3200					
Certificate	NL0012850929	SP500 2126TRLOPENH	EUR	5,6700	5,6700	5,6700			5,6700					
Certificate	NL0011992771	SP500 2140TL OPENH	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	DE000CN6KM75	SP500 2144TL OPENZ	EUR	5,7600	5,7600	5,5500			5,5500					
Certificate	NL0011992763	SP500 2151TL OPENH	EUR	6,0900	6,0900	6,0900			6,0900					
Certificate	NL0012850911	SP500 2151TRLOPENH	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	NL0011992755	SP500 2162TL OPENH	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	NL0011993290	SP500 2172TL OPENH	EUR	5,9100	5,9100	5,9100			5,9100					
Certificate	DE000CD61V87	SP500 2176TL OPENZ	EUR	5,4800	5,4800	5,2700			5,2700					
Certificate	NL0011993282	SP500 2183TL OPENH	EUR	5,8200	5,8200	5,8200			5,8200					
Certificate	NL0011716543	SP500 2186TS OPENH	EUR											
Certificate	NL0011993274	SP500 2193TL OPENH	EUR	5,7300	5,7300	5,7300			5,7300					
Certificate	NL0011994918	SP500 2197TRLOPENH	EUR	5,0500	5,0500	5,0500			5,0500					
Certificate	DE000CX59267	SP500 2200TL OPENC	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	DE000CX59V76	SP500 2200TL OPENC	EUR	4,5100	4,5100	4,5100			4,5100					
Certificate	NL0011996251	SP500 2205TL OPENH	EUR	5,6300	5,6300	5,6300			5,6300					
Certificate	NL0011890959	SP500 2206TS OPENH	EUR											
Certificate	DE000CD61WY1	SP500 2207TL OPENZ	EUR	5,2100	5,2100	5,0000			5,0000					
Certificate	NL0011996939	SP500 2215TL OPENH	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	NL0012240469	SP500 2226TL OPENH	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	NL0012850903	SP500 2228TRLOPENH	EUR	4,7800	4,7800	4,7800			4,7800					
Certificate	NL0011997457	SP500 2236TL OPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	DE000CD63MF7	SP500 2239TL OPENZ	EUR	4,9350	4,9350	4,7350			4,7350					
Certificate	NL0012206577	SP500 2247TL OPENH	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	NL0012039283	SP500 2249BL OPENB	EUR	9,4000	9,4000	9,4000			9,4000					
Certificate	DE000CV8ACC5	SP500 2250TL 1218Z	EUR	4,8550	4,8550	4,6450			4,6450					
Certificate	NL0012850895	SP500 2253TRLOPENH	EUR	4,5600	4,5600	4,5600			4,5600					
Certificate	NL0012050371	SP500 2261TL OPENH	EUR	5,1600	5,1600	5,1600			5,1600					
Certificate	DE000CD63MG5	SP500 2270TL OPENZ	EUR	4,6650	4,6650	4,4550			4,4550					
Certificate	NL0013008279	SP500 2272BL OPENB	EUR	9,0200	9,0200	9,0200			9,0200					
Certificate	NL0012050363	SP500 2272TL OPENH	EUR	5,0700	5,0700	5,0700			5,0700					
Certificate	NL0012850887	SP500 2279TRLOPENH	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	NL0012051288	SP500 2284TL OPENH	EUR	4,9700	4,9700	4,9700			4,9700					
Certificate	NL0012054985	SP500 2298TL OPENH	EUR	4,8500	4,8500	4,8500			4,8500					
Certificate	NL0012107197	SP500 2300TL OPENB	EUR	47,6800	47,6800	47,6800			47,6800					
Certificate	DE000CY16BN8	SP500 2300TL OPENC	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	DE000CY16G61	SP500 2300TL OPENC	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	DE000CD63T63	SP500 2301TL OPENZ	EUR	4,3950	4,3950	4,1850			4,1850					
Certificate	LU1840978347	SP500 2307TCIOPENS	EUR	4,1300	4,1300	4,1300			4,1300					
Certificate	NL0012057327	SP500 2314TL OPENH	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	NL0012090542	SP500 2317TRLOPENH	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	DE000VL9VU32	SP500 2320TL OPENV	EUR	3,6990	3,7755	3,6990	2239,8000	2	3,7755	600				
Certificate	NL0012055479	SP500 2320TRLOPENH	EUR	3,9800	3,9800	3,9800			3,9800					
Certificate	NL0012055230	SP500 2321TRLOPENH	EUR	3,9700	3,9700	3,9700			3,9700					
Certificate	NL0012054951	SP500 2322TRLOPENH	EUR	3,9700	3,9700	3,9700			3,9700					
Certificate	NL0012053318	SP500 2323TRLOPENH	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	NL0012094841	SP500 2324TL OPENH	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	NL0012052062	SP500 2324TRLOPENH	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	NL0013008261	SP500 2332BL OPENB	EUR	7,9800	7,9800	7,9800			7,9800					
Certificate	DE000CD63ZY0	SP500 2333TL OPENZ	EUR	4,1250	4,1250	3,9150			3,9150					
Certificate	NL0012174999	SP500 2342TL OPENH	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	NL0012174981	SP500 2352TL OPENH	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	NL0012850879	SP500 2356TRLOPENH	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	NL0012174973	SP500 2363TL OPENH	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	DE000CD64F68	SP500 2364TL OPENZ	EUR	3,8550	3,8550	3,6450			3,6450					
Certificate	NL0012207708	SP500 2373TL OPENH	EUR	4,2100	4,2100	4,2100			4,2100					
Certificate	NL0012850861	SP500 2381TRLOPENH	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	NL0012207690	SP500 2384TL OPENH	EUR	4,1300	4,1300	4,1300			4,1300					
Certificate	NL0013008253	SP500 2392BL OPENB	EUR	6,9300	6,9300	6,9300			6,9300					
Certificate	NL0012213888	SP500 2395TL OPENH	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	DE000CE6BHQ7	SP500 2395TL OPENZ	EUR	3,5850	3,5850	3,3750			3,3750					
Certificate	DE000CY50LN6	SP500 2400TL OPENC	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	DE000CY50MN4	SP500 2400TL OPENC	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	NL0012213870	SP500 2405TL OPENH	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	LU1840978420	SP500 2407TCIOPENS	EUR	3,2600	3,2600	3,2600			3,2600					
Certificate	NL0012306427	SP500 2416TL OPENH	EUR	3,8600	3,8600	3,8600			3,8600					
Certificate	DE000CE6BLV9	SP500 2425TL OPENZ	EUR	3,3150	3,3150	3,1050			3,1050					
Certificate	NL0012306419	SP500 2426TL OPENH	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	NL0012306229	SP500 2431TRLOPENH	EUR	3,0100	3,0100	3,0100			3,0100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012242374	SP500 2432TRLOPENH	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	NL0012243711	SP500 2433TRLOPENH	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	NL0012239800	SP500 2433TRLOPENH	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	NL0012239016	SP500 2434TRLOPENH	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	NL0012306971	SP500 2437TL OPENH	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	NL0012272181	SP500 2440TL OPENB	EUR	35,6600	35,6600	35,6600			35,6600					
Certificate	NL0012307375	SP500 2447TL OPENH	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	DE000CV8ACD3	SP500 2450TL 1218Z	EUR	3,1150	3,1150	2,8950			2,8950					
Certificate	NL0013008246	SP500 2452BL OPENB	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	DE000CE6C097	SP500 2456TL OPENZ	EUR	3,0450	3,0450	2,8350			2,8350					
Certificate	NL0012435192	SP500 2466TL OPENH	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	NL0013008238	SP500 2472BL OPENB	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	NL0012435184	SP500 2476TL OPENH	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	NL0012850853	SP500 2483TRLOPENH	EUR	2,5600	2,5600	2,5600			2,5600					
Certificate	DE000CE6DCZ5	SP500 2487TL OPENZ	EUR	2,7850	2,7850	2,5750			2,5750					
Certificate	NL0012437636	SP500 2488TL OPENH	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	DE000VL61T96	SP500 2489TL OPENV	EUR	2,2295	2,2295	2,2295			2,2295					
Certificate	NL0012494173	SP500 2491BL OPENB	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	NL0012516892	SP500 2499TL OPENH	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	DE000CY51W67	SP500 2500TL OPENC	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	DE000CP064M1	SP500 2500TL OPENC	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	DE000CP07BX4	SP500 2500TL OPENC	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	DE000CY51WS0	SP500 2500TL OPENC	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	LU1719609676	SP500 2508TCIOPENS	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	NL0012850846	SP500 2509TRLOPENH	EUR	2,6200	2,6200	2,3400	455,9800	5	2,3400	177				
Certificate	NL0012516884	SP500 2510TL OPENH	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	NL0012498893	SP500 2512BL OPENB	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	DE000CE6EC66	SP500 2518TL OPENZ	EUR	2,5150	2,5150	2,3050			2,3050					
Certificate	DE000VL9VVA2	SP500 2520TL OPENV	EUR	1,9955	1,9955	1,9955			1,9955					
Certificate	NL0012517676	SP500 2521TL OPENH	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	NL0012498859	SP500 2530TL OPENB	EUR	28,6100	28,6100	28,6100			28,6100					
Certificate	NL0012550149	SP500 2531TL OPENH	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	NL0012523468	SP500 2535TRLOPENH	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000VL76G37	SP500 2539TL OPENV	EUR	1,7795	1,7795	1,7795			1,7795					
Certificate	NL0012522841	SP500 2540TL OPENH	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	DE000CE6EXF1	SP500 2548TL OPENZ	EUR	2,2450	2,2450	2,0350			2,0350					
Certificate	DE000CV8ACE1	SP500 2550TL 1218Z	EUR	2,2450	2,2450	2,0250			2,0250					
Certificate	NL0012502694	SP500 2553BL OPENB	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	NL0012524938	SP500 2560TL OPENH	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	NL0012573596	SP500 2563TL OPENH	EUR											
Certificate	DE000VA1GKS8	SP500 2571TL OPENV	EUR	1,5565	1,5565	1,5565			1,5565					
Certificate	NL0012573612	SP500 2573TL OPENH	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	NL0012573588	SP500 2573TL OPENH	EUR											
Certificate	NL0012508279	SP500 2574BL OPENB	EUR	3,7600	3,7600	3,7600			3,7600					
Certificate	DE000CE6F082	SP500 2579TL OPENZ	EUR	1,9850	1,9850	1,7750			1,7750					
Certificate	NL0012599658	SP500 2580TRLOPENH	EUR											
Certificate	NL0012573570	SP500 2583TL OPENH	EUR											
Certificate	NL0012573604	SP500 2583TL OPENH	EUR	2,6500	2,6500	2,4500	1060,0000	1	2,4500	400				
Certificate	NL0012850838	SP500 2585TRLOPENH	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	NL0012779078	SP500 2590TL OPENB	EUR	25,5800	25,5800	23,2000	2992,8600	1	23,2000	117				
Certificate	NL0012850820	SP500 2596TRLOPENH	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	DE000C05AXY8	SP500 2600TL OPENC	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	DE000C05B1U6	SP500 2600TL OPENC	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	NL0012601603	SP500 2600TL OPENH	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	DE000VA1ZE39	SP500 2601TL OPENV	EUR	1,3325	1,3325	1,3325			1,3325					
Certificate	NL0012850812	SP500 2606TRLOPENH	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	DE000CV507A6	SP500 2609TL OPENZ	EUR	1,7250	1,7250	1,5000	3000,0000	1	1,5150	2000				
Certificate	NL0012779680	SP500 2610TL OPENB	EUR	21,8900	21,8900	21,4900	5472,5000	1	21,4900	250				
Certificate	NL0012601595	SP500 2610TL OPENH	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	LU1756867203	SP500 2613TCIOPENS	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	NL0012780076	SP500 2614BL OPENB	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	NL0012614556	SP500 2617TRLOPENH	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	NL0012610984	SP500 2619TRLOPENH	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	NL0012603450	SP500 2624TRLOPENH	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	NL0012846554	SP500 2625TL OPENH	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000VA15NV8	SP500 2626TL OPENV	EUR	1,1075	1,1075	1,1075			1,1075					
Certificate	NL0012611453	SP500 2630TL OPENH	EUR											
Certificate	NL0012846943	SP500 2634TL OPENH	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	NL0012850804	SP500 2637TRLOPENH	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	DE000CV88A89	SP500 2639TL OPENZ	EUR	1,4650	1,4650	1,2550			1,2550					
Certificate	NL0012846935	SP500 2645TL OPENH	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	NL0012850796	SP500 2647TRLOPENH	EUR	1,1300	1,1300	1,1300			1,1300					



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	DE000CV8ACF8	SP500 2650TL 1218Z	EUR	1,3750	1,3750	1,1650	635,0000	1	1,1650	500				
Certificate	DE000VA15NW6	SP500 2651TL OPENV	EUR	0,8895	0,8895	0,8895			0,8895					
Certificate	NL0012789341	SP500 2654BL OPENB	EUR	2,1600	2,3600	2,1600	1080,0000	1	2,3600	500				
Certificate	NL0012846927	SP500 2655TL OPENH	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	NL0012788970	SP500 2660TL OPENB	EUR	17,6200	17,6200	17,6200			17,6200					
Certificate	NL0013083728	SP500 2660TRL OPENH	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	NL0012847933	SP500 2665TL OPENH	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	DE000CV88QN1	SP500 2669TL OPENZ	EUR	1,2050	1,2050	0,9950			0,9950					
Certificate	NL0012789358	SP500 2675BL OPENB	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	NL0012851422	SP500 2676TL OPENH	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	NL0012861678	SP500 2677TRL OPENH	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	NL0013010721	SP500 2680TL OPENB	EUR	11,5700	11,5700	11,5700			11,5700					
Certificate	DE000VA275V2	SP500 2680TL OPENV	EUR	0,6655	0,6655	0,6655			0,6655					
Certificate	NL0012851414	SP500 2686TL OPENH	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	NL0012861660	SP500 2688TRL OPENH	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	NL0012969810	SP500 2695BL OPENB	EUR	2,0700	2,0700	1,5900	1779,0000	3	1,6500	1000				
Certificate	NL0012851406	SP500 2696TL OPENH	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	DE000CV89UL5	SP500 2699TL OPENZ	EUR	0,9450	0,9450	0,7350	162,0000	1	0,7350	180				
Certificate	NL0012269682	SP500 2700BOC1218B	EUR	23,3200	23,4000	23,3200			23,4000					
Certificate	LU1790490749	SP500 2700TCIOPENS	EUR											
Certificate	NL0013011505	SP500 2700TL OPENB	EUR	9,8600	9,8600	9,8600			9,8600					
Certificate	DE000CP06YK5	SP500 2700TL OPENC	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	DE000CQ58P69	SP500 2700TL OPENC	EUR											
Certificate	DE000CP07BY2	SP500 2700TL OPENC	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	DE000CQ58NS9	SP500 2700TL OPENC	EUR											
Certificate	DE000CQ58JN8	SP500 2700TL OPENC	EUR											
Certificate	NL0012910244	SP500 2703TRL OPENH	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	NL0012910806	SP500 2703TRL OPENH	EUR	0,6800	0,6800	0,6500	4760,0000	1	0,6500	7000				
Certificate	NL0012864169	SP500 2705TRL OPENH	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	NL0012863252	SP500 2706TRL OPENH	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	NL0012934095	SP500 2711TL OPENH	EUR											
Certificate	DE000VA32559	SP500 2711TL OPENV	EUR											
Certificate	NL0013013139	SP500 2715BL OPENB	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	NL0013011513	SP500 2720TL OPENB	EUR	8,1400	8,1400	8,1400			8,1400					
Certificate	NL0013084650	SP500 2720TRL OPENH	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	NL0012934384	SP500 2726TRL OPENH	EUR											
Certificate	DE000VA71XX6	SP500 2728TL OPENV	EUR	0,4585	0,4585	0,4585			0,4585					
Certificate	DE000CJ3PCW8	SP500 2728TL OPENZ	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	NL0013084643	SP500 2730TRL OPENH	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	NL0012934087	SP500 2731TL OPENH	EUR											
Certificate	NL0013012560	SP500 2740TL OPENB	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	NL0013084635	SP500 2740TRL OPENH	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	NL0012934376	SP500 2741TRL OPENH	EUR											
Certificate	DE000CV8AQ9	SP500 2750TL 1218Z	EUR											
Certificate	DE000CJ3PCM9	SP500 2750TL 1218Z	EUR											
Certificate	NL0013084957	SP500 2750TL OPENH	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	NL0013084627	SP500 2750TRL OPENH	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	NL0012934079	SP500 2751TL OPENH	EUR											
Certificate	DE000VA71XZ1	SP500 2753TL OPENV	EUR	0,2455	0,2455	0,2455			0,2455					
Certificate	LU1790491044	SP500 2755TCIOPENS	EUR											
Certificate	NL0012935084	SP500 2756TRL OPENH	EUR											
Certificate	DE000CV89YP8	SP500 2757TL OPENZ	EUR											
Certificate	NL0012934368	SP500 2767TRL OPENH	EUR											
Certificate	NL0012934061	SP500 2771TL OPENH	EUR											
Certificate	NL0013010788	SP500 2780TS OPENB	EUR											
Certificate	NL0012890396	SP500 2783TRL OPENH	EUR											
Certificate	NL0012935969	SP500 2785TRL OPENH	EUR											
Certificate	NL0012991921	SP500 2795BL OPENB	EUR											
Certificate	NL0013082522	SP500 2799TS OPENH	EUR											
Certificate	DE000CP063J9	SP500 2800TL OPENC	EUR											
Certificate	DE000CP06154	SP500 2800TL OPENC	EUR											
Certificate	LU1840975327	SP500 2800TPIOPENS	EUR											
Certificate	NL0013082357	SP500 2800TRSOPENH	EUR											
Certificate	NL0013010796	SP500 2800TS OPENB	EUR											
Certificate	DE000CQ5ADY0	SP500 2800TS OPENC	EUR											
Certificate	DE000CQ5AM71	SP500 2800TS OPENC	EUR											
Certificate	NL0013083710	SP500 2810TRSOPENH	EUR											
Certificate	NL0012992200	SP500 2815BL OPENB	EUR											
Certificate	DE000CV8B0N0	SP500 2815TL OPENZ	EUR											
Certificate	NL0013010499	SP500 2817BS OPENB	EUR	0,7200	1,0000	0,5900	1936,3200	4	0,9200	2488				
Certificate	DE000VASRNA8	SP500 2819TL OPENV	EUR											
Certificate	NL0013010804	SP500 2820TS OPENB	EUR	7,1000	7,1000	7,1000			7,1000					



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	DE000VA71TU0	SP500 2820TS OPENV	EUR	0,4050	0,4050	0,4050			0,4050					
Certificate	NL0013082340	SP500 2824TRSOPENH	EUR	0,2700	0,5300	0,1800	20788,0400	13	0,4500	60928				
Certificate	DE000CJ3N4X7	SP500 2825TS OPENZ	EUR	0,2450	0,5000	0,2450	127,0000	2	0,4650	300				
Certificate	NL0013010507	SP500 2837BS OPENB	EUR	1,4100	1,4300	1,2700	141,0000	1	1,2700	100				
Certificate	NL0013009533	SP500 2840TS OPENB	EUR	8,8600	8,8600	8,8600			8,8600					
Certificate	DE000VA71ME9	SP500 2845TS OPENV	EUR	0,6205	0,6205	0,6205			0,6205					
Certificate	NL0013081128	SP500 2849TRSOPENH	EUR	0,4400	0,6600	0,4400	694,4000	3	0,6600	1340				
Certificate	NL0013081540	SP500 2849TS OPENH	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	DE000CJ3N6E2	SP500 2850TS 1218Z	EUR	0,4650	0,6850	0,4600	2640,0000	5	0,6850	5000				
Certificate	DE000CJ3N7U6	SP500 2856TS OPENZ	EUR	0,5150	0,7250	0,4600	14425,0000	5	0,7250	30000				
Certificate	NL0013010515	SP500 2857BS OPENB	EUR	1,2300	1,7000	1,2200	797,0000	3	1,6200	500				
Certificate	NL0013083702	SP500 2860TRSOPENH	EUR	0,5300	0,7500	0,4800	1717,5500	5	0,7400	3170				
Certificate	NL0013009541	SP500 2860TS OPENB	EUR	10,6200	10,6200	10,6200			10,6200					
Certificate	DE000VA71MH2	SP500 2870TS OPENV	EUR	0,8335	0,8335	0,8335			0,8335					
Certificate	NL0013081110	SP500 2874TRSOPENH	EUR	0,6700	0,8700	0,6700	8782,5000	5	0,8700	12250				
Certificate	NL0013008568	SP500 2877BS OPENB	EUR	1,5300	1,9700	1,5300	79,5600	1	1,9700	52				
Certificate	NL0013009558	SP500 2880TS OPENB	EUR	12,3800	12,3800	12,3800			12,3800					
Certificate	DE000CJ3N4Y5	SP500 2885TS OPENZ	EUR	0,7650	0,9850	0,7650			0,9850					
Certificate	NL0013084619	SP500 2890TRSOPENH	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000VA71MM2	SP500 2895TS OPENV	EUR	1,0465	1,0465	1,0465			1,0465					
Certificate	NL0013008576	SP500 2897BS OPENB	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	NL0013009566	SP500 2900TS OPENB	EUR	14,1400	14,1400	14,1400			14,1400					
Certificate	DE000CP07B29	SP500 2900TS OPENC	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	NL0013081102	SP500 2909TRSOPENH	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000CJ3N7V4	SP500 2916TS OPENZ	EUR	1,0250	1,2450	1,0250			1,2450					
Certificate	NL0013008584	SP500 2917BS OPENB	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	NL0013084601	SP500 2920TRSOPENH	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	NL0013009574	SP500 2920TS OPENB	EUR	15,9000	15,9000	15,9000			15,9000					
Certificate	DE000VA71MQ3	SP500 2920TS OPENV	EUR	1,2645	1,2645	1,2645			1,2645					
Certificate	NL0013084593	SP500 2930TRSOPENH	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	NL0012987564	SP500 2937BS OPENB	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	NL0012552368	SP500 2938TS OPENH	EUR	2,3500	2,3500	2,3500			2,3500					
Certificate	NL0013006497	SP500 2940TS OPENB	EUR	17,6400	17,6400	17,6400			17,6400					
Certificate	DE000CE6FOU9	SP500 2945TS OPENZ	EUR	1,2850	1,5050	1,2850			1,5050					
Certificate	NL0012893028	SP500 2949TRSOPENH	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	DE000CJ3N1V7	SP500 2950TS 1218Z	EUR	1,3050	1,5250	1,3050			1,5250					
Certificate	NL0012563506	SP500 2958TS OPENH	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	NL0012893010	SP500 2959TRSOPENH	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	NL0012676878	SP500 2960TS OPENB	EUR	24,6000	24,6000	24,6000			24,6000					
Certificate	DE000CE6F470	SP500 2976TS OPENZ	EUR	1,5550	1,7650	1,5550			1,7650					
Certificate	NL0012992234	SP500 2977BS OPENB	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	NL0012552350	SP500 2978TS OPENH	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	NL0012245831	SP500 2981TRSOPENH	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	DE000VL61HP3	SP500 2989TS OPENV	EUR	1,4815	1,4815	1,4815			1,4815					
Certificate	NL0012993414	SP500 2990TS OPENB	EUR	27,0400	27,0400	27,0400			27,0400					
Certificate	DE000VA15NU0	SP500 2994TS OPENV	EUR	1,7205	1,7205	1,7205			1,7205					
Certificate	NL0012992242	SP500 2997BS OPENB	EUR	3,6600	4,0500	3,6500	139,2000	2	4,0500	35				
Certificate	NL0012552343	SP500 2998TS OPENH	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	NL0012893002	SP500 2999TRSOPENH	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0013003197	SP500 3000TS OPENB	EUR	21,3700	22,7900	21,3700	2137,0000	1	22,7900	100				
Certificate	DE000CQ5B808	SP500 3000TS OPENC	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	DE000CY5ZF59	SP500 3000TS OPENC	EUR	1,2600	1,4500	1,2200	1506,0000	3	1,4500	1200				
Certificate	DE000CE6FD31	SP500 3005TS OPENZ	EUR	1,8050	2,0250	1,8050			2,0250					
Certificate	LU1756869597	SP500 3008TPIOPENS	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	NL0012893507	SP500 3010TRSOPENH	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	NL0012850697	SP500 3011TRSOPENH	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	NL0011420484	SP500 3012TS OPENH	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	NL0013001027	SP500 3017BS OPENB	EUR	4,4100	4,4100	4,4100			4,4100					
Certificate	NL0012892996	SP500 3029TRSOPENH	EUR	2,2100	2,2100	2,2100			2,2100					
Certificate	NL0012850689	SP500 3035TRSOPENH	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	DE000CV4YQW2	SP500 3036TS OPENZ	EUR	2,0750	2,2950	2,0750			2,2950					
Certificate	NL0012555296	SP500 3038TS OPENH	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	DE000VA2T8N3	SP500 3038TS OPENV	EUR	2,1445	2,1445	2,1445			2,1445					
Certificate	DE000CV8ACG6	SP500 3050TS 1218Z	EUR	2,1750	2,3950	2,1750			2,3950					
Certificate	NL0012563498	SP500 3058TS OPENH	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	NL0012850671	SP500 3060TRSOPENH	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	DE000CV4YQV4	SP500 3066TS OPENZ	EUR	2,3350	2,5550	2,3350	30258,0000	1	2,5550	12300				
Certificate	DE000VA4YR16	SP500 3083TS OPENV	EUR	2,5360	2,5735	2,5315	139,7000	2	2,5735	55				
Certificate	NL0012850663	SP500 3085TRSOPENH	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	NL0012894042	SP500 3093TS OPENH	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	DE000CV4YX55	SP500 3096TS OPENZ	EUR	2,5950	2,8150	2,5950			2,8150					
Certificate	LU1817097584	SP500 3100TPIOPENS	EUR	2,7700	2,7700	2,7700			2,7700					



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	DE000CV52SA4	SP500 3100TS OPENC	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	NL0012894588	SP500 3114TS OPENH	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	DE000CV423J8	SP500 3127TS OPENZ	EUR	2,8650	3,0850	2,8650								
Certificate	DE000VA4Y1W0	SP500 3131TS OPENV	EUR	3,0075	3,0075	3,0075			3,0075					
Certificate	NL0012894034	SP500 3133TS OPENH	EUR	4,1100	4,1100	4,1100			4,1100					
Certificate	NL0012517874	SP500 3134TRSOPENH	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	DE000CV8ACH4	SP500 3150TS 1218Z	EUR	3,0450	3,2900	3,0450	223,7200	1	3,2650	68				
Certificate	DE000VASRM84	SP500 3152TS OPENV	EUR	3,2265	3,2265	3,2265			3,2265					
Certificate	NL0012897714	SP500 3155TS OPENH	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	DE000CV424M0	SP500 3158TS OPENZ	EUR	3,1350	3,3550	3,1350			3,3550					
Certificate	NL0012850655	SP500 3160TRSOPENH	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	NL0012676886	SP500 3160TS OPENB	EUR	42,5300	42,5300	42,5300			42,5300					
Certificate	NL0013003924	SP500 3170TS OPENB	EUR	37,5700	37,5700	37,5700			37,5700					
Certificate	NL0012517668	SP500 3171TS OPENH	EUR	4,4500	4,4500	4,4500			4,4500					
Certificate	NL0012850648	SP500 3185TRSOPENH	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	DE000CV429U2	SP500 3187TS OPENZ	EUR	3,3850	3,6150	3,3850			3,6150					
Certificate	DE000CV51B88	SP500 3200TS OPENC	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	DE000CP061T2	SP500 3200TS OPENC	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	DE000CV52392	SP500 3200TS OPENC	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	DE000CP063K7	SP500 3200TS OPENC	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	DE000VA6D4D7	SP500 3200TS OPENV	EUR	3,6605	3,6605	3,6605			3,6605					
Certificate	NL0012850630	SP500 3210TRSOPENH	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	DE000CV42CB3	SP500 3218TS OPENZ	EUR	3,6550	3,8750	3,6550			3,8750					
Certificate	NL0012850622	SP500 3234TRSOPENH	EUR	3,9900	3,9900	3,9900			3,9900					
Certificate	DE000CV42J11	SP500 3249TS OPENZ	EUR	3,9250	4,1450	3,9250			4,1450					
Certificate	NL0012546337	SP500 3277TRSOPENH	EUR	4,3600	4,3600	4,3600			4,3600					
Certificate	DE000CV42L17	SP500 3279TS OPENZ	EUR	4,1950	4,4150	4,1950			4,4150					
Certificate	NL0012677447	SP500 3284BS OPENB	EUR	9,0500	9,0500	9,0500			9,0500					
Certificate	NL0012538011	SP500 3296TS OPENH	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	NL0012850614	SP500 3309TRSOPENH	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	DE000CV42PH2	SP500 3310TS OPENZ	EUR	4,4550	4,6750	4,4550			4,6750					
Certificate	LU1840349218	SP500 3314TPIOPENS	EUR	4,6800	4,6800	4,6800			4,6800					
Certificate	NL0012850606	SP500 3334TRSOPENH	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	DE000CV42PJ8	SP500 3340TS OPENZ	EUR	4,7250	4,9450	4,7250			4,9450					
Certificate	DE000CV8ACJ0	SP500 3350TS 1218Z	EUR	4,7850	5,0000	4,7850			5,0000					
Certificate	NL0012850598	SP500 3359TRSOPENH	EUR	5,0700	5,0700	5,0700			5,0700					
Certificate	NL0013003932	SP500 3370TS OPENB	EUR	54,9900	54,9900	54,9900			54,9900					
Certificate	DE000CV8BAY1	SP500 3370TS OPENZ	EUR	4,9750	5,2000	4,9750			5,2000					
Certificate	NL0012550636	SP500 3400TRSOPENH	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	DE000CV52F67	SP500 3400TS OPENC	EUR	4,9000	4,9000	4,9000			4,9000					
Certificate	DE000CQ5BJP3	SP500 3400TS OPENC	EUR	5,6400	5,6400	5,6400			5,6400					
Certificate	DE000CV8BAZ8	SP500 3400TS OPENZ	EUR	5,2400	5,4600	5,2400			5,4600					
Certificate	NL0012676894	SP500 3410TS OPENB	EUR	64,9500	64,9500	64,9500			64,9500					
Certificate	NL0012550115	SP500 3430TS OPENH	EUR	6,7800	6,7800	6,7800			6,7800					
Certificate	DE000CV8BB05	SP500 3430TS OPENZ	EUR	5,5000	5,7200	5,5000			5,7200					
Certificate	NL0012850580	SP500 3458TRSOPENH	EUR	5,9400	5,9400	5,9400			5,9400					
Certificate	NL0012866065	SP500 3491TRSOPENH	EUR	6,2200	6,2200	6,2200			6,2200					
Certificate	NL0012557284	SP500 3527TRSOPENH	EUR	6,5300	6,5300	6,5300			6,5300					
Certificate	DE000CV8AEU3	SP500 3550TS 1218Z	EUR	6,5100	6,7300	6,5100			6,7300					
Certificate	DE000CV87XP4	SP500 3552TS OPENZ	EUR	6,5600	6,7800	6,5600			6,7800					
Certificate	NL0012559470	SP500 3555TS OPENH	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	NL0012552335	SP500 3557TS OPENH	EUR	7,9300	7,9300	7,9300			7,9300					
Certificate	DE000CV52582	SP500 3600TS OPENC	EUR	6,6100	6,6100	6,6100			6,6100					
Certificate	NL0012561567	SP500 3648TRSOPENH	EUR	7,5900	7,5900	7,5900			7,5900					
Certificate	NL0012850572	SP500 3707TRSOPENH	EUR	8,1000	8,1000	8,1000			8,1000					
Certificate	NL0012894570	SP500 3714TS OPENH	EUR	9,3500	9,3500	9,3500			9,3500					
Certificate	DE000CJ3NU16	SP500 3750TS 1218Z	EUR	8,2400	8,4700	8,2400			8,4700					
Certificate	NL0012850564	SP500 3757TRSOPENH	EUR	8,5400	8,5400	8,5400			8,5400					
Certificate	DE000CJ3NQT9	SP500 3792TS OPENZ	EUR	8,6500	8,8700	8,6500			8,8700					
Certificate	NL0012850556	SP500 3807TRSOPENH	EUR	8,9700	8,9700	8,9700			8,9700					
Certificate	NL0012850549	SP500 3856TRSOPENH	EUR	9,4000	9,4000	9,4000			9,4000					
Certificate	NL0012850531	SP500 3906TRSOPENH	EUR	9,8400	9,8400	9,8400			9,8400					
Certificate	NL0012850523	SP500 3956TRSOPENH	EUR	10,2700	10,2700	10,2700			10,2700					
Certificate	NL0012910236	SP500 4015TRSOPENH	EUR	10,7900	10,7900	10,7900			10,7900					
Certificate	NL0012910228	SP500 4064TRSOPENH	EUR	11,2200	11,2200	11,2200			11,2200					
Certificate	NL0010108254	SPBNK122.6TL OPENB	EUR	18,3200	18,3200	18,3200			18,3200					
Certificate	NL0010225637	SPHOM 389TL OPENB	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	DE000CQ5AGF2	SPOTF 110TL OPENC	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	DE000CQ5AGK2	SPOTF 110TL OPENC	EUR	4,1100	4,1100	4,1100			4,1100					
Certificate	DE000CJ3N4K4	SPOTF 115TL 1218Z	EUR	3,2750	3,2750	3,2750			3,2750					
Certificate	DE000CQ5AGL0	SPOTF 120TL OPENC	EUR	3,2800	3,2800	3,2800			3,2800					
Certificate	DE000CQ5AGG0	SPOTF 120TL OPENC	EUR	2,4700	2,4700	2,4700			2,4700					



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	DE000CJ3NPF0	SPOTF 130TL 1218Z	EUR	1,9850	1,9850	1,9850			1,9850					
Certificate	DE000CQ5AGM8	SPOTF 130TL OPENC	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000CQ5AGH8	SPOTF 130TL OPENC	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	DE000CJ3N1T1	SPOTF 140TL 1218Z	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	DE000CQ5AGN6	SPOTF 140TL OPENC	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	DE000CQ5AGJ4	SPOTF 140TL OPENC	EUR	1,2500	1,2500	0,6900	2463,4000	2	0,6900	2020				
Certificate	DE000CJ3BP4	SPOTF 150TL 1218Z	EUR											
Certificate	DE000CQ580Q6	SPOTF 150TL OPENC	EUR											
Certificate	DE000CP07AA4	SPOTF 150TL OPENC	EUR											
Certificate	DE000CQ583K3	SPOTF 150TL OPENC	EUR											
Certificate	DE000CP06X89	SPOTF 150TL OPENC	EUR											
Certificate	DE000CP07AB2	SPOTF 170TS OPENC	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	DE000CP06X97	SPOTF 170TS OPENC	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	DE000CP06XA8	SPOTF 180TS OPENC	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	DE000CP07AC0	SPOTF 180TS OPENC	EUR	3,8200	3,8200	3,8200			3,8200					
Certificate	DE000CP06XB6	SPOTF 190TS OPENC	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	DE000CP07AD8	SPOTF 190TS OPENC	EUR	4,7600	4,7600	4,7600			4,7600					
Certificate	NL0012971972	SPOTF 203TS OPENB	EUR	5,9600	5,9600	5,9600			5,9600					
Certificate	DE000CV89AY0	SPOTF102.9TL OPENZ	EUR	4,2450	4,2450	4,2450			4,2450					
Certificate	NL0013009764	SPOTF112.6TL OPENB	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	NL0012780340	SPOTF118.5TL OPENB	EUR	4,2300	4,2900	3,5700	719,1000	1	3,5700	170				
Certificate	DE000CV899D1	SPOTF123.2TL OPENZ	EUR	2,4950	2,4950	2,4950			2,4950					
Certificate	NL0013008774	SPOTF124.1BL OPENB	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	NL0012779904	SPOTF124.4TL OPENB	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	NL0013006158	SPOTF134.1BL OPENB	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	NL0012779920	SPOTF136.9TL OPENB	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	DE000CV899E9	SPOTF143.4TL OPENZ	EUR	0,7850	0,7850	0,7850			0,7850					
Certificate	NL0012779938	SPOTF143.7TL OPENB	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	NL0012996102	SPOTF144.1BL OPENB	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	NL0013005861	SPOTF150.4TL OPENB	EUR											
Certificate	NL0013011752	SPOTF150.9TL OPENB	EUR											
Certificate	NL0013012032	SPOTF154.1BL OPENB	EUR											
Certificate	DE000CJ3PDB0	SPOTF158.4TL OPENZ	EUR											
Certificate	NL0013012867	SPOTF158.5TL OPENB	EUR											
Certificate	NL0013009103	SPOTF162.3BS OPENB	EUR											
Certificate	NL0013010291	SPOTF163.3TS OPENB	EUR											
Certificate	NL0013005648	SPOTF175.6TS OPENB	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	NL0013004823	SPOTF182.3BS OPENB	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	NL0012995930	SPOTF188.8TS OPENB	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	NL0012979025	SPOTF202.3BS OPENB	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	NL0012979769	SPOTF222.2BS OPENB	EUR	6,3800	6,3800	6,3800			6,3800					
Certificate	DE000VN61ZE5	SPX LEVOPENV	EUR	17,7850	17,7850	17,7850			17,7850					
Certificate	DE000VN61ZF2	SPX LEVOPENV	EUR	10,7800	10,7800	10,7800			10,7800					
Certificate	DE000VN61ZD7	SPX LEVOPENV	EUR	20,0650	20,0650	20,0650			20,0650					
Certificate	DE000VN61ZG0	SPX SHROPEV	EUR	0,6860	0,6860	0,6860			0,6860					
Certificate	DE000VA1ZHU0	SPX SHROPEV	EUR	1,5450	1,5450	1,5450			1,5450					
Certificate	DE000VN61ZJ4	SPX SHROPEV	EUR	0,0170	0,0170	0,0170			0,0170					
Certificate	DE000VN61ZH8	SPX SHROPEV	EUR	0,1300	0,1300	0,1300			0,1300					
Certificate	DE000CP06Y39	SQ 60TL OPENC	EUR	1,4700	1,4700	1,3300	73,5000	1	1,3300	50				
Certificate	DE000CP06Y47	SQ 65TL OPENC	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	DE000CP06Y54	SQ 70TL OPENC	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	DE000CP06Y62	SQ 80TS OPENC	EUR											
Certificate	DE000CP06Y70	SQ 85TS OPENC	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000CP06Y88	SQ 90TS OPENC	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000CR6YAY3	SRENH65.22TL OPENZ	EUR	2,1650	2,1650	2,1650			2,1650					
Certificate	DE000CR6YAZ0	SRENH72.08TL OPENZ	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	DE000CE6C295	SRENH79.75TL OPENZ	EUR	0,8950	0,8950	0,8950			0,8950					
Certificate	DE000CV50335	SRGMI 2.77TL OPENZ	EUR	0,9650	0,9650	0,9650			0,9650					
Certificate	DE000CV4Z001	SRGMI 3.25TL OPENZ	EUR	0,5150	0,5150	0,5150			0,5150					
Certificate	DE000CV8BDV1	SSE 7.648TL OPENZ	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	DE000CN6HTF1	SSE 9.656TL OPENZ	EUR	0,1850	0,1850	0,1850			0,1850					
Certificate	DE000CJ3N6U8	SSYS 14.85TL OPENZ	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000CV8ATG0	SSYS 17.35TL OPENZ	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000CV8ATH8	SSYS 19.51TL OPENZ	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	DE000CX00QM4	STARB 70TS OPENC	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	DE000CX0HP56	STARB 70TS OPENC	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	DE000CX0HN41	STARB 70TS OPENC	EUR	0,2800	0,2800	0,2800			0,2800					
Certificate	NL0009746890	STARB 13.9TL OPENB	EUR	79,2100	79,2100	79,2100			79,2100					
Certificate	NL0009995968	STARB 17.9TL OPENB	EUR	72,6100	72,6100	72,6100			72,6100					
Certificate	NL0010893178	STARB 35.7TL OPENB	EUR	43,7900	43,7900	43,7900			43,7900					
Certificate	NL0010906616	STARB 39.6TL OPENB	EUR	37,4100	37,4100	37,4100			37,4100					
Certificate	NL0013010309	STARB 58.3TS 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	NL001277288	STAR8 58.9TS OPENB	EUR											
Certificate	NL0011251293	STAR8 63.3TS OPENB	EUR	8,8800	8,8800	8,8800			8,8800					
Certificate	NL0013008030	STAR8 68.3TS OPENB	EUR	13,5000	13,5000	13,5000			13,5000					
Certificate	DE000CC60DD9	STAR840.26TL OPENC	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	FR0013123767	STD1 SHROPENS	EUR											
Certificate	NL0010131413	STGOB 20.4TL OPENB	EUR	1,3750	1,3750	1,3750			1,3750					
Certificate	DE000CV89K37	STGOB26.26TL OPENZ	EUR	0,6150	0,6150	0,6150			0,6150					
Certificate	DE000CR9NX44	STGOB31.28TL OPENZ	EUR	0,1800	0,1800	0,1150	75,0000	2	0,1150	500				
Certificate	DE000CE6BFJ6	STMIC 12.6TL OPENZ	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	DE000CD64F01	STMIC10.58TL OPENZ	EUR	3,7200	3,7200	3,7200			3,7200					
Certificate	XS1093252101	STN BASK0523	EUR											
Certificate	NL0012905459	STOXB 112.TRSOPENH	EUR	0,1200	0,1200	0,1200			0,1200					
Certificate	NL0012937148	STOXB 114.TRSOPENH	EUR	0,1400	0,1400	0,1400			0,1400					
Certificate	NL0012934103	STOXB 126.TS OPENH	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	NL0012914287	STOXB 95.1TRLOPENH	EUR	0,0500	0,0500	0,0500			0,0500					
Certificate	NL0013083017	STOXB 97.4TL OPENH	EUR	0,0400	0,0400	0,0400			0,0400					
Certificate	NL0012914634	STOXB100.1TL OPENH	EUR											
Certificate	NL0012914279	STOXB100.1TRLOPENH	EUR											
Certificate	NL0012906820	STOXB107.1TRSOPEH	EUR	0,0700	0,0700	0,0700			0,0700					
Certificate	NL0012906903	STOXB107.1TS OPENH	EUR	0,1000	0,1000	0,1000			0,1000					
Certificate	NL0012936504	STOXB113.9TS OPENH	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	NL0012935092	STOXB116.3TRSOPEH	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	NL0012901060	STOXB116.9TS OPENH	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	NL0012914212	STOXB117.7TRSOPEH	EUR	0,1800	0,1800	0,1800			0,1800					
Certificate	NL0012914592	STOXB117.7TS OPENH	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	NL0012914204	STOXB120.2TRSOPEH	EUR	0,2000	0,2000	0,2000	200,0000	1	0,2000	1000				
Certificate	NL0012914584	STOXB120.2TS OPENH	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	NL0012914196	STOXB122.6TRSOPEH	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	NL0012914576	STOXB122.7TS OPENH	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	NL0012914188	STOXB127.6TRSOPEH	EUR	0,2800	0,2800	0,2800			0,2800					
Certificate	NL0012914568	STOXB127.6TS OPENH	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	NL0012914170	STOXB132.5TRSOPEH	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	NL0012914162	STOXB137.5TRSOPEH	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	NL0012914550	STOXB137.5TS OPENH	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	NL0012914154	STOXB142.4TRSOPEH	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	NL0012914147	STOXB147.4TRSOPEH	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	NL0012914543	STOXB147.4TS OPENH	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	NL0012914295	STOXB90.06TRLOPEH	EUR	0,1200	0,1200	0,1000	3300,0000	3	0,1000	30000				
Certificate	XS1237141483	STOXX STN0820K	EUR											
Certificate	DE000CN6HPF9	STOXX 245.TL OPENZ	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CJ3NSW6	STOXX 381.TS OPENZ	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	DE000CE6C2R4	STOXX 428.TS OPENZ	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	DE000CV4ZB68	STOXX 487.TS OPENZ	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	DE000CN6JFU5	STOXX210.8TL OPENZ	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	DE000CN6HPG7	STOXX227.4TL OPENZ	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	DE000CN6F3T6	STOXX262.6TL OPENZ	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CN6F792	STOXX283.5TL OPENZ	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	DE000CD61T73	STOXX299.9TL OPENZ	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	DE000CD63NS1	STOXX317.3TL OPENZ	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	DE000CD644F8	STOXX335.5TL OPENZ	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	DE000CV888S2	STOXX356.1TL OPENZ	EUR	0,0900	0,0900	0,0890	134,5000	3	0,0900	1500				
Certificate	DE000CD647U0	STOXX400.6TS OPENZ	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	DE000CE6DJ07	STOXX457.5TS OPENZ	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	NL0009996479	SUEZE 3.96TL OPENB	EUR	0,9150	0,9150	0,9150			0,9150					
Certificate	NL0012263396	SUEZE16.67TS OPENB	EUR	5,0400	5,2200	5,0400			5,2200					
Certificate	NL0012275721	SUEZE17.66TS OPENB	EUR	6,1100	6,2900	6,1100			6,2900					
Certificate	DE000CJ3NXQ1	SUGAR0.085TL OPENZ	EUR	4,6850	4,8250	4,6850			4,8250					
Certificate	DE000CV89YK9	SUGAR0.095TL OPENZ	EUR	3,8550	3,9950	3,8550			3,9950					
Certificate	NL0012614176	SUGAR0.104TL OPENH	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	DE000CJ3NXR9	SUGAR0.105TL OPENZ	EUR	2,9800	3,1150	2,9800			3,1150					
Certificate	DE000CJ3N0M8	SUGAR0.115TL OPENZ	EUR	2,1300	2,3000	2,1300	1380,0000	1	2,2650	600				
Certificate	DE000CV89SM7	SUGAR0.134TS OPENZ	EUR											
Certificate	NL0012614069	SUGAR0.139TS OPENH	EUR											
Certificate	DE000CJ3NXT5	SUGAR0.144TS OPENZ	EUR	0,8900	0,8900	0,7550			0,7550					
Certificate	NL0012614051	SUGAR0.149TS OPENH	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	DE000CV87ZA1	SUGAR0.154TS OPENZ	EUR	1,7600	1,7600	1,6250			1,6250					
Certificate	NL0012614044	SUGAR0.159TS OPENH	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	DE000CJ3N0N6	SUGAR0.164TS OPENZ	EUR	2,6250	2,6250	2,4950			2,4950					
Certificate	DE000CE6DRY6	SUGAR0.174TS OPENZ	EUR	3,5000	3,6650	3,3750	987,5000	2	3,3750	280				
Certificate	NL0012614036	SUGAR0.209TS OPENH	EUR	7,9400	7,9400	7,9400			7,9400					
Certificate	NL0011931399	SUGAR0.251TS OPENH	EUR	12,0100	12,0100	12,0100			12,0100					
Certificate	NL0011931381	SUGAR0.253TS OPENH	EUR	12,1900	12,1900	12,1900			12,1900					



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	NL0010382701	SVT 1280TL OPENB	EUR	8,1000	8,1000	8,0600	10125,0000	1	8,0600	1250				
Certificate	DE000CD61PJ6	SWATC226.4TL OPENZ	EUR	9,2550	9,2550	9,2550			9,2550					
Certificate	DE000CN6H608	SWATC257.2TL OPENZ	EUR	6,5650	6,5650	6,5650			6,5650					
Certificate	DE000CD63922	SWATC289.2TL OPENZ	EUR	3,7950	3,7950	3,7950			3,7950					
Certificate	DE000CD64D78	SWATC326.7TL OPENZ	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	CH0025955326	SK4E PI OPENU	EUR											
Certificate	DE000VN61ZL0	SK5E LEVOPENV	EUR	2,8150	2,8150	2,8150			2,8150					
Certificate	DE000VN61ZK2	SK5E LEVOPENV	EUR	5,9150	5,9150	5,9150			5,9150					
Certificate	DE000VN61ZM8	SK5E LEVOPENV	EUR	0,8470	0,8470	0,8470			0,8470					
Certificate	DE000VN61ZP1	SK5E SHROPENV	EUR	0,7830	0,7830	0,7830			0,7830					
Certificate	DE000VN61ZQ9	SK5E SHROPENV	EUR	0,1180	0,1380	0,1160	11,8000	1	0,1380	100				
Certificate	DE000VA54521	SK5E SHROPENV	EUR	14,0000	14,0000	14,0000			14,0000					
Certificate	DE000VN61ZN6	SK5E SHROPENV	EUR	3,1100	3,1100	3,1100			3,1100					
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	28,2900	28,2900	28,2900			28,2900					
Certificate	CH0025957678	SKRE PI OPENU	EUR											
Certificate	CH0025955383	SKTE PI OPENU	EUR											
Certificate	DE000CV42RK2	SY1G 51.69TL OPENZ	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	DE000CV4YXU2	SY1G 58.68TL OPENZ	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	DE000CV89G66	SY1G 68.65TL OPENZ	EUR	0,1750	0,1750	0,1750			0,1750					
Certificate	DE000CJ3N2B7	TATA 10.07TL OPENZ	EUR	0,3250	0,3250	0,3250			0,3250					
Certificate	DE000CV8AWQ3	TATA 11.08TL OPENZ	EUR	0,1550	0,1550	0,1550			0,1550					
Certificate	DE000CJ3N2C5	TATA 12.06TL OPENZ	EUR											
Certificate	DE000CJ3N500	TATA 7.567TL OPENZ	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	NL0006217150	TBOND 99.9TL OPENB	EUR	35,7400	35,7400	35,7400			35,7400					
Certificate	NL0010658696	TBOND134.1TL OPENB	EUR	6,7500	6,7500	6,7500			6,7500					
Certificate	NL0010148979	TBOND152.5TS OPENA	EUR											
Certificate	DE000CR9PUA3	TECDX 1540TL OPENZ	EUR	11,5500	11,5500	11,2100			11,2100					
Certificate	DE000CR9PRJ0	TECDX 1645TL OPENZ	EUR	10,4900	10,4900	10,1500			10,1500					
Certificate	DE000CD629M5	TECDX 1747TL OPENZ	EUR	9,4700	9,4700	9,1300			9,1300					
Certificate	DE000CD645Y6	TECDX 1848TL OPENZ	EUR	8,4600	8,4600	8,1200			8,1200					
Certificate	DE000CE6BLT3	TECDX 1948TL OPENZ	EUR	7,4600	7,4600	7,1200			7,1200					
Certificate	DE000CE6C2F9	TECDX 2048TL OPENZ	EUR	6,4600	6,4600	6,1200			6,1200					
Certificate	DE000CE6CMA9	TECDX 2148TL OPENZ	EUR	5,4700	5,4700	5,1300			5,1300					
Certificate	DE000CE6D8D0	TECDX 2247TL OPENZ	EUR	4,4700	4,4700	4,1400			4,1400					
Certificate	DE000CE6ERB2	TECDX 2347TL OPENZ	EUR	3,4800	3,4800	3,1400			3,1400					
Certificate	DE000CE6F0S8	TECDX 2446TL OPENZ	EUR	2,4900	2,4900	2,1600			2,1600					
Certificate	DE000CJ3N4H0	TECDX 2690TS OPENZ	EUR											
Certificate	DE000CJ3N005	TECDX 2889TS OPENZ	EUR	2,1600	2,5000	2,1600			2,5000					
Certificate	DE000CV4Z9P2	TECDX 3089TS OPENZ	EUR	4,1600	4,5000	4,1600			4,5000					
Certificate	DE000CV4ZN15	TECDX 3215TS OPENZ	EUR	5,4100	5,7500	5,4100			5,7500					
Certificate	DE000CV8B4M4	TECDX 3415TS OPENZ	EUR	7,4200	7,7500	7,4200			7,7500					
Certificate	DE000CV890H1	TECDX 3613TS OPENZ	EUR	9,4000	9,7400	9,4000			9,7400					
Certificate	DE000CV89K60	TELEN 32.8TL OPENZ	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	NL0012796643	TELEN 47.5B0C0919Z	EUR	44,9100	44,9100	44,9100			44,9100					
Certificate	NL0012796650	TELEN 47.5B0C1219Z	EUR	44,8100	44,8100	44,8100			44,8100					
Certificate	DE000CV89K45	TELEN19.71TL OPENZ	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	DE000CV89937	TELEN24.74TL OPENZ	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	DE000CV89K52	TELEN27.78TL OPENZ	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	DE000CV89135	TELEN29.79TL OPENZ	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	NL0012995468	TELEN35.64BL OPENB	EUR	1,3450	1,3450	1,2950			1,2950					
Certificate	DE000CV8AJ99	TELEN36.77TL OPENZ	EUR	1,1100	1,1100	1,0800	1555,1100	3	1,0800	1401				
Certificate	NL0012992887	TELEN37.64BL OPENB	EUR	1,1450	1,1450	1,0800	3240,0000	1	1,0950	3000				
Certificate	NL0012992895	TELEN39.65BL OPENB	EUR	0,9450	0,9450	0,8850			0,8850					
Certificate	DE000CJ3NXB3	TELEN40.05TL OPENZ	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	NL0013004401	TELEN41.66BL OPENB	EUR	0,7450	0,7450	0,6850			0,6850					
Certificate	NL0013011372	TELEN43.66BL OPENB	EUR	0,5450	0,5450	0,4850			0,4850					
Certificate	DE000CJ3PA75	TELEN44.55TL OPENZ	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	NL0013012040	TELEN45.66BL OPENB	EUR	0,3450	0,3450	0,2850			0,2850					
Certificate	DE000CV88KR5	TELEN47.02TS OPENZ	EUR											
Certificate	NL0012993125	TELEN47.96BS OPENB	EUR											
Certificate	NL0012997688	TELEN51.94BS OPENB	EUR	0,4450	0,5050	0,4450	2125,0000	1	0,4850	4250				
Certificate	DE000CV88KS3	TELEN51.99TS OPENZ	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	NL0013012081	TELEN55.94BS OPENB	EUR	0,8450	0,8850	0,8450			0,8850					
Certificate	DE000CE6BY14	TELEN56.98TS OPENZ	EUR	0,9600	0,9700	0,9600	576,0000	1	0,9700	600				
Certificate	NL0012976922	TELFO 4.6TL OPENB	EUR	2,8250	2,8250	2,8250			2,8250					
Certificate	NL0012497721	TELFO 5.6TL OPENB	EUR	1,9150	1,9150	1,9150			1,9150					
Certificate	NL0011535992	TELFO 6.5TL OPENB	EUR	1,0150	1,0150	0,9700	970,0000	1	0,9850	1000				
Certificate	NL0012791974	TELFO 8.1TS OPENB	EUR	1,7750	1,7750	1,7750			1,7750					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011522313	TELF0 10.1TS OPENB	EUR	3,9650	3,9650	3,9650			3,9650					
Certificate	DE000CV89C29	TELF04.591TL OPENZ	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	DE000CV507T6	TELF05.604TL OPENZ	EUR	1,3000	1,3000	1,2800	4550,0000	1	1,2800	3500				
Certificate	DE000CV4ZUT7	TELF06.109TL OPENZ	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	DE000CV89P81	TELF07.884TS OPENZ	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	DE000CE6FJH3	TELF08.883TS OPENZ	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	DE000CE6DTB0	TELF09.979TS OPENZ	EUR	3,1300	3,1300	3,1300			3,1300					
Certificate	DE000CN6EQJ6	TESB 24.77L OPENZ	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	DE000CN6HGM4	TESB 21.21TL OPENZ	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	DE000CN6HEB2	TESB 22.93TL OPENZ	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CN6JU23	TESB 26.22TL OPENZ	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000CN6JW84	TESB 27.79TL OPENZ	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000CN6JW92	TESB 29.36TL OPENZ	EUR	0,2200	0,2200	0,2200			0,2200					
Certificate	DE000CJ3N666	TESB 32.95TS OPENZ	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	DE000CV87ZK0	TESB 36.45TS OPENZ	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	DE000CE6FJ84	TESB 41.18TS OPENZ	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	DE000CE6EX46	TESB 45.42TS OPENZ	EUR											
Certificate	DE000CV4YV47	TESCO 1.64TL OPENZ	EUR	0,5150	0,5150	0,5150			0,5150					
Certificate	DE000CV87UJ3	TESCO1.438TL OPENZ	EUR	0,7450	0,7450	0,7450			0,7450					
Certificate	DE000CV4YZD3	TESCO1.892TL OPENZ	EUR	0,2350	0,2350	0,2350			0,2350					
Certificate	NL0010381844	TESLA 81TL OPENB	EUR	16,7900	16,7900	16,7900			16,7900					
Certificate	DE000CX593M9	TESLA 175TL OPENC	EUR	6,2300	6,2300	6,2300			6,2300					
Certificate	DE000CJ3N1X3	TESLA 200TL 1218Z	EUR	3,0800	3,0800	2,9650	1078,0000	1	2,9650	350				
Certificate	DE000CP067E1	TESLA 200TL OPENC	EUR	5,7800	5,7800	5,7800			5,7800					
Certificate	DE000CP07B84	TESLA 200TL OPENC	EUR	6,9100	6,9100	6,9100			6,9100					
Certificate	DE000CJ3N6N3	TESLA 215TL 1218Z	EUR	2,3250	2,3250	2,3250			2,3250					
Certificate	DE000CQ58AF3	TESLA 220TL OPENC	EUR	4,8100	4,8100	4,8100			4,8100					
Certificate	DE000CQ581D2	TESLA 220TL OPENC	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	DE000CV8AD38	TESLA 230TL 1218Z	EUR	1,6950	1,6950	1,6950			1,6950					
Certificate	DE000CV8B1E7	TESLA 240TL 0319Z	EUR	1,2650	1,2650	1,2650			1,2650					
Certificate	DE000CQ5ALD7	TESLA 240TL OPENC	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	DE000CP07B92	TESLA 240TL OPENC	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	DE000CP06UT4	TESLA 240TL OPENC	EUR	2,7200	2,7200	2,4200	1362,7200	1	2,4200	501				
Certificate	DE000CQ5AJ43	TESLA 240TL OPENC	EUR	2,0200	2,0400	1,6400	1792,8700	8	1,7500	1016				
Certificate	DE000CJ3N2G6	TESLA 245TL 1218Z	EUR	1,1500	1,1500	1,0750	115,0000	1	1,0750	100				
Certificate	DE000CJ3PC56	TESLA 260TL 1218Z	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	DE000VA7TD81	TESLA 266TS OPENV	EUR											
Certificate	DE000CP07BA2	TESLA 270TS OPENC	EUR											
Certificate	DE000CP06XW2	TESLA 270TS OPENC	EUR											
Certificate	DE000VA7TCC9	TESLA 271TS OPENV	EUR											
Certificate	DE000CQ5ATR0	TESLA 275TL OPENC	EUR											
Certificate	DE000CQ5AXA8	TESLA 275TL OPENC	EUR											
Certificate	DE000VA7TCG0	TESLA 276TS OPENV	EUR											
Certificate	DE000CP07BB0	TESLA 280TS OPENC	EUR											
Certificate	DE000CP06UU2	TESLA 280TS OPENC	EUR											
Certificate	DE000VA7TCN6	TESLA 281TS OPENV	EUR											
Certificate	DE000VA7PW90	TESLA 286TS OPENV	EUR	1,9595	1,9595	1,9595			1,9595					
Certificate	DE000VA7PXD1	TESLA 291TS OPENV	EUR	2,2220	2,4480	2,1965	1188,4400	3	2,3945	495				
Certificate	DE000VA7PXH2	TESLA 296TS OPENV	EUR	2,8295	2,8295	2,8295			2,8295					
Certificate	DE000CP07BC8	TESLA 300TS OPENC	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	DE000CP06UV0	TESLA 300TS OPENC	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	DE000VA7PVV7	TESLA 301TS OPENV	EUR	3,2760	3,2760	3,2585	98,2800	1	3,2585	30				
Certificate	DE000VA7PVX3	TESLA 306TS OPENV	EUR	3,6935	3,6935	3,6935			3,6935					
Certificate	DE000VA7PQN4	TESLA 311TS OPENV	EUR	4,1265	4,1265	4,1265			4,1265					
Certificate	DE000VA7PQW5	TESLA 316TS OPENV	EUR	4,5615	4,5615	4,5615			4,5615					
Certificate	DE000CP06198	TESLA 320TS OPENC	EUR	4,5700	4,5700	4,5700			4,5700					
Certificate	DE000CP06313	TESLA 320TS OPENC	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	DE000CQ58LJ2	TESLA 325TL OPENC	EUR											
Certificate	DE000CQ58JA5	TESLA 340TL OPENC	EUR											
Certificate	DE000CP06321	TESLA 340TS OPENC	EUR	8,0100	8,0100	8,0100			8,0100					
Certificate	DE000CP061A2	TESLA 340TS OPENC	EUR	6,3000	6,3000	6,3000			6,3000					
Certificate	DE000CQ58LK0	TESLA 360TS OPENC	EUR											
Certificate	DE000CQ58U54	TESLA 360TS OPENC	EUR	7,9500	7,9500	7,9500			7,9500					
Certificate	DE000CQ58W11	TESLA 380TS OPENC	EUR	11,5800	11,5800	11,5800			11,5800					
Certificate	DE000CY51L60	TESLA 380TS OPENC	EUR											
Certificate	DE000CY501D0	TESLA 400TS OPENC	EUR											
Certificate	DE000CY503R6	TESLA 400TS OPENC	EUR											
Certificate	DE000CY507G0	TESLA 420TS OPENC	EUR	10,4400	10,4400	10,4400			10,4400					
Certificate	DE000CQ58JB3	TESLA 420TS OPENC	EUR	14,8200	14,8200	14,8200			14,8200					
Certificate	DE000CY508Q7	TESLA 430TS OPENC	EUR	12,7200	12,7200	12,7200			12,7200					
Certificate	DE000CY507H8	TESLA 430TS OPENC	EUR	11,2400	11,2400	11,2400			11,2400					
Certificate	DE000CY507J4	TESLA 440TS OPENC	EUR	12,0400	12,0400	12,0400			12,0400					



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	DE000CJ3N062	TESLA 159.TL OPENZ	EUR	4,7150	4,7150	4,7150			4,7150					
Certificate	DE000VAGD641	TESLA 217.TL OPENV	EUR	4,4715	4,4715	4,4715			4,4715					
Certificate	DE000VASRM50	TESLA 327.TS OPENV	EUR	5,2100	5,5550	5,1570	6656,0000	3	5,4250	1250				
Certificate	NL0010445813	TESLA115.2TL OPENB	EUR	14,0800	14,0800	14,0800			14,0800					
Certificate	NL0011643895	TESLA136.48L OPENB	EUR	11,7200	11,7200	11,7200			11,7200					
Certificate	NL0011642517	TESLA147.68L OPENB	EUR	10,7500	10,7500	10,7500			10,7500					
Certificate	NL0010524385	TESLA149.8TL OPENB	EUR	11,3400	11,3400	11,3400			11,3400					
Certificate	NL0011651310	TESLA170.4TL OPENB	EUR	9,7200	9,7200	9,7200			9,7200					
Certificate	NL0011650866	TESLA181.18L OPENB	EUR	7,8300	7,8300	7,8300			7,8300					
Certificate	NL0011652805	TESLA181.2TL OPENB	EUR	8,8600	8,8600	8,8600			8,8600					
Certificate	DE000CV8B7H7	TESLA184.1TL OPENZ	EUR	3,6250	3,6250	3,6250			3,6250					
Certificate	NL0012034946	TESLA191.9TL OPENB	EUR	8,0200	8,0200	8,0200			8,0200					
Certificate	DE000VA7TEC5	TESLA197.8TL OPENV	EUR	6,2750	6,2750	6,2750			6,2750					
Certificate	DE000VA7TED3	TESLA200.3TL OPENV	EUR	6,0550	6,0550	6,0550			6,0550					
Certificate	NL0012100507	TESLA202.5TL OPENB	EUR	7,1800	7,1800	7,1800			7,1800					
Certificate	DE000VA7TCP1	TESLA202.8TL OPENV	EUR	5,8250	5,8250	5,8250			5,8250					
Certificate	DE000CV8B7J3	TESLA204.3TL OPENZ	EUR	2,7650	2,7650	2,7650			2,7650					
Certificate	DE000VA7TCQ9	TESLA205.3TL OPENV	EUR	5,6050	5,6050	5,6050			5,6050					
Certificate	DE000VA7TCS5	TESLA207.8TL OPENV	EUR	5,3950	5,3950	5,3950			5,3950					
Certificate	DE000VAG4ZT4	TESLA210.1TL OPENV	EUR	5,1655	5,1655	5,1655			5,1655					
Certificate	DE000VAG4ZU2	TESLA212.6TL OPENV	EUR	4,9465	4,9465	4,9465			4,9465					
Certificate	DE000VA7TA43	TESLA213.3TL OPENV	EUR	5,6550	5,6550	5,6550			5,6550					
Certificate	DE000CJ3N5P0	TESLA214.3TL OPENZ	EUR	2,3450	2,3450	2,3450			2,3450					
Certificate	DE000VAG4ZV0	TESLA215.1TL OPENV	EUR	4,7285	4,7285	4,7285			4,7285					
Certificate	DE000VAGEFS2	TESLA222.4TL OPENV	EUR	4,0915	4,0915	4,0915			4,0915					
Certificate	DE000CV89XC8	TESLA224.3TL OPENZ	EUR	2,0500	2,0500	1,9150	5125,0000	1	1,9150	2500				
Certificate	DE000VA4YXR0	TESLA225.8TL OPENV	EUR	3,6825	3,6825	3,6825			3,6825					
Certificate	DE000VAGD625	TESLA226.7TL OPENV	EUR	4,4195	4,4195	4,4195			4,4195					
Certificate	DE000VAGEFV6	TESLA229.9TL OPENV	EUR	3,4355	3,4355	3,4355			3,4355					
Certificate	DE000VA4YUF1	TESLA230.8TL OPENV	EUR	3,2720	3,4000	3,0955	3131,9800	3	3,0955	944				
Certificate	DE000CV8B8CA7	TESLA234.5TL OPENZ	EUR	1,4850	1,4850	1,4850			1,4850					
Certificate	DE000VA4YX18	TESLA235.1TL OPENV	EUR	3,5795	3,5795	3,5795			3,5795					
Certificate	DE000VA4YUG9	TESLA235.8TL OPENV	EUR	2,7830	2,8870	2,5000	13152,6100	4	2,6115	5030				
Certificate	DE000VA4YXQ2	TESLA240.1TL OPENV	EUR	3,2855	3,2855	3,2855			3,2855					
Certificate	DE000VAGEFZ7	TESLA242.4TL OPENV	EUR	2,3435	2,3435	2,3435			2,3435					
Certificate	DE000CV89XB0	TESLA244.5TL OPENZ	EUR	1,2200	1,2200	1,0750	488,0000	1	1,0750	400				
Certificate	DE000VAG32658	TESLA245.3TL OPENV	EUR	1,9015	1,9015	1,9015			1,9015					
Certificate	DE000VA71PV6	TESLA250.4TL OPENV	EUR	1,7105	1,7105	1,7105			1,7105					
Certificate	DE000VA7THQ8	TESLA251.7TL OPENV	EUR	2,5970	2,5970	2,4865	389,5500	1	2,4865	150				
Certificate	DE000VA71PW4	TESLA252.9TL OPENV	EUR	1,5325	1,5325	1,5325			1,5325					
Certificate	DE000CJ3N2A9	TESLA254.1TL OPENZ	EUR											
Certificate	DE000VA71WW0	TESLA255.4TL OPENV	EUR	1,3755	1,3755	1,3755			1,3755					
Certificate	DE000VA7TEY9	TESLA258.2TL OPENV	EUR											
Certificate	DE000CJ3PDT2	TESLA259.4TL OPENZ	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	DE000VA71ZC5	TESLA260.4TL OPENV	EUR	1,0625	1,0625	1,0625			1,0625					
Certificate	DE000VA71XW8	TESLA261.7TL OPENV	EUR	1,8205	1,8205	1,8205			1,8205					
Certificate	DE000VA71ZF8	TESLA262.9TL OPENV	EUR	0,7335	0,7335	0,7335			0,7335					
Certificate	DE000VA71PS2	TESLA263.5TL OPENV	EUR											
Certificate	DE000VA71ZH4	TESLA265.4TL OPENV	EUR											
Certificate	DE000VA71ZL6	TESLA267.9TL OPENV	EUR											
Certificate	DE000VA7TEA9	TESLA268.5TL OPENV	EUR											
Certificate	DE000VA71ZP7	TESLA270.4TL OPENV	EUR											
Certificate	DE000VA7TA27	TESLA271.5TL OPENV	EUR											
Certificate	DE000VA71XY4	TESLA271.7TL OPENV	EUR											
Certificate	DE000CJ3N518	TESLA272.8TL OPENZ	EUR											
Certificate	DE000VA7TCE5	TESLA273.5TL OPENV	EUR											
Certificate	DE000VA7TCJ4	TESLA278.5TL OPENV	EUR											
Certificate	DE000VA7PWD3	TESLA281.5TL OPENV	EUR											
Certificate	NL0013006018	TESLA283.2TL OPENB	EUR	3,3000	3,5000	3,2550	37417,0000	8	3,4650	11100				
Certificate	NL0012778336	TESLA283.4TL OPENB	EUR											
Certificate	DE000VA7PW82	TESLA283.5TL OPENV	EUR	1,5670	1,7415	1,4995	3817,2000	5	1,7415	2400				
Certificate	DE000VA7PXB5	TESLA288.5TL OPENV	EUR	2,1775	2,1775	2,1775			2,1775					
Certificate	DE000VA7PWE1	TESLA291.5TL OPENV	EUR	3,6235	3,6235	3,6235			3,6235					
Certificate	DE000VA7PXF6	TESLA293.5TL OPENV	EUR	2,6125	2,6125	2,6125			2,6125					
Certificate	DE000CJ3N237	TESLA297.7TL OPENZ	EUR	1,4650	1,4650	1,4650			1,4650					
Certificate	DE000VA7PKX6	TESLA298.5TL OPENV	EUR	3,0475	3,0475	3,0475			3,0475					
Certificate	DE000VA7PVA1	TESLA301.5TL OPENV	EUR	4,5335	4,5335	4,5335			4,5335					
Certificate	NL0013005655	TESLA303.2TL OPENB	EUR	5,3350	5,3350	5,3350			5,3350					
Certificate	DE000VA7PVW5	TESLA303.5TL OPENV	EUR	3,4765	3,4765	3,4765			3,4765					
Certificate	DE000VA7PVY1	TESLA308.5TL OPENV	EUR	3,9115	3,9115	3,9115			3,9115					
Certificate	DE000VA3TDM5	TESLA309.7TL OPENV	EUR											
Certificate	DE000VA7PPA3	TESLA311.5TL OPENV	EUR	5,4450	5,4450	5,4450			5,4450					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA7PQ53	TESLA313.5TS OPENV	EUR	4,3445	4,3445	4,3445			4,3445					
Certificate	DE000VA3TDN3	TESLA314.7TL OPENV	EUR											
Certificate	DE000VA7PQ07	TESLA318.5TS OPENV	EUR	4,7795	4,7795	4,7795			4,7795					
Certificate	DE000VA3TDP8	TESLA319.7TL OPENV	EUR											
Certificate	DE000VASRQ53	TESLA321.9TS OPENV	EUR	4,9945	4,9945	4,9945			4,9945					
Certificate	DE000VASRQU9	TESLA322.4TS OPENV	EUR	6,3550	6,3550	6,3550			6,3550					
Certificate	DE000CV8B7C8	TESLA322.7TS OPENZ	EUR	2,4500	2,5500	2,4500	3040,0000	2	2,5250	1200				
Certificate	NL001298421	TESLA323.2TS OPENB	EUR	6,9400	7,2150	6,9150	347,0000	1	7,2150	50				
Certificate	DE000VA3TDO6	TESLA324.7TL OPENV	EUR											
Certificate	DE000VASRHW4	TESLA327.4TS OPENV	EUR	6,7850	6,7850	6,7850			6,7850					
Certificate	DE000VA3TKG2	TESLA329.7TL OPENV	EUR											
Certificate	DE000VASRHR4	TESLA332.1TS OPENV	EUR	5,8550	5,8550	5,8550			5,8550					
Certificate	DE000VASRHX2	TESLA332.4TS OPENV	EUR	7,2450	7,2450	7,2450			7,2450					
Certificate	DE000VA3TKH0	TESLA334.7TL OPENV	EUR											
Certificate	DE000VASRHS2	TESLA337.1TS OPENV	EUR	6,2600	6,2800	6,2450	100,4600	2	6,2750	16				
Certificate	DE000VASRHY0	TESLA337.4TS OPENV	EUR	7,7050	7,7050	7,7050			7,7050					
Certificate	DE000VA3TKJ6	TESLA339.7TL OPENV	EUR											
Certificate	DE000VASRG82	TESLA342.1TS OPENV	EUR	6,7150	6,7150	6,7150			6,7150					
Certificate	DE000VASRGU0	TESLA342.4TS OPENV	EUR	8,1450	8,1450	8,1450			8,1450					
Certificate	DE000CV8B0V3	TESLA342.9TS OPENZ	EUR	3,3950	3,3950	3,3950			3,3950					
Certificate	NL001298439	TESLA343.2TS OPENB	EUR	9,0950	9,0950	9,0950			9,0950					
Certificate	DE000VASRGR6	TESLA347.1TS OPENV	EUR	7,0700	7,1450	7,0700	707,0000	1	7,1450	100				
Certificate	DE000VASRGW6	TESLA347.4TS OPENV	EUR	8,6050	8,6050	8,6050			8,6050					
Certificate	DE000VASRGS4	TESLA352.1TS OPENV	EUR	7,5750	7,5750	7,5750			7,5750					
Certificate	DE000VASRFE6	TESLA352.4TS OPENV	EUR	9,0550	9,0550	9,0550			9,0550					
Certificate	DE000VA3TJ97	TESLA353.5TS OPENV	EUR											
Certificate	DE000VA3TKC1	TESLA353.7TS OPENV	EUR											
Certificate	DE000VASRFD8	TESLA357.1TS OPENV	EUR	7,9900	8,0050	7,9900	1598,0000	1	8,0050	200				
Certificate	DE000VASRFF3	TESLA357.4TS OPENV	EUR	9,5150	9,5150	9,5150			9,5150					
Certificate	DE000VA3TKD9	TESLA358.7TS OPENV	EUR											
Certificate	DE000VASRCZ8	TESLA362.1TS OPENV	EUR	8,4350	8,4350	8,4350			8,4350					
Certificate	DE000VASRD69	TESLA362.4TS OPENV	EUR	9,9650	9,9650	9,9650			9,9650					
Certificate	DE000CV8B7D6	TESLA362.6TS OPENZ	EUR	4,2450	4,2450	4,2450			4,2450					
Certificate	NL0012990279	TESLA363.3TS OPENB	EUR	11,9350	11,9350	11,9350			11,9350					
Certificate	DE000VA3TKE7	TESLA363.7TS OPENV	EUR											
Certificate	DE000VASRCC7	TESLA367.1TS OPENV	EUR	8,8650	8,8650	8,8650			8,8650					
Certificate	DE000VASRCF0	TESLA367.4TS OPENV	EUR	10,4150	10,4150	10,4150			10,4150					
Certificate	DE000VASRCD5	TESLA372.1TS OPENV	EUR	9,3050	9,3050	9,3050			9,3050					
Certificate	DE000VASEM89	TESLA372.4TS OPENV	EUR	10,8650	10,8650	10,8650			10,8650					
Certificate	NL0012988547	TESLA372.9BS OPENB	EUR	9,6850	9,6850	9,6850			9,6850					
Certificate	DE000VASEM55	TESLA377.1TS OPENV	EUR	9,7250	9,7250	9,7250			9,7250					
Certificate	DE000VASEM97	TESLA377.4TS OPENV	EUR	11,3150	11,3150	11,3150			11,3150					
Certificate	DE000VASEM63	TESLA382.1TS OPENV	EUR	10,1550	10,1550	10,1550			10,1550					
Certificate	DE000VASENA6	TESLA382.4TS OPENV	EUR	11,7750	11,7750	11,7750			11,7750					
Certificate	NL0012988760	TESLA383.3TS OPENB	EUR	13,8650	13,8650	13,8650			13,8650					
Certificate	DE000VASEM71	TESLA387.1TS OPENV	EUR	10,5950	10,5950	10,5950			10,5950					
Certificate	DE000VA3PXN9	TESLA388.7TS OPENV	EUR	12,2050	12,2050	12,2050			12,2050					
Certificate	NL0012272744	TESLA392.8BS OPENB	EUR	11,1000	11,4250	11,1000	555,0000	1	11,4250	50				
Certificate	DE000CE6DL90	TESLA393.2TS OPENZ	EUR	11,1100	11,1100	11,1100			11,1100					
Certificate	DE000VA3PXP4	TESLA393.7TS OPENV	EUR	12,6550	12,6550	12,6550			12,6550					
Certificate	DE000VA3PW78	TESLA393.7TS OPENV	EUR	11,0250	11,0250	11,0250			11,0250					
Certificate	DE000VA3PXQ2	TESLA398.7TS OPENV	EUR	13,1150	13,1150	13,1150			13,1150					
Certificate	DE000VA3PW86	TESLA398.7TS OPENV	EUR	11,4550	11,4550	11,4550			11,4550					
Certificate	NL0012281497	TESLA403.4TS OPENB	EUR	15,8150	15,8150	15,8150			15,8150					
Certificate	DE000VA3PW94	TESLA403.7TS OPENV	EUR	11,8850	11,8850	11,8850			11,8850					
Certificate	DE000VA3PXR0	TESLA403.7TS OPENV	EUR	13,5650	13,5650	13,5650			13,5650					
Certificate	DE000VA3PXA6	TESLA408.7TS OPENV	EUR	12,3150	12,3150	12,3150			12,3150					
Certificate	DE000VA3PXS8	TESLA408.7TS OPENV	EUR	14,0250	14,0250	14,0250			14,0250					
Certificate	NL0012495162	TESLA412.6BS OPENB	EUR	13,1450	13,1450	13,1450			13,1450					
Certificate	DE000VA3PXB4	TESLA413.7TS OPENV	EUR	12,7450	12,7450	12,7450			12,7450					
Certificate	DE000VA3PXT6	TESLA413.7TS OPENV	EUR	14,4750	14,4750	14,4750			14,4750					
Certificate	DE000VA3PXC2	TESLA418.7TS OPENV	EUR	13,1750	13,1750	13,1750			13,1750					
Certificate	DE000VA3TE27	TESLA418.7TS OPENV	EUR	14,9250	14,9250	14,9250			14,9250					
Certificate	DE000CE6DLA9	TESLA422.5TS OPENZ	EUR	13,6800	13,6800	13,6800			13,6800					
Certificate	NL0012272678	TESLA423.1TS OPENB	EUR	17,7250	17,7250	17,7250			17,7250					
Certificate	DE000VA3TE35	TESLA423.7TS OPENV	EUR	15,3850	15,3850	15,3850			15,3850					
Certificate	DE000VA3PXD0	TESLA423.7TS OPENV	EUR	13,6050	13,6050	13,6050			13,6050					
Certificate	NL0012988232	TESLA425.8TS OPENB	EUR	17,9850	17,9850	17,9850			17,9850					
Certificate	DE000VASEMC4	TESLA427.7TS OPENV	EUR	15,9050	15,9050	15,9050			15,9050					
Certificate	DE000VA3PXE8	TESLA428.7TS OPENV	EUR	14,0350	14,0350	14,0350			14,0350					
Certificate	DE000VASEMD2	TESLA432.7TS OPENV	EUR	16,3650	16,3650	16,3650			16,3650					
Certificate	DE000VASEME0	TESLA437.7TS OPENV	EUR	16,8150	16,8150	16,8150			16,8150					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012272751	TESLA441.98S OPENB	EUR	15,6950	15,6950	15,6950			15,6950					
Certificate	NL0012988240	TESLA445.6TS OPENB	EUR	19,8950	19,8950	19,8950			19,8950					
Certificate	DE000CE6ETU8	TESLA461.5TS OPENZ	EUR	16,7800	17,0900	16,7800	33,5600	1	17,0900		2			
Certificate	DE000CV4Z0U1	TEVA 14.7TL OPENZ	EUR	5,9400	5,9400	5,9400								
Certificate	DE000CE6FKJ7	TEVA 10.01TL OPENZ	EUR	10,0250	10,0250	10,0250			10,0250					
Certificate	DE000CE6FQC9	TEVA 13.16TL OPENZ	EUR	7,2800	7,2800	7,2800								
Certificate	DE000CV4Z423	TEVA 16.22TL OPENZ	EUR	4,6450	4,6450	4,6450			4,6450					
Certificate	DE000CV88Q50	TEVA 18.23TL OPENZ	EUR	2,9250	2,9250	2,9250			2,9250					
Certificate	DE000CV88W91	TEVA 20.25TL OPENZ	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	NL0011997804	THYSS 21.5TL OPENH	EUR											
Certificate	DE000CJ3NQ87	THYSS13.34TL OPENZ	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	NL0011722178	THYSS14.23TL OPENH	EUR	6,9300	6,9300	6,8200			6,8200					
Certificate	NL0011722160	THYSS16.31TL OPENH	EUR	4,9800	4,9800	4,8800			4,8800					
Certificate	DE000CN6KARO	THYSS16.34TL OPENZ	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	NL0011892377	THYSS16.81TL OPENH	EUR	4,5100	4,5100	4,4000			4,4000					
Certificate	DE000CN6KKV1	THYSS17.84TL OPENZ	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	NL0011929526	THYSS18.27TL OPENH	EUR	3,1500	3,1500	3,0400			3,0400					
Certificate	NL0012902456	THYSS19.54TL OPENH	EUR	1,9600	1,9600	1,8500			1,8500					
Certificate	NL0012907216	THYSS21.54TS OPENH	EUR	2,9200	3,0600	2,9200			3,0600					
Certificate	NL0012905889	THYSS22.02TS OPENH	EUR	3,4400	3,5800	3,4400			3,5800					
Certificate	NL0012933881	THYSS23.48TS OPENH	EUR	5,0000	5,1400	5,0000			5,1400					
Certificate	NL0012912125	THYSS24.04TS OPENH	EUR	5,6100	5,7500	5,6100			5,7500					
Certificate	NL0012847248	THYSS24.43TS OPENH	EUR	6,0300	6,1600	6,0300			6,1600					
Certificate	NL0012565642	THYSS24.72TS OPENH	EUR	6,3400	6,4800	6,3400			6,4800					
Certificate	NL0012561997	THYSS25.65TS OPENH	EUR	7,3400	7,4800	7,3400			7,4800					
Certificate	NL0012606768	THYSS26.74TS OPENH	EUR	8,5100	8,6500	8,5100			8,6500					
Certificate	NL0012849467	THYSS26.91TS OPENH	EUR	8,6900	8,8300	8,6900			8,8300					
Certificate	NL0012365878	THYSS27.01TS OPENH	EUR	8,8000	8,9400	8,8000			8,9400					
Certificate	NL0012330575	THYSS27.98TS OPENH	EUR	9,8400	9,9800	9,8400			9,9800					
Certificate	NL0012050520	THYSS28.43TS OPENH	EUR	10,3200	10,4600	10,3200			10,4600					
Certificate	NL0011054325	THYSS29.61TS OPENH	EUR	11,6000	11,7300	11,6000			11,7300					
Certificate	NL0012365860	THYSS32.83TS OPENH	EUR	15,0500	15,1900	15,0500			15,1900					
Certificate	DE000CV88OD1	TKHGR 53.8TS OPENZ	EUR	0,8350	0,8350	0,8350			0,8350					
Certificate	DE000CN6JP75	TKHGR22.31TL OPENZ	EUR	2,3550	2,3550	2,3550			2,3550					
Certificate	DE000CN6HMH2	TKHGR23.95TL OPENZ	EUR	2,1950	2,1950	2,1950			2,1950					
Certificate	DE000CR9RGW2	TKHGR27.83TL OPENZ	EUR	1,8050	1,8050	1,8050			1,8050					
Certificate	DE000CN6JRG9	TKHGR29.39TL OPENZ	EUR	1,6450	1,6450	1,6450			1,6450					
Certificate	DE000CD625M3	TKHGR30.95TL OPENZ	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	NL0012121925	TKHGR31.81BL OPENB	EUR	14,6850	14,6850	14,3850			14,3850					
Certificate	DE000CD62DJ0	TKHGR32.49TL OPENZ	EUR	1,3450	1,3450	1,3450			1,3450					
Certificate	DE000CD63U52	TKHGR33.99TL OPENZ	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	DE000CD642Y3	TKHGR35.97TL OPENZ	EUR	0,9950	0,9950	0,9950			0,9950					
Certificate	DE000CF6BL01	TKHGR37.96TL OPENZ	EUR	0,8400	0,8400	0,7950	840,0000	1	0,7950	1000				
Certificate	NL0012121958	TKHGR38.06BL OPENB	EUR	8,4450	8,4450	8,1450			8,1450					
Certificate	DE000CF6CK43	TKHGR39.94TL OPENZ	EUR	0,5950	0,5950	0,5950			0,5950					
Certificate	NL0012261630	TKHGR40.14BL OPENB	EUR	6,3650	6,3650	6,0650			6,0650					
Certificate	DE000CF6CMM4	TKHGR41.93TL OPENZ	EUR	0,4050	0,4050	0,4050			0,4050					
Certificate	NL0012265045	TKHGR42.21BL OPENB	EUR	4,2950	4,2950	4,0200			4,0200					
Certificate	DE000CF6CP63	TKHGR43.93TL OPENZ	EUR											
Certificate	DE000CJ3PC73	TKHGR44.31TL OPENZ	EUR	0,1650	0,1650	0,1650			0,1650					
Certificate	DE000CJ3N5G9	TKHGR49.31TS OPENZ	EUR	0,3950	0,3950	0,3950			0,3950					
Certificate	DE000CV89RP2	TKHGR57.78TS OPENZ	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	DE000CF6EYP8	TKHGR61.75TS OPENZ	EUR	1,6250	1,6250	1,6250			1,6250					
Certificate	DE000CV88LL6	TKHGR65.74TS OPENZ	EUR	2,0250	2,0250	2,0250			2,0250					
Certificate	DE000CV88R80	TKHGR69.74TS OPENZ	EUR											
Certificate	NL0012502488	TKWY 40TL OPENB	EUR	19,0500	19,3500	19,0500			19,3500					
Certificate	NL0012780357	TKWY 42TL OPENB	EUR	17,1700	17,4700	17,1700			17,4700					
Certificate	NL0012781231	TKWY 44TL OPENB	EUR	15,3000	15,6000	15,3000			15,6000					
Certificate	NL0013010317	TKWY 52TS OPENB	EUR											
Certificate	NL0012020390	TKWY 21.2TL OPENB	EUR	36,4900	36,7900	36,4900			36,7900					
Certificate	NL0012035307	TKWY 23.4TL OPENB	EUR	34,5100	34,8100	34,5100			34,8100					
Certificate	NL0012104764	TKWY 26.5TL OPENB	EUR	31,6000	31,9000	31,6000			31,9000					
Certificate	NL0012105555	TKWY 28.5TL OPENB	EUR	29,6900	29,9900	29,6900			29,9900					
Certificate	NL0012264360	TKWY 29.6TL OPENB	EUR	28,6700	28,9700	28,6700			28,9700					
Certificate	NL0012269856	TKWY 35.8TL OPENB	EUR	22,9000	23,2000	22,9000			23,2000					
Certificate	NL0012500235	TKWY 37.9TL OPENB	EUR	21,0100	21,3100	21,0100			21,3100					
Certificate	NL0012784193	TKWY 46.1TL OPENB	EUR	13,3500	13,6500	13,3500			13,6500					
Certificate	NL0012794622	TKWY 48.1TL OPENB	EUR	11,4600	11,7600	11,4600			11,7600					
Certificate	NL0013010937	TKWY 50.1TL OPENB	EUR	9,5900	9,8900	9,5900			9,8900					
Certificate	NL0013012875	TKWY 52.1TL OPENB	EUR	7,7400	8,0400	7,7400			8,0400					
Certificate	NL0013012883	TKWY 54.1TL OPENB	EUR	5,8800	6,1800	5,8800			6,1800					
Certificate	NL0013010325	TKWY 54.9TS 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	NL0013003015	TKWY 57.9TS OPENB	EUR	6,4300	6,4300	6,1300			6,1300					
Certificate	NL0013003023	TKWY 60.9TS OPENB	EUR	9,6700	9,6700	9,3700			9,3700					
Certificate	NL0012999684	TKWY 63.8TS OPENB	EUR	12,8500	12,8500	12,5500			12,5500					
Certificate	NL0012998413	TKWY 66.8TS OPENB	EUR	16,0900	16,0900	15,7900			15,7900					
Certificate	NL0012992663	TKWY 69.7TS OPENB	EUR	19,2200	19,2200	18,9200			18,9200					
Certificate	DE000CE6D9U2	TKWY 33.57TL OPENZ	EUR	5,1750	5,1750	5,1750			5,1750					
Certificate	DE000CE6DEW8	TKWY 36.83TL OPENZ	EUR	4,5650	4,5650	4,5650			4,5650					
Certificate	DE000CV888U8	TKWY 42.21TL OPENZ	EUR	3,5750	3,5750	3,5750			3,5750					
Certificate	DE000CV894C4	TKWY 47.58TL OPENZ	EUR	2,5750	2,5750	2,5750			2,5750					
Certificate	DE000CJ3NYA3	TLITA 0.35TL OPENZ	EUR	0,1650	0,1650	0,1650			0,1650					
Certificate	DE000CJ3NZU8	TLITA 0.46TL OPENZ	EUR	0,0560	0,0560	0,0560			0,0560					
Certificate	DE000CV8A5S9	TLITA0.405TL OPENZ	EUR	0,1200	0,1200	0,1150	240,0000	1	0,1150	2000				
Certificate	DE000CJ3NTT3	TLRY 105.TL OPENZ	EUR	9,5100	9,5100	9,5100			9,5100					
Certificate	DE000CJ3NVV5	TLRY 120.3TL OPENZ	EUR	5,4900	7,4600	5,4900	324,8800	2	6,9700	52				
Certificate	DE000CJ3PAA8	TLRY 140.3TL OPENZ	EUR	3,4700	4,5000	3,4700	4983,0000	3	3,8250	1250				
Certificate	DE000CJ3PBW0	TLRY 160.3TL OPENZ	EUR											
Certificate	DE000CV8AX00	TLRY 19.94TL OPENZ	EUR	23,0800	23,0800	23,0800			23,0800					
Certificate	DE000CV8AX18	TLRY 22.16TL OPENZ	EUR											
Certificate	DE000CV8AX26	TLRY 24.37TL OPENZ	EUR											
Certificate	DE000CV8B110	TLRY 29.89TL OPENZ	EUR	21,5000	21,5000	21,5000			21,5000					
Certificate	DE000CV8B1Y5	TLRY 35.39TL OPENZ	EUR	20,6200	20,6200	20,6200			20,6200					
Certificate	DE000CV8B4S1	TLRY 40.89TL OPENZ	EUR	19,7400	19,7400	19,7400			19,7400					
Certificate	DE000CV8B4T9	TLRY 46.39TL OPENZ	EUR	18,8600	18,8600	18,8600			18,8600					
Certificate	DE000CV8B7W6	TLRY 57.39TL OPENZ	EUR	17,1100	17,1100	17,1100			17,1100					
Certificate	DE000CV8B9H3	TLRY 68.38TL OPENZ	EUR	15,3600	15,3600	15,3600			15,3600					
Certificate	DE000CV8BCY7	TLRY 79.33TL OPENZ	EUR	13,6100	13,6100	13,6100			13,6100					
Certificate	DE000CV8BEK2	TLRY 90.26TL OPENZ	EUR	11,8600	11,8600	11,8600			11,8600					
Certificate	NL0012313290	TLSNS15.49TL OPENH	EUR	2,7200	2,7200	2,6800			2,6800					
Certificate	NL0012244297	TLSNS25.71TL OPENH	EUR	1,8200	1,8200	1,7800			1,7800					
Certificate	NL0011715248	TLSNS26.83TL OPENH	EUR	1,7200	1,7200	1,6800			1,6800					
Certificate	NL0011990460	TLSNS27.76TL OPENH	EUR	1,6400	1,6400	1,6000			1,6000					
Certificate	NL0011409248	TLSNS31.85TL OPENH	EUR	1,2800	1,2800	1,2400			1,2400					
Certificate	NL0012579510	TLSNS34.89TL OPENH	EUR	1,0100	1,0100	0,9800			0,9800					
Certificate	NL0012583678	TLSNS36.89TL OPENH	EUR	0,8400	0,8400	0,8000			0,8000					
Certificate	NL0012895189	TLSNS40.84TL OPENH	EUR											
Certificate	NL0013079395	TLSNS40.89TL OPENH	EUR											
Certificate	NL0011409149	TLSNS44.63TS OPENH	EUR	0,7200	0,7500	0,7200			0,7500					
Certificate	NL0011409131	TLSNS47.41TS OPENH	EUR											
Certificate	NL0012605448	TLSNS51.98TS OPENH	EUR	1,5100	1,5400	1,5100			1,5400					
Certificate	NL0012605430	TLSNS53.95TS OPENH	EUR	1,7300	1,7500	1,7300			1,7500					
Certificate	NL0012906713	TLSNS60.89TS OPENH	EUR	2,4700	2,4900	2,4700			2,4900					
Certificate	DE000CM73MH3	TN10 109.TL OPENZ	EUR	7,7700	7,9700	7,7700			7,9700					
Certificate	NL0012372866	TN10 115.TL OPENH	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	NL0012372858	TN10 116.TL OPENH	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	NL0012372841	TN10 117.TL OPENH	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	NL0012307714	TN10 124.TS OPENH	EUR	7,2700	7,2700	7,2700			7,2700					
Certificate	NL0011996822	TN10 127.TS OPENH	EUR	11,1500	11,1500	11,1500			11,1500					
Certificate	NL0012313431	TN10 129.TS OPENH	EUR	11,7500	11,7500	11,7500			11,7500					
Certificate	NL0012313423	TN10 130.TS OPENH	EUR	12,6100	12,6100	12,6100			12,6100					
Certificate	NL0012313415	TN10 131.TS OPENH	EUR	13,4600	13,4600	13,4600			13,4600					
Certificate	DE000CE6EUP6	TN10 145.TS OPENZ	EUR	23,6500	23,6500	23,4900			23,4900					
Certificate	NL0012432777	TN10 184.TS OPENH	EUR	60,5600	60,5600	60,5600			60,5600					
Certificate	NL0012372916	TN10 100.6TL OPENH	EUR	16,9100	16,9100	16,9100			16,9100					
Certificate	DE000CM73MG5	TN10 103.2TL OPENZ	EUR	12,8400	13,0500	12,8400			13,0500					
Certificate	NL0012579601	TN10 104.1TL OPENH	EUR	13,9300	13,9300	13,9300			13,9300					
Certificate	NL0012565766	TN10 106.2TL OPENH	EUR	12,1500	12,1500	12,1500			12,1500					
Certificate	NL0012529390	TN10 107.6TL OPENH	EUR	10,9000	10,9000	10,9000			10,9000					
Certificate	NL0012536817	TN10 108.8TL OPENH	EUR	9,8800	9,8800	9,8800			9,8800					
Certificate	NL0012313480	TN10 109.8TL OPENH	EUR	9,0400	9,0400	9,0400			9,0400					
Certificate	NL0012372908	TN10 110.9TL OPENH	EUR	8,1500	8,1500	8,1500			8,1500					
Certificate	NL0012372890	TN10 111.9TL OPENH	EUR	7,2800	7,2800	7,2800			7,2800					
Certificate	NL0012372882	TN10 112.9TL OPENH	EUR	6,3900	6,3900	6,3900			6,3900					
Certificate	DE000CR4J7F5	TN10 113.1TL OPENZ	EUR	4,2050	4,4000	4,2050			4,4000					
Certificate	NL0012372874	TN10 113.9TL OPENH	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	DE000CJ3N2D3	TN10 116.1TL OPENZ	EUR	1,6150	1,8100	1,6150	3659,4000	2	1,8100	2140				
Certificate	NL0012310452	TN10 118.3TL OPENH	EUR											
Certificate	DE000CJ3NNC2	TN10 120.5TS OPENZ	EUR	2,3250	2,3250	2,1400			2,1400					
Certificate	NL0012579585	TN10 121.2TS OPENH	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	NL0012551097	TN10 123.1TS OPENH	EUR	6,4700	6,4700	6,4700			6,4700					
Certificate	DE000CE6EUN1	TN10 123.5TS OPENZ	EUR	4,9150	4,9150	4,7300			4,7300					
Certificate	NL0011996798	TN10 124.1TS OPENH	EUR	8,5100	8,5500	8,5100	8510,0000	1	8,5500	1000				
Certificate	NL0012313464	TN10 125.2TS OPENH	EUR	8,3200	8,3200	8,3200			8,3200					



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	NL0012313456	TN10 126.1TS OPENH	EUR	9,1800	9,1800	9,1800			9,1800					
Certificate	DE000CR6YN46	TN10 126.1TS OPENZ	EUR	7,2300	7,2300	7,0500			7,0500					
Certificate	NL0012310437	TN10 126.5TS OPENH	EUR	9,4800	9,4800	9,4800			9,4800					
Certificate	NL0012310429	TN10 127.4TS OPENH	EUR	10,3400	10,3400	10,3400			10,3400					
Certificate	NL0012313449	TN10 128.1TS OPENH	EUR	10,8900	10,8900	10,8900			10,8900					
Certificate	DE000CV4ZV56	TN10 128.3TS OPENZ	EUR	9,1200	9,1200	8,9400			8,9400					
Certificate	NL0012310411	TN10 128.4TS OPENH	EUR	11,2100	11,2100	11,2100			11,2100					
Certificate	DE000CR9Q773	TN10 130.9TS OPENZ	EUR	11,4100	11,4100	11,2400			11,2400					
Certificate	NL0012313407	TN10 131.9TS OPENH	EUR	14,3200	14,3200	14,3200			14,3200					
Certificate	NL0012313399	TN10 132.9TS OPENH	EUR	15,1800	15,1800	15,1800			15,1800					
Certificate	DE000CN6K4X9	TN10 133.6TS OPENZ	EUR	13,7500	13,7500	13,5800			13,5800					
Certificate	NL0012313381	TN10 133.8TS OPENH	EUR	16,0300	16,0300	16,0300			16,0300					
Certificate	NL0012313373	TN10 134.8TS OPENH	EUR	16,8900	16,8900	16,8900			16,8900					
Certificate	NL0012313365	TN10 135.8TS OPENH	EUR	17,7300	17,7300	17,7300			17,7300					
Certificate	DE000CD61AF6	TN10 136.4TS OPENZ	EUR	16,1400	16,1400	15,9700			15,9700					
Certificate	NL0012313357	TN10 136.7TS OPENH	EUR	18,6000	18,6000	18,6000			18,6000					
Certificate	NL0012372825	TN10 137.9TS OPENH	EUR	19,6600	19,6600	19,6600			19,6600					
Certificate	NL0012372817	TN10 138.9TS OPENH	EUR	20,5300	20,5300	20,5300			20,5300					
Certificate	DE000CE6C667	TN10 139.2TS OPENZ	EUR	18,6400	18,6400	18,4700			18,4700					
Certificate	NL0012538169	TN10 140.2TS OPENH	EUR	21,7100	21,7100	21,7100			21,7100					
Certificate	NL0012437768	TN10 141.3TS OPENH	EUR	22,6300	22,6300	22,6300			22,6300					
Certificate	DE000CE6CE25	TN10 142.1TS OPENZ	EUR	21,1300	21,1300	20,9700			20,9700					
Certificate	NL0012372809	TN10 144.8TS OPENH	EUR	25,7300	25,7300	25,7300			25,7300					
Certificate	NL0012372791	TN10 149.6TS OPENH	EUR	30,0700	30,0700	30,0700			30,0700					
Certificate	NL0012372783	TN10 154.5TS OPENH	EUR	34,4100	34,4100	34,4100			34,4100					
Certificate	NL0012372775	TN10 159.4TS OPENH	EUR	38,7500	38,7500	38,7500			38,7500					
Certificate	NL0012372767	TN10 164.3TS OPENH	EUR	43,0800	43,0800	43,0800			43,0800					
Certificate	NL0012372759	TN10 174.1TS OPENH	EUR	51,7500	51,7500	51,7500			51,7500					
Certificate	NL0012899504	TN10 70.41TL OPENH	EUR	42,7200	42,7200	42,7200			42,7200					
Certificate	NL0012372940	TN10 80.12TL OPENH	EUR	34,4100	34,4100	34,4100			34,4100					
Certificate	NL0012615694	TN10 85.66TL OPENH	EUR	29,6800	29,6800	29,6800			29,6800					
Certificate	NL0012372932	TN10 90.36TL OPENH	EUR	25,6600	25,6600	25,6600			25,6600					
Certificate	NL0012372924	TN10 95.48TL OPENH	EUR	21,2900	21,2900	21,2900			21,2900					
Certificate	DE000CM73MF7	TN10 97.32TL OPENZ	EUR	17,9200	18,1300	17,9200			18,1300					
Certificate	DE000CJ3N591	TNCT 168.5TL OPENZ	EUR	1,3350	1,3350	1,3350			1,3350					
Certificate	DE000CV8BDK4	TNCT 188.5TL OPENZ	EUR	1,1450	1,1450	1,1450			1,1450					
Certificate	DE000CV8ALP8	TNCT 210.8TL OPENZ	EUR	0,9150	0,9150	0,9150			0,9150					
Certificate	DE000CV89PB6	TNCT 233.4TL OPENZ	EUR	0,6850	0,6850	0,6850			0,6850					
Certificate	DE000CV8ALQ6	TNCT 255.1TL OPENZ	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	DE000CJ3N8S8	TNCT 275.1TL OPENZ	EUR											
Certificate	DE000CJ3PDN5	TNCT 275.1TL OPENZ	EUR											
Certificate	DE000CV4YQ39	TNCT 277.6TL OPENZ	EUR											
Certificate	DE000CE6BQ54	TOMTO LEVOPENZ	EUR	0,1860	0,1860	0,1750	402,6000	2	0,1750	2170				
Certificate	DE000CE6BQH7	TOMTO SHROPENZ	EUR	0,4880	0,4880	0,4880			0,4880					
Certificate	NL0013002868	TOMTO 6TL OPENB	EUR											
Certificate	DE000CX59KZ5	TOMTO 7TL OPENC	EUR											
Certificate	DE000CJ3NLN3	TOMTO 8TS 1218Z	EUR	1,3450	1,3450	1,3450			1,3450					
Certificate	NL0012795405	TOMTO 9BOC1218Z	EUR	6,6000	6,6000	6,6000			6,6000					
Certificate	DE000CJ3NUT1	TOMTO 9TS 1218Z	EUR	2,3450	2,3450	2,3450			2,3450					
Certificate	NL0012793087	TOMTO 10BOC1218B	EUR	6,5700	6,6800	6,5700			6,6800					
Certificate	DE000CV8AE52	TOMTO 10TS 1218Z	EUR	3,3350	3,3350	3,3350			3,3350					
Certificate	NL0012494652	TOMTO 11BOC1218B	EUR	6,5800	6,6900	6,5800			6,6900					
Certificate	DE000CV8ABU9	TOMTO 11TS 1218Z	EUR	4,3350	4,3350	4,3350			4,3350					
Certificate	NL0009966746	TOMTO 2.7TL OPENB	EUR	4,3150	4,4250	4,3150			4,4250					
Certificate	NL0010012274	TOMTO 3.1TL OPENB	EUR	4,0950	4,0950	4,0950			4,0950					
Certificate	NL0010378576	TOMTO 3.4TL OPENB	EUR	3,8450	3,8450	3,8450			3,8450					
Certificate	NL0010441796	TOMTO 4.2TL OPENB	EUR	3,0850	3,0850	3,0850			3,0850					
Certificate	NL0010652277	TOMTO 4.7TL OPENB	EUR	2,6850	2,6850	2,6850			2,6850					
Certificate	NL0010887923	TOMTO 4.9TL OPENB	EUR	2,2350	2,3350	2,2350	11320,0000	4	2,3350	5000				
Certificate	NL0010656575	TOMTO 5.2TL OPENB	EUR	2,1800	2,3700	2,1200	8127,0000	5	2,2750	3600				
Certificate	DE000CC608R9	TOMTO 5.2TL OPENC	EUR	1,3700	1,5000	1,3500	4270,0000	2	1,5000	3000				
Certificate	NL0010875381	TOMTO 5.3TL OPENB	EUR	1,9050	2,0600	1,8300	2078,3000	2	2,0050	1010				
Certificate	NL0010913729	TOMTO 5.6TL OPENB	EUR	1,5850	1,7400	1,5850	522,0000	1	1,6850	300				
Certificate	NL0013012891	TOMTO 5.9TL OPENB	EUR	1,2750	1,3750	1,2750			1,3750					
Certificate	NL0013013352	TOMTO 6.2BL OPENB	EUR	0,6950	0,8050	0,6950			0,8050					
Certificate	NL0013012909	TOMTO 6.2TL OPENB	EUR	1,0050	1,1050	1,0050			1,1050					
Certificate	NL0013002876	TOMTO 6.3TL OPENB	EUR											
Certificate	LU1841030528	TOMTO 6.6TCIOPENS	EUR											
Certificate	NL0013003437	TOMTO 6.6TL OPENB	EUR											
Certificate	NL0013010945	TOMTO 6.8TL OPENB	EUR											
Certificate	NL0013012990	TOMTO 6.8TS OPENB	EUR	0,9550	0,9550	0,9550			0,9550					
Certificate	NL0013013006	TOMTO 7.3TS OPENB	EUR	1,5150	1,5150	1,4050			1,4050					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013010333	TOMTO 7.3TS OPENB	EUR											
Certificate	NL0013006026	TOMTO 7.8TS OPENB	EUR	2,1650	2,1650	2,0550	10300,0000	1	2,0550	5000				
Certificate	NL0012999700	TOMTO 8.3TS OPENB	EUR	2,7150	2,7150	2,6050								
Certificate	NL0012796510	TOMTO 8.7BOC0919Z	EUR	7,0600	7,0600	7,0600								
Certificate	NL0012795413	TOMTO 8.9BOC0319Z	EUR	7,1650	7,1650	7,1650								
Certificate	NL0012509780	TOMTO 9.4TS OPENB	EUR	3,9250	3,9250	3,8150								
Certificate	NL0012796528	TOMTO 9.7BOC1219Z	EUR	6,9000	6,9000	6,9000								
Certificate	NL0012789986	TOMTO 9.9TS OPENB	EUR	4,3950	4,3950	4,2850								
Certificate	NL0011593413	TOMTO 10.2TS OPENH	EUR	5,3900	5,3900	5,2800								
Certificate	NL0012313308	TOMTO 12.2TS OPENH	EUR	7,7400	7,7400	7,6300								
Certificate	NL0012313340	TOMTO 2.47TL OPENH	EUR	4,4800	4,5800	4,4800								
Certificate	NL0012313332	TOMTO 3.08TL OPENH	EUR	3,9500	4,0500	3,9500								
Certificate	NL0010154977	TOMTO 3.49TL OPENA	EUR											
Certificate	NL0012313324	TOMTO 3.69TL OPENH	EUR	3,4200	3,5200	3,4200								
Certificate	NL0011039920	TOMTO 4.52TL OPENH	EUR	2,6900	2,7900	2,6900								
Certificate	DE000CJ3NM81	TOMTO 4.93TL OPENZ	EUR	2,2000	2,2000	2,1550	3300,0000	1	2,1550	1500				
Certificate	DE000CJ3NLL7	TOMTO 5.05TL 1218Z	EUR	1,6850	1,6850	1,6850								
Certificate	LU1817373522	TOMTO 5.08TCIOPENS	EUR	1,8400	1,8400	1,8400								
Certificate	NL0011039912	TOMTO 5.17TL OPENH	EUR	2,1300	2,2400	2,1300								
Certificate	NL0011040597	TOMTO 5.38TL OPENH	EUR	1,9500	2,0500	1,9500								
Certificate	DE000CV89UR2	TOMTO 5.47TL OPENZ	EUR	1,6650	1,6650	1,6650								
Certificate	DE000CJ3NLM5	TOMTO 5.55TL 1218Z	EUR	1,1850	1,1850	1,1850								
Certificate	NL0011039904	TOMTO 5.59TL OPENH	EUR	1,7700	1,8700	1,7700								
Certificate	LU1817373795	TOMTO 5.71TCIOPENS	EUR	1,2100	1,2100	1,2100								
Certificate	NL0012901680	TOMTO 5.79TL OPENH	EUR	1,5900	1,6900	1,5900								
Certificate	DE000CJ3PDH7	TOMTO 5.92TL OPENZ	EUR	1,2350	1,2350	1,2350								
Certificate	DE000CJ3NTQ9	TOMTO 5.93TL OPENZ	EUR											
Certificate	DE000CJ3PCL1	TOMTO 5.95TL 1218Z	EUR	0,8050	0,8050	0,8050								
Certificate	NL0012904627	TOMTO 5.98TL OPENH	EUR											
Certificate	DE000CJ3N2R3	TOMTO 6.05TL 1218Z	EUR											
Certificate	DE000CJ3PC81	TOMTO 6.11TL OPENZ	EUR	0,6000	0,6700	0,5600	2621,0300	9	0,6550	4204				
Certificate	NL0013085202	TOMTO 6.28TL OPENH	EUR	1,1600	1,2700	1,1600								
Certificate	DE000CJ3NVR3	TOMTO 6.32TL OPENZ	EUR											
Certificate	DE000CJ3NUS3	TOMTO 6.45TL 1218Z	EUR											
Certificate	NL0012905897	TOMTO 6.48TL OPENH	EUR											
Certificate	NL0013081805	TOMTO 6.58TL OPENH	EUR											
Certificate	NL0012906275	TOMTO 6.67TL OPENH	EUR											
Certificate	NL0013013402	TOMTO 6.73BS OPENB	EUR	0,3850	0,3850	0,3850								
Certificate	DE000CJ3NV51	TOMTO 6.82TL OPENZ	EUR											
Certificate	DE000CJ3N831	TOMTO 6.82TL OPENZ	EUR											
Certificate	LU1841030791	TOMTO 6.87TCIOPENS	EUR											
Certificate	NL0013083207	TOMTO 6.88TL OPENH	EUR											
Certificate	NL0013085194	TOMTO 6.98TS OPENH	EUR	1,6100	1,6100	1,5000								
Certificate	NL0013013410	TOMTO 7.23BS OPENB	EUR	0,8850	0,8850	0,7650								
Certificate	NL0013079213	TOMTO 7.38TS OPENH	EUR											
Certificate	DE000CJ3N674	TOMTO 7.52TS OPENZ	EUR											
Certificate	DE000CJ3PB90	TOMTO 7.62TS OPENZ	EUR	1,5850	1,5850	1,5850								
Certificate	NL0011995857	TOMTO 7.64TL OPENH	EUR											
Certificate	NL0012907224	TOMTO 7.98TS OPENH	EUR	2,7700	2,7700	2,6600								
Certificate	NL0013003288	TOMTO 8.35BOC0719B	EUR	6,7400	6,8300	6,7400								
Certificate	DE000CJ3NVT9	TOMTO 8.52TS OPENZ	EUR	2,5850	2,5850	2,5850								
Certificate	NL0012900047	TOMTO 8.59TS OPENH	EUR	3,5000	3,5000	3,3900								
Certificate	NL0013003296	TOMTO 8.65BOC0919B	EUR	6,7200	6,8200	6,7200								
Certificate	NL0012888788	TOMTO 8.97TS OPENH	EUR	3,9400	3,9400	3,8300								
Certificate	NL0012549554	TOMTO 9.18TS OPENH	EUR	4,1900	4,1900	4,0800								
Certificate	DE000CE6FK40	TOMTO 9.33TS OPENZ	EUR	3,4650	3,4650	3,4650								
Certificate	NL0012539357	TOMTO 9.35TS OPENH	EUR	4,3800	4,3800	4,2800								
Certificate	NL0012544712	TOMTO 9.56TS OPENH	EUR	4,6300	4,6300	4,5200								
Certificate	NL0012936306	TOMTO 9.76TS OPENH	EUR	4,8700	4,8700	4,7600								
Certificate	NL0012539340	TOMTO 9.84TS OPENH	EUR	4,9600	4,9600	4,8500								
Certificate	NL0011535257	TOMTO10.38BS OPENB	EUR	4,0350	4,0350	3,9150								
Certificate	NL0011742853	TOMTO10.76TS OPENH	EUR	6,0400	6,0400	5,9300								
Certificate	DE000CV8A6Q1	TOMTO10.88TS OPENZ	EUR											
Certificate	NL0011732458	TOMTO11.29TS OPENH	EUR	6,6600	6,6600	6,5600								
Certificate	NL0011586664	TOMTO11.57TS OPENH	EUR	6,9900	6,9900	6,8900								
Certificate	NL0012365506	TOMTO12.81TS OPENH	EUR	8,4600	8,4600	8,3500								
Certificate	NL0011235262	TOMTO12.92TS OPENH	EUR	8,5900	8,5900	8,4800								
Certificate	NL0012546543	TOMTO13.49TS OPENH	EUR	9,2500	9,2500	9,1400								
Certificate	NL0012369896	TOMTO14.58TS OPENH	EUR	10,5300	10,5300	10,4200								
Certificate	DE000CJ3NML5	TOMTO3.653TL OPENZ	EUR	3,1700	3,1700	2,9500	10600,0000	3	3,0850	3500				
Certificate	NL0012998866	TOMTO4.1348L OPENB	EUR	2,7550	2,8650	2,7550								
Certificate	DE000CV89VN9	TOMTO4.157TL OPENZ	EUR	2,5750	2,5750	2,5750								



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011903612	TOMT04.6358L OPENB	EUR	2,2550	2,3650	2,2550	228,0000	1	2,3650	100				
Certificate	DE000CV89RQ0	TOMT04.664TL OPENZ	EUR	2,0750	2,0750	2,0750			2,0750					
Certificate	DE000CJ3NMM3	TOMT04.976TL OPENZ	EUR	1,7700	1,7700	1,7650	19912,5000	3	1,7650	11250				
Certificate	DE000CF80TP0	TOMT05.034TL OPENC	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	NL0011900162	TOMT05.1658L OPENB	EUR	1,7250	1,8350	1,7200	70350,0000	8	1,8350	40000				
Certificate	DE000CZ7DOP5	TOMT05.176TL OPENZ	EUR	1,6000	1,6100	1,5400	10569,0000	7	1,5800	6650				
Certificate	DE000CB1MST9	TOMT05.396TL OPENZ	EUR	1,3450	1,3450	1,3450			1,3450					
Certificate	DE000CB1MVK0	TOMT05.606TL OPENZ	EUR	1,2300	1,2300	0,9800	1316,2500	4	1,1350	1225				
Certificate	NL0011644935	TOMT05.6968L OPENB	EUR	1,1950	1,3600	1,1950	26200,0000	4	1,3050	20000				
Certificate	DE000CJ3NMM1	TOMT05.806TL OPENZ	EUR	0,8600	1,0400	0,7900	8991,0000	12	0,9450	9865				
Certificate	DE000CJ3NUH6	TOMT06.102TL OPENZ	EUR											
Certificate	NL0013003650	TOMT06.1968L OPENB	EUR											
Certificate	DE000CJ3NUJ2	TOMT06.401TL OPENZ	EUR											
Certificate	DE000CJ3NUK0	TOMT06.698TL OPENZ	EUR											
Certificate	DE000CJ3NSH7	TOMT06.702TL OPENZ	EUR											
Certificate	DE000CJ3PA83	TOMT06.989TS OPENZ	EUR	0,4600	0,4600	0,3550	3065,2000	3	0,3550	7520				
Certificate	DE000CJ3N245	TOMT07.487TS OPENZ	EUR											
Certificate	DE000CJ3PA91	TOMT07.539TS OPENZ	EUR	0,8950	0,8950	0,8950			0,8950					
Certificate	DE000CJ3NUM6	TOMT08.085TS OPENZ	EUR	1,4250	1,4250	1,4250			1,4250					
Certificate	NL0012999080	TOMT08.2268S OPENB	EUR	1,8850	1,8850	1,7650			1,7650					
Certificate	DE000CJ3NUN4	TOMT08.685TS OPENZ	EUR	2,0250	2,0250	2,0250			2,0250					
Certificate	NL0012994925	TOMT08.7258S OPENB	EUR	2,3850	2,3850	2,2650			2,2650					
Certificate	DE000CJ3NUP9	TOMT09.285TS OPENZ	EUR	2,6250	2,6250	2,6250			2,6250					
Certificate	NL0012983696	TOMT09.7198S OPENB	EUR	3,3750	3,3750	3,2550			3,2550					
Certificate	DE000CV8A575	TOMT09.878TS OPENZ	EUR	3,2150	3,2150	3,2150			3,2150					
Certificate	NL0006527202	TOTAL 8TL OPENB	EUR	45,5300	45,5300	45,5300			45,5300					
Certificate	DE000CX0IQQ1	TOTAL 30TL OPENC	EUR	2,5800	2,5800	2,5800			2,5800					
Certificate	DE000CX00435	TOTAL 32TL OPENC	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	NL0011722277	TOTAL 34TL OPENH	EUR	21,9400	21,9400	21,3400			21,3400					
Certificate	DE000CW42R19	TOTAL 35TL OPENC	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	DE000CC5KFK9	TOTAL 35TL OPENC	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	NL0011722269	TOTAL 35TL OPENH	EUR	20,9700	20,9700	20,3400			20,3400					
Certificate	DE000CX00PF0	TOTAL 36TL OPENC	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	DE000CX00PM6	TOTAL 36TL OPENC	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	NL0011975545	TOTAL 36TL OPENH	EUR	20,0400	20,0400	19,4300			19,4300					
Certificate	DE000CX00FT2	TOTAL 38TL OPENC	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	DE000CX00EU3	TOTAL 38TL OPENC	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	DE000CY50GE5	TOTAL 40TL OPENC	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	DE000CX59AM4	TOTAL 40TL OPENC	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	NL0012905269	TOTAL 58TS OPENH	EUR	9,2800	9,8800	9,2800			9,8800					
Certificate	NL0006468068	TOTAL 11.5TL OPENB	EUR	42,3000	42,3000	42,3000			42,3000					
Certificate	NL0006469330	TOTAL 15.1TL OPENB	EUR	38,9300	38,9300	38,9300			38,9300					
Certificate	NL0010117628	TOTAL 18.2TL OPENB	EUR	36,0800	36,0800	36,0800			36,0800					
Certificate	NL0010127619	TOTAL 21.5TL OPENB	EUR	33,0100	33,0100	33,0100			33,0100					
Certificate	NL0010131835	TOTAL 25.2TL OPENB	EUR	29,6000	29,6000	29,6000			29,6000					
Certificate	NL0010889903	TOTAL 28.9TL OPENB	EUR	26,6700	26,6700	26,1400			26,1400					
Certificate	NL0010514758	TOTAL 28.9TL OPENB	EUR	26,1300	26,1300	26,1300			26,1300					
Certificate	NL0011649678	TOTAL 31.6TL OPENB	EUR	24,1500	24,1500	23,6200			23,6200					
Certificate	NL0011722285	TOTAL 31.9TL OPENH	EUR	23,8800	23,8800	23,2700			23,2700					
Certificate	NL0011800115	TOTAL 34.2TL OPENB	EUR	21,7200	21,7200	21,1900			21,1900					
Certificate	NL0012019368	TOTAL 36.8TL OPENB	EUR	19,2900	19,2900	18,7600			18,7600					
Certificate	NL0011979877	TOTAL 38.1TL OPENH	EUR	18,0900	18,0900	17,4800			17,4800					
Certificate	NL0011997382	TOTAL 39.1TL OPENH	EUR	17,1200	17,1200	16,4900			16,4900					
Certificate	NL0012038038	TOTAL 39.4TL OPENB	EUR	16,9100	16,9100	16,3800			16,3800					
Certificate	NL0012049993	TOTAL 40.1TL OPENH	EUR	16,1900	16,1900	15,5600			15,5600					
Certificate	NL0012520811	TOTAL 41.3TL OPENH	EUR	15,1600	15,1600	14,5500			14,5500					
Certificate	NL0012579577	TOTAL 43.2TL OPENH	EUR	13,3700	13,3700	12,7500			12,7500					
Certificate	NL0012594766	TOTAL 44.2TL OPENH	EUR	12,3900	12,3900	11,7600			11,7600					
Certificate	NL0012602908	TOTAL 45.3TL OPENH	EUR	11,4300	11,4300	10,8000			10,8000					
Certificate	NL0012603724	TOTAL 46.3TL OPENH	EUR	10,5000	10,5000	9,8700			9,8700					
Certificate	NL0012605661	TOTAL 47.3TL OPENH	EUR	9,5700	9,5700	8,9600			8,9600					
Certificate	NL0012919849	TOTAL 49.3TL OPENH	EUR	7,6800	7,6800	7,0800			7,0800					
Certificate	NL0012608186	TOTAL 62.1TS OPENH	EUR	13,6400	14,2600	13,6400			14,2600					
Certificate	NL0012903934	TOTAL 71.5TS OPENH	EUR	23,8400	24,4600	23,8400			24,4600					
Certificate	DE000CM4ACY9	TOTAL22.12TL OPENZ	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	DE000CN6JUB4	TOTAL34.29TL OPENZ	EUR	18,6900	18,6900	18,6900			18,6900					
Certificate	DE000CC3ZA86	TOTAL35.16TL OPENC	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	DE000CD61TM2	TOTAL38.26TL OPENZ	EUR	14,7300	14,7300	14,7300			14,7300					
Certificate	DE000CV87M86	TOTAL43.24TL OPENZ	EUR	9,7800	9,7800	9,7800			9,7800					
Certificate	DE000CV88LM4	TOTAL48.19TL OPENZ	EUR	5,2600	5,2600	4,8650	52,6000	1	4,8650	10				
Certificate	DE000CV8ASW9	TOYOT 5240TL OPENZ	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	DE000CV8ASX7	TOYOT 6302TL OPENZ	EUR	0,5000	0,5000	0,5000			0,5000					



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	NL001298885	TOYOT101.1BL OPENB	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	NL0012771067	TOYOT108.4BL OPENB	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	NL0012699953	TOYOT116.1BL OPENB	EUR											
Certificate	NL0013010663	TOYOT121.2BS OPENB	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	NL0012973861	TOYOT133.7BS OPENB	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	NL0012700140	TOYOT146.1BS OPENB	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	NL0013010598	TOYOT93.52BL OPENB	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	DE000CJ3NQV5	TRIPA33.58TL OPENZ	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	DE000CV8AFA2	TRIPA40.62TL OPENZ	EUR	0,5350	0,5350	0,5350			0,5350					
Certificate	DE000CV88656	TUI A10.49TL OPENZ	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	DE000CV4YXZ1	TUI A12.49TL OPENZ	EUR	0,5450	0,5450	0,5450			0,5450					
Certificate	DE000CV4YZ46	TUI A13.99TL OPENZ	EUR	0,2800	0,2800	0,2450	280,0000	1	0,2450	1000				
Certificate	NL0000458198	TURKUE CT OPENN	EUR	14,7800	14,7800	14,7800			14,7800					
Certificate	NL0009176114	TURKT 546TL OPENB	EUR	7,2250	7,2250	7,2250			7,2250					
Certificate	NL0009176833	TURKT 641TL OPENB	EUR	5,8500	5,8500	5,8500			5,8500					
Certificate	NL0010047163	TURKT 758TL OPENB	EUR	4,1850	4,1850	4,1850			4,1850					
Certificate	DE000CV4ZQZ2	TWI 1.306TL OPENZ	EUR	0,3750	0,3750	0,3750			0,3750					
Certificate	DE000CV4ZQW9	TWI 1.516TL OPENZ	EUR	0,1450	0,1450	0,1450			0,1450					
Certificate	DE000CX01NU2	TWTR 10TL OPENC	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	DE000CX593U2	TWTR 16TL OPENC	EUR											
Certificate	DE000CV51L78	TWTR 17TL OPENC	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CV52AN5	TWTR 20TL OPENC	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	DE000CP06UW8	TWTR 20TL OPENC	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	DE000CQ58W29	TWTR 20TL OPENC	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000CQ5AG79	TWTR 22TL OPENC	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	DE000CJ3NXW9	TWTR 24TL 1218Z	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	DE000CQ5A6A8	TWTR 24TL OPENC	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	DE000CX0JT01	TWTR 24TS OPENC	EUR											
Certificate	DE000CY16XR3	TWTR 25TS OPENC	EUR											
Certificate	DE000CP06UX6	TWTR 26TL OPENC	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	DE000CQ5A6B6	TWTR 26TL OPENC	EUR											
Certificate	DE000CJ3PBF5	TWTR 27TL 1218Z	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	DE000CP06UY4	TWTR 28TS OPENC	EUR											
Certificate	DE000CP06MN4	TWTR 30TS OPENC	EUR											
Certificate	DE000CP07BD6	TWTR 30TS OPENC	EUR											
Certificate	DE000CP06990	TWTR 32TS OPENC	EUR	0,2500	0,2500	0,2500			0,2500					
Certificate	DE000CP069A5	TWTR 34TS OPENC	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	DE000CQ5AJA7	TWTR 34TS OPENC	EUR											
Certificate	DE000CP06826	TWTR 35TS OPENC	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	DE000CP067G6	TWTR 36TS OPENC	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	DE000CQ5BU70	TWTR 38TS OPENC	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000CP061D6	TWTR 40TS OPENC	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	DE000CQ58W37	TWTR 40TS OPENC	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	DE000CP061E4	TWTR 42TS OPENC	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	DE000CV8AHT8	TWTR 20.6TL OPENZ	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	DE000CJ3NJ78	TWTR 22.5TL 1218Z	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	DE000CJ3NJ86	TWTR 25.5TL 1218Z	EUR	0,7650	0,7650	0,7650			0,7650					
Certificate	NL0013010341	TWTR 27.9TS OPENB	EUR											
Certificate	NL0013010358	TWTR 29.4TS OPENB	EUR											
Certificate	NL0012778096	TWTR 29.5TS OPENB	EUR											
Certificate	NL0012997852	TWTR 30.9TS OPENB	EUR	5,9550	5,9550	5,9550			5,9550					
Certificate	NL0012996532	TWTR 32.4TS OPENB	EUR	7,4850	7,4850	7,4850			7,4850					
Certificate	NL0012995948	TWTR 33.9TS OPENB	EUR	9,0350	9,0350	9,0350			9,0350					
Certificate	NL0012971105	TWTR 44.4TS OPENB	EUR											
Certificate	NL0012971980	TWTR 48.9TS OPENB	EUR	24,4050	24,4050	24,4050			24,4050					
Certificate	NL0011645981	TWTR 12.07BL OPENB	EUR	15,7200	15,7200	15,7200			15,7200					
Certificate	DE000CJ3NSU3	TWTR 17.09TL OPENZ	EUR	2,1750	2,1750	2,1750			2,1750					
Certificate	DE000CJ3NSQ8	TWTR 22.65TL OPENZ	EUR	1,2150	1,2150	1,2150			1,2150					
Certificate	DE000CJ3NSV1	TWTR 24.16TL OPENZ	EUR	0,9650	0,9650	0,9650			0,9650					
Certificate	DE000CV8A9G6	TWTR 25.67TL OPENZ	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	DE000CJ3PBN9	TWTR 27.16TL OPENZ	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	NL0013009111	TWTR 28.74BS OPENB	EUR											
Certificate	NL0012780548	TWTR 29.01BS OPENB	EUR											
Certificate	NL0012997696	TWTR 30.74BS OPENB	EUR	1,6050	1,6050	1,6050			1,6050					
Certificate	DE000CJ3NS22	TWTR 31.42TS OPENZ	EUR	0,3850	0,3850	0,3850			0,3850					
Certificate	NL0012996193	TWTR 32.75BS OPENB	EUR	3,3550	3,3550	3,3550			3,3550					
Certificate	NL0012995641	TWTR 34.74BS OPENB	EUR	5,0850	5,0850	5,0850			5,0850					
Certificate	DE000CV8BCG4	TWTR 34.92TS OPENZ	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	DE000CV8AG76	TWTR 39.92TS OPENZ	EUR	1,8250	1,8250	1,8250			1,8250					
Certificate	DE000CV8B5C2	TWTR 44.93TS OPENZ	EUR	2,6950	2,6950	2,6950			2,6950					
Certificate	NL0012971386	TWTR 48.74BS OPENB	EUR	17,2750	17,2750	17,2750			17,2750					
Certificate	DE000CV89DD8	TWTR 49.88TS 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	DE000CV89FT9	TWTR 54.91TS OPENZ	EUR											
Certificate	DE000CV89GU5	TWTR 59.95TS OPENZ	EUR											
Certificate	NL0013003494	UBS 16TS OPENB	EUR	2,7900	2,9700	2,7900			2,9700					
Certificate	NL0009864065	UBS 5.4TL OPENB	EUR	8,0500	8,0500	8,0500			8,0500					
Certificate	NL0011904826	UBS 10.3TL OPENB	EUR	4,0600	4,0600	3,8700			3,8700					
Certificate	NL0011906805	UBS 10.9TL OPENB	EUR	3,5600	3,5600	3,3700			3,3700					
Certificate	NL0013011760	UBS 11.5TL OPENB	EUR	3,0500	3,0500	2,8600			2,8600					
Certificate	NL0013011778	UBS 12.1TL OPENB	EUR	2,5600	2,5600	2,3700			2,3700					
Certificate	NL0013011786	UBS 12.8TL OPENB	EUR	1,9900	1,9900	1,8100			1,8100					
Certificate	NL0013012230	UBS 13.5TL OPENB	EUR	1,4300	1,4300	1,2400			1,2400					
Certificate	NL0012031561	UBS 14.1TL OPENB	EUR											
Certificate	NL0013011034	UBS 14.6TS OPENB	EUR	1,3900	1,5800	1,3900			1,5800					
Certificate	NL0012683494	UBS 17.8TS OPENB	EUR	4,4600	4,6400	4,4600			4,6400					
Certificate	NL0013002017	UBS 19.4TS OPENB	EUR	6,0000	6,1800	6,0000			6,1800					
Certificate	DE000CN6J877	UBS 10.93TL OPENZ	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	DE000CD63724	UBS 12.41TL OPENZ	EUR	0,3000	0,3000	0,2650	1500,0000	1	0,2650	5000				
Certificate	DE000CD63L79	UBS 13.89TL OPENZ	EUR	0,0230	0,0230	0,0230			0,0230					
Certificate	DE000CD61YX9	UBS 9.424TL OPENZ	EUR	0,7850	0,7850	0,7850			0,7850					
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	66,0250	66,0250	64,9650			64,9650					
Certificate	NL0009177765	UCB S 17.5TL OPENB	EUR	57,8850	57,8850	56,8250			56,8250					
Certificate	NL0009679273	UCB S 20.7TL OPENB	EUR	54,8250	54,8250	53,7650			53,7650					
Certificate	NL0010763900	UCB S 49.6TL OPENB	EUR	27,9550	27,9550	26,8950			26,8950					
Certificate	NL0012040141	UCB S 52.1TL OPENB	EUR	25,7150	25,7150	24,4550	1836,7500	1	24,6150	75				
Certificate	NL0012040158	UCB S 54.7TL OPENB	EUR	23,3250	23,3250	22,2250			22,2250					
Certificate	NL0012493647	UCB S 57.2TL OPENB	EUR	20,9850	20,9850	19,8850			19,8850					
Certificate	NL0012785943	UCB S 59.7TL OPENB	EUR	18,6650	18,6650	17,5650			17,5650					
Certificate	NL0012789929	UCB S 62.2TL OPENB	EUR	16,3450	16,3450	15,2450			15,2450					
Certificate	DE000CV898P7	UCB S 64.6TL OPENZ	EUR	1,7550	1,7550	1,7550			1,7550					
Certificate	NL0012984561	UCB S 69.7TL OPENB	EUR	9,3450	9,3450	8,2450			8,2450					
Certificate	NL0012985436	UCB S 72.2TL OPENB	EUR	7,0250	7,0250	5,9250			5,9250					
Certificate	NL0013011042	UCB S 75.9TS OPENB	EUR											
Certificate	NL0012999718	UCB S 80.7TS OPENB	EUR	13,2750	14,2950	13,2750			14,2950					
Certificate	NL0012988257	UCB S 85.8TS OPENB	EUR	18,7350	19,7550	18,7350			19,7550					
Certificate	NL0012997555	UCB S 90.9TS OPENB	EUR	24,2450	25,2650	24,2450			25,2650					
Certificate	DE000CD64220	UCB S45.67TL OPENZ	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	DE000CR1K602	UCB S51.66TL OPENZ	EUR	2,1650	2,1650	2,1650			2,1650					
Certificate	DE000CE6EA01	UCB S55.63TL OPENZ	EUR	3,5350	3,5350	3,5350			3,5350					
Certificate	DE000CE6FSN3	UCB S59.61TL OPENZ	EUR	2,9200	2,9200	2,7450	3650,0000	1	2,7450	1250				
Certificate	NL0013008782	UCB S65.24BL OPENB	EUR	0,9850	0,9850	0,8750			0,8750					
Certificate	NL0012995476	UCB S68.25BL OPENB	EUR	0,6750	0,6750	0,5500	1100,0000	1	0,5650	2000				
Certificate	DE000CV8AE03	UCB S69.59TL OPENZ	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	NL0012992911	UCB S71.26BL OPENB	EUR	0,3750	0,3750	0,2650			0,2650					
Certificate	NL0013009129	UCB S76.62BS OPENB	EUR	0,3550	0,4550	0,3550			0,4550					
Certificate	NL0012993133	UCB S81.61BS OPENB	EUR	0,8450	0,9550	0,8450			0,9550					
Certificate	DE000CV89C45	UCB S86.24TS OPENZ	EUR	2,7050	2,7050	2,7050			2,7050					
Certificate	NL0012993141	UCB S86.59BS OPENB	EUR	1,3450	1,4450	1,3450			1,4450					
Certificate	DE000CV8AGR4	UCB S96.24TS OPENZ	EUR	4,5550	4,7050	4,5550	1140,0000	1	4,7050	250				
Certificate	NL0012271449	UMICO 29TL OPENB	EUR	31,3600	31,3600	30,5400			30,5400					
Certificate	NL0012494124	UMICO 32TL OPENB	EUR	25,8600	25,8600	25,0400			25,0400					
Certificate	NL0012796692	UMICO 518OC0919Z	EUR	40,8000	40,8000	40,8000			40,8000					
Certificate	NL0009521756	UMICO 9.3TL OPENB	EUR	67,0700	67,0700	66,2800			66,2800					
Certificate	NL000998699	UMICO 11.2TL OPENB	EUR	63,6900	63,6900	62,9000			62,9000					
Certificate	NL0011652474	UMICO 17.7TL OPENB	EUR	51,8600	51,8600	51,0400			51,0400					
Certificate	NL0011806062	UMICO 19.8TL OPENB	EUR	48,0800	48,0800	47,2600			47,2600					
Certificate	NL0011906813	UMICO 22.1TL OPENB	EUR	43,8600	43,8600	43,0400			43,0400					
Certificate	NL0012112551	UMICO 22.9TL OPENB	EUR	42,4600	42,4600	41,6400			41,6400					
Certificate	NL0012118350	UMICO 23.7TL OPENB	EUR	41,0000	41,0000	40,1800			40,1800					
Certificate	NL0012261259	UMICO 25.2TL OPENB	EUR	38,2400	38,2400	37,4200			37,4200					
Certificate	NL0012499032	UMICO 33.5TL OPENB	EUR	23,0400	23,0400	22,2200			22,2200					
Certificate	NL0012512628	UMICO 36.6TL OPENB	EUR	8,7500	8,7500	8,3400			8,3400					
Certificate	NL0012581276	UMICO 37.7TL OPENH	EUR	0,7800	0,7800	0,7300			0,7300					
Certificate	NL0013012917	UMICO 39.6TL OPENB	EUR	5,9800	5,9800	5,5700			5,5700					
Certificate	NL0013010366	UMICO 42.8TS OPENB	EUR											
Certificate	NL0013005663	UMICO 47.8TS OPENB	EUR	11,2800	11,6600	11,2800			11,6600					
Certificate	NL0012986459	UMICO 52.8TS OPENB	EUR	16,7700	17,1500	16,7700			17,1500					



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	NL0012791289	UMICO 57.8TS OPENB	EUR	22,3200	22,7000	22,3200			22,7000					
Certificate	DE000CNGKGK2	UMICO20.18TL OPENZ	EUR	42,9200	42,9200	42,9200			42,9200					
Certificate	DE000CNG6L29	UMICO21.76TL OPENZ	EUR	39,7700	39,7700	39,7700			39,7700					
Certificate	DE000CE6CKM8	UMICO26.48TL OPENZ	EUR	6,0700	6,0700	6,0700			6,0700					
Certificate	NL0012600498	UMICO27.58TL OPENH	EUR	1,7000	1,7000	1,6500			1,6500					
Certificate	DE000CE6CUH7	UMICO29.04TL OPENZ	EUR	5,0500	5,0500	5,0500			5,0500					
Certificate	NL0012581615	UMICO29.62TL OPENH	EUR	1,5100	1,5100	1,4600			1,4600					
Certificate	NL0012581300	UMICO31.65TL OPENH	EUR	1,3300	1,3300	1,2800			1,2800					
Certificate	DE000CE6ER51	UMICO32.02TL OPENZ	EUR	3,8750	3,8750	3,8750			3,8750					
Certificate	NL0012581292	UMICO33.67TL OPENH	EUR	1,1400	1,1800	1,0900	1180,0000	1	1,0900	1000				
Certificate	NL0013008790	UMICO35.158L OPENB	EUR	1,5150	1,5150	1,4350			1,4350					
Certificate	DE000CE6F3L2	UMICO35.51TL OPENZ	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	NL0012581284	UMICO35.69TL OPENH	EUR	0,9600	0,9600	0,9100			0,9100					
Certificate	NL0013007636	UMICO37.158L OPENB	EUR	1,1150	1,1150	1,0350			1,0350					
Certificate	DE000CV502L4	UMICO38.99TL OPENZ	EUR	0,8800	0,8800	0,5650	1672,0000	1	0,5650	1900				
Certificate	NL0013006166	UMICO39.158L OPENB	EUR	0,7150	0,8400	0,6350	1512,0000	1	0,6350	1800				
Certificate	NL0012579627	UMICO39.73TL OPENH	EUR											
Certificate	NL0013013360	UMICO41.158L OPENB	EUR	0,3150	0,3150	0,2350			0,2350					
Certificate	NL0013009137	UMICO42.778S OPENB	EUR											
Certificate	NL0013006315	UMICO46.768S OPENB	EUR	1,1250	1,1950	1,1250			1,1950					
Certificate	NL0012993158	UMICO50.768S OPENB	EUR	1,9250	1,9950	1,9250			1,9950					
Certificate	NL0012993166	UMICO54.748S OPENB	EUR	2,7150	2,7950	2,7150			2,7950					
Certificate	NL0012795975	UNILV LEVOPENZ	EUR	39,2000	39,2000	39,2000			39,2000					
Certificate	NL0012796015	UNILV SHROPENZ	EUR	60,4300	60,4300	60,4300			60,4300					
Certificate	NL0009258631	UNILV 12TL OPENB	EUR	34,5000	34,9900	34,5000			34,9900					
Certificate	NL0011436274	UNILV 32TL OPENB	EUR	15,9000	16,3900	15,9000			16,3900					
Certificate	DE000CX00476	UNILV 32TL OPENC	EUR	18,0800	18,0800	18,0800			18,0800					
Certificate	DE000CC60219	UNILV 33TL OPENC	EUR	16,4100	16,4100	16,4100			16,4100					
Certificate	DE000CW42RF0	UNILV 35TL OPENC	EUR	15,5200	15,5200	15,5200			15,5200					
Certificate	DE000CW42AF6	UNILV 35TL OPENC	EUR	15,3200	15,3200	15,3200			15,3200					
Certificate	DE000CW42VU1	UNILV 36TL OPENC	EUR	12,9100	12,9100	12,9100			12,9100					
Certificate	DE000CW42WU9	UNILV 36TL OPENC	EUR	14,5500	14,5500	14,5500			14,5500					
Certificate	DE000CV8ABV7	UNILV 37TL 1218Z	EUR	1,6800	1,7700	1,6800	504,0000	1	1,7700	300				
Certificate	DE000CJ3N7N1	UNILV 40TL 1218Z	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000CY16CD7	UNILV 40TL OPENC	EUR	9,6200	9,6200	9,6200			9,6200					
Certificate	DE000CY16AZ4	UNILV 40TL OPENC	EUR	7,8100	7,8100	7,8100			7,8100					
Certificate	DE000VA71UD4	UNILV 41TL 0319V	EUR	4,5970	4,5970	4,5970			4,5970					
Certificate	DE000VA7PWY9	UNILV 42TL 0319V	EUR	3,7170	3,7170	3,7170			3,7170					
Certificate	DE000CP07AK3	UNILV 42TL OPENC	EUR	5,8400	5,8400	5,8400			5,8400					
Certificate	DE000CP06XH3	UNILV 42TL OPENC	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	DE000VA7PTL2	UNILV 43TL 0319V	EUR	2,8590	2,8590	2,8590			2,8590					
Certificate	DE000VA32OC4	UNILV 43TL 1218V	EUR	2,9670	2,9670	2,9670			2,9670					
Certificate	DE000CV8ABW5	UNILV 43TL 1218Z	EUR	0,5000	0,5800	0,5000	1500,0000	1	0,5800	3000				
Certificate	DE000VA7PTM0	UNILV 44TL 0319V	EUR	2,0460	2,0460	2,0460			2,0460					
Certificate	DE000VA32OD2	UNILV 44TL 1218V	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000CP06XJ9	UNILV 44TL OPENC	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	DE000CP07AL1	UNILV 44TL OPENC	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	DE000VA7PTN8	UNILV 45TL 0319V	EUR	1,3060	1,3060	1,3060			1,3060					
Certificate	DE000VA32OE0	UNILV 45TL 1218V	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	DE000CQ5B3L1	UNILV 45TL OPENC	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	DE000CQ5AX37	UNILV 45TL OPENC	EUR	1,3500	1,4900	0,8100	416,4000	4	1,4900	370				
Certificate	NL0012649248	UNILV 47BOC1218Z	EUR	46,7850	46,7850	46,7850			46,7850					
Certificate	DE000VA71NN8	UNILV 47TS 0319V	EUR	1,8180	1,8180	1,8180			1,8180					
Certificate	DE000VA71NQ1	UNILV 47TS 1218V	EUR	1,6860	1,6860	1,6860			1,6860					
Certificate	DE000VA7PWW3	UNILV 48TS 0319V	EUR	2,9530	2,9530	2,9530			2,9530					
Certificate	DE000VA7PWZ6	UNILV 48TS 1218V	EUR	2,7450	2,7450	2,7450			2,7450					
Certificate	DE000CP06XK7	UNILV 48TS OPENC	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	DE000CP07AM9	UNILV 48TS OPENC	EUR	4,2000	4,2000	4,2000			4,2000					
Certificate	DE000VA7PTF4	UNILV 49TS 0319V	EUR	3,9960	3,9960	3,9960			3,9960					
Certificate	DE000VA71NS7	UNILV 49TS 1218V	EUR	3,7250	3,7250	3,7250			3,7250					
Certificate	NL0012648877	UNILV 50BON0619Z	EUR	48,2200	48,2200	48,2200			48,2200					
Certificate	DE000VA7PTG2	UNILV 50TS 0319V	EUR	4,9850	4,9850	4,9850			4,9850					
Certificate	DE000VA6D5N3	UNILV 50TS 1218V	EUR	4,6660	4,6660	4,6660			4,6660					
Certificate	DE000VA7PTH0	UNILV 51TS 0319V	EUR	5,9550	5,9550	5,9550			5,9550					
Certificate	DE000VA32OJ9	UNILV 51TS 1218V	EUR	5,6250	5,6250	5,6250			5,6250					
Certificate	DE000VA7PTJ6	UNILV 52TS 0319V	EUR	6,9850	6,9850	6,9850			6,9850					
Certificate	DE000VA32OK7	UNILV 52TS 1218V	EUR	6,6250	6,6250	6,6250			6,6250					
Certificate	NL0012648356	UNILV 53BOC0619Z	EUR	50,6900	50,6900	50,6900			50,6900					
Certificate	DE000VA7PTK4	UNILV 53TS 0319V	EUR	8,0050	8,0050	8,0050			8,0050					
Certificate	DE000VA32OL5	UNILV 53TS 1218V	EUR	7,6250	7,6250	7,6250			7,6250					
Certificate	DE000VA5EL23	UNILV 55TS 1218V	EUR	9,6250	9,6250	9,6250			9,6250					
Certificate	DE000CV50396	UNILV 55TS OPENC	EUR	8,7500	8,7500	8,7500			8,7500					



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	DE000CP067Y9	UNILV 55TS OPENC	EUR	11,3600	11,3600	11,3600			11,3600					
Certificate	DE000CY165F8	UNILV 55TS OPENC	EUR	5,8100	5,8100	5,8100			5,8100					
Certificate	DE000CQ580R4	UNILV 55TS OPENC	EUR	8,7200	8,7200	8,7200			8,7200					
Certificate	DE000CQ5AHT1	UNILV 60TS OPENC	EUR	13,1500	13,1500	13,1500			13,1500					
Certificate	DE000CY16H29	UNILV 60TS OPENC	EUR	12,9200	12,9200	12,9200			12,9200					
Certificate	DE000CY16GE6	UNILV 60TS OPENC	EUR	10,3300	10,3300	10,2100	2054,0000	2	10,2400	200				
Certificate	DE000CQ5BHR3	UNILV 60TS OPENC	EUR	15,9100	15,9100	15,9100			15,9100					
Certificate	NL0009937184	UNILV 15.4TL OPENB	EUR	31,8600	31,8600	31,8600			31,8600					
Certificate	NL0010012126	UNILV 18.3TL OPENB	EUR	29,1600	29,1600	29,1600			29,1600					
Certificate	NL0010174850	UNILV 19.6TL OPENB	EUR	27,9700	27,9700	27,9700			27,9700					
Certificate	NL0011044946	UNILV 21.9TL OPENH	EUR	25,3100	25,7600	25,3100			25,7600					
Certificate	NL0010875399	UNILV 23.5TL OPENB	EUR	23,8300	24,3200	23,8300			24,3200					
Certificate	NL0010899266	UNILV 26.8TL OPENB	EUR	20,8000	21,2900	20,8000			21,2900					
Certificate	NL0011044912	UNILV 28.3TL OPENH	EUR	19,3700	19,8300	19,3700			19,8300					
Certificate	NL0010919924	UNILV 29.4TL OPENB	EUR	18,3400	18,8300	18,3400			18,8300					
Certificate	NL0011044904	UNILV 30.4TL OPENH	EUR	17,3900	17,8500	17,3900			17,8500					
Certificate	NL0011591599	UNILV 32.3TL OPENH	EUR	15,6400	16,1200	15,6400			16,1200					
Certificate	NL0011442447	UNILV 32.6BL OPENB	EUR	13,3400	13,8300	13,3400			13,8300					
Certificate	NL0011591581	UNILV 33.3TL OPENH	EUR	14,6700	15,1600	14,6700			15,1600					
Certificate	NL0011423298	UNILV 34.3TL OPENH	EUR	13,7400	14,1900	13,7400			14,1900					
Certificate	NL0012036073	UNILV 34.6TL OPENB	EUR	13,4700	13,9600	13,4700	137050,0000	2	13,9600	10000				
Certificate	LU1841031179	UNILV 36.3TCIOPENS	EUR	10,1200	10,1200	10,1200			10,1200					
Certificate	NL0012112320	UNILV 37.2TL OPENB	EUR	11,0700	11,5600	11,0700	295,1000	1	11,5600	26				
Certificate	DE000VN6ZDV1	UNILV 37.9TL OPENV	EUR	9,1850	9,1850	9,1850			9,1850					
Certificate	DE000VN6ZDX7	UNILV 38.9TL OPENV	EUR	8,1550	8,1550	8,1550			8,1550					
Certificate	NL0012112569	UNILV 39.8TL OPENB	EUR	8,6800	9,1700	8,6800	8900,0000	1	9,1700	1000				
Certificate	DE000VN6ZDZ2	UNILV 39.9TL OPENV	EUR	7,1250	7,1250	7,1250			7,1250					
Certificate	DE000VN6ZD12	UNILV 40.9TL OPENV	EUR	6,1050	6,1050	6,1050			6,1050					
Certificate	DE000VN6ZD20	UNILV 41.9TL OPENV	EUR	4,6580	5,3000	4,6580	17525,2000	6	5,0300	3600				
Certificate	NL0012777940	UNILV 42.3TL OPENB	EUR	6,3300	6,8200	6,1000	6110,0000	1	6,8200	1000				
Certificate	DE000VL8XHA9	UNILV 42.4TL OPENV	EUR	4,0670	4,0670	4,0670			4,0670					
Certificate	NL0012785968	UNILV 44.8TL OPENB	EUR	3,9600	4,4500	3,9600	507,9900	1	4,4500	123				
Certificate	NL0012648869	UNILV 46.5BON1218Z	EUR	47,0900	47,0900	47,0900			47,0900					
Certificate	NL0013007412	UNILV 47.9TS OPENB	EUR	6,2600	6,2600	5,7600			5,7600					
Certificate	NL0011044839	UNILV 50.7TS OPENH	EUR	9,2200	9,2200	8,8000	6321,0000	1	8,8000	700				
Certificate	NL0012112692	UNILV 51.8BS OPENB	EUR	6,4900	6,4900	5,9900	49240,0000	4	5,9900	8000				
Certificate	NL0012112411	UNILV 52.9TS OPENB	EUR	11,6100	11,6100	11,1100			11,1100					
Certificate	NL0011423231	UNILV 56.3TS OPENH	EUR	15,3000	15,3000	14,8800	607,6000	1	14,8800	40				
Certificate	NL0012774459	UNILV 57.9TS OPENB	EUR	17,0200	17,0200	16,5200			16,5200					
Certificate	NL0011423223	UNILV 59.1TS OPENH	EUR	18,3200	18,3200	17,9200			17,9200					
Certificate	NL0012792253	UNILV 61.5BS OPENB	EUR	16,1900	16,1900	15,6900			15,6900					
Certificate	NL0012982581	UNILV 62.8TS OPENB	EUR	22,3600	22,3600	21,8600			21,8600					
Certificate	DE000CZ0HND8	UNILV27.51TL OPENZ	EUR	18,6000	18,6000	18,6000			18,6000					
Certificate	DE000CF80ZW3	UNILV27.67TL OPENC	EUR	21,9300	21,9300	21,9300			21,9300					
Certificate	DE000CC3ZFY9	UNILV28.81TL OPENC	EUR	20,7500	20,7500	20,7500			20,7500					
Certificate	DE000CR4JEN4	UNILV32.12TL OPENZ	EUR	13,9900	13,9900	13,9900			13,9900					
Certificate	NL0011442454	UNILV35.31BL OPENB	EUR	10,6100	11,1200	10,6100	2179,0000	2	11,1000	200				
Certificate	DE000CN6EXD5	UNILV35.78TL OPENZ	EUR	10,3400	10,3400	10,3400			10,3400					
Certificate	DE000VN6Y2P3	UNILV36.11TL OPENV	EUR	11,2450	11,2450	11,2450			11,2450					
Certificate	DE000VN6Y2Q1	UNILV37.11TL OPENV	EUR	10,2150	10,2150	10,2150			10,2150					
Certificate	NL0012112452	UNILV37.92BL OPENB	EUR	8,0200	8,5100	8,0200			8,5100					
Certificate	DE000CE6BP07	UNILV38.77TL OPENZ	EUR	7,3400	7,3400	7,3400			7,3400					
Certificate	NL0012684534	UNILV40.59BL OPENB	EUR	5,3500	5,8400	5,3500	2835,0000	1	5,8400	500				
Certificate	DE000VN6ZDP3	UNILV40.86TL OPENV	EUR											
Certificate	DE000CE6BSD2	UNILV41.74TL OPENZ	EUR	4,4150	4,4150	4,4150			4,4150					
Certificate	LU1696513966	UNILV41.94TCIOPENS	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	NL0012778476	UNILV43.11BL OPENB	EUR	2,8300	3,4900	2,8300	20498,5000	6	3,3200	6430				
Certificate	DE000VA1B3Q8	UNILV43.44TL OPENV	EUR	2,7000	3,0600	2,7000	675,0000	1	3,0600	250				
Certificate	LU1719638774	UNILV43.68TCIOPENS	EUR	2,3900	2,9400	2,3900	119,5000	1	2,9400	50				
Certificate	DE000VA1B3T2	UNILV44.44TL OPENV	EUR	2,1310	2,1570	2,0720	3409,6000	1	2,0720	1600				
Certificate	DE000VA1SUX2	UNILV45.17TL OPENV	EUR											
Certificate	LU1756735715	UNILV45.35TCIOPENS	EUR											
Certificate	NL0012972178	UNILV45.61BL OPENB	EUR											
Certificate	DE000CV89QZ3	UNILV45.68TL OPENZ	EUR											
Certificate	DE000VA71TH7	UNILV46.65TS OPENV	EUR											
Certificate	NL0013011448	UNILV46.81BS OPENB	EUR											
Certificate	LU1841030106	UNILV46.89TPIOPENS	EUR											
Certificate	DE000VA7TGV0	UNILV47.65TS OPENV	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	DE000VA7TGX6	UNILV48.65TS OPENV	EUR	2,8660	2,8660	2,8660			2,8660					
Certificate	LU1817291807	UNILV49.36TPIOPENS	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	DE000VA6D5M5	UNILV49.77TS OPENV	EUR	3,8570	3,8570	3,8570			3,8570					
Certificate	LU1817099523	UNILV51.03TPIOPENS	EUR	5,0800	5,0800	5,0800			5,0800					



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	LU1756907785	UNILV53.21TPIOPENS	EUR	6,4600	6,4600	6,4600			6,4600					
Certificate	NL0012494660	UNILV53.25BOC1218B	EUR	52,3200	52,5700	52,3200			52,5700					
Certificate	DE000CE6CSJ7	UNILV53.38TS OPENZ	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000VN66T32	UNILV54.21TS OPENV	EUR	4,8510	4,8510	4,8510			4,8510					
Certificate	DE000VN66T40	UNILV55.21TS OPENV	EUR	5,8150	5,8150	5,8150			5,8150					
Certificate	NL0012258560	UNILV56.57BS OPENB	EUR	11,2500	11,2500	10,7600			10,7600					
Certificate	DE000VN66XU5	UNILV57.05TS OPENV	EUR	7,7750	7,7750	7,7750			7,7750					
Certificate	DE000VASEL15	UNILV57.86TS OPENV	EUR	11,8250	11,8250	11,8250			11,8250					
Certificate	DE000CV888N3	UNILV58.36TS OPENZ	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	DE000VL2FTF3	UNILV58.49TS OPENV	EUR	9,7250	9,7250	9,7250			9,7250					
Certificate	DE000CV8AGS2	UNILV63.36TS OPENZ	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	NL0013083082	UNITA 10TL OPENH	EUR	2,6800	2,6800	2,2800			2,2800					
Certificate	NL0012906671	UNITA 13TS OPENH	EUR	1,9700	2,4400	1,9700			2,4400					
Certificate	NL0012905061	UNITA 14TS OPENH	EUR	3,1400	3,6100	3,1400			3,6100					
Certificate	NL0012936876	UNITA 15TS OPENH	EUR	4,2000	4,6700	4,2000			4,6700					
Certificate	NL0012934616	UNITA 16TS OPENH	EUR	5,2400	5,7100	5,2400			5,7100					
Certificate	NL0013083090	UNITA 9.5TL OPENH	EUR	3,1500	3,1500	2,7500			2,7500					
Certificate	NL0012889059	UNITA 10.6TL OPENH	EUR	2,1400	2,1400	1,7400			1,7400					
Certificate	NL0012938252	UNITA 11.1TL OPENH	EUR	1,6600	1,6600	1,2600			1,2600					
Certificate	NL0012914972	UNITA 11.7TL OPENH	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	NL0013083074	UNITA 12.2TS OPENH	EUR											
Certificate	NL0012907034	UNITA 12.8TS OPENH	EUR	1,7600	2,2300	1,7600			2,2300					
Certificate	NL0012905079	UNITA 13.8TS OPENH	EUR	2,9200	3,3900	2,9200			3,3900					
Certificate	NL0012936892	UNITA 14.3TS OPENH	EUR	3,4600	3,9300	3,4600			3,9300					
Certificate	NL0012936884	UNITA 14.6TS OPENH	EUR	3,7800	4,2500	3,7800			4,2500					
Certificate	NL0012935647	UNITA 14.8TS OPENH	EUR	3,9700	4,4400	3,9700			4,4400					
Certificate	NL0012914857	UNITA 15.2TS OPENH	EUR	4,3700	4,8400	4,3700			4,8400					
Certificate	NL0012914840	UNITA 15.5TS OPENH	EUR	4,6900	5,1600	4,6900			5,1600					
Certificate	NL0012914832	UNITA 15.7TS OPENH	EUR	4,9000	5,3700	4,9000			5,3700					
Certificate	NL0012914824	UNITA 16.2TS OPENH	EUR	5,4300	5,9000	5,4300			5,9000					
Certificate	NL0012914816	UNITA 16.7TS OPENH	EUR	5,9500	6,4200	5,9500			6,4200					
Certificate	NL0012914808	UNITA 17.2TS OPENH	EUR	6,4800	6,9500	6,4800			6,9500					
Certificate	NL0012914790	UNITA 17.7TS OPENH	EUR	7,0100	7,4800	7,0100			7,4800					
Certificate	NL0012926430	UNITA 18.1TS OPENH	EUR	7,5000	7,9600	7,5000			7,9600					
Certificate	NL0012914782	UNITA 20.6TS OPENH	EUR	10,1800	10,6500	10,1800			10,6500					
Certificate	DE000CJ3NYC9	UNITA10.12TL OPENZ	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	DE000CD632J1	UNITA11.13TL OPENZ	EUR	0,1600	0,1600	0,1020	7000,0000	2	0,1020	43750				
Certificate	DE000CV8A7T3	UNITA9.122TL OPENZ	EUR	2,4750	2,4750	2,4750			2,4750					
Certificate	DE000CN6JL79	UPC 78.8TL OPENZ	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	NL0012795991	URW LEVOPENZ	EUR	33,0000	33,0000	33,0000			33,0000					
Certificate	NL0012796031	URW SHROPENZ	EUR	67,3000	67,3000	67,3000			67,3000					
Certificate	NL0012789127	URW 115TL OPENB	EUR	5,4900	5,4900	5,4000			5,4000					
Certificate	DE000CP06XD2	URW 120TL OPENC	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	DE000CP07AE6	URW 120TL OPENC	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	DE000CP07AF3	URW 140TL OPENC	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	DE000CP07AG1	URW 150TL OPENC	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	NL0011044813	URW 159TL OPENH	EUR											
Certificate	DE000CP06XE0	URW 160TS OPENC	EUR											
Certificate	DE000CP06XF7	URW 170TS OPENC	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000CP07AH9	URW 170TS OPENC	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	NL0012796395	URW 179BOC1219Z	EUR	159,2000	159,2000	159,2000			159,2000					
Certificate	DE000CP07AJ5	URW 180TS OPENC	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	DE000CP06XG5	URW 180TS OPENC	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	NL0012796387	URW 181BOC0919Z	EUR	160,2600	160,2600	160,2600			160,2600					
Certificate	NL0012796288	URW 189BON0919Z	EUR	164,4500	164,4500	164,4500			164,4500					
Certificate	NL0012796296	URW 189BON1219Z	EUR	162,3700	162,3700	162,3700			162,3700					
Certificate	NL0012795637	URW 200BOC0619Z	EUR	154,9900	154,9900	154,9900			154,9900					
Certificate	NL0012795645	URW 204BOC0919Z	EUR	155,8800	155,8800	155,8800			155,8800					
Certificate	NL0012648844	URW 205BON1218Z	EUR	183,3250	183,3250	183,3250			183,3250					
Certificate	NL0012648851	URW 208BON0619Z	EUR	177,8000	177,8000	177,8000			177,8000					
Certificate	NL0012649222	URW 214BOC1218Z	EUR	182,9200	182,9200	182,9200			182,9200					
Certificate	NL0012649230	URW 224BOC0619Z	EUR	180,5050	180,5050	180,5050			180,5050					
Certificate	NL0011044748	URW 231TS OPENH	EUR	8,8600	8,9800	8,8600			8,9800					
Certificate	NL0012236319	URW 238BOC1218Z	EUR	160,0500	160,0500	160,0500			160,0500					
Certificate	LU1841030957	URW 148.TCIOPENS	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	NL0012696389	URW 159.BL OPENB	EUR											
Certificate	DE000CW42VS5	URW 212.TS OPENC	EUR	4,9800	4,9800	4,9800			4,9800					
Certificate	DE000CE6CK50	URW 246.TS OPENZ	EUR											
Certificate	DE000CV8B6Q0	URW 110.1TL OPENZ	EUR	2,5450	2,5450	2,5450			2,5450					
Certificate	NL0013011380	URW 128.6BL OPENB	EUR	3,5500	3,5500	3,4600			3,4600					
Certificate	DE000CV505W4	URW 130.1TL OPENZ	EUR	1,5450	1,5450	1,5450			1,5450					
Certificate	DE000CQ5AFU3	URW 136.2TL OPENC	EUR	2,3700	2,3700	2,3700			2,3700					



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	NL0013011794	URW 137.2TL OPENB	EUR	3,4200	3,4200	3,3300			3,3300					
Certificate	NL0012685986	URW 138.6BL OPENB	EUR	2,5400	2,5400	2,4500	2470,0000	1	2,4500	1000				
Certificate	LU1841030874	URW 140.2TCIOPENS	EUR	2,3500	2,3500	2,3500			2,3500					
Certificate	DE000CV4ZUU5	URW 142.1TL OPENZ	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	NL0012686653	URW 147.2TL OPENB	EUR	2,5000	2,5000	2,4100			2,4100					
Certificate	NL0012682462	URW 148.8BL OPENB	EUR	1,5200	1,5900	1,4300	237,0000	1	1,4300	150				
Certificate	LU1841031096	URW 151.3TCIOPENS	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000CX59L06	URW 151.3TL OPENC	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	DE000CX59QE7	URW 152.5TL OPENC	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	DE000CNGIP91	URW 154.3TL OPENZ	EUR	0,3450	0,3450	0,3450			0,3450					
Certificate	NL0010893723	URW 157.4TL OPENB	EUR											
Certificate	DE000CV509A2	URW 162.3TL OPENZ	EUR											
Certificate	LU1841029942	URW 163.5TPIOPIENS	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	NL0013010671	URW 164.9BS OPENB	EUR	0,5500	0,6200	0,5500			0,6200					
Certificate	LU1841030015	URW 171.3TPIOPIENS	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	DE000CJ3N5J3	URW 176.2TS OPENZ	EUR	0,8050	0,8050	0,8050			0,8050					
Certificate	NL0013005002	URW 177.2TS OPENZ	EUR	3,0000	3,0700	3,0000			3,0700					
Certificate	NL0012994446	URW 179.9BS OPENB	EUR	2,0500	2,1300	2,0500			2,1300					
Certificate	NL0012681985	URW 194.8BS OPENB	EUR	3,5400	3,6200	3,5400			3,6200					
Certificate	DE000CV501H4	URW 196.2TS OPENZ	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	NL0012683049	URW 197.1TS OPENB	EUR	5,1400	5,2300	5,1400			5,2300					
Certificate	DE000CV52MK6	URW 201.6TS OPENC	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	NL0012793095	URW 205.7BOCI218B	EUR	161,5000	161,5000	160,7000			160,7000					
Certificate	DE000CC603M1	URW 213.7TS OPENC	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	NL0011443668	URW 214.3BS OPENB	EUR	5,4800	5,5700	5,4800			5,5700					
Certificate	NL0012275739	URW 216.5TS OPENB	EUR	7,2400	7,3300	7,2400			7,3300					
Certificate	DE000CW42RE3	URW 217.5TS OPENC	EUR	7,1200	7,1200	7,1200			7,1200					
Certificate	DE000CE68X56	URW 218.1TS OPENZ	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	DE000CX00P36	URW 221.5TS OPENC	EUR	7,5400	7,5400	7,5400			7,5400					
Certificate	DE000CX017M9	URW 226.4TS OPENC	EUR	8,0800	8,0800	8,0800			8,0800					
Certificate	DE000CNGHP93	USCAD 1.52TS OPENZ	EUR	14,4200	14,4200	14,3600			14,3600					
Certificate	DE000CE6E2B6	USCAD1.104TL OPENZ	EUR	13,4500	13,5200	13,4500			13,5200					
Certificate	DE000CNGL915	USCAD1.167TL OPENZ	EUR	9,2600	9,3300	9,2600			9,3300					
Certificate	DE000CR6XLP0	USCAD1.232TL OPENZ	EUR	4,9650	5,0350	4,9650			5,0350					
Certificate	DE000CJ3NL17	USCAD1.329TS OPENZ	EUR	1,7150	1,7150	1,6450			1,6450					
Certificate	DE000CR9S8S0	USCAD1.379TS OPENZ	EUR	5,0200	5,0200	4,9650			4,9650					
Certificate	DE000CNG6Q28	USCAD1.448TS OPENZ	EUR	9,6000	9,6000	9,5400			9,5400					
Certificate	DE000CE6C8Z4	USDCH 1.03TS OPENZ	EUR	3,1500	3,1650	3,1500			3,1650					
Certificate	DE000CE6E2C4	USDCHO.807TL OPENZ	EUR	16,5500	16,5650	16,5500			16,5650					
Certificate	DE000CE6CEV2	USDCHO.855TL OPENZ	EUR	12,4100	12,4150	12,4100			12,4150					
Certificate	DE000CE6C8M2	USDCHO.918TL OPENZ	EUR	6,8800	6,8800	6,8700			6,8700					
Certificate	DE000CJ3NY20	USDCHO.958TL OPENZ	EUR	3,4000	3,4000	3,3950			3,3950					
Certificate	DE000CE6CAR8	USDCH1.081TS OPENZ	EUR	7,5900	7,6100	7,5900			7,6100					
Certificate	DE000CV88LV5	USDCH1.121TS OPENZ	EUR	11,0500	11,0700	11,0500			11,0700					
Certificate	NL0012520183	USJPY 111TRLOPENH	EUR											
Certificate	NL0012089965	USJPY 100.TL OPENH	EUR	10,2400	10,2400	10,2400			10,2400					
Certificate	NL0012089957	USJPY 101.TL OPENH	EUR	9,4700	9,4700	9,4700			9,4700					
Certificate	NL0012089940	USJPY 102.TL OPENH	EUR	8,6900	8,6900	8,6900			8,6900					
Certificate	NL0012436695	USJPY 104.TRLOPENH	EUR	6,4100	6,4100	6,4100			6,4100					
Certificate	NL0012846471	USJPY 107.TRLOPENH	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	NL0012911242	USJPY 108.TRLOPENH	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	NL0012891014	USJPY 110.TRLOPENH	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	NL0012520191	USJPY 111.TRLOPENH	EUR											
Certificate	NL0012901987	USJPY 111.TRLOPENH	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	NL0012905756	USJPY 112.TRLOPENH	EUR											
Certificate	NL0013078215	USJPY 115.TRSOPENH	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	NL0013078207	USJPY 116.TRSOPENH	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	NL0012089668	USJPY 118.TS OPENH	EUR	5,3300	5,3300	5,3300			5,3300					
Certificate	NL0012089650	USJPY 119.TS OPENH	EUR	6,0700	6,0700	6,0700			6,0700					
Certificate	NL0012089981	USJPY 97.2TL OPENH	EUR	12,4100	12,4100	12,4100			12,4100					
Certificate	NL0010374500	USJPY 99.8TL OPENB	EUR	11,1900	11,1900	11,1900			11,1900					
Certificate	DE000CNGJQN7	USJPY101.3TL OPENZ	EUR	8,6700	8,6700	8,4650			8,4650					
Certificate	NL0012028963	USJPY102.5TL OPENB	EUR	9,1000	9,1000	9,1000			9,1000					
Certificate	NL0012688394	USJPY103.1BL OPENB	EUR	7,1100	7,1100	7,1100			7,1100					
Certificate	NL0012089932	USJPY103.1TL OPENH	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	NL0012089924	USJPY104.1TL OPENH	EUR	7,1400	7,1400	7,1400			7,1400					
Certificate	NL0012492995	USJPY105.1BL OPENB	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	NL0012615298	USJPY105.3TRLOPENH	EUR	5,3800	5,3800	5,3800			5,3800					
Certificate	NL0012785570	USJPY105.6TL OPENB	EUR	6,7800	6,7800	6,7800			6,7800					
Certificate	NL0012615256	USJPY106.3TRLOPENH	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	NL0012615231	USJPY106.8TRLOPENH	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	NL0012846505	USJPY106.8TRLOPENH	EUR	4,1900	4,1900	4,1900			4,1900					



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	NL0012790596	USJPY107.2BL OPENB	EUR	3,9900	3,9900	3,9900			3,9900					
Certificate	NL0012615215	USJPY107.2TRLOPENH	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	NL0012615173	USJPY107.4TRLOPENH	EUR	3,7600	3,7600	3,7600			3,7600					
Certificate	NL0012615132	USJPY107.6TRLOPENH	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	NL0012615090	USJPY107.8TRLOPENH	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	NL0012089874	USJPY108.2TL OPENH	EUR											
Certificate	NL0012210926	USJPY108.2TRLOPENH	EUR											
Certificate	NL0012206361	USJPY108.3TRLOPENH	EUR											
Certificate	NL0012092787	USJPY108.3TRLOPENH	EUR											
Certificate	NL0012206353	USJPY108.4TRLOPENH	EUR											
Certificate	NL0012920623	USJPY108.4TRLOPENH	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	NL0012206346	USJPY108.4TRLOPENH	EUR											
Certificate	NL0012092779	USJPY108.5TRLOPENH	EUR											
Certificate	NL0012979827	USJPY108.6TL OPENB	EUR	4,6900	4,6900	4,4800	14,0700	1	4,4800		3			
Certificate	NL0012206338	USJPY108.6TRLOPENH	EUR											
Certificate	NL0012911218	USJPY108.6TRLOPENH	EUR	2,7700	2,7700	2,7700			2,7700					
Certificate	NL0012206320	USJPY108.6TRLOPENH	EUR											
Certificate	NL0012206312	USJPY108.7TRLOPENH	EUR											
Certificate	NL0012919138	USJPY108.9TRLOPENH	EUR	2,6000	2,6000	2,6000				2,6000				
Certificate	NL0012980056	USJPY109.1BL OPENB	EUR	2,4500	2,4500	2,4500				2,4500				
Certificate	NL0012919369	USJPY109.1TRLOPENH	EUR	2,4500	2,4500	2,4500				2,4500				
Certificate	NL0012924914	USJPY109.3TRLOPENH	EUR	2,2800	2,2800	2,2800				2,2800				
Certificate	NL0012925564	USJPY109.6TRLOPENH	EUR	2,0500	2,0500	2,0500				2,0500				
Certificate	NL0013082969	USJPY109.7TRLOPENH	EUR	1,9500	1,9500	1,9500				1,9500				
Certificate	NL0012891055	USJPY109.8TRLOPENH	EUR	1,8700	1,8700	1,8700				1,8700				
Certificate	NL0012890974	USJPY110.2TRLOPENH	EUR	1,5600	1,5600	1,5600				1,5600				
Certificate	NL0013081219	USJPY110.3TRLOPENH	EUR	1,4600	1,4600	1,4600				1,4600				
Certificate	NL0012901037	USJPY110.4TRLOPENH	EUR	1,3800	1,3800	1,3800				1,3800				
Certificate	NL0012900997	USJPY110.6TRLOPENH	EUR	1,2200	1,2200	1,2200				1,2200				
Certificate	NL0012520266	USJPY110.6TRLOPENH	EUR											
Certificate	NL0012901375	USJPY110.7TRLOPENH	EUR	1,1400	1,1400	1,1400				1,1400				
Certificate	NL0012520258	USJPY110.7TRLOPENH	EUR											
Certificate	NL0012520241	USJPY110.7TRLOPENH	EUR											
Certificate	NL0012520225	USJPY110.8TRLOPENH	EUR											
Certificate	NL0012520233	USJPY110.8TRLOPENH	EUR											
Certificate	NL0012901581	USJPY110.8TRLOPENH	EUR	1,1000	1,1000	1,1000				1,1000				
Certificate	NL0012520209	USJPY110.9TRLOPENH	EUR											
Certificate	NL0012901995	USJPY110.9TRLOPENH	EUR	1,0300	1,0300	1,0300				1,0300				
Certificate	NL0012520217	USJPY110.9TRLOPENH	EUR											
Certificate	NL0012520167	USJPY111.1TRLOPENH	EUR											
Certificate	NL0012903603	USJPY111.1TRLOPENH	EUR	0,8300	0,8300	0,8300				0,8300				
Certificate	NL0012520175	USJPY111.1TRLOPENH	EUR											
Certificate	NL0012520159	USJPY111.2TRLOPENH	EUR											
Certificate	NL0012903595	USJPY111.2TRLOPENH	EUR	0,7900	0,7900	0,7900				0,7900				
Certificate	NL0012903587	USJPY111.2TRLOPENH	EUR	0,7500	0,7500	0,7500				0,7500				
Certificate	NL0012903561	USJPY111.3TRLOPENH	EUR	0,6700	0,6700	0,6700				0,6700				
Certificate	NL0012903579	USJPY111.3TRLOPENH	EUR	0,7100	0,7100	0,7100				0,7100				
Certificate	NL0012903546	USJPY111.4TRLOPENH	EUR	0,5900	0,5900	0,5900				0,5900				
Certificate	NL0012903553	USJPY111.4TRLOPENH	EUR	0,6300	0,6300	0,6300				0,6300				
Certificate	NL0012903538	USJPY111.5TRLOPENH	EUR	0,5500	0,5500	0,5500				0,5500				
Certificate	NL0012903520	USJPY111.5TRLOPENH	EUR	0,5200	0,5200	0,5200				0,5200				
Certificate	NL0012904882	USJPY111.7TRLOPENH	EUR											
Certificate	NL0012906440	USJPY111.8TRLOPENH	EUR											
Certificate	NL0012209944	USJPY111.8TRLOPENH	EUR											
Certificate	NL0012209951	USJPY111.8TRLOPENH	EUR											
Certificate	NL0012209936	USJPY111.9TRLOPENH	EUR											
Certificate	NL0013082951	USJPY112.9TRLOPENH	EUR	0,6100	0,6100	0,6100				0,6100				
Certificate	NL0013082944	USJPY113.1TRLOPENH	EUR	0,7200	0,7200	0,7200				0,7200				
Certificate	NL0013082936	USJPY113.2TRLOPENH	EUR	0,8400	0,8400	0,8400				0,8400				
Certificate	NL0013081201	USJPY113.3TRLOPENH	EUR	0,9200	0,9200	0,9200				0,9200				
Certificate	NL0013081193	USJPY113.5TRLOPENH	EUR	1,0400	1,0400	1,0400				1,0400				
Certificate	NL0013081185	USJPY113.6TRLOPENH	EUR	1,1500	1,1500	1,1500				1,1500				
Certificate	NL0013081177	USJPY113.8TRLOPENH	EUR	1,2700	1,2700	1,2700				1,2700				
Certificate	NL0013081169	USJPY113.9TRLOPENH	EUR	1,3900	1,3900	1,3900				1,3900				
Certificate	NL0013081151	USJPY114.1TRLOPENH	EUR	1,5000	1,5000	1,5000				1,5000				
Certificate	NL0013079684	USJPY114.3TRLOPENH	EUR	1,6700	1,6700	1,6700				1,6700				
Certificate	NL0013079692	USJPY114.3TRLOPENH	EUR	1,6300	1,6300	1,6300				1,6300				
Certificate	NL0012893093	USJPY114.4TRLOPENH	EUR	1,7800	1,7800	1,7800				1,7800				
Certificate	NL0013079676	USJPY114.4TRLOPENH	EUR	1,7200	1,7200	1,7200				1,7200				
Certificate	NL0012904866	USJPY114.6TRLOPENH	EUR	1,9400	1,9400	1,9400				1,9400				
Certificate	NL0013079866	USJPY114.8TRLOPENH	EUR	2,0300	2,0300	2,0300				2,0300				
Certificate	NL0012906424	USJPY114.9TRLOPENH	EUR	2,1200	2,1200	2,1200				2,1200				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012905749	USJPY115.1TRSOPENH	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	NL0012906416	USJPY115.2TRSOPENH	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	NL0012089692	USJPY115.2TS OPENH	EUR	3,1100	3,1100	3,1100				3,1100				
Certificate	NL0012906200	USJPY115.3TRSOPENH	EUR	2,4500	2,4500	2,4500				2,4500				
Certificate	NL0012904858	USJPY115.5TRSOPENH	EUR	2,6000	2,6000	2,6000				2,6000				
Certificate	NL0012276687	USJPY115.6BS OPENB	EUR	2,7200	2,7200	2,7200				2,7200				
Certificate	NL0012906408	USJPY115.6TRSOPENH	EUR	2,7000	2,7000	2,7000				2,7000				
Certificate	NL0012906192	USJPY115.8TRSOPENH	EUR	2,8400	2,8400	2,8400				2,8400				
Certificate	NL0012907414	USJPY116.1TRSOPENH	EUR	3,0700	3,0700	3,0700				3,0700				
Certificate	NL0012089684	USJPY116.1TS OPENH	EUR	3,8500	3,8500	3,8500				3,8500				
Certificate	NL0012895783	USJPY116.5TRSOPENH	EUR	3,3900	3,3900	3,3900				3,3900				
Certificate	NL0012036453	USJPY116.5TS OPENB	EUR	5,2400	5,2400	5,2400				5,2400				
Certificate	NL0012089676	USJPY117.1TS OPENH	EUR	4,5900	4,5900	4,5900				4,5900				
Certificate	NL0012901946	USJPY117.2TRSOPENH	EUR	3,9000	3,9000	3,9000				3,9000				
Certificate	NL0012904841	USJPY117.7TRSOPENH	EUR	4,3500	4,3500	4,3500				4,3500				
Certificate	NL0012980064	USJPY118.6BS OPENB	EUR	5,0400	5,0400	5,0400				5,0400				
Certificate	NL0012906184	USJPY118.6TRSOPENH	EUR	4,9700	4,9700	4,9700				4,9700				
Certificate	NL0012907406	USJPY119.3TRSOPENH	EUR	5,5900	5,5900	5,5900				5,5900				
Certificate	NL0012089643	USJPY119.9TS OPENH	EUR	6,8000	6,8000	6,8000				6,8000				
Certificate	NL0012089635	USJPY120.9TS OPENH	EUR	7,5400	7,5400	7,5400				7,5400				
Certificate	DE000CR6YA82	USJPY121.4TS OPENZ	EUR	6,9300	7,2000	6,9300				7,2000				
Certificate	NL0012981591	USJPY121.5TS OPENB	EUR	9,1400	9,1400	9,1400				9,1400				
Certificate	NL0013003544	USJPY121.6BS OPENB	EUR	7,3800	7,3800	7,3800				7,3800				
Certificate	NL0012089627	USJPY121.8TS OPENH	EUR	8,2800	8,2800	8,2800				8,2800				
Certificate	NL0012089619	USJPY122.8TS OPENH	EUR	9,0200	9,0200	9,0200				9,0200				
Certificate	NL0012581318	USJPY94.11TL OPENH	EUR	14,7900	14,7900	14,7900				14,7900				
Certificate	DE000CN6KZLO	USJPY95.26TL OPENZ	EUR	13,3600	13,3600	13,1700				13,1700				
Certificate	DE000CN6KWF9	USJPY97.26TL OPENZ	EUR	11,8100	11,8100	11,6100				11,6100				
Certificate	NL0012089973	USJPY99.01TL OPENH	EUR	11,0200	11,0200	11,0200				11,0200				
Certificate	NL0011232863	USJPY99.27TL OPENH	EUR	11,2000	11,2000	11,2000				11,2000				
Certificate	DE000CN6JQP2	USJPY99.31TL OPENZ	EUR	10,2200	10,2200	10,0200				10,0200				
Certificate	DE000CV507U4	UU 4.705TL OPENZ	EUR	1,3500	1,3500	1,3500				1,3500				
Certificate	DE000CE6F694	UU 5.712TL OPENZ	EUR	0,7700	0,7700	0,7700				0,7700				
Certificate	DE000CV8ATK2	VALE 10.64TL OPENZ	EUR	4,5950	4,5950	4,5950				4,5950				
Certificate	DE000CJ3NLO9	VALE 12.75TL OPENZ	EUR	2,8450	2,8450	2,8450				2,8450				
Certificate	DE000CJ3NS28	VALE 14.24TL OPENZ	EUR	1,6150	1,6150	1,6150				1,6150				
Certificate	DE000CV8BDC1	VALEO23.35TL OPENZ	EUR	0,7600	0,7600	0,7600				0,7600				
Certificate	DE000CV8AHF7	VALEO28.38TL OPENZ	EUR	0,2700	0,2700	0,2700				0,2700				
Certificate	NL0012437339	VALOU 4.1TL OPENH	EUR	0,1000	0,1000	0,0900				0,0900				
Certificate	NL0012212104	VALOU 6.6TS OPENH	EUR	0,3000	0,3000	0,3000				0,3000				
Certificate	NL0011807490	VALOU 2.88TL OPENB	EUR	1,9900	1,9900	1,9400				1,9400				
Certificate	NL0011891585	VALOU 3.02TL OPENH	EUR	0,1900	0,1900	0,1900				0,1900				
Certificate	NL0012281190	VALOU 3.92TL OPENB	EUR	1,0400	1,0400	0,9900				0,9900				
Certificate	DE000CD634X2	VALOU 4.04TL OPENZ	EUR	0,1300	0,1300	0,1300				0,1300				
Certificate	NL0012511646	VALOU 4.18TL OPENB	EUR	0,8000	0,8000	0,7500				0,7500				
Certificate	NL0012781751	VALOU 4.44TL OPENB	EUR	0,5700	0,5700	0,5200				0,5200				
Certificate	NL0013006034	VALOU 5.19TS OPENB	EUR	1,2000	1,2300	1,2000				1,2300				
Certificate	NL0012935514	VALOU 5.41TS OPENH	EUR	0,1600	0,1600	0,1600				0,1600				
Certificate	NL0012986467	VALOU 5.68TS OPENB	EUR	1,7500	1,7700	1,7500				1,7700				
Certificate	NL0012865042	VALOU 5.81TS OPENH	EUR	0,2100	0,2100	0,2100				0,2100				
Certificate	NL0012245013	VALOU 6.23TS OPENH	EUR	0,2500	0,2600	0,2500				0,2600				
Certificate	NL0012172456	VALOU 6.57TS OPENH	EUR	0,2900	0,3000	0,2900				0,3000				
Certificate	NL0012243364	VALOU 6.61TS OPENH	EUR	0,3000	0,3000	0,3000				0,3000				
Certificate	DE000CN6K966	VALOU2.964TL OPENZ	EUR	0,6650	0,6650	0,6650				0,6650				
Certificate	DE000CV87LKO	VALOU3.534TL OPENZ	EUR	0,2600	0,2600	0,2600				0,2600				
Certificate	DE000CV88C46	VALOU4.532TL OPENZ	EUR											
Certificate	NL0013011059	VASTN 34TS OPENB	EUR	0,8000	0,8000	0,7300				0,7300				
Certificate	DE000CV8AUy1	VASTN 21.7TL OPENZ	EUR	2,5350	2,5350	2,5350				2,5350				
Certificate	DE000CV8BCW1	VASTN19.56TL OPENZ	EUR	2,9350	2,9350	2,9350				2,9350				
Certificate	DE000CV889G5	VASTN23.81TL OPENZ	EUR	2,1350	2,1350	2,1350				2,1350				
Certificate	DE000CE6CV9	VASTN25.95TL OPENZ	EUR	1,6800	1,7250	1,6800	84,0000	1	1,7250	50				
Certificate	NL0012999411	VASTN27.03TL OPENB	EUR	1,5200	1,6000	1,5200	1550,0000	1	1,6000	1000				
Certificate	NL0012999429	VASTN29.04TL OPENB	EUR	1,1600	1,2200	1,1600	580,0000	1	1,2200	500				
Certificate	DE000CE6C4C2	VASTN29.61TL OPENZ	EUR	0,9400	1,0250	0,9400	1074,0000	3	1,0250	1100				
Certificate	NL0012999437	VASTN31.04TL OPENB	EUR	0,7800	0,8500	0,7800				0,8500				
Certificate	DE000CJ3N1L8	VASTN32.11TL OPENZ	EUR											
Certificate	NL0012999452	VASTN37.93TS OPENB	EUR	1,6500	1,6500	1,5800				1,5800				
Certificate	NL0013006042	VASTN41.98TS OPENB	EUR	2,5300	2,5300	2,4500				2,4500				
Certificate	NL0012120760	VEOLI 15TL OPENB	EUR	3,1450	3,1450	2,8950				2,8950				
Certificate	NL0012700942	VEOLI 21TS OPENB	EUR	5,6750	5,9250	5,6750				5,9250				
Certificate	NL001042836	VEOLI 5.7TL OPENB	EUR	11,5650	11,5650	11,5650				11,5650				
Certificate	DE000CJ3PAJ9	VEOLI 10.9TL OPENZ	EUR	1,1750	1,1750	1,1750				1,1750				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0010905683	VEOLI 11.2TL OPENB	EUR	6,6850	6,6850	6,4350			6,4350					
Certificate	DE000CV88210	VEOLI 12.9TL OPENZ	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	DE000CV42RLO	VEOLI 14.9TL OPENZ	EUR	0,3850	0,3850	0,3850			0,3850					
Certificate	NL0013002587	VEOLI 17.9TS OPENB	EUR	2,3850	2,6350	2,3850			2,6350					
Certificate	NL0010895082	VESTA164.3TL OPENB	EUR	3,7350	3,7350	3,7350			3,7350					
Certificate	DE000CV4YTR6	VESTA280.7TL OPENZ	EUR	1,8650	1,8650	1,8650			1,8650					
Certificate	NL0012509533	VESTA316.4TL OPENB	EUR	1,9650	1,9650	1,9650			1,9650					
Certificate	DE000CE6FIJ9	VESTA320.6TL OPENZ	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	NL0012511919	VESTA341.7TL OPENB	EUR	1,6650	1,6650	1,6650			1,6650					
Certificate	DE000CV42019	VESTA365.4TL OPENZ	EUR	0,7350	0,7350	0,7350			0,7350					
Certificate	NL0012264451	VESTA609.2TS OPENB	EUR	3,9550	3,9550	3,9550			3,9550					
Certificate	NL0000691046	VIETN PI OPENN	EUR	6,2400	6,2400	6,2300			6,2300					
Certificate	NL0011249156	VINCI 44.3TL OPENB	EUR	36,8400	37,2000	36,8400			37,2000					
Certificate	NL0012034953	VINCI 49.5TL OPENB	EUR	32,0500	32,4100	32,0500			32,4100					
Certificate	NL0012115695	VINCI 64.9TL OPENB	EUR	17,7500	18,1100	17,7500			18,1100					
Certificate	NL0012259733	VINCI 71.6TL OPENB	EUR	11,5500	11,9100	11,5500			11,9100					
Certificate	NL0012782353	VINCI 76.6TL OPENB	EUR	6,9400	7,3000	6,9400			7,3000					
Certificate	NL0012995260	VINCI 84.5TS OPENB	EUR	14,1400	14,1400	13,7800			13,7800					
Certificate	NL0012792014	VINCI 89.4TS OPENB	EUR	19,4100	19,4100	19,0500			19,0500					
Certificate	DE000CV8AY55	VINCI49.55TL OPENZ	EUR	2,8250	2,8250	2,8250			2,8250					
Certificate	DE000CE6CCB8	VINCI59.61TL OPENZ	EUR	1,8250	1,8250	1,8250			1,8250					
Certificate	DE000CE6CCX2	VINCI67.57TL OPENZ	EUR	1,0350	1,0350	1,0350			1,0350					
Certificate	DE000CE6EDK3	VINCI74.53TL OPENZ	EUR	0,3450	0,3450	0,3450			0,3450					
Certificate	NL0012494447	VIVEN 20TL OPENB	EUR	3,4250	3,4450	3,4250			3,4450					
Certificate	NL0011900642	VIVEN 14.9TL OPENB	EUR	8,1650	8,1850	8,1650			8,1850					
Certificate	NL0012260178	VIVEN 17.4TL OPENB	EUR	5,7850	5,8050	5,7850			5,8050					
Certificate	NL0012439764	VIVEN 19.5TL OPENH	EUR	0,4200	0,4200	0,4100			0,4100					
Certificate	NL0012699748	VIVEN 24.4TS OPENB	EUR	4,4850	4,4850	4,4750			4,4750					
Certificate	NL0012556419	VIVEN 26.3TS OPENH	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	NL0011226519	VIVEN13.05TL OPENH	EUR	1,0100	1,0100	1,0000			1,0000					
Certificate	DE000CN6GMU7	VIVEN13.69TL OPENZ	EUR	8,2350	8,2350	8,2350			8,2350					
Certificate	DE000CD61L97	VIVEN15.17TL OPENZ	EUR	6,7500	6,7500	6,7500			6,7500					
Certificate	NL0012237630	VIVEN15.94TL OPENH	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	NL0012214720	VIVEN16.96TL OPENH	EUR	0,6500	0,6500	0,6400			0,6400					
Certificate	NL0012214712	VIVEN17.47TL OPENH	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	NL0012245005	VIVEN17.98TL OPENH	EUR	0,5600	0,5600	0,5500			0,5500					
Certificate	DE000CE6D9M9	VIVEN18.15TL OPENZ	EUR	3,7850	3,7850	3,7850			3,7850					
Certificate	NL0011995899	VIVEN18.98TL OPENH	EUR											
Certificate	NL0012437776	VIVEN19.48TL OPENH	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	NL0012593578	VIVEN20.41TL OPENH	EUR	0,3400	0,3400	0,3300			0,3300					
Certificate	NL0012889158	VIVEN20.97TL OPENH	EUR	0,2900	0,2900	0,2800			0,2800					
Certificate	NL0012890032	VIVEN21.47TL OPENH	EUR											
Certificate	NL0013079411	VIVEN21.98TS OPENH	EUR											
Certificate	NL0012934293	VIVEN22.83TS OPENH	EUR	0,3400	0,3500	0,3400			0,3500					
Certificate	NL0012909816	VIVEN23.17TS OPENH	EUR	0,3800	0,3900	0,3800			0,3900					
Certificate	NL0012561070	VIVEN23.36TS OPENH	EUR	0,4000	0,4100	0,4000			0,4100					
Certificate	NL0012536833	VIVEN24.15TS OPENH	EUR	0,4900	0,5000	0,4900			0,5000					
Certificate	NL0012311120	VIVEN24.78TS OPENH	EUR	0,5600	0,5700	0,5600			0,5700					
Certificate	NL0012545735	VIVEN26.68TS OPENH	EUR	0,7700	0,7800	0,7700			0,7800					
Certificate	NL0012526230	VIVEN27.04TS OPENH	EUR	0,8100	0,8200	0,8100			0,8200					
Certificate	NL0012536825	VIVEN27.09TS OPENH	EUR	0,8100	0,8200	0,8100			0,8200					
Certificate	NL0012556401	VIVEN29.24TS OPENH	EUR	1,0500	1,0600	1,0500			1,0600					
Certificate	NL0011226451	VIVEN30.43TS OPENH	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	DE000CE6CDZ5	VIX LEVOPENZ	EUR	4,3100	4,5120	4,3100			4,5120					
Certificate	DE000CE6CE09	VIX SHROPENZ	EUR	6,1500	6,1500	5,8750			5,8750					
Certificate	DE000CV4ZTM4	VIX 9.8TL OPENZ	EUR	7,3800	8,0900	7,3800			8,0900					
Certificate	DE000CV88TA2	VIX 22.8TS OPENZ	EUR	11,5850	11,5850	10,9100			10,9100					
Certificate	NL0011911714	VIX 40.6TS OPENB	EUR	23,2900	23,2900	23,2900			23,2900					
Certificate	DE000CV4Z2F8	VIX 5.89TL OPENZ	EUR	10,3900	11,2100	10,3900			11,2100					
Certificate	DE000CV4YUR4	VIX 6.47TL OPENZ	EUR	10,1250	10,8350	10,1250			10,8350					
Certificate	NL0012682025	VIX 6.51TL OPENB	EUR	10,8600	10,8600	10,8600			10,8600					
Certificate	NL0010289385	VIX 60.9TS OPENB	EUR	43,0000	43,0000	43,0000			43,0000					
Certificate	DE000CV4YUQ6	VIX 7.03TL OPENZ	EUR	9,6650	10,3800	9,6650			10,3800					
Certificate	DE000CE6FNTO	VIX 7.59TL OPENZ	EUR	9,2050	9,9200	9,2050			9,9200					
Certificate	NL0010129144	VIX 73.1TS OPENB	EUR	54,7600	54,7600	54,7600			54,7600					
Certificate	DE000CE6F4E5	VIX 8.17TL OPENZ	EUR	8,7300	9,4400	8,7300			9,4400					
Certificate	NL0013002694	VIX 8.53TL OPENB	EUR	9,2500	9,2500	9,2500			9,2500					
Certificate	DE000CE6FAD7	VIX 8.72TL OPENZ	EUR	8,2700	8,9800	8,2700			8,9800					
Certificate	NL0013002702	VIX 9.04TL OPENB	EUR	8,8500	8,8500	8,8500			8,8500					
Certificate	DE000CV4ZTL6	VIX 9.25TL OPENZ	EUR	7,8350	8,5450	7,8350			8,5450					
Certificate	NL0012682512	VIX 9.54TL OPENB	EUR	7,6500	8,4500	7,6500	399,6000	2	8,4500		50			
Certificate	NL0013002710	VIX 10.04TL OPENB	EUR	8,0500	8,0500	8,0500			8,0500					



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	NL0013005275	VIX 10.53TL OPENB	EUR	7,6700	7,6700	7,6700			7,6700					
Certificate	NL0013006349	VIX 11.04TL OPENB	EUR	7,2700	7,2700	7,2700			7,2700					
Certificate	NL0013006356	VIX 11.53TL OPENB	EUR	6,8800	6,8800	6,8800			6,8800					
Certificate	DE000CV87K20	VIX 11.97TL OPENZ	EUR	5,5750	6,2800	5,5750			6,2800					
Certificate	NL0013011067	VIX 12.52TL OPENB	EUR	5,4100	6,0800	5,3700	865,6000	1	6,0800	160				
Certificate	NL0009261692	VIX 127.4TS OPENB	EUR	10,7350	10,7350	10,7350			10,7350					
Certificate	NL0013011075	VIX 13.52TL OPENB	EUR	5,2900	5,2900	5,2900			5,2900					
Certificate	NL0012793954	VIX 13.62TL OPENB	EUR											
Certificate	NL0013011083	VIX 14.52TL OPENB	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	DE000CJ3N4J6	VIX 14.97TL OPENZ	EUR	3,0500	3,7500	3,0500			3,7500					
Certificate	NL0013011091	VIX 15.52TL OPENB	EUR	3,1000	3,7100	3,1000	310,0000	1	3,7100	100				
Certificate	NL0006518987	VIX 153.4TS OPENB	EUR	13,2550	13,2550	13,2550			13,2550					
Certificate	NL0013011109	VIX 16.02TL OPENB	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	NL0013011117	VIX 16.52TL OPENB	EUR	2,2600	2,9200	2,2200	691,0000	2	2,9200	300				
Certificate	NL0006518995	VIX 161.6TS OPENB	EUR	14,0450	14,0450	14,0450			14,0450					
Certificate	NL0013011455	VIX 17.02TL OPENB	EUR											
Certificate	NL0013011463	VIX 17.52TL OPENB	EUR											
Certificate	NL0013002751	VIX 18.89TS OPENB	EUR											
Certificate	NL0013011133	VIX 20.06TS OPENB	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	NL0012782148	VIX 22.05TS OPENB	EUR	5,2500	5,3400	5,2100	2625,0000	1	5,3400	500				
Certificate	NL0012789614	VIX 22.89TS OPENB	EUR											
Certificate	NL0012688055	VIX 25.99TS OPENB	EUR	9,1400	9,1400	9,1400			9,1400					
Certificate	DE000CV87L38	VIX 26.57TS OPENZ	EUR	15,9550	15,9550	15,2850			15,2850					
Certificate	NL0012684039	VIX 29.93TS OPENB	EUR	13,7200	13,7600	12,9600	1715,0000	1	12,9600	125				
Certificate	DE000CV87L46	VIX 30.32TS OPENZ	EUR	20,3050	20,3050	19,6400			19,6400					
Certificate	DE000CD61XR3	VIX 34.08TS OPENZ	EUR	24,6700	24,6700	24,0100			24,0100					
Certificate	NL0011911706	VIX 35.81TS OPENB	EUR	18,6400	18,6400	18,6400			18,6400					
Certificate	DE000CD61XQ5	VIX 37.71TS OPENZ	EUR	28,8800	28,8800	28,2250			28,2250					
Certificate	DE000CD61XP7	VIX 41.34TS OPENZ	EUR	33,0900	33,0900	32,4400			32,4400					
Certificate	DE000CN6JVU2	VIX 44.97TS OPENZ	EUR	37,3000	37,3000	36,6500			36,6500					
Certificate	DE000CR4HP62	VIX 49.29TS OPENZ	EUR	42,3200	42,3200	41,6800			41,6800					
Certificate	DE000CN6EQ87	VIX 53.57TS OPENZ	EUR	47,2800	47,2800	46,6450			46,6450					
Certificate	DE000CN6EQ95	VIX 57.84TS OPENZ	EUR	52,2300	52,2300	51,6000			51,6000					
Certificate	DE000CE6CR12	VLAN 15.11TL OPENZ	EUR	1,7750	1,7750	1,7750			1,7750					
Certificate	DE000CE6CR04	VLAN 17.24TL OPENZ	EUR	1,3750	1,3750	1,3750			1,3750					
Certificate	DE000CE6CNL4	VLAN 19.36TL OPENZ	EUR	0,9900	0,9900	0,9750	79,2000	1	0,9750	80				
Certificate	NL0006475295	VODAF 11TL OPENB	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	DE000CV885B4	VODAF1.059TL OPENZ	EUR											
Certificate	DE000CV8AHU6	VODAF1.263TL OPENZ	EUR											
Certificate	DE000CJ3NNG3	VODAF1.365TL OPENZ	EUR											
Certificate	DE000CE6BX64	VODAF1.468TL OPENZ	EUR											
Certificate	DE000CV88854	VODAF1.795TS OPENZ	EUR											
Certificate	DE000CV8AL46	VODAF1.991TS OPENZ	EUR											
Certificate	DE000CV8AHV4	VODAF2.191TS OPENZ	EUR											
Certificate	DE000CV8AHW2	VODAF2.391TS OPENZ	EUR											
Certificate	DE000CE6CBC8	VOLVB104.7TL OPENZ	EUR											
Certificate	DE000CE6CCJ1	VOLVB118.6TL OPENZ	EUR											
Certificate	DE000CE6EKJ0	VOLVB134.5TL OPENZ	EUR											
Certificate	DE000CJ3PAZ5	VOLVB89.64TL OPENZ	EUR											
Certificate	DE000CN6FX46	VONOV23.25TL OPENZ	EUR	17,1700	17,1700	17,1700			17,1700					
Certificate	DE000CN6IY66	VONOV25.77TL OPENZ	EUR	14,6400	14,6400	14,6400			14,6400					
Certificate	DE000CD64CT7	VONOV29.24TL OPENZ	EUR	11,1700	11,1700	11,1700			11,1700					
Certificate	DE000CE6DC83	VONOV33.21TL OPENZ	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	DE000CV88KU9	VONOV38.16TL OPENZ	EUR											
Certificate	DE000CQ5A3P3	VOPAK 28TL OPENC	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	DE000CQ5A3N8	VOPAK 30TL OPENC	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	NL0011430426	VOPAK 32TL OPENB	EUR	12,7700	12,8500	12,7700			12,8500					
Certificate	DE000CY16LA4	VOPAK 32TL OPENC	EUR	10,9500	10,9500	10,9500			10,9500					
Certificate	DE000CQ5A3M0	VOPAK 35TL OPENC	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000CY16LD8	VOPAK 50TS OPENC	EUR	5,9400	5,9400	5,9400			5,9400					
Certificate	DE000CQ5A3Q1	VOPAK 50TS OPENC	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	NL0009263870	VOPAK 20.7TL OPENB	EUR	45,9200	45,9200	45,9200			45,9200					
Certificate	NL0010764205	VOPAK 29.4TL OPENB	EUR	15,0700	15,1700	15,0700			15,1700					
Certificate	NL0012490288	VOPAK 31.5BL OPENB	EUR	10,2800	10,3600	10,2800			10,3600					
Certificate	NL0012689624	VOPAK 35.6TL OPENB	EUR	9,5600	9,6400	9,5600			9,6400					
Certificate	NL0012783344	VOPAK 37.6TL OPENB	EUR	7,8500	7,9300	7,8500			7,9300					
Certificate	NL0012991319	VOPAK 39.5TL OPENB	EUR	6,1000	6,1800	6,1000			6,1800					
Certificate	NL0011093018	VOPAK 45.1TS OPENB	EUR	10,4600	10,4600	10,3400			10,3400					
Certificate	NL0012987416	VOPAK 49.6TS OPENB	EUR	15,6000	15,6000	15,4800			15,4800					
Certificate	NL0011935291	VOPAK 49.8TS OPENB	EUR	15,8000	15,8000	15,7300			15,7300					
Certificate	NL0011409990	VOPAK15.88TL OPENH	EUR	27,1800	27,1800	27,1700			27,1700					
Certificate	NL0011409974	VOPAK24.29TL OPENH	EUR	19,7000	19,7000	19,6900			19,6900					



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	DE000CE6EK17	VOPAK27.14TL OPENZ	EUR	2,8450	2,8450	2,8450			2,8450					
Certificate	NL0011409966	VOPAK28.49TL OPENH	EUR	15,9600	15,9600	15,9600			15,9600					
Certificate	DE000CR9RS05	VOPAK29.66TL OPENZ	EUR	2,3450	2,3450	2,3450			2,3450					
Certificate	NL0011409941	VOPAK31.64TL OPENH	EUR	13,1600	13,1600	13,1500			13,1500					
Certificate	DE000CR9RLZ5	VOPAK32.14TL OPENZ	EUR	1,8550	1,8550	1,8550			1,8550					
Certificate	LU1650853960	VOPAK32.56TCIOPENS	EUR	9,6700	9,6700	9,6700			9,6700					
Certificate	DE000CV87HS1	VOPAK34.12TL OPENZ	EUR	1,4550	1,4550	1,4550			1,4550					
Certificate	NL0012581417	VOPAK35.21TL OPENH	EUR	9,9900	9,9900	9,9800			9,9800					
Certificate	NL0012689962	VOPAK36.07BL OPENB	EUR	5,7100	5,7900	5,7100			5,7900					
Certificate	DE000CV87HT9	VOPAK36.12TL OPENZ	EUR	1,0650	1,0650	1,0650			1,0650					
Certificate	NL0012581409	VOPAK36.22TL OPENH	EUR	9,0900	9,0900	9,0800			9,0800					
Certificate	LU1697025788	VOPAK36.88TCIOPENS	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	NL0012598874	VOPAK37.19TL OPENH	EUR	8,2300	8,2300	8,2200			8,2200					
Certificate	NL0013008733	VOPAK37.59BL OPENB	EUR	4,1900	4,2700	4,1900			4,2700					
Certificate	DE000CV88024	VOPAK38.11TL OPENZ	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	LU1840981481	VOPAK38.65TCIOPENS	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	NL0012889828	VOPAK39.08TL OPENH	EUR	6,5400	6,5400	6,5300			6,5300					
Certificate	NL0012991020	VOPAK39.09BL OPENB	EUR	2,6900	2,7700	2,6900			2,7700					
Certificate	LU1840979741	VOPAK42.71TPIOPENS	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	NL0013004773	VOPAK43.26BS OPENB	EUR	2,6800	2,6800	2,5600			2,5600					
Certificate	NL0012902498	VOPAK43.56TS OPENH	EUR	8,6800	8,6800	8,6100			8,6100					
Certificate	LU1790699976	VOPAK45.75TPIOPENS	EUR	4,9800	4,9800	4,9800			4,9800					
Certificate	NL0012783591	VOPAK45.76BS OPENB	EUR	5,1800	5,1800	5,0600			5,0600					
Certificate	NL0011742911	VOPAK45.77TS OPENH	EUR	11,1900	11,1900	11,1200			11,1200					
Certificate	NL0011894852	VOPAK45.89TS OPENH	EUR	11,3300	11,3300	11,2600			11,2600					
Certificate	NL0011715503	VOPAK46.35TS OPENH	EUR	11,8600	11,8600	11,7900			11,7900					
Certificate	DE000CN6KQC8	VOPAK46.72TS OPENZ	EUR	1,1450	1,1450	1,1450			1,1450					
Certificate	LU1817099283	VOPAK46.98TPIOPENS	EUR	6,2800	6,2800	6,2800			6,2800					
Certificate	NL0012969570	VOPAK48.23BS OPENB	EUR	7,6500	7,6500	7,5300			7,5300					
Certificate	NL0012894729	VOPAK48.91TS OPENH	EUR	14,7800	14,7800	14,7100			14,7100					
Certificate	NL0011733928	VOPAK49.41TS OPENH	EUR	15,3500	15,3500	15,2800			15,2800					
Certificate	NL0011740048	VOPAK49.51TS OPENH	EUR	15,4700	15,4700	15,3900			15,3900					
Certificate	NL0011715495	VOPAK50.11TS OPENH	EUR	16,1500	16,1500	16,0800			16,0800					
Certificate	DE000CV88FR5	VOPAK52.75TS OPENZ	EUR	2,3450	2,3450	2,3450			2,3450					
Certificate	NL0012891907	VOPAK55.88TS OPENH	EUR	22,7300	22,7300	22,6600			22,6600					
Certificate	NL0011437843	VOW 72TL OPENB	EUR	7,9850	7,9850	7,8850			7,8850					
Certificate	DE000CW425W4	VOW 85TL OPENC	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	DE000CW42HM7	VOW 85TL OPENC	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	DE000CW42HJ3	VOW 90TL OPENC	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000CX0H9C2	VOW 90TL OPENC	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	DE000CX0J274	VOW 90TL OPENC	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	NL0011649744	VOW 93TL OPENB	EUR	6,0350	6,0350	5,9250			5,9250					
Certificate	DE000CX00Z00	VOW 100TL OPENC	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	DE000CX59HE6	VOW 110TL OPENC	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	DE000CX59D30	VOW 110TL OPENC	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	DE000CP06YR0	VOW 120TL OPENC	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	DE000CP07CD4	VOW 120TL OPENC	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	DE000CY51DY8	VOW 130TL OPENC	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	DE000CY51EK5	VOW 130TL OPENC	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	DE000CP07CE2	VOW 135TL OPENC	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000CP06YS8	VOW 135TL OPENC	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	NL0012900054	VOW 135TL OPENH	EUR	3,4400	3,4400	3,2400			3,2400					
Certificate	DE000CY520E8	VOW 140TL OPENC	EUR											
Certificate	DE000CP07CF9	VOW 150TS OPENC	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	DE000CP06YT6	VOW 150TS OPENC	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000CP06YU4	VOW 155TS OPENC	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CP07CG7	VOW 160TS OPENC	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	DE000CP06YV2	VOW 160TS OPENC	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	DE000CQ5A2L4	VOW 190TS OPENC	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	DE000CY52NM0	VOW 200TS OPENC	EUR	4,9600	4,9600	4,9600			4,9600					
Certificate	DE000CY52K45	VOW 200TS OPENC	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	NL0011410022	VOW 64.2TL OPENH	EUR	9,3400	9,3400	9,1400			9,1400					
Certificate	NL0011410006	VOW 76.5TL OPENH	EUR	8,3100	8,3100	8,1100			8,1100					
Certificate	NL0011433701	VOW 77.3TL OPENB	EUR	7,4950	7,4950	7,3850			7,3850					
Certificate	NL0011435573	VOW 82.5TL OPENB	EUR	7,0050	7,0050	6,9050			6,9050					
Certificate	NL0011438429	VOW 87.8TL OPENB	EUR	6,5250	6,5250	6,4150			6,4150					
Certificate	NL0011656145	VOW 98.2TL OPENB	EUR	5,5550	5,5550	5,4550			5,4550					
Certificate	NL0011729769	VOW 98.3TL OPENH	EUR	6,5000	6,5000	6,3000			6,3000					
Certificate	NL0011896717	VOW 102.7TL OPENH	EUR	6,1300	6,1300	5,9300			5,9300					
Certificate	NL0011906839	VOW 103.3TL OPENB	EUR	5,0850	5,0850	4,9750			4,9750					
Certificate	DE000CN6K974	VOW 104.7TL OPENZ	EUR	4,0550	4,0550	4,0550			4,0550					
Certificate	NL0011906847	VOW 108.5TL OPENB	EUR	4,5950	4,5950	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	DE000CD62346	VOW 110.8TL OPENZ	EUR	3,8000	3,8000	3,4450	167600,0000	7	3,4450	45000				
Certificate	NL0011996384	VOW 113.1TL OPENH	EUR	5,2600	5,2600	5,0600			5,0600					
Certificate	NL0012034979	VOW 113.6TL OPENB	EUR	4,1150	4,1150	4,0050			4,0050					
Certificate	NL0013007644	VOW 115.3BL OPENB	EUR	3,3150	3,3150	3,2150			3,2150					
Certificate	DE000VA7TG70	VOW 115.9TL OPENV	EUR	2,9410	2,9410	2,9410			2,9410					
Certificate	NL0012038848	VOW 118.7TL OPENB	EUR	3,6450	3,6450	3,5350			3,5350					
Certificate	DE000CD640T7	VOW 121.6TL OPENZ	EUR	2,7800	2,7800	2,3750	799,5000	2	2,3750	288				
Certificate	NL0012051833	VOW 122.6TL OPENH	EUR	4,4700	4,4700	4,2600			4,2600					
Certificate	NL0012492938	VOW 123.8TL OPENB	EUR	3,1750	3,1750	3,0650			3,0650					
Certificate	NL0012998686	VOW 125.3BL OPENB	EUR	2,3150	2,3150	2,2150			2,2150					
Certificate	DE000VA64YA7	VOW 125.8TL OPENV	EUR	1,9420	1,9420	1,9420			1,9420					
Certificate	NL0012495295	VOW 128.9TL OPENB	EUR	2,6950	2,6950	2,5850			2,5850					
Certificate	NL0012519078	VOW 130.2TL OPENH	EUR	3,8400	3,8400	3,6400			3,6400					
Certificate	DE000VA64YB5	VOW 130.8TL OPENV	EUR	1,4410	1,4410	1,4410			1,4410					
Certificate	NL0012500136	VOW 133.9TL OPENB	EUR	2,2350	2,2600	2,1250	678,0000	1	2,1250	300				
Certificate	DE000CE6EXV8	VOW 134.5TL OPENZ	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	NL0012998694	VOW 135.3BL OPENB	EUR	1,3150	1,3150	1,2050			1,2050					
Certificate	DE000VA64YC3	VOW 135.8TL OPENV	EUR	1,3350	1,3360	0,9410	1,3400	1	0,9410	1				
Certificate	NL0013012925	VOW 138.9TL OPENB	EUR	1,7650	1,7650	1,6550			1,6550					
Certificate	DE000VA71WN9	VOW 140.9TL OPENV	EUR	0,4810	0,4810	0,4810			0,4810					
Certificate	DE000VA7TG47	VOW 146.2TS OPENV	EUR											
Certificate	NL0013010374	VOW 147.9TS OPENB	EUR											
Certificate	NL0013009145	VOW 149.6BS OPENB	EUR	0,4400	0,5450	0,3200	760,0000	2	0,5450	2000				
Certificate	DE000VA7TG54	VOW 151.2TS OPENV	EUR	0,6570	0,6570	0,6570			0,6570					
Certificate	NL0012905293	VOW 155.1TS OPENH	EUR	4,7000	4,9100	4,7000			4,9100					
Certificate	DE000VA64X41	VOW 156.3TS OPENV	EUR	1,1510	1,1510	1,1510			1,1510					
Certificate	NL0012974414	VOW 157.7TS OPENB	EUR	2,3650	2,4750	2,3650			2,4750					
Certificate	DE000CV89206	VOW 158.5TS OPENZ	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	NL0012998702	VOW 159.6BS OPENB	EUR	1,4350	1,5350	1,4350			1,5350					
Certificate	DE000VA64X58	VOW 161.3TS OPENV	EUR	1,6510	1,6510	1,6510			1,6510					
Certificate	NL0012918767	VOW 161.5TS OPENH	EUR	5,4900	5,7100	5,4900			5,7100					
Certificate	DE000VA64X66	VOW 166.3TS OPENV	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	NL0012970693	VOW 167.5TS OPENB	EUR	3,4350	3,5350	3,4350			3,5350					
Certificate	NL0012909840	VOW 168.5TS OPENH	EUR	6,3700	6,5800	6,3700			6,5800					
Certificate	NL0012998710	VOW 169.5BS OPENB	EUR	2,4350	2,5350	2,4350			2,5350					
Certificate	DE000VA64X74	VOW 171.3TS OPENV	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	NL0012865067	VOW 173.4TS OPENH	EUR	6,9800	7,2000	6,9800			7,2000					
Certificate	DE000VA64X82	VOW 176.3TS OPENV	EUR	3,1490	3,1490	3,1490			3,1490					
Certificate	NL0012681670	VOW 177.2TS OPENB	EUR	4,4750	4,5750	4,4750			4,5750					
Certificate	DE000CV89214	VOW 178.4TS OPENZ	EUR	3,3550	3,3550	3,3550			3,3550					
Certificate	NL0012608616	VOW 179.8TS OPENH	EUR	7,7800	8,0000	7,7800			8,0000					
Certificate	DE000VA64X90	VOW 181.3TS OPENV	EUR	3,6480	3,6480	3,6480			3,6480					
Certificate	NL0012565816	VOW 184.1TS OPENH	EUR	8,3200	8,5300	8,3200			8,5300					
Certificate	NL0012531537	VOW 192.4TS OPENH	EUR	9,3600	9,5700	9,3600			9,5700					
Certificate	NL0012536858	VOW 192.6TS OPENH	EUR	9,3700	9,5900	9,3700			9,5900					
Certificate	NL0012615710	VOW 193.1TS OPENH	EUR	9,4400	9,6600	9,4400			9,6600					
Certificate	DE000CJ3NQF8	VOW 198.4TS OPENZ	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	NL0012558340	VOW 202.8TS OPENH	EUR	10,6500	10,8600	10,6500			10,8600					
Certificate	NL0011251657	VOW 206.2TS OPENB	EUR	7,6050	7,7150	7,6050			7,7150					
Certificate	NL0012545768	VOW 212.6TS OPENH	EUR	11,8700	12,0800	11,8700			12,0800					
Certificate	NL0012558332	VOW 232.3TS OPENH	EUR	14,3300	14,5500	14,3300			14,5500					
Certificate	DE000CN6F024	VOW 94.94TL OPENZ	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	DE000CN6JUD0	VOW 99.73TL OPENZ	EUR	4,5550	4,5550	4,5550			4,5550					
Certificate	DE000CV8AVB7	VTLN 52.79TL OPENZ	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	DE000CV8AVC5	VTLN 63.29TL OPENZ	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	NL0009262484	VW 39.5TL OPENB	EUR	10,7500	10,7500	10,7500			10,7500					
Certificate	NL0009336866	VW 46.3TL OPENB	EUR	10,1500	10,1500	10,1500			10,1500					
Certificate	DE000VA54539	W1 SHROPEV	EUR											
Certificate	DE000CN6G6N1	WALMT 61.6TL OPENZ	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	NL0011411285	WALTD 135TS OPENH	EUR	25,4800	26,0000	25,4800			26,0000					
Certificate	NL0010248795	WALTD 38.1TL OPENB	EUR	70,3600	70,3600	70,3600			70,3600					
Certificate	NL0010381554	WALTD 61.5TL OPENB	EUR	51,4200	51,4200	51,4200			51,4200					
Certificate	NL0010520474	WALTD 68.2TL OPENB	EUR	45,9500	45,9500	45,9500			45,9500					
Certificate	NL0011411418	WALTD 74.3TL OPENH	EUR	41,3400	41,3400	40,9800			40,9800					
Certificate	NL0010656138	WALTD 80.5TL OPENB	EUR	36,0000	36,0000	36,0000			36,0000					
Certificate	NL0011411392	WALTD 87.5TL OPENH	EUR	30,7000	30,7000	30,3300			30,3300					
Certificate	NL0010906624	WALTD 88.5TL OPENB	EUR	29,5500	29,5500	29,5500			29,5500					
Certificate	NL0011411301	WALTD119.5TS OPENH	EUR	10,9100	11,4100	10,9100			11,4100					
Certificate	NL0011411293	WALTD123.4TS OPENH	EUR	14,5500	15,0500	14,5500			15,0500					
Certificate	DE000CN6H962	WALTD83.27TL OPENZ	EUR	28,9000	28,9000	28,9000			28,9000					
Certificate	DE000CR4H7N1	WALTD91.87TL OPENZ	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	DE000CP6YL3	WDIG 140TL OPENC	EUR	3,0500	3,0500	3,0500			3,0500					



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	DE000CP07C83	WDIG 140TL OPENC	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	DE000CP07C91	WDIG 150TL OPENC	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000CP06YM1	WDIG 150TL OPENC	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	DE000CP06YN9	WDIG 155TL OPENC	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	DE000CP07CA0	WDIG 160TL OPENC	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000CP06YP4	WDIG 170TS OPENC	EUR											
Certificate	DE000CP07CB8	WDIG 170TS OPENC	EUR											
Certificate	DE000CP07CC6	WDIG 180TS OPENC	EUR											
Certificate	DE000CP06YQ2	WDIG 180TS OPENC	EUR											
Certificate	DE000CV88ET4	WDIG 105.4TL OPENZ	EUR	6,5000	6,5000	6,5000			6,5000					
Certificate	DE000CV88R98	WDIG 115.4TL OPENZ	EUR	5,5100	5,5100	5,5100			5,5100					
Certificate	DE000CV890R0	WDIG 125.4TL OPENZ	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	DE000CV89UY8	WDIG 135.3TL OPENZ	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	DE000CV8A039	WDIG 145.3TL OPENZ	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	DE000CJ3N252	WDIG 160.1TL OPENZ	EUR											
Certificate	DE000CJ3PBA6	WDIG 160.2TL OPENZ	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	DE000CE6FHY2	WDIG 68.99TL OPENZ	EUR	10,1300	10,1300	10,1300			10,1300					
Certificate	DE000CE6FNH5	WDIG 77.15TL OPENZ	EUR	9,3100	9,3100	9,3100			9,3100					
Certificate	DE000CE6FQB1	WDIG 85.27TL OPENZ	EUR	8,5000	8,5000	8,5000			8,5000					
Certificate	DE000CV889V4	WDIG 95.33TL OPENZ	EUR	7,5000	7,5000	7,5000			7,5000					
Certificate	NL0013006679	WDPP 101.4BL OPENB	EUR	1,2350	1,5950	1,2350			1,5950					
Certificate	DE000CV89VD0	WDPP 102.1TL OPENZ	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	NL0013006687	WDPP 106.4BL OPENB	EUR	0,7350	1,1000	0,7350	2140,0000	2	1,0950	2000				
Certificate	NL0013010689	WDPP 112.8BS OPENB	EUR	0,3750	0,3750	0,3750			0,3750					
Certificate	NL0013006802	WDPP 122.8BS OPENB	EUR	1,3650	1,3650	1,0050			1,0050					
Certificate	DE000CV89WH9	WDPP 131.3TS OPENZ	EUR	1,1850	1,1850	1,1850			1,1850					
Certificate	NL0013007750	WDPP 132.8BS OPENB	EUR	2,3650	2,3650	2,0050			2,0050					
Certificate	DE000CD64C87	WDPP 59.07TL OPENZ	EUR	2,9450	2,9450	2,9450			2,9450					
Certificate	DE000CD64DY5	WDPP 69.69TL OPENZ	EUR	2,4450	2,4450	2,4450			2,4450					
Certificate	DE000CD64C04	WDPP 76.02TL OPENZ	EUR	2,1450	2,1450	2,1450			2,1450					
Certificate	DE000CE6CY70	WDPP 83.36TL OPENZ	EUR	1,7950	1,7950	1,7950			1,7950					
Certificate	DE000CV4ZVE7	WDPP 91.69TL OPENZ	EUR	1,3900	1,3950	1,3900	2711,8900	3	1,3950	1951				
Certificate	NL0013006661	WDPP 96.38BL OPENB	EUR	1,7350	2,1200	1,7350	212,0000	1	2,0950	100				
Certificate	DE000CJ3N2K8	WEED 48TL OPENZ	EUR	3,0500	3,0500	2,8700	305,0000	1	2,8700	100				
Certificate	DE000CJ3N2L6	WEED 56TL OPENZ	EUR	1,9400	2,1350	1,8900	2590,8600	3	1,8900	1235				
Certificate	DE000CJ3PB58	WEED 63TL OPENZ	EUR											
Certificate	DE000CJ3PB16	WEED 70TL OPENZ	EUR											
Certificate	NL0012796262	WEREL 33BON0919Z	EUR											
Certificate	NL0010932513	WEREL 50TS OPENB	EUR	24,3150	24,7350	24,3150			24,7350					
Certificate	DE000CJ3NQ66	WEREL 18.5TL OPENZ	EUR											
Certificate	NL0012686661	WEREL 22.4TL OPENB	EUR	11,1050	11,1050	10,6450			10,6450					
Certificate	NL0010720827	WEREL 23.6TL OPENH	EUR	0,9400	0,9800	0,9000	1470,0000	1	0,9000	1500				
Certificate	NL0012682785	WEREL 24.9TL OPENB	EUR	8,8050	8,8050	8,3450			8,3450					
Certificate	NL0011816186	WEREL 27.4TL OPENB	EUR	6,5550	6,7800	6,0950	678,0000	1	6,0950	100				
Certificate	NL0012996540	WEREL 30.9TS OPENB	EUR											
Certificate	NL0012796270	WEREL 34.5BON1219Z	EUR											
Certificate	NL0012681688	WEREL 35.9TS OPENB	EUR	8,5750	8,9950	8,5750			8,9950					
Certificate	NL0011235403	WEREL 46.7TS OPENH	EUR	1,9200	1,9700	1,9200			1,9700					
Certificate	NL0011045018	WEREL 50.4TS OPENH	EUR	2,3200	2,3700	2,3200			2,3700					
Certificate	NL0011045000	WEREL 54.1TS OPENH	EUR	2,7100	2,7600	2,7100			2,7600					
Certificate	DE000CV4ZUV3	WEREL22.51TL OPENZ	EUR											
Certificate	NL0012688741	WEREL22.77BL OPENB	EUR	8,9150	8,9150	8,4550			8,4550					
Certificate	NL0012685994	WEREL24.81BL OPENB	EUR	6,8750	6,8750	6,4150			6,4150					
Certificate	DE000CV4ZUW1	WEREL25.52TL OPENZ	EUR	6,0300	6,0300	6,0300	3015,0000	1	6,0300	500				
Certificate	NL0012682470	WEREL26.84BL OPENB	EUR	4,8450	5,0100	4,3850	1503,0000	1	4,3850	300				
Certificate	DE000CD61QB1	WEREL28.55TL OPENZ	EUR	3,0400	3,0400	2,3000	38904,3400	28	2,4200	16000				
Certificate	NL0012778484	WEREL28.87BL OPENB	EUR	2,8150	2,8150	2,1000	74142,0000	34	2,3550	33200				
Certificate	NL0012994933	WEREL31.89BS OPENB	EUR	0,8550	1,2750	0,8550			1,2750					
Certificate	NL0012681993	WEREL34.88BS OPENB	EUR	3,8450	4,2650	3,8450			4,2650					
Certificate	DE000CV4ZG23	WEREL35.82TS OPENZ	EUR											
Certificate	NL0012682009	WEREL37.81BS OPENB	EUR	6,7750	7,1950	6,7750			7,1950					
Certificate	DE000CD62T23	WEREL40.29TS OPENZ	EUR											
Certificate	NL0013005473	WESSA 7.8TL OPENB	EUR	2,1200	2,1200	1,8200			1,8200					
Certificate	NL0013005895	WESSA 8.3TL OPENB	EUR	1,6800	1,6800	1,3800	1780,0000	2	1,3800	1200				
Certificate	NL0013005127	WESSA 6.27BL OPENB	EUR	0,3150	0,3150	0,2850			0,2850					
Certificate	NL001299890	WESSA 7.27BL OPENB	EUR	0,2150	0,2150	0,1750	5706,1600	5	0,1850	30836				
Certificate	NL0013005887	WESSA 7.31TL OPENB	EUR	2,5600	2,5600	2,2600	5385,0000	2	2,2600	2250				
Certificate	NL0013006174	WESSA 8.27BL OPENB	EUR	1,0900	1,0900	0,7550	2075,5000	5	0,7850	2460				
Certificate	NL0013010952	WESSA 8.79TL OPENB	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	NL0013006059	WESSA 9.46TS OPENB	EUR											
Certificate	NL0013005234	WESSA10.36BS OPENB	EUR	0,1650	0,2000	0,1650	830,0000	2	0,1950	4150				
Certificate	NL0013005671	WESSA10.46TS OPENB	EUR	2,9400	3,2400	2,9400			3,2400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012999726	WESSA11.45TS OPENB	EUR	4,0700	4,3700	4,0700			4,3700					
Certificate	NL0012988083	WESSA12.35BS OPENB	EUR	0,3650	0,3950	0,3650			0,3950					
Certificate	NL0012988265	WESSA12.46TS OPENB	EUR	5,2200	5,5200	5,2200			5,5200					
Certificate	NL0012982847	WESSA14.35BS OPENB	EUR	0,5650	0,5950	0,5650			0,5950					
Certificate	DE000CE6F0N4	WESSA18.54TS OPENZ	EUR											
Certificate	DE000CV87Y82	WESSA20.54TS OPENZ	EUR											
Certificate	DE000CV89952	WESSA22.53TS OPENZ	EUR											
Certificate	DE000CJ3N0C9	WESSA5.164TL OPENZ	EUR											
Certificate	DE000CN6HMS4	WESSA6.677TL OPENZ	EUR	0,5900	0,5900	0,5300	4203,0000	8	0,5400	7700				
Certificate	DE000CJ3N0D7	WESSA7.475TL OPENZ	EUR	0,3900	0,4100	0,3400	2232,0000	9	0,3400	6150				
Certificate	DE000CJ3N1D5	WESSA8.275TL OPENZ	EUR	0,1400	0,1600	0,1400	8000,0000	13	0,1500	52000				
Certificate	DE000CR9QDJ8	WEST 15.61TL OPENZ	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000CN6HJ26	WFC 40.26TL OPENZ	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	DE000VN61016	WHEAT LEVOPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VL51282	WHEAT LEVOPENV	EUR	0,0580	0,0580	0,0560			0,0560					
Certificate	DE000VN61008	WHEAT LEVOPENV	EUR	0,0720	0,0720	0,0700			0,0700					
Certificate	DE000VN61022	WHEAT LEVOPENV	EUR	2,2100	2,2100	2,1900			2,1900					
Certificate	DE000VL23R53	WHEAT SHROPENV	EUR	0,0740	0,0780	0,0740			0,0780					
Certificate	DE000VN61032	WHEAT SHROPENV	EUR	0,2560	0,2620	0,2560			0,2620					
Certificate	DE000VN61024	WHEAT SHROPENV	EUR	3,9450	3,9950	3,9450			3,9950					
Certificate	DE000VN61040	WHEAT SHROPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	NL0012543144	WHEAT 4.26TL OPENH	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	NL0012543136	WHEAT 4.36TL OPENH	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	NL0012543128	WHEAT 4.46TL OPENH	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	NL0012543110	WHEAT 4.56TL OPENH	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	NL0012543102	WHEAT 4.66TL OPENH	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	NL0012543094	WHEAT 4.77TL OPENH	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	DE000CY16LQ0	WOLTE 30TL OPENC	EUR	22,6000	22,6000	22,6000			22,6000					
Certificate	DE000CY51CV6	WOLTE 30TL OPENC	EUR	22,5800	22,5800	22,5800			22,5800					
Certificate	DE000CY16HV8	WOLTE 32TL OPENC	EUR	20,5500	20,5500	20,5500			20,5500					
Certificate	DE000CY517G9	WOLTE 32TL OPENC	EUR	20,6000	20,6000	20,6000			20,6000					
Certificate	DE000CY514Y9	WOLTE 34TL OPENC	EUR	18,0000	18,0000	18,0000			18,0000					
Certificate	DE000CY517H7	WOLTE 34TL OPENC	EUR	18,6400	18,6400	18,6400			18,6400					
Certificate	DE000CY51813	WOLTE 36TL OPENC	EUR	15,9900	15,9900	15,9900			15,9900					
Certificate	DE000CY51CW4	WOLTE 36TL OPENC	EUR	16,6900	16,6900	16,6900			16,6900					
Certificate	DE000CY51KK2	WOLTE 38TL OPENC	EUR	14,0100	14,0100	14,0100			14,0100					
Certificate	DE000CY522T2	WOLTE 38TL OPENC	EUR	14,7900	14,7900	14,7900			14,7900					
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	51,8200	51,8200	51,7200			51,7200					
Certificate	NL0012980221	WOLTE 56.BS OPENB	EUR	5,0400	5,2000	5,0400			5,2000					
Certificate	NL0013004047	WOLTE 58.BS OPENB	EUR	7,0400	7,2000	7,0400			7,2000					
Certificate	NL0010893756	WOLTE 16.7TL OPENB	EUR	35,8600	35,8600	35,7000			35,7000					
Certificate	NL0010904512	WOLTE 18.8TL OPENB	EUR	33,8400	33,8400	33,6800			33,6800					
Certificate	NL0011651401	WOLTE 28.4TL OPENB	EUR	24,9300	24,9300	24,7700			24,7700					
Certificate	NL0012108849	WOLTE 33.7TL OPENB	EUR	20,0300	20,0300	19,8700			19,8700					
Certificate	NL0012494678	WOLTE 40.7BOC1218B	EUR	40,6000	40,6000	40,6000			40,6000					
Certificate	NL0012648885	WOLTE 42.5BON0619Z	EUR	51,0000	51,0000	51,0000			51,0000					
Certificate	NL0013008816	WOLTE 45.2BL OPENB	EUR	6,4400	6,4400	6,2800			6,2800					
Certificate	NL0012649263	WOLTE 45.5BOC0619Z	EUR	45,2450	45,2450	45,2450			45,2450					
Certificate	NL0012793160	WOLTE 46.2BL OPENB	EUR	5,4400	5,4400	5,2800			5,2800					
Certificate	NL0012978647	WOLTE 47.1TL OPENB	EUR	7,5100	7,5100	7,3500			7,3500					
Certificate	NL0012979967	WOLTE 48.1TL OPENB	EUR	6,5800	6,5800	6,4200			6,4200					
Certificate	NL0013012057	WOLTE 48.2BL OPENB	EUR	3,4400	3,4400	3,2800			3,2800					
Certificate	NL0013012933	WOLTE 49.1TL OPENB	EUR	5,6500	5,6500	5,4900			5,4900					
Certificate	NL0013013378	WOLTE 49.2BL OPENB	EUR	2,4400	2,4400	2,2800			2,2800					
Certificate	NL0013010382	WOLTE 50.8TS OPENB	EUR											
Certificate	NL0013007420	WOLTE 52.8TS OPENB	EUR	5,8700	6,0300	5,8700			6,0300					
Certificate	NL0012998447	WOLTE 54.7TS OPENB	EUR	7,9500	8,1100	7,9500			8,1100					
Certificate	NL0012987440	WOLTE 56.7TS OPENB	EUR	10,0300	10,1900	10,0300			10,1900					
Certificate	NL0012935845	WOLTE 57.5TS OPENH	EUR	10,8400	11,1000	10,8400			11,1000					
Certificate	NL0012900062	WOLTE 64.3TS OPENH	EUR	18,1800	18,4500	18,1800			18,4500					
Certificate	NL0011053053	WOLTE21.84TL OPENH	EUR	31,0100	31,0100	30,7200			30,7200					
Certificate	NL0011053046	WOLTE23.96TL OPENH	EUR	29,0400	29,0400	28,7500			28,7500					
Certificate	NL0011995568	WOLTE28.27TL OPENH	EUR	25,0200	25,0200	24,7300			24,7300					
Certificate	DE000CN6F602	WOLTE28.39TL OPENZ	EUR	11,3850	11,3850	11,3850			11,3850					
Certificate	NL0011739164	WOLTE29.31TL OPENH	EUR	24,0500	24,0500	23,7700			23,7700					
Certificate	DE000CN6K537	WOLTE30.88TL OPENZ	EUR	10,1450	10,1450	10,1450			10,1450					
Certificate	NL0012049191	WOLTE31.37TL OPENH	EUR	22,1300	22,1300	21,8500			21,8500					
Certificate	NL0012055743	WOLTE33.41TL OPENH	EUR	20,2400	20,2400	19,9500			19,9500					
Certificate	DE000CE6BEP6	WOLTE33.86TL OPENZ	EUR	8,6550	8,6550	8,6550			8,6550					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012435937	WOLTE34.43TL OPENH	EUR	19,2900	19,2900	19,0000			19,0000					
Certificate	NL0012516256	WOLTE36.46TL OPENH	EUR	17,4000	17,4000	17,1200			17,1200					
Certificate	DE000CE6ETD4	WOLTE37.35TL OPENZ	EUR	7,2300	7,2300	6,9100	1084,5000	1	6,9100	150				
Certificate	NL0012523005	WOLTE37.44TL OPENH	EUR	16,4900	16,4900	16,2000			16,2000					
Certificate	NL0012525224	WOLTE38.48TL OPENH	EUR	15,5200	15,5200	15,2300			15,2300					
Certificate	NL0012582258	WOLTE39.43TL OPENH	EUR	14,6300	14,6300	14,3500			14,3500					
Certificate	NL0012595607	WOLTE40.48TL OPENH	EUR	13,6600	13,6600	13,3700			13,3700					
Certificate	DE000CV88AQ8	WOLTE41.32TL OPENZ	EUR	4,9350	4,9350	4,9350			4,9350					
Certificate	NL0012606800	WOLTE42.44TL OPENH	EUR	11,8400	11,8400	11,5500			11,5500					
Certificate	NL0013008808	WOLTE43.198L OPENB	EUR	8,4500	8,4500	8,2900			8,2900					
Certificate	NL0012787360	WOLTE44.198L OPENB	EUR	7,4500	7,4500	7,2900			7,2900					
Certificate	NL0012614259	WOLTE44.37TL OPENH	EUR	10,0400	10,0400	9,7500			9,7500					
Certificate	DE000CV89960	WOLTE45.28TL OPENZ	EUR	2,9750	2,9750	2,9750			2,9750					
Certificate	NL0012865083	WOLTE46.33TL OPENH	EUR	8,2100	8,2100	7,9300			7,9300					
Certificate	NL0012973630	WOLTE47.218L OPENB	EUR	4,4300	4,4300	4,2700			4,2700					
Certificate	NL0012927636	WOLTE48.12TL OPENH	EUR	6,5500	6,5500	6,2600			6,2600					
Certificate	NL0013083215	WOLTE50.37TS OPENH	EUR											
Certificate	NL0013007768	WOLTE52.028S OPENB	EUR	1,0600	1,2200	1,0600			1,2200					
Certificate	NL0013081813	WOLTE52.37TS OPENH	EUR	5,3300	5,6000	5,3300			5,6000					
Certificate	NL0013005242	WOLTE54.028S OPENB	EUR	3,0600	3,2200	3,0600			3,2200					
Certificate	NL0012936751	WOLTE55.52TS OPENH	EUR	8,7000	8,9700	8,7000			8,9700					
Certificate	NL0012926604	WOLTE57.58TS OPENH	EUR	10,9300	11,1900	10,9300			11,1900					
Certificate	NL0012920961	WOLTE57.64TS OPENH	EUR	10,9900	11,2600	10,9900			11,2600					
Certificate	NL0012852354	WOLTE59.47TS OPENH	EUR	12,9700	13,2400	12,9700			13,2400					
Certificate	NL0012915169	WOLTE59.59TS OPENH	EUR	13,0900	13,3600	13,0900			13,3600					
Certificate	NL0012988315	WOLTE59.998S OPENB	EUR	9,0300	9,1900	9,0300			9,1900					
Certificate	NL0012892426	WOLTE64.23TS OPENH	EUR	18,1000	18,3700	18,1000			18,3700					
Certificate	DE000CN6GVC6	WPM 10.49TL OPENZ	EUR	6,6500	6,6500	6,6500			6,6500					
Certificate	DE000CV8BD11	WPM 12.14TL OPENZ	EUR	1,0550	1,0550	1,0550			1,0550					
Certificate	DE000CN6JC13	WPM 13.19TL OPENZ	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	DE000CN6JMB1	WPM 14.81TL OPENZ	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	DE000CJ3NR11	WPM 16.34TL OPENZ	EUR	0,3300	0,3550	0,3300	990,0000	1	0,3550	3000				
Certificate	DE000CV89BC4	WPM 18.44TL OPENZ	EUR											
Certificate	DE000VA54547	XAG LEVOPENV	EUR	7,1650	7,3000	7,1650			7,3000					
Certificate	DE000CJ3N682	XFAB 3.92TL OPENZ	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	DE000CV8BEE5	XFAB 4.42TL OPENZ	EUR	0,5200	0,5200	0,5100	260,0000	1	0,5100	500				
Certificate	DE000CV89SF1	XFAB 4.96TL OPENZ	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	DE000CE6EGU5	XFAB 5.51TL OPENZ	EUR	0,3300	0,3300	0,3050	457,0500	1	0,3050	1385				
Certificate	DE000CE6EGV3	XFAB 6.15TL OPENZ	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	DE000CJ3PBV6	XIACB 8.59TL OPENZ	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	DE000CJ3N1N4	XIACB 9.59TL OPENZ	EUR	0,3550	0,3550	0,3550			0,3550					
Certificate	DE000CJ3NYF2	XIACB10.59TL OPENZ	EUR	0,2800	0,2800	0,2550	280,0000	1	0,2550	1000				
Certificate	DE000CV8BDL2	XIACB12.09TL OPENZ	EUR											
Certificate	DE000CV8A971	XIACB13.18TL OPENZ	EUR											
Certificate	DE000CV8ASC1	XIACB17.34TL OPENZ	EUR											
Certificate	DE000CV8B292	XIACB17.37TL OPENZ	EUR											
Certificate	DE000CN6KP07	YAND 16.34TL OPENZ	EUR	2,9250	2,9250	2,9250			2,9250					
Certificate	DE000CV89B12	YAND 20.81TL OPENZ	EUR	2,1450	2,1450	2,1450			2,1450					
Certificate	DE000CE6CL34	YAND 25.91TL OPENZ	EUR	1,2650	1,2650	1,2650			1,2650					
Certificate	DE000CE6DY38	YAND 28.46TL OPENZ	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	DE000CJ3NKB0	YAND 30.46TL OPENZ	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	DE000CJ3PDC8	YAND 32.95TL OPENZ	EUR											
Certificate	DE000CV8AT55	YAND 34.77TS OPENZ	EUR											
Certificate	DE000CV88AS4	YAND 39.77TS OPENZ	EUR	1,2050	1,2050	1,2050			1,2050					
Certificate	DE000CV4ZQC1	YAND 44.82TS OPENZ	EUR	2,0850	2,0850	2,0850			2,0850					
Certificate	DE000CV87HD3	YAND 49.89TS OPENZ	EUR	2,9650	2,9650	2,9650			2,9650					
Certificate	DE000CR9SOK4	YAND 9.872TL OPENZ	EUR											
Certificate	DE000CD61959	YAR 230.5TL OPENZ	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000CN6HTG9	YAR 261.3TL OPENZ	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	DE000CE6DY20	YAR 311.8TL OPENZ	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	DE000CV88615	YAR 361.8TL OPENZ	EUR	0,0655	0,0655	0,0655			0,0655					
Certificate	NL0010046116	YUM B 54.5TL OPENB	EUR	6,3400	6,3400	6,3400			6,3400					
Certificate	NL0010046108	YUM B 57.4TL OPENB	EUR	6,1100	6,1100	6,1100			6,1100					
Certificate	DE000CV88D29	YY 54.22TL OPENZ	EUR	0,9350	0,9350	0,9350			0,9350					
Certificate	DE000CV8ATM8	YY 64.99TL OPENZ	EUR											
Certificate	DE0005715155	Z KOREA CT OPENN	EUR	212,7500	212,7500	212,7500			212,7500					
Certificate	NL0013005259	ZALG 34.98S OPENB	EUR	0,2450	0,2450	0,2450			0,2450					
Certificate	NL0012999940	ZALG 37.48S OPENB	EUR	0,7450	0,7650	0,7150	288,0000	1	0,7650	400				
Certificate	DE000CJ3NVU7	ZALG 24.08TL OPENZ	EUR	2,2050	2,2050	2,2050			2,2050					
Certificate	NL0012998728	ZALG 25.068L OPENB	EUR	2,0050	2,0050	1,9850			1,9850					
Certificate	NL0013006943	ZALG 27.578L OPENB	EUR	1,5050	1,5050	1,4850			1,4850					
Certificate	DE000CD629Q6	ZALG 28.34TL OPENZ	EUR	6,9400	6,9400	6,9400			6,9400					



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	NL001298736	ZALG 30.07BL OPENB	EUR	1,0050	1,0050	0,9850			0,9850					
Certificate	NL0013009152	ZALG 32.4385 OPENB	EUR											
Certificate	NL0013013386	ZALG 32.578L OPENB	EUR	0,5050	0,5050	0,4850			0,4850					
Certificate	NL001298751	ZALG 39.8885 OPENB	EUR	1,2450	1,2650	1,2450			1,2650					
Certificate	NL001298769	ZALG 44.8785 OPENB	EUR	2,2350	2,2550	2,2350			2,2550					
Certificate	NL0000455848	ZILVER CT OPENN	EUR	12,5700	12,6400	12,5700			12,6400					
Certificate	DE000CR95546	ZURIC167.1TL OPENZ	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	DE000CN6L1E4	ZURIC191.2TL OPENZ	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	DE000CD62L21	ZURIC216.8TL OPENZ	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	DE000CE6D3W1	ZURIC258.3TL OPENZ	EUR	0,3950	0,3950	0,3950			0,3950					
Government bond	NL0000006286	LEDGER2.5%29JUL49	NLG											
Government bond	NL0000002707	LEDGER3.5%29DEC49	NLG	307,9100	307,9100	307,9100	1397,2300	1	307,9100	1000				
Government bond	NL0000004802	LEDGER3%29SEP49	NLG											
Government bond	NL0010071189	NED 2.5%15JAN33	EUR	122,7600	122,7600	122,7600	130125,6000	1	122,7600	106000				
Government bond	NL0009712470	NEDER 3.25%15JUL21	EUR											
Government bond	NL0009348242	NEDER 3.5% 15JUL20	EUR											
Government bond	NL0009086115	NEDER 4%15JUL19	EUR											
Government bond	NL0000102275	NEDER3.75%15JAN23	EUR	116,9200	116,9200	116,9200	233,8400	1	116,9200	200				
Government bond	NL0000102234	NEDER4%15JAN37	EUR											
Government bond	NL0000102317	NEDER5.5%15JAN28	EUR											
Government bond	NL0000102077	NEDER7.5%15JAN23	EUR	132,6400	132,6800	132,6200	83003,4300	5	132,6800	62576				
Government bond	NL0011220108	NEDERL 25%15JUL25	EUR											
Government bond	NL0011896857	NEDERL0%15JAN2022	EUR											
Government bond	NL0011819040	NEDERLAND0.5%JUL26	EUR											
Government bond	NL0010881827	NL 0.25%15JAN20	EUR											
Government bond	NL0012171458	NL 0.75% 15JUL27	EUR											
Government bond	NL0012818504	NL 0.75% 15JUL28	EUR											
Government bond	NL0012650469	NL 0% 15JAN24	EUR											
Government bond	NL0010514246	NL 1.25%15JAN2019	EUR											
Government bond	NL0010418810	NL 1.75%15JUL23	EUR											
Government bond	NL0010060257	NL 2.25%15JUL22	EUR											
Government bond	NL0010721999	NL 2.75%15JAN47	EUR											
Government bond	NL0010733424	NL 2%15JUL2024	EUR											
Government bond	NL0009446418	NL 3.75% 15JAN42	EUR											
Government bond	NL0013050511	NL DTC 28FEB19	EUR											
Government bond	NL0013089105	NL DTC 29MAR19	EUR											
Government bond	NL0012969190	NL DTC 30NOV18	EUR											
Government bond	NL0013025778	NL DTC 31JUL19	EUR											
Government bond	NL0012869309	NL DTC 31OCT18	EUR											
Government bond	NL0011613849	NL STRIP 15JAN19	EUR											
Government bond	NL0011613435	NL STRIP 15JAN19	EUR											
Government bond	NL0011613450	NL STRIP 15JAN20	EUR											
Government bond	NL0011613864	NL STRIP 15JAN20	EUR											
Government bond	NL0011613880	NL STRIP 15JAN21	EUR											
Government bond	NL0011613476	NL STRIP 15JAN21	EUR											
Government bond	NL0011613906	NL STRIP 15JAN22	EUR											
Government bond	NL0011613492	NL STRIP 15JAN22	EUR											
Government bond	NL0011613922	NL STRIP 15JAN23	EUR											
Government bond	NL0011613518	NL STRIP 15JAN23	EUR											
Government bond	NL0011613534	NL STRIP 15JAN24	EUR											
Government bond	NL0011613930	NL STRIP 15JAN24	EUR											
Government bond	NL0011613559	NL STRIP 15JAN25	EUR											
Government bond	NL0011613948	NL STRIP 15JAN25	EUR											
Government bond	NL0011613575	NL STRIP 15JAN26	EUR											
Government bond	NL0011613955	NL STRIP 15JAN26	EUR											
Government bond	NL0011613963	NL STRIP 15JAN27	EUR											
Government bond	NL0011613583	NL STRIP 15JAN27	EUR											
Government bond	NL0011613591	NL STRIP 15JAN28	EUR											
Government bond	NL0011613971	NL STRIP 15JAN28	EUR											
Government bond	NL0011613609	NL STRIP 15JAN29	EUR											
Government bond	NL0011613989	NL STRIP 15JAN29	EUR											
Government bond	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	NL0011613641	NL STRIP 15JAN33	EUR											
Government bond	NL0011614029	NL STRIP 15JAN33	EUR											
Government bond	NL0011614037	NL STRIP 15JAN34	EUR											
Government bond	NL0011613658	NL STRIP 15JAN34	EUR											
Government bond	NL0011614045	NL STRIP 15JAN35	EUR											



Instrument Type	Exchange Instrument ID	Instrument 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	NL0011613666	NL STRIP 15JAN35	EUR											
Government bond	NL0011614052	NL STRIP 15JAN36	EUR											
Government bond	NL0011613674	NL STRIP 15JAN36	EUR											
Government bond	NL0011614060	NL STRIP 15JAN37	EUR											
Government bond	NL0011613682	NL STRIP 15JAN37	EUR											
Government bond	NL0011614078	NL STRIP 15JAN38	EUR											
Government bond	NL0011613690	NL STRIP 15JAN38	EUR											
Government bond	NL0011613708	NL STRIP 15JAN39	EUR											
Government bond	NL0011614086	NL STRIP 15JAN39	EUR											
Government bond	NL0011614094	NL STRIP 15JAN40	EUR											
Government bond	NL0011613716	NL STRIP 15JAN40	EUR											
Government bond	NL0011614102	NL STRIP 15JAN41	EUR											
Government bond	NL0011613724	NL STRIP 15JAN41	EUR											
Government bond	NL0011614110	NL STRIP 15JAN42	EUR											
Government bond	NL0011613732	NL STRIP 15JAN42	EUR											
Government bond	NL0011613740	NL STRIP 15JAN43	EUR											
Government bond	NL0011613757	NL STRIP 15JAN44	EUR											
Government bond	NL0011613765	NL STRIP 15JAN45	EUR											
Government bond	NL0011613773	NL STRIP 15JAN46	EUR											
Government bond	NL0011613781	NL STRIP 15JAN47	EUR											
Government bond	NL0011613856	NL STRIP 15JUL19	EUR											
Government bond	NL0011613443	NL STRIP 15JUL19	EUR											
Government bond	NL0011613872	NL STRIP 15JUL20	EUR											
Government bond	NL0011613468	NL STRIP 15JUL20	EUR											
Government bond	NL0011613484	NL STRIP 15JUL21	EUR											
Government bond	NL0011613898	NL STRIP 15JUL21	EUR											
Government bond	NL0011613500	NL STRIP 15JUL22	EUR											
Government bond	NL0011613914	NL STRIP 15JUL22	EUR											
Government bond	NL0011613526	NL STRIP 15JUL23	EUR											
Government bond	NL0011613542	NL STRIP 15JUL24	EUR											
Government bond	NL0011613567	NL STRIP 15JUL25	EUR											
Government bond	NL0011821186	NL STRIP 15JUL26	EUR											
Government bond	NL0012191548	NL STRIP 15JUL27	EUR											
Government bond	NL0012818553	NL STRIP 15JUL28	EUR											
Government bond	NL0000103000	NLHSOM ZC15JAN23	EUR											
Government bond	NL0000103455	NLHSOM ZC15JAN28	EUR	93,8500	93,8500	93,8500	37540,0000	1	93,8500	40000				
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	NLRENT ZC15JAN37	EUR											
Government bond	GB00BDV0F150	UKT1.75JUL19	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	GB0087L9SL19	UKT1.750SEP22	GBP											
Government bond	GB008N65R198	UKT2.000JUL20	GBP											
Government bond	GB008THH2R79	UKT2.000SEP25	GBP											
Government bond	GB0087Z53659	UKT2.250SEP23	GBP											
Government bond	GB008BHFH458	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	GB0083KJQQ49	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	GB00806YGN05	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	GB008DX8CX86	UKT10.125MAR68	GBP											
Government bond	GB008BDR7T29	UKT10.125NOV19	GBP											
Government bond	GB00873ZYW09	UKT10.250MAR52	GBP											
Government bond	GB0084PTCY75	UKT10.375MAR62	GBP											
Government bond	GB008421JZ66	UKT10.500MAR50	GBP											
Government bond	GB0083LZBF68	UKT10.625MAR40	GBP											
Government bond	GB0083MYD345	UKT10.625NOV42	GBP											
Government bond	GB00846CGH68	UKT10.750MAR34	GBP											
Government bond	GB00824FFM16	UKT10.750NOV47	GBP											
Government bond	GB0081L6W962	UKT11.125NOV37	GBP											
Government bond	GB008128DH60	UKT11.250NOV27	GBP											
Government bond	GB0083D4VD98	UKT11.250NOV32	GBP											
Government bond	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	14,9900	14,9900	14,9900	14,9900	1	14,9900		1			
Investment fund	NL0010579074	ACTIAM D eur aand	EUR	20,8100	20,8100	20,8100	624,3000	2	20,8100		30			
Investment fund	NL0010579090	ACTIAM D eur obl	EUR	18,8300	18,8300	18,8300	18,8300	1	18,8300		1			
Investment fund	NL0010579157	ACTIAM D mix def	EUR	24,1400	24,1400	24,1400	2027,7600	1	24,1400		84			
Investment fund	NL0010579165	ACTIAM D mix neut	EUR	23,1300	23,1300	23,1300	10130,9400	1	23,1300		438			
Investment fund	NL0010579173	ACTIAM D mix off	EUR	18,7600	18,7600	18,7600	18,7600	1	18,7600		1			
Investment fund	NL0010579124	ACTIAM D Wrid aand	EUR	32,0200	32,0200	32,0200	25135,7000	2	32,0200		785			
Investment fund	NL0010579132	ACTIAM eur vastg	EUR	30,7300	30,7300	30,7300	12875,8700	2	30,7300		419			
Investment fund	NL0011309315	ACTIAM VIA EUROPA	EUR	27,8700	27,8700	27,8700	20428,7100	5	27,8700		733			
Investment fund	NL0011309323	ACTIAM VIA N-AMER	EUR	35,1200	35,1200	35,1200	601078,8000	7	35,1200		17115			
Investment fund	NL0011872635	ACTIAM VIA OPK LAN	EUR	24,2300	24,2300	24,2300	24,2300	1	24,2300		1			
Investment fund	NL0011309331	ACTIAM VIA PACIFIC	EUR	30,0100	30,0100	30,0100	228076,0000	6	30,0100		7600			
Investment fund	NL0011309349	ACTIAM VIA WERELD	EUR	32,2900	32,2900	32,2900	3158252,6100	17	32,2900		97809			
Investment fund	NL0009388743	ADD VALUE FUND	EUR	48,9600	48,9600	48,9600	32852,1600	6	48,9600		671			
Investment fund	NL0010510822	AFRIKA FONDS-G	EUR	86,0700	86,0700	86,0700	11533,3800	3	86,0700		134			
Investment fund	NL0000685576	AGHY FUND	EUR											
Investment fund	NL0000286896	ALLIANZ AMR EQ 1	EUR	28,8800	28,8800	28,8800	6007,0400	2	28,8800		208			
Investment fund	NL0000286979	ALLIANZ ERP EQ 11	EUR	75,5700	75,5700	75,5700	6045,6000	2	75,5700		80			
Investment fund	NL0000286904	ALLIANZ EUR OBL 2	EUR	72,3600	72,3600	72,3600	72,3600	1	72,3600		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	NL0000286938	ALLIANZ PAFCEQ 5	EUR	87,6000	87,6000	87,6000	87,6000	1	87,6000		1			
Investment fund	NL0000286912	ALLIANZ SELECT 3	EUR	103,9400	103,9400	103,9400	103,9400	1	103,9400		1			
Investment fund	NL0009497965	ALLIANZ WRLD EQ 10	EUR	57,3100	57,3100	57,3100	57,3100	1	57,3100		1			
Investment fund	NL0006311706	Arcona Property Fd	EUR	7,1200	7,3500	7,1200	104431,4700	7	7,3500	14532				
Investment fund	IE00BDH2LR26	ASIAN CAP HOLD A	USD											
Investment fund	IE00BDH2L533	ASIAN CAP HOLD B	EUR											
Investment fund	NL0011896774	ASN DM DEFENSIEF	EUR	51,5400	51,5400	51,5400	60095,6400	1	51,5400	1166				
Investment fund	NL0011896782	ASN DM NEUTRAAL	EUR	51,9600	51,9600	51,9600	180716,8800	1	51,9600	3478				
Investment fund	NL0011896790	ASN DM OFFENSIEF	EUR	52,9000	52,9000	52,9000	32427,7000	1	52,9000	613				
Investment fund	NL0011896808	ASN DM ZEER OFF	EUR	53,8800	53,8800	53,8800	188633,8800	1	53,8800	3501				
Investment fund	NL0011896766	ASN DM ZEERDEF	EUR	50,8200	50,8200	50,8200	62356,1400	1	50,8200	1227				
Investment fund	NL0000441301	ASN DZ AANDELEN	EUR	108,4800	108,4800	108,4800	1286247,3600	17	108,4800	11857				
Investment fund	NL0000280089	ASN DZ MIXFONDS	EUR	87,2400	87,2400	87,2400	31580,8800	6	87,2400	362				
Investment fund	NL0000441244	ASN DZ OBLIGATIE	EUR	28,7100	28,7100	28,7100	845452,0800	8	28,7100	29448				
Investment fund	NL0000290518	ASN DZ SMAL/MIDCAP	EUR	36,9600	36,9600	36,9600	100789,9200	4	36,9600	2727				
Investment fund	NL0012314660	ASN Groenfond	EUR	25,9100	25,9100	25,9100	786109,4000	6	25,9100	30340				
Investment fund	NL0000280501	ASN MILIEU&WATER 2	EUR	30,5900	30,5900	30,5900	761170,9700	13	30,5900	24883				
Investment fund	NL0012314652	ASN Novifonds	EUR	55,6000	55,6000	55,6000	395983,2000	5	55,6000	7122				
Investment fund	NL0006294175	BNP AS PAC HI INC	EUR	55,0800	55,0800	55,0800	45661,3200	3	55,0800	829				
Investment fund	NL0012727432	BNP ESGNL	EUR	131,8500	131,8500	131,8500	413349,7500	8	131,8500	3135				
Investment fund	NL0006294167	BNP GL HIGH IN EQ	EUR	56,9400	56,9400	56,9400	106136,1600	5	56,9400	1864				
Investment fund	NL0006294092	BNP GL PROP SEC FD	EUR	57,8400	57,8400	57,8400	14344,3200	4	57,8400	248				
Investment fund	NL0006294159	BNP HIGH INC PR FD	EUR	30,4300	30,4300	30,4300	334,7300	1	30,4300	11				
Investment fund	NL0006294035	BNP OBAM	EUR	75,4300	75,4300	75,4300	332721,7300	16	75,4300	4411				
Investment fund	NL0010949343	BNP PRM GLB DIV FD	EUR	25,2200	25,2200	25,2200	121106,4400	3	25,2200	4802				
Investment fund	NL0006294118	BNP PRO SEC FD EUR	EUR	66,3100	66,3100	66,3100	5503,7300	2	66,3100	83				
Investment fund	NL0010511002	DD Equity Fund	EUR	161,3000	161,3000	161,3000	161,3000	1	161,3000	1				
Investment fund	NL0013025539	DD INCOME FUND	EUR	24,8300	24,8300	24,8300	111735,0000	2	24,8300	4500				
Investment fund	NL0009445915	DD PROPERTY FUND A	EUR	33,9600	33,9600	33,9600	33,9600	1	33,9600	1				
Investment fund	NL0010949350	DD PROPERTY FUND B	EUR	34,7000	34,7000	34,7000	45110,0000	2	34,7000	1300				
Investment fund	NL0012838973	EUR ASSETS TRUST	EUR	1,2900	1,2900	1,2900	1,2900	1	1,2900	1				
Investment fund	IE00BN576201	EUR CAP HOLD CI B	EUR	264,8900	264,8900	264,8900	105956,0000	2	264,8900	400				
Investment fund	NL0010556775	HH CV FUND	EUR	36,4300	36,4300	36,4300	23606,6400	2	36,4300	648				
Investment fund	NL0010514196	HH EM Fund	EUR	83,2800	83,2800	83,2800	15739,9200	2	83,2800	189				
Investment fund	NL0009864495	HH EUR VALUE FUND	EUR	38,0500	38,0500	38,0500	63010,8000	2	38,0500	1656				
Investment fund	NL0012061253	HH GLOBAL FUND	EUR	30,9500	30,9500	30,9500	67471,0000	2	30,9500	2180				
Investment fund	NL0009864479	HH INCOME FUND	EUR	20,3700	20,3700	20,3700	28355,0400	3	20,3700	1392				
Investment fund	NL0010514204	HH Obligatie Fund	EUR	35,2700	35,2700	35,2700	122316,3600	2	35,2700	3468				
Investment fund	NL0009864487	HH PHOENIX FUND	EUR	35,7900	35,7900	35,7900	139903,1100	4	35,7900	3909				
Investment fund	NL0010514212	HH RE Value Fund	EUR	51,1500	51,1500	51,1500	66136,9500	2	51,1500	1293				
Investment fund	NL0009864461	HH VALUE FUND	EUR	29,9500	29,9500	29,9500	69783,5000	3	29,9500	2330				
Investment fund	NL0010510814	HOLLANDS BEZIT-G	EUR	66,3500	66,3500	66,3500	45118,0000	6	66,3500	680				
Investment fund	NL0000285609	IDB EQTY INCOME	EUR	48,7100	48,7100	48,7100	58013,6100	3	48,7100	1191				
Investment fund	NL0010986428	IDB EUR MID CAP	EUR	63,3600	63,3600	63,3600	65197,4400	5	63,3600	1029				
Investment fund	NL0011896972	IDB FIS	EUR	174,7300	174,7300	174,7300	41411,0100	2	174,7300	237				
Investment fund	NL0000285591	IDB REALEST EQT FD	EUR	160,5100	160,5100	160,5100	66290,6300	4	160,5100	413				
Investment fund	NL0009693258	INTEREFF AL BRAZIL	EUR	0,3100	0,3100	0,3000	41860,0000	8	0,3000	136200				
Investment fund	NL0000290427	INTEREFF AL CHINA	EUR											
Investment fund	NL0000817161	INTEREFF AL INDIA	EUR	0,8000	0,8100	0,8000	14825,0000	4	0,8000	18500				
Investment fund	NL0006477440	INTEREFF AL JAPAN	EUR	1,2300	1,2300	1,2300	738,0000	1	1,2300	600				
Investment fund	NL0009347574	IUF SEIF	EUR	124,9100	124,9100	124,9100	13724985,8900	8	124,9100	109879				
Investment fund	NL0009486745	IUF SNAIF	EUR	144,7900	144,7900	144,7900	13210929,1800	1	144,7900	91242				
Investment fund	NL0009347566	IUF SWIF	EUR	155,4200	155,4200	155,4200	155,4200	1	155,4200	1				
Investment fund	NL0000293348	KE EUR HGHDV FD N	EUR	6,9700	6,9700	6,9700	16086,7600	4	6,9700	2308				
Investment fund	NL0009296649	KEMPEN EURO PROP	EUR	16,6800	16,6800	16,6800	89921,8800	8	16,6800	5391				
Investment fund	NL0006089229	KEMPEN GBL HDiv N	EUR	31,4800	31,4800	31,4800	377665,5600	9	31,4800	11997				
Investment fund	NL0000289627	KEMPEN ORANGE FD	EUR	85,3900	85,3900	85,3900	164119,5800	11	85,3900	1922				
Investment fund	NL0000440675	KEMPEN ORANIE PART	EUR											
Investment fund	NL0010610309	KEMPEN PROFIEL 0	EUR											
Investment fund	NL0000290468	KEMPEN PROFIEL 2	EUR	33,2400	33,2400	33,2400	3157,8000	1	33,2400	95				
Investment fund	NL0000290476	KEMPEN PROFIEL 3	EUR	34,2800	34,2800	34,2800	68,5600	1	34,2800	2				
Investment fund	NL0000290484	KEMPEN PROFIEL 4	EUR	34,4900	34,4900	34,4900	781577,8900	1	34,4900	22661				
Investment fund	NL0000290492	KEMPEN PROFIEL 5	EUR	34,8900	34,8900	34,8900	3070,3200	1	34,8900	88				
Investment fund	NL0010558854	KEMPEN SUSTAINABLE	EUR	68,7600	68,7600	68,7600	115723,0800	1	68,7600	1683				
Investment fund	NL0012512958	KESVC	EUR											
Investment fund	NL0011821210	KGPIFNV	EUR	33,8800	33,8800	33,8800	1290523,0800	9	33,8800	38091				
Investment fund	NL0012044739	KGPFN	EUR	19,3800	19,3800	19,3800	13566,0000	1	19,3800	700				
Investment fund	IE00BN575V26	LCH Class A	USD	287,3700	287,3700	287,3700	74933,4800	1	287,3700	300				
Investment fund	IE00BN575W33	LCH Class B	EUR											
Investment fund	NL0009692839	LEGENDS FUND	EUR	95,9500	95,9500	95,9500	95,9500	1	95,9500	1				
Investment fund	NL0009756394	LSP LIFE SCIENCES	EUR	251,3400	251,3400	251,3400	509214,8400	9	251,3400	2026				
Investment fund	NL0010228730	NBZ	EUR	4,2900	4,2900	4,2900	643,5000	2	4,2900	150				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Investment fund	NL0000289882	NN BASIC MAT FD	EUR	55,1300	55,1300	55,1300	34070,3400	2	55,1300		618			
Investment fund	NL0000289767	NN DAILY C GDS FD	EUR	77,5000	77,5000	77,5000	24800,0000	6	77,5000		320			
Investment fund	NL0000287993	NN DUTCH FD	EUR	65,4300	65,4300	65,4300	224163,1800	4	65,4300		3426			
Investment fund	NL00006311789	NN DUURZAAM AAN FD	EUR	34,3100	34,3100	34,3100	182014,5500	3	34,3100		5305			
Investment fund	NL0000293173	NN DYN MIX FD IV	EUR	33,0200	33,0200	33,0200	193100,9600	5	33,0200		5848			
Investment fund	NL0000293157	NN DYN MIX FDII	EUR	30,3600	30,3600	30,3600	23620,0800	4	30,3600		778			
Investment fund	NL0000293165	NN DYN MIX FDIII	EUR	32,3500	32,3500	32,3500	207201,7500	4	32,3500		6405			
Investment fund	NL0000293181	NN DYN MIX FDV	EUR	32,3000	32,3000	32,3000	75808,1000	4	32,3000		2347			
Investment fund	NL0000293140	NN DYNAMIC MIX FDI	EUR	29,1400	29,1400	29,1400	6002,8400	3	29,1400		206			
Investment fund	NL0000292746	NN EDA Fund P	EUR	11,0100	11,0100	11,0100	2906,6400	6	11,0100		264			
Investment fund	NL0000286318	NN EI Fund P	EUR											
Investment fund	NL0012125736	NN EISE Fund A P	EUR	21,6900	21,6900	21,6900	10497,9600	3	21,6900		484			
Investment fund	NL0000292225	NN EMERGING EUR FD	EUR	55,2500	55,2500	55,2500	21547,5000	4	55,2500		390			
Investment fund	NL0000289791	NN ENERGY FD	EUR	46,5800	46,5800	46,5800	23010,5200	3	46,5800		494			
Investment fund	NL0012817134	NN EUR DEELN F -P	EUR	38,4800	38,4800	38,4800	18047,1200	5	38,4800		469			
Investment fund	NL00006311797	NN EUR OBLIG FD	EUR	33,9500	33,9500	33,9500	54252,1000	4	33,9500		1598			
Investment fund	NL00006311730	NN EUR SM CAPS FD	EUR	91,2900	91,2900	91,2900	115847,0100	6	91,2900		1269			
Investment fund	NL0000292332	NN EUROPE FD	EUR	28,3200	28,3200	28,3200	130498,5600	4	28,3200		4608			
Investment fund	NL00006311755	NN FAR EAST FD	EUR	44,3700	44,3700	44,3700	6211,8000	4	44,3700		140			
Investment fund	NL0000286169	NN FINANCIAL FD	EUR	20,9500	20,9500	20,9500	100224,8000	3	20,9500		4784			
Investment fund	NL0000286441	NN FIRSTCLAS OBLIG	EUR	23,3600	23,3600	23,3600	23546646,4000	9	23,3600		1007990			
Investment fund	NL00006311771	NN GLOB EMR MKT FD	EUR	39,8500	39,8500	39,8500	1165094,4500	7	39,8500		29237			
Investment fund	NL00006311839	NN GLOB OBL FD	EUR	14,7700	14,7700	14,7700	80555,5800	5	14,7700		5454			
Investment fund	NL00009265404	NN GLOB OPPORT FD	EUR	34,7000	34,7000	34,7000	6266715,9000	8	34,7000		180597			
Investment fund	NL00006311847	NN GLOB R ESTAT FD	EUR	85,3300	85,3300	85,3300	1261689,3800	6	85,3300		14786			
Investment fund	NL00006311805	NN GLOBAL FUND	EUR	84,0700	84,0700	84,0700	134512,0000	4	84,0700		1600			
Investment fund	NL00006311813	NN H DIV OBLIG FD	EUR	22,4700	22,4700	22,4700	8650,9500	3	22,4700		385			
Investment fund	NL0000292274	NN HEALTH CARE FD	EUR	69,7300	69,7300	69,7300	167282,2700	9	69,7300		2399			
Investment fund	NL0000289858	NN HOOG DIV A FD	EUR	32,5200	32,5200	32,5200	5934932,5200	11	32,5200		182501			
Investment fund	NL0000289841	NN INDUST FUND	EUR	59,5900	59,5900	59,5900	16387,2500	5	59,5900		275			
Investment fund	NL00006311821	NN INFO TECH FD	EUR	104,0600	104,0600	104,0600	422587,6600	8	104,0600		4061			
Investment fund	NL0000286078	NN JAPAN FD	EUR	16,8300	16,8300	16,8300	17637,8400	4	16,8300		1048			
Investment fund	NL00006311862	NN LION FD	EUR	35,1400	35,1400	35,1400	87182,3400	4	35,1400		2481			
Investment fund	NL0000289684	NN LUXURY C GDS FD	EUR	66,7100	66,7100	66,7100	52033,8000	5	66,7100		780			
Investment fund	NL0000286045	NN NORTH AMER FD	EUR	46,0000	46,0000	46,0000	83214,0000	5	46,0000		1809			
Investment fund	NL00006311748	NN PREM DIV FD	EUR	14,4300	14,4300	14,4300	393130,9200	10	14,4300		27244			
Investment fund	NL0000442101	NN RENTE P	EUR	14,7000	14,7000	14,7000	17507,7000	5	14,7000		1191			
Investment fund	NL0010489373	NN SXLTB Fund P	EUR											
Investment fund	NL0000289999	NN TEL SCES FD	EUR	36,4800	36,4800	36,4800	11235,8400	2	36,4800		308			
Investment fund	NL0000289668	NN UTILITIES FD	EUR	48,6200	48,6200	48,6200	14877,7200	3	48,6200		306			
Investment fund	NL0000442077	NN WM Fund P	EUR											
Investment fund	NL0010558805	OPT EuroRente Fd	EUR	25,9400	25,9400	25,9400	2075,2000	1	25,9400		80			
Investment fund	NL0010558813	OPT Wereld Aand Fd	EUR	36,7900	36,7900	36,7900	1361,2300	1	36,7900		37			
Investment fund	NL0000287118	OPTIMIX AMERICA FD	EUR	21,2200	21,2200	21,2200	13983,9800	2	21,2200		659			
Investment fund	NL0000287126	OPTIMIX EMERG MKTS	EUR	62,3300	62,3300	62,3300	124,6600	2	62,3300		2			
Investment fund	NL0000287092	OPTIMIX EUROP-FD D	EUR	116,3300	116,3300	116,3300	232,6600	2	116,3300		2			
Investment fund	NL0000287084	OPTIMIX INCOM FD C	EUR	36,5000	36,5000	36,5000	186697,5000	1	36,5000		5115			
Investment fund	NL0000287100	OPTIMIX MIX FD E	EUR	30,5800	30,5800	30,5800	232591,4800	2	30,5800		7606			
Investment fund	NL0011354873	RG GMFAC E G	EUR	131,7100	131,7100	131,7100	6585,5000	1	131,7100		50			
Investment fund	NL0011354865	RG WOCE E G	EUR	115,1600	115,1600	115,1600	35469,2800	7	115,1600		308			
Investment fund	NL0000292720	RO PRIVATE EQUITY	EUR	0,5700	0,5700	0,5700	570,0000	1	0,5700		1000			
Investment fund	NL00006238131	ROB AFRIKA FONDS	EUR											
Investment fund	NL0000286615	ROB HOLLANDS BEZIT	EUR											
Investment fund	NL0011896998	ROB QI GL DEV ENH	EUR	115,0100	115,0100	115,0100	96608,4000	3	115,0100		840			
Investment fund	LU0934195610	ROB TOT RET BDS DH	EUR	55,1900	55,1900	55,1900	162203,4100	5	55,1900		2939			
Investment fund	NL0010366407	ROBECO GLB ST EQ G	EUR	41,4700	41,4700	41,4700	351292,3700	10	41,4700		8471			
Investment fund	NL0000289783	ROBECO GLB STAR EQ	EUR	38,6100	38,6100	38,6100	280578,8700	12	38,6100		7267			
Investment fund	NL0000289817	ROLINCO	EUR	39,3900	39,3900	39,3900	111631,2600	8	39,3900		2834			
Investment fund	NL0010510798	ROLINCO - EUR G	EUR	41,7100	41,7100	41,7100	78748,4800	6	41,7100		1888			
Investment fund	NL0000288736	ROLINCO CUMPREF	EUR											
Investment fund	NL0000290088	T&P ALLEGRETTO FD	EUR	8,9200	8,9200	8,9200	3014,9600	2	8,9200		338			
Investment fund	IE00BN575Y56	TCH Class A	USD											
Investment fund	IE00BN575263	TCH Class B	EUR											
Investment fund	NL00006173007	TCM AFRC HDE	EUR	13,1500	13,1500	13,1500	2603,7000	2	13,1500		198			
Investment fund	NL0010278073	TCM GL FT HDE	EUR	12,5100	12,5100	12,5100	66840,9300	9	12,5100		5343			
Investment fund	NL00006489189	TCM VIETN HDE	EUR	17,9400	17,9400	17,9400	5902,2600	3	17,9400		329			
Investment fund	NL0000440204	TRIODOS GROENFONDS	EUR	57,5700	57,5700	57,5700	96429,7500	4	57,5700		1675			
Investment fund	NL0011327432	Triodos Mult Impac	EUR	24,8600	24,8600	24,8600	163653,3800	2	24,8600		6583			
Investment fund	NL0000079333	TRIODOS VASTGOED	EUR	2,4400	2,4500	2,4400	1063995,4400	7	2,4500		434301			
Investment fund	NL0010619748	US CONSERV HD EQ G	EUR	41,4400	41,4400	41,4400	217518,5600	9	41,4400		5249			
Investment fund	NL0010831046	US LARGE CAP EQ G	EUR	36,9700	36,9700	36,9700	55639,8500	3	36,9700		1505			
Investment fund	LU0237485098	WP STEWART HOLD FD	USD	466,1600	466,1600	466,1600	405,1800	1	466,1600		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	LU0237484448	WPSH EUR	EUR	396,2800	396,2800	396,2800	131168,6800	3	396,2800	331				
Other bond	XS1344751968	AAB 0.875%14JAN26	EUR											
Other bond	XS1548458014	AAB 1.125% 12JAN32	EUR											
Other bond	XS1352924275	AAB 1.211%27JAN23	EUR											
Other bond	XS1377257032	AAB 1.29%10MCH36	EUR											
Other bond	XS1645503621	AAB 1.375%12JAN37	EUR											
Other bond	XS1548493946	AAB 1.375%12JAN37	EUR											
Other bond	XS1381467585	AAB 1.5125%18MCH36	EUR											
Other bond	XS1834053149	AAB 1.518 8JUN38	EUR											
Other bond	XS1681558679	AAB 1.606%14SEP37	EUR											
Other bond	XS0940002628	AAB 1.625%03JUN19	EUR											
Other bond	XS0904039236	AAB 1.75%18JUN19	EUR											
Other bond	XS0810731637	AAB 1.875%31JUL19	EUR											
Other bond	XS1379607291	AAB 1.888%15MCH31	EUR											
Other bond	XS1394791492	AAB 1%13APR31	EUR											
Other bond	XS1218821756	AAB 1%16APR25	EUR											
Other bond	US00084DAN03	AAB 2.1%18JAN19	USD											
Other bond	XS1549579529	AAB 2.1%18JAN19	USD											
Other bond	XS1020769748	AAB 2.375%23JAN24	EUR											
Other bond	XS0937858271	AAB 2.5%29NOV2023	EUR											
Other bond	XS0968926757	AAB 2.5%5SEP2023	EUR											
Other bond	XS0553050724	AAB 2.721%03NOV20	EUR											
Other bond	XS0807189690	AAB 2.786%26JUL29	EUR											
Other bond	XS0956496375	AAB 2.905%31JUL23	EUR											
Other bond	XS0955560353	AAB 2%30JUL19	EUR											
Other bond	XS0940750762	AAB 3.03%5JUN2043	EUR											
Other bond	XS1005291650	AAB 3.1%18DEC33	EUR											
Other bond	XS1003541528	AAB 3.16% 13DEC25	EUR											
Other bond	XS0773649438	AAB 3.22%19APR27	EUR											
Other bond	XS0773367452	AAB 3.43%18APR19	EUR											
Other bond	XS0732631824	AAB 3.5%18JAN22	EUR											
Other bond	XS0543370430	AAB 3.5%21SEP2022	EUR											
Other bond	XS0519053184	AAB 3.625%22JUN20	EUR											
Other bond	XS0765299572	AAB 4.125%28MCH22	EUR											
Other bond	XS0550570955	AAB 4.155%20OCT22	EUR											
Other bond	XS0613145712	AAB 4.25%06APR21	EUR											
Other bond	XS0553805978	AAB 4.42%29OCT25	EUR											
Other bond	XS1055206038	AAB 4.625%16APR19	AUD											
Other bond	XS1693822634	AAB 4.75 PL	EUR											
Other bond	XS0729213131	AAB 4.75%11JAN19	EUR											
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											
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											



Instrument Type	Exchange Instrument ID	Instrument 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	XS0553043786	AAB FRN28OCT30	EUR											
Other bond	XS0553043943	AAB FRN28OCT31	EUR											
Other bond	XS0729611706	AAB FRN29MCH21	EUR											
Other bond	XS0766347933	AAB FRN30MCH24	EUR											
Other bond	XS0227787818	AAB FX MM ZC5OCT20	USD											
Other bond	XS0107382532	AAB GBP 6 3/8%28	GBP											
Other bond	XS1598702949	AAB GBP FRN30NOV18	GBP											
Other bond	XS1078025845	AAB GBP2.5%18DEC18	GBP											
Other bond	XS0731583208	AAB GBP4.875%1JAN19	GBP											
Other bond	XS1016899053	AAB NOK 4.23%1JAN24	NOK											
Other bond	XS0830620372	AAB NOK 4.76%SEP22	NOK											
Other bond	XS0633195978	AAB NOK 5.08%JUN21	NOK											
Other bond	XS0737138205	AAB NOK FRNFE822	NOK											
Other bond	XS0969645109	AAB NOK4.2%10SEP20	NOK											
Other bond	XS0550960313	AAB NOK4.5%20OCT20	NOK											
Other bond	XS0565716122	AAB NOK4.8%03DEC20	NOK											
Other bond	XS1033501666	AAB NOKFRN%18FEB19	NOK											
Other bond	XS1003346829	AAB NZD 6%17JUN19	NZD											
Other bond	XS1032493337	AAB SEKFRN%13FEB19	SEK											
Other bond	XS0779842912	AAB USD ZC22MAY42	USD											
Other bond	XS0779350965	AAB USD ZC24MAY42	USD											
Other bond	XS0766148570	AAB USD ZC5APR42	USD											
Other bond	XS0766163967	AAB ZC10APR42	USD											
Other bond	XS0769747055	AAB ZC12APR42	USD											
Other bond	XS1856791873	AAB0.5%17JUL2023	EUR											
Other bond	XS1023441469	AAB0.5%29JAN19	JPY											
Other bond	XS1244060486	AAB0.75%9JUN2020	EUR											
Other bond	XS1808739459	AAB0.875%22APR2025	EUR											
Other bond	XS1847694764	AAB0.88%25JUN2028	EUR											
Other bond	XS1874729624	AAB1.1%29AUG30	EUR											
Other bond	XS1747670922	AAB1.25%10JAN2033	EUR											
Other bond	XS1874835652	AAB1.3%3SEP2033	EUR											
Other bond	XS1874729897	AAB1.34%29AUG33	EUR											
Other bond	XS1874729970	AAB1.42%29AUG35	EUR											
Other bond	XS1824461906	AAB1.485%23MAY2034	EUR											
Other bond	XS1298431799	AAB1.50%30SEP30	EUR											
Other bond	XS1844347176	AAB1.53%2JUL2038	EUR											
Other bond	XS1876164846	AAB1.565%7SEP2043	EUR											
Other bond	XS1844175700	AAB1.597%26MAY2043	EUR											
Other bond	XS1838022322	AAB1.6%15JUN2038	EUR											
Other bond	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	US00084DAG51	AAB144A2.5%OCT18	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	AAB5.75%PL	EUR											
Other bond	XS1285364425	AABFRN08SEP2020	EUR											
Other bond	XS1743726918	AABFRN19JAN2021	USD											
Other bond	US00084DAR17	AABFRN19JAN2021	USD											
Other bond	XS1645476125	AABFRN19JUL2022	USD											
Other bond	XS1871116338	AABFRN27AUG2021	USD											
Other bond	US00084DAS99	AABFRN27AUG2021	USD											
Other bond	XS1701271709	AABGBP1.375%7JUN22	GBP											
Other bond	XS1374540760	AABN1.19%7MAR36	EUR											
Other bond	XS1218969746	AABN1.425%17APR45	EUR											
Other bond	XS1199453728	AABN1.75%10MAR20	CAD											
Other bond	XS1324462966	AABN1.795%26NOV35	EUR											
Other bond	XS1307243532	AABN1.803%15OCT35	EUR											



Instrument Type	Exchange Instrument ID	Instrument 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	XS1376388192	AABN1.862%7MAR2031	EUR											
Other bond	XS1325221031	AABN1.875%25NOV27	EUR											
Other bond	XS1381583902	AABN1.919%18MAR31	EUR											
Other bond	XS1265350238	AABN2.126%27JUL27	EUR											
Other bond	XS1333213491	AABN2.25%14DEC30	EUR											
Other bond	XS1328124893	AABN2.375%02DEC36	EUR											
Other bond	XS1330259018	AABN2.375%7DEC21	GBP											
Other bond	XS1295345919	AABN2.5%01OCT35	EUR											
Other bond	XS1346254573	AABN2.875%18JAN23	EUR											
Other bond	XS1309526157	AABN3.10%23OCT25	NOK											
Other bond	XS1344520728	AABNFRN1JAN2019	EUR											
Other bond	XS1297496876	AABNFRN1SEP2019	EUR											
Other bond	USN0028HAP03	AABREGS 7.75%MAY23	USD											
Other bond	XS1492363848	AABREGS1.8%20SEP19	USD											
Other bond	XS1241945473	AABREGS2.45%4JUN20	USD											
Other bond	XS0987211181	AABREGS2.5%OCT18	USD											
Other bond	XS1253955469	AABREGS2.875%JUN25	EUR											
Other bond	XS1246723503	AABSGD3.43%19JUN25	SGD											
Other bond	XS0619548216	ABN 6.375%27APR21	EUR	115,1900	115,1900	115,1900	88696,3000	3	115,1900	77000				
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	103,6000	104,7500	103,6000	1591904,1000	52	104,5600	1527000				
Other bond	XS1722558258	ACHMEA80.375%NOV24	EUR											
Other bond	NL0000120889	AEGON 4.26%PL	NLG	92,2500	92,2500	92,2500	10465,3000	1	92,2500	25000				
Other bond	NL0000120004	AEGON FRN PL	NLG	80,4500	80,4500	80,4500	1825,3300	1	80,4500	5000				
Other bond	NL0000116150	AEGON 1.769%PL	EUR	82,9900	82,9900	82,2000	132393,4500	11	82,2000	160100				
Other bond	NL0000116168	AEGON USD 1.709%PL	USD	83,8000	83,8000	83,8000	13110,8200	1	83,8000	18000				
Other bond	NL0000121416	AEGON1.425%PL	NLG	71,3500	71,8000	70,5000	405722,6600	39	71,8000	1255000				
Other bond	XS0473964509	AEGON6.625%16DEC39	GBP											
Other bond	XS1637329639	AEGON80.75%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 1 4.781%PLD	EUR											
Other bond	XS1400167133	ALLIA0.857%22APR26	EUR											
Other bond	XS0854759080	ALLIAN 2.25%NOV22	EUR											
Other bond	XS0792977984	ALLIAN 2.875%JUN24	EUR											
Other bond	XS0558238043	ALLIAND 4.875%PL	EUR											
Other bond	XS1757377400	ALLIANDER1.625%PL	EUR											
Other bond	XS0997535520	ALLIANDER3.25%PL	EUR											
Other bond	DE000A0GNP23	ALLIANZF2 5 3/8%PL	EUR	107,8000	107,8000	107,5000	4306,0000	2	107,5000	4000				
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											



Instrument Type	Exchange Instrument ID	Instrument 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	US04011NAQ16	ARGENTINAZC28MAY26	EUR											
Other bond	US04011NAR98	ARGENTINAZC28MAY28	EUR											
Other bond	XS1293505639	ASR 5.125%29SEP45	EUR											
Other bond	NL0009213545	ASR NL 10% PL	EUR	109,6000	109,6000	109,6000	5480,0000	1	109,6000	5000				
Other bond	NL0009213552	ASR NL 7.25% PL	EUR	105,7000	105,7000	105,7000	10570,0000	3	105,7000	10000				
Other bond	XS1115800655	ASRNED5%PL	EUR	107,2000	107,2000	107,2000	1072,0000	1	107,2000	1000				
Other bond	XS0203470157	AXA FRNPL	EUR											
Other bond	XS0188935174	AXA FRNPL	EUR											
Other bond	DE000A0DD4K8	BA CA FIN 2.342%PL	EUR											
Other bond	DE000A0DEJU3	BANC ESPA FRNPL	EUR											
Other bond	XS0205497778	BANCAJA 4.625%PLD	EUR											
Other bond	DE000A0DE4Q4	BANCO ESP.2 5.5%PL	EUR											
Other bond	XS0234546538	BANKOFAMERIC6%2020	EUR											
Other bond	NL0009631944	BEST10A 1.235%99	EUR											
Other bond	NL0009631951	BEST10B 1.335%99	EUR											
Other bond	NL0009631969	BEST10C 1.435%99	EUR											
Other bond	NL0009631977	BEST10D 1.535%99	EUR											
Other bond	DE000A0DVW70	BNC AUSTR FRNPL	EUR											
Other bond	XS0300654331	BNG 4.525%32	EUR											
Other bond	XS0106117764	BNG 6.020%28	EUR											
Other bond	XS0702058156	BNG 1.728%04JAN21	EUR											
Other bond	XS0478263816	BNG 3.75%14JAN20	EUR											
Other bond	XS0463097237	BNG 3.875%04NOV19	EUR	104,4700	104,4700	104,4700	62682,0000	1	104,4700	60000				
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	102,5000	102,5000	102,5000	2050,0000	1	102,5000	2000				
Other bond	XS0575962286	BNG FRN9FEB21	EUR	101,9400	101,9500	101,8000	274073,0000	10	101,8200	269000				
Other bond	XS0106561094	BNG GBP 5 3/4%19	GBP											
Other bond	XS0092607497	BNG GBP 5 3/8%21	GBP											
Other bond	XS0096806590	BNG GBP 5.200%28	GBP											
Other bond	XS0809685158	BNG GBP1.875%DEC18	GBP											
Other bond	XS0405267062	BNG USD 5.23%38	USD											
Other bond	XS0465793643	BNG USD ZC18NOV39D	USD											
Other bond	XS0823045843	BNG ZAR Z%31AUG27	ZAR											
Other bond	XS0845463990	BNG ZAR ZC18OCT22	ZAR											
Other bond	XS0076219491	BNG ZAR ZC29DEC20	ZAR											
Other bond	XS0085675493	BNG ZAR ZC31DEC18	ZAR											
Other bond	XS0085517661	BNG ZAR ZC31DEC25	ZAR											
Other bond	XS0356235076	BNG ZC7APR38	USD											
Other bond	XS1396307693	BNG1.627%25APR2046	EUR											
Other bond	XS1030988585	BNG2.125%13FEB19	SEK											
Other bond	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	80,9700	80,9700	80,9700	40485,0000	2	80,9700	50000				
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											



Instrument Type	Exchange Instrument ID	Instrument 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	XS0179679914	CHAP03 C FRNNOV64	EUR											
Other bond	XS0181842146	CHAP03 D FRNNOV64	EUR											
Other bond	XS0287346976	CHAP07A1 FRNJUL66	EUR											
Other bond	XS0291271319	CHAP07A2 FRNJUL66	EUR											
Other bond	XS0287349566	CHAP07B FRNJUL66	EUR											
Other bond	XS0287351463	CHAP07C FRNJUL66	EUR											
Other bond	XS0287352198	CHAP07D FRNJUL66	EUR											
Other bond	XS0287352511	CHAP07E FRNJUL66	EUR											
Other bond	XS0290510626	CHAP07F FRNJUL66	EUR											
Other bond	XS0290516409	CHAP07G FRNJUL66	EUR											
Other bond	XS0445087702	CHEPSTW1FRNNOV43D	GBP											
Other bond	XS0445087884	CHEPSTW2FRNNOV43D	GBP											
Other bond	NL0000113827	COLONNADE 4 3/4%18	EUR											
Other bond	XS0896119384	CORIO 3.25%FEB21	EUR											
Other bond	XS0864386825	CORIO 3.516%DEC22	EUR											
Other bond	XS0531584984	CORIO 5.448%AUG20	EUR											
Other bond	FR0010161026	CREDIT AG FRNPL	EUR											
Other bond	XS0301504659	CSI MAN EUR ZC19	EUR											
Other bond	XS0556969854	CWB AUS FRN8DEC18	EUR											
Other bond	DE000A0E5J04	DB CAP T1 FRNPL	EUR											
Other bond	XS0230409301	DB FX/FL 5%35	EUR											
Other bond	XS1373216453	DCDML16-1A28JAN49	EUR											
Other bond	XS1373216610	DCDML16-1B28JAN49	EUR											
Other bond	XS1373216701	DCDML16-1C28JAN49	EUR											
Other bond	XS1373216966	DCDML16-1D28JAN49	EUR											
Other bond	XS1373217006	DCDML16-1E28JAN49	EUR											
Other bond	XS1442019144	DCDML16-1F28JAN49	EUR											
Other bond	XS1373217261	DCDML16-1RS28JAN49	EUR											
Other bond	XS0821168423	DELTA L L9%28AUG42	EUR	125,9500	126,4800	125,9500	65504,6000	2	126,4800	52000				
Other bond	XS1076781589	DELTALLOYDFRNPL	EUR	103,8000	103,8200	103,8000	155720,0000	3	103,8200	150000				
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	DE000A0D24Z1	DPOSTB FT3 FRNPL	EUR											
Other bond	XS1293087703	DSM 1.375%26SEP22	EUR											
Other bond	XS0993228294	DSM 1.75%13NOV19	EUR											
Other bond	XS1215181980	DSM 1%9APR25	EUR											
Other bond	XS1495373505	DSM0.75%28SEP2026	EUR											
Other bond	XS1041772986	DSM2.375%03APR24	EUR											
Other bond	XS0216513118	E-MAC SA 3.292%38	EUR											
Other bond	XS0216513548	E-MAC SB 4.942%38	EUR											
Other bond	XS0216513977	E-MAC SC 6.692%38	EUR											
Other bond	XS0216514199	E-MAC SD 8.192%38	EUR											
Other bond	XS0188806870	E-MAC A 2.702%36	EUR											
Other bond	XS0207208165	E-MAC A 3.722%37	EUR											
Other bond	XS0188807506	E-MAC B 4.542%36	EUR											
Other bond	XS0207209569	E-MAC B 6.352%37	EUR											



Instrument Type	Exchange Instrument ID	Instrument 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	XS0188807928	E-MAC C 5.942%36	EUR											
Other bond	XS0207211037	E-MAC C 10.692%37	EUR											
Other bond	XS0207210906	E-MAC C 9.532%37	EUR											
Other bond	XS0188808819	E-MAC D 7.942%36	EUR											
Other bond	XS0272210765	EDAM06-4 USDFRN22D	USD											
Other bond	XS0272209163	EDAM06-7 FRNOCT22D	EUR											
Other bond	XS0272211656	EDAM6-9USD0.25%22D	USD											
Other bond	XS1744727774	EDML18AFRN28JAN57	EUR											
Other bond	XS1744728749	EDML18BFRN28JAN57	EUR											
Other bond	XS1744729044	EDML18CFRN28JAN57	EUR											
Other bond	XS1744729127	EDML18DFRN28JAN57	EUR											
Other bond	XS1744729390	EDML18EFRN28JAN57	EUR											
Other bond	XS1744729473	EDML18FFRN28JAN57	EUR											
Other bond	XS1744734556	EDML18GFRN28JAN57	EUR											
Other bond	XS1744734630	EDML18HFRN28JAN57	EUR											
Other bond	XS1744738383	EDML18RSZC28JAN57	EUR											
Other bond	XS1626192766	EDMLAFRNOCT55	EUR											
Other bond	XS1626192840	EDMLBFRNOCT55	EUR											
Other bond	XS1626193145	EDMLCFRNOCT55	EUR											
Other bond	XS1626193228	EDMLDFRNOCT55	EUR											
Other bond	XS1626193491	EDMLEFRNOCT55	EUR											
Other bond	XS1626193574	EDMLFRNOCT55	EUR											
Other bond	XS1626193657	EDMLRSZCOCT55	EUR											
Other bond	XS0234821345	EFGHELLAS FL 6%PLD	EUR											
Other bond	XS0224480722	EIB FRN17AUG30D	EUR	102,0000	102,3000	102,0000	56115,0000	2	102,3000	55000				
Other bond	XS0229097547	EIB FX/FL FRNOCT25	EUR	103,3900	103,5000	103,3900	46533,2000	2	103,5000	45000				
Other bond	XS0218115649	EMACNH2A 0.537%38	EUR											
Other bond	XS1396367911	ENEXIO.875%28APR26	EUR											
Other bond	XS0854400800	ENEXIS 1.875%NOV20	EUR											
Other bond	XS0737138460	ENEXIS 3.375%JAN22	EUR											
Other bond	XS1307369717	ENEXIS1.5%20OCT23	EUR											
Other bond	XS1140297182	ESSENCEV1.1%DEC63	EUR											
Other bond	XS1400651706	ESSENCEV10.5%MAY65	EUR											
Other bond	XS1600520743	ESSENCEV10.3%JUL57	EUR											
Other bond	XS1529559525	EUROCL1.125%7DEC26	EUR											
Other bond	XS0255154717	FB LUX CCF FRN21	EUR											
Other bond	XS1315157153	FMO 0.125%4NOV20	EUR											
Other bond	XS1758747718	FMO 0.75%29NOV23	SEK											
Other bond	XS1121265117	FMO 4.75%16OCT19	NZD											
Other bond	XS1033747079	FMO FRN 27MCH21	EUR											
Other bond	XS1124401511	FMO FRN%21OCT19	USD											
Other bond	XS1020305832	FMO FRN%29JAN21	EUR											
Other bond	XS1219963672	FMO0.125%20APR22	EUR											
Other bond	XS1117279379	FMO1.5%08DEC25	EUR											
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											



Instrument Type	Exchange Instrument ID	Instrument 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	DE000A0G18M4	HELABAMC2 5.75%PL	EUR											
Other bond	XS0367262705	HERM A XV FRNAPR45	EUR											
Other bond	XS0367268736	HERMD XV 2.277%45	EUR											
Other bond	XS0271029562	HERMESXIE1.363%38	EUR											
Other bond	XS0311660392	HHOMOR2 2A FRN39	EUR											
Other bond	XS0311660806	HHOMOR2 B FRN39	EUR											
Other bond	XS1240962511	HIGHWAY15AFRN MAY25	EUR											
Other bond	XS0221141400	HSHPHRE 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	XS1207091270	HYPENN3A1FRNSEP97	EUR											
Other bond	NL0011474069	HYPENN4A1FRNOCT97	EUR											
Other bond	NL0011474077	HYPENN4A2FRNOCT97	EUR											
Other bond	NL0011821129	HYPENN5A1FRNOCT97	EUR											
Other bond	NL0011821137	HYPENN5A2FRNOCT97	EUR											
Other bond	NL0011984489	HYPENNGFRNSEP2097	EUR											
Other bond	NL0010739389	HYPNIA3 1.64%FB46	EUR											
Other bond	NL0000122489	ING 5 1/4%19	EUR	104,0500	104,0500	104,0500	5202,5000	1	104,0500	5000				
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	NL0000113587	INGGROEP FRNPL	EUR	87,3500	87,3500	87,3500	34940,0000	4	87,3500	40000				
Other bond	NL0000116127	INGGROEP FRNPL	EUR	84,7500	84,7500	84,7500	4237,5000	1	84,7500	5000				
Other bond	XS1576220484	INGGROEP0.75%MAR22	EUR											
Other bond	XS1882544627	INGGROEP1%20SEP23	EUR											



Instrument Type	Exchange Instrument ID	Instrument 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	XS1882544973	INGGROEP2%20SEP28	EUR											
Other bond	XS1683357252	INGGROEP4%14SEP32	USD											
Other bond	XS1882544205	INGGROEPFRN20SEP23	EUR											
Other bond	XS0586994542	INGNOK5.115%1FEB21	NOK											
Other bond	XS0222934944	INVESTEC P7.075%PL	EUR											
Other bond	XS0221640070	ISLANDBANKI 8%PLD	EUR											
Other bond	XS0228393731	JPM RAN FRNAUG35D	EUR											
Other bond	XS0194983366	JYSKE BANK FRNPL	EUR											
Other bond	XS0997385967	KIGOIFRN27JAN64	EUR											
Other bond	XS0411850075	KONINKPN 7.5% 19	EUR											
Other bond	XS0811124790	KPN 3.25%01FEB21	EUR											
Other bond	XS0543354236	KPN 3.75%21SEP20	EUR											
Other bond	XS0752092311	KPN 4.25%01MCH22	EUR											
Other bond	XS0677389347	KPN 4.50%4OCT21	EUR											
Other bond	XS0454773713	KPN 5.625%30SEP24	EUR											
Other bond	XS0451790280	KPN 5.75%17SEP29	GBP											
Other bond	XS0707430947	KPN GBP 5%18NOV26	GBP											
Other bond	XS0303070113	KPN GBP 6%19	GBP											
Other bond	XS0903872603	KPN GBP FRN14MCH73	GBP											
Other bond	USN7637QAC70	KPN USD 8 3/8%30	USD											
Other bond	XS1485532896	KPN0.625%09APR2025	EUR											
Other bond	XS1485533431	KPN1.125%11SEP2028	EUR											
Other bond	US780641AH94	KPN2 USD 8 3/8%30	USD											
Other bond	US50048VAA89	KPNUSD144AFRNMCH73	USD											
Other bond	USN4297BBC74	KPNUSD RS 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	LEASEFRN4NOV2020	EUR											
Other bond	XS1693260702	LEASEPL0.75%3OCT22	EUR											
Other bond	XS1814402878	LEASEPL1%2MAY2023	EUR											
Other bond	XS1418631930	LEASEPLAN1%24MAY21	EUR											
Other bond	XS1392460397	LEASEPLAN1%8APR20	EUR											
Other bond	XS1567177032	LEASEPLANFRNFEB20	EUR											
Other bond	XS1757442071	LEASEPLFRN25JAN21	EUR											
Other bond	XS1225442901	LEASPLAN0.82%APR19	EUR											
Other bond	XS1068010377	LEASPLAN1.66%DEC18	EUR											
Other bond	XS0229584296	LEHMAN 7.25%35D	EUR											
Other bond	XS0282978666	LEHMAN 5.75%PLD	EUR											
Other bond	XS0215349357	LEHMAN 6.625%PLD	EUR											
Other bond	XS0301813522	LEHMAN 6.9%PLD	USD											
Other bond	XS0232364868	LEHMAN 6%35D	EUR											
Other bond	XS0213416141	LEHMAN 8.25%MRT35D	EUR											
Other bond	XS0210433206	LEHMAN FRCMS6%35D	EUR											
Other bond	XS0218304458	LEHMAN STEEP 7%35D	EUR											
Other bond	XS0988484878	LOWLAND3A1FRNSEP45	EUR											
Other bond	XS1551596775	LOWLAND4FRNFEB2054	EUR											
Other bond	XS1815297095	LOWLANDS1%18MAY55	EUR											
Other bond	XS1815296014	LOWLANDSFRN18MAY55	EUR											
Other bond	XS0988486493	LOWLANDA23.5%SEP45	EUR											
Other bond	XS1551596858	LOWLANDIV1%FEB2056	EUR											
Other bond	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	MONASO6B FRNNOV44	EUR											
Other bond	XS0271448457	MONASO6C FRNNOV44	EUR											
Other bond	XS0271450784	MONASO6D 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	NEDW8K 5.15%24	EUR											



Instrument Type	Exchange Instrument ID	Instrument 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	XS0193072559	NEDWBK 1.152%19	EUR											
Other bond	XS0212342066	NEDWBK 3.7/8%20	EUR											
Other bond	XS0130092793	NEDWBK 5.3/8%32	GBP											
Other bond	CA639832AA25	NEDWBK CAD 5.2%25	CAD											
Other bond	XS0611951814	NEDWBK FRN27APR21	EUR	101,8600	102,2300	101,8600	66431,0000	5	102,2300	65000				
Other bond	XS0212064231	NEDWBK FRN30OCT34	EUR											
Other bond	XS0217042885	NEDWBK FRN30OCT34	EUR											
Other bond	XS0207612614	NEDWBK USD ZCDEC34	USD											
Other bond	XS0149727496	NEDWBK USD ZCJUL22	USD											
Other bond	XS0149727736	NEDWBK USD ZCJUL22	USD											
Other bond	XS0171957433	NEDWBK USD ZCJUL33	USD											
Other bond	XS0176581311	NEDWBK USD ZCSEP23	USD											
Other bond	XS0286430128	NEDWBK7 3.875%20	EUR											
Other bond	XS1622394143	NFMO 0.125%1JUN23	EUR											
Other bond	XS1597290524	NFMO 0.75%29NOV23	SEK											
Other bond	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	106,7500	106,7500	106,5100	26665,9000	4	106,5100	25000				
Other bond	XS0249580357	NIBC FRNPL	EUR											
Other bond	XS0215294512	NIBC FRNPL	USD											
Other bond	XS1222431097	NIBCO.25%APR2022	EUR											
Other bond	XS1423753463	NIBCO.625%1JUN2026	EUR											
Other bond	XS1054163347	NIBCL.25%08APR2019	EUR											
Other bond	XS1183596151	NIBC4%24MAR25	EUR											
Other bond	XS1891426766	NIBCB2.105%10OCT33	EUR											
Other bond	XS1877512258	NIBCBAN1%11SEP2060	EUR											
Other bond	XS1753809141	NIBCBAN1%24JAN2060	EUR											
Other bond	XS1687263258	NIBCBKFRN20SEP19	EUR											
Other bond	XS1070004707	NIBCFRN23MAY19	EUR											
Other bond	XS1033023745	NL MTN 1% 18FEB19	EUR											
Other bond	XS1550988569	NN 0.875 13JAN23	EUR											
Other bond	XS1550988643	NN 4.625 13 JAN48	EUR											
Other bond	NL0013019375	NNBAN0.625%11SEP25	EUR											
Other bond	NL0012650477	NNBANK0.5%10OCT24	EUR											
Other bond	NL0013088990	NNBANK1%25SEP2028	EUR											
Other bond	XS1623355374	NNGROUP0.25%1JUN20	EUR											
Other bond	XS1204254715	NNGROUP1%18MAR22	EUR											
Other bond	XS1028950290	NNGROUP4.5%PL	EUR	103,4000	103,8100	103,4000	105658,8000	6	103,5000	102000				
Other bond	XS1054522922	NNGROUP4.625%APR44	EUR	107,0000	107,2100	107,0000	85604,2000	2	107,2100	80000				
Other bond	XS1623355457	NNGRP1.625%1JUN27	EUR											
Other bond	XS0200688256	NORDEA BK FRNPL	EUR											
Other bond	XS0232189331	NORDIC IB FRNOCT25	EUR											
Other bond	XS0592584519	NWB FRN25FEB26D	EUR											
Other bond	XS1090889350	OCH A1 FRN27NOV75	EUR											
Other bond	XS1210016165	OCH A2 FRN27NOV75	EUR											
Other bond	XS1090889517	OCH B FRN27NOV75	EUR											
Other bond	XS1090889608	OCH C FRN27NOV75	EUR											
Other bond	XS0215556142	OLDMUTUAL 6.376%PL	GBP											
Other bond	NL0011866207	OLXIIIFRN20JUN2052	EUR											
Other bond	NL0011866231	OLXIVFRN20JUN2052	EUR											
Other bond	NL0011866264	OLXVFRN20JUN2052	EUR											
Other bond	NL0012707327	OLXVIA1FRN20FEB57	EUR											
Other bond	NL0012707335	OLXVIA2FRN20FEB57	EUR											
Other bond	NL0000133924	OOSTNRIJK 6 1/4%24	NLG											
Other bond	AT0000383864	OOSTNRIJK 6 1/4%27	EUR											
Other bond	XS0212688013	OOSTRIJK FRN4MCH20	EUR											
Other bond	XS0217517829	OOSTRIJK FRNAPR20	EUR											
Other bond	NL0011275425	ORALION11AFRNAPR47	EUR											
Other bond	NL0011333729	ORALION12AFRNJUL47	EUR											
Other bond	NL0010365896	ORAN 8A FRN%NOV44	EUR											
Other bond	NL0010525457	ORAN10A FRNJUN2045	EUR											
Other bond	NL0010525465	ORAN10B FRNJUN2045	EUR											
Other bond	NL0010525473	ORAN10C FRNJUN2045	EUR											
Other bond	NL0010525481	ORAN10D FRNJUN2045	EUR											
Other bond	NL0010525499	ORAN10E FRNJUN2045	EUR											
Other bond	NL0010525507	ORAN10F FRNJUN2045	EUR											



Instrument Type	Exchange Instrument ID	Instrument 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	NL0010395133	ORAN9A FRNMCH51	EUR											
Other bond	XS0265252253	PEAMBS1 FRNSEP47	EUR											
Other bond	XS0265250638	PEAMBS1 FRNSEP47	EUR											
Other bond	XS0544014854	PHED10 A FRNOCT48	EUR											
Other bond	XS0544016396	PHED10 B FRNOCT48	EUR											
Other bond	XS1709433509	POSTNL1%NOV24	EUR											
Other bond	XS0736639112	PRIM A FRN28NOV40	EUR											
Other bond	XS0736642686	PRIM B FRN28NOV40	EUR											
Other bond	XS0736644203	PRIM C FRN28NOV40	EUR											
Other bond	XS1434632813	PUSTOM16AFRNAUG52	EUR											
Other bond	XS1434642374	PUSTOM16BFRNAUG52	EUR											
Other bond	XS1434645047	PUSTOM16CFRNAUG52	EUR											
Other bond	XS1434646797	PUSTOM16DFRNAUG52	EUR											
Other bond	XS1434647092	PUSTOM16ZFRNAUG52	EUR											
Other bond	XS0954910146	RABO 3.875%25JUL23	EUR											
Other bond	XS0576532054	RABO 4.125%12JAN21	EUR											
Other bond	XS1155699371	RABO1.055%18DEC23	EUR											
Other bond	XS1382784509	RABO1.25%23MAR2026	EUR											
Other bond	XS1180130939	RABO1.375%3FEB27	EUR											
Other bond	XS1771890578	RABO1.514%22FEB38	EUR											
Other bond	XS1020295348	RABO1.75%22JAN19	EUR											
Other bond	XS1069772082	RABO2.5%26MAY26	EUR											
Other bond	XS1069886841	RABO4.625%23MAY29	GBP											
Other bond	XS1592433038	RABOBAN4%10APR2029	USD											
Other bond	XS1171914515	RABOBANK5.5%PL	EUR											
Other bond	XS1753042313	RABOBANKFRN17JAN20	EUR											
Other bond	XS0429484891	RABOBNEED 5.875%19	EUR											
Other bond	XS0368541032	RABOBNEED 6.567% PL	GBP											
Other bond	XS1002121454	RABOCERTIFFRNPL	EUR	115,9000	115,9000	115,4000	2883511,8300	162	115,4500	2493375				
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	107,2000	107,2000	107,2000	160800,0000	2	107,2000	150000				
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											
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	117,0000	119,9000	117,0000	9447,0000	2	119,9000	8000				
Other bond	XS1205680785	RB GBP2.25%23MCH22	GBP											
Other bond	XS0827563452	RB GBPS.25%14SEP27	GBP											
Other bond	DE000A06C37	RB SCOTL 5.25%PL	EUR	101,0000	101,0000	101,0000	18180,0000	1	101,0000	18000				
Other bond	XS0205935470	RB SCOTL 5.5%PL	EUR	101,0000	101,0000	101,0000	122210,0000	2	101,0000	121000				
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											



Instrument Type	Exchange Instrument ID	Instrument 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	XS0436313653	RBUSDCALZC06JUL39D	USD											
Other bond	DE0009842542	RESPARC 7.5%PLD	EUR											
Other bond	XS1437013870	RSCHIG1.124%JUL28	EUR											
Other bond	XS0997565436	RSCHIG2.936%DEC25	EUR											
Other bond	XS0983151282	RSCHIG3.0842%OCT25	EUR											
Other bond	XS0621167732	RSCHIG4.43%APR21	EUR											
Other bond	XS0459479399	RSCHIG4.935%OCT19	EUR											
Other bond	XS0459442710	RSCHIG4.966%OCT19	EUR											
Other bond	XS0193631040	RZB FIN 3 FRNPL	EUR											
Other bond	XS1033756906	SAECUR14A1FRNJAN92	EUR											
Other bond	XS1033757201	SAECUR14A2FRNJAN92	EUR											
Other bond	XS1028941620	SAECUR15A1FRNJAN92	EUR											
Other bond	XS1028942511	SAECUR15A2FRNJAN92	EUR											
Other bond	XS0202774245	SANTANDER 5 3/4%PL	EUR	102,2500	102,2600	102,2500	5112,9000	2	102,2600	5000				
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	116,2800	116,2800	115,8400	296188,5000	8	115,8400	255000				
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	STOR18IIIFRN22SEP65	EUR											
Other bond	XS1197737684	STORM15AFRN22JUN54	EUR											
Other bond	XS1197753376	STORM15BFRN22JUN54	EUR											
Other bond	XS1197758250	STORM15CFRN22JUN54	EUR											
Other bond	XS1197763417	STORM15DFRN22JUN54	EUR											
Other bond	XS1271705334	STORM15IBAFRNJUN54	EUR											
Other bond	XS1271705177	STORM15IIAFRNJUN54	EUR											
Other bond	XS1271705417	STORM15IICFRNJUN54	EUR											
Other bond	XS1271705680	STORM15IIDFRNJUN54	EUR											
Other bond	XS1336735805	STORM16IA1FRNAPR54	EUR											
Other bond	XS1336738221	STORM16IA2FRNAPR54	EUR											
Other bond	XS1336739039	STORM16IBFRNAPR54	EUR											
Other bond	XS1336739625	STORM16ICFRNAPR54	EUR											
Other bond	XS1336740805	STORM16IDFRNAPR54	EUR											
Other bond	XS1336743148	STORM16IEFRNAPR54	EUR											
Other bond	XS1477681255	STORM16IIAFRNAUG63	EUR											
Other bond	XS1477681339	STORM16IIIBFRNAUG63	EUR											
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	XS0835845560	STRM12VA FRNOCT54	EUR											
Other bond	XS0835850560	STRM12VB FRNOCT54	EUR											
Other bond	XS0835858118	STRM12VC FRNOCT54	EUR											
Other bond	XS0835859272	STRM12VD FRNOCT54	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	STRM14IIIBFRNMAR51	EUR											
Other bond	XS1071276403	STRM14IIICFRNMAR51	EUR											
Other bond	XS1071277120	STRM14IIIDFRNMAR51	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											



Instrument Type	Exchange Instrument ID	Instrument 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	XS0593606121	TENNET 4.625%FEB23	EUR											
Other bond	XS0513509959	TENNET 4.75% JUN30	EUR											
Other bond	XS1632897762	TENNET0.75%JUN25	EUR											
Other bond	XS1505568136	TENNET1.25%24OCT33	EUR											
Other bond	XS1828037587	TENNET1.375%5JUN28	EUR											
Other bond	XS1632897929	TENNET1.375%JUN29	EUR											
Other bond	XS0988014212	TENNET2.125%NOV20	EUR											
Other bond	XS1591694481	TENNET2.995%PERPT	EUR											
Other bond	XS1828037827	TENNET2%5JUN34	EUR											
Other bond	XS1241581179	TENNETH0.875%JUN21	EUR											
Other bond	XS1241581096	TENNETH1.75%JUN27	EUR											
Other bond	XS1432384409	TENNETH1.875%JUN36	EUR											
Other bond	XS1432384664	TENNETH1%13JUN2026	EUR											
Other bond	XS0219992616	TOPAZ J3 FRNMAY20D	JPY											
Other bond	XS1560644830	UN GBP1.125%3FEB22	GBP											
Other bond	XS1654191623	UNI 0 PCT31JUL21	EUR											
Other bond	XS1566100977	UNI 0.375%14FEB23	EUR											
Other bond	XS1654192191	UNI 0.875% 31JUL25	EUR											
Other bond	XS1654192274	UNI 1.375% 31JUL29	EUR											
Other bond	XS1048655184	UNI 2%19DEC2018	GBP											
Other bond	XS1566101603	UNI1%14FEB27	EUR											
Other bond	XS1769090728	UNILO.5%12FEB2023	EUR											
Other bond	XS1873208950	UNILO.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	115,0500	115,0500	115,0500	1150,5000	1	115,0500	1000				
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											
Share	NL0000852564	AALBERTS INDUSTR	EUR	32,8700	33,1200	32,4700	11974746,2500	2727	32,4700	366195				
Share	NL0011540547	ABN AMRO Group	EUR	22,8100	23,0000	22,4100	59374574,2300	6653	22,4300	2619604				
Share	NL0009767532	ACCELL GROUP	EUR	16,6000	16,6800	16,4600	300943,3400	148	16,4800	18181				
Share	GB008Q0FX454	ACCYS	EUR	1,0750	1,1050	1,0750	40193,7900	27	1,0900	36657				
Share	NL0012969182	ADYEN	EUR	598,3000	614,7000	580,2000	37191300,3000	4660	599,0000	61522				
Share	NL0000303709	AEGON	EUR	5,3100	5,3860	5,3040	48482673,8200	6995	5,3240	9065083				
Share	NL0011794037	AHOLD DEL	EUR	19,6400	20,0400	19,6140	123483112,8100	14462	19,9060	6200347				
Share	NL0000018034	AJAX	EUR	12,7500	12,7500	12,6500	4914,9000	11	12,7000	387				
Share	NL0000009132	AKZO NOBEL	EUR	76,0600	76,1600	74,0200	78584678,4800	8141	74,2000	1055245				
Share	NL0012817175	ALFEN	EUR	13,8000	13,8500	13,6540	86272,9500	76	13,8000	6265				
Share	NL0011333760	ALTICE EUROPE B	EUR	2,3600	2,4800	2,3400	107986,1800	96	2,3700	44963				
Share	NL0011333752	ALTICE EUROPE N.V.	EUR	2,3500	2,4770	2,3350	21416321,3300	4672	2,3650	8891492				
Share	NL0012194724	ALUMEXX N.V.	EUR	0,8400	0,8500	0,8120	7153,3800	18	0,8200	8619				
Share	NL0000888691	AMG	EUR	40,0200	41,4800	39,7600	12236382,7000	2622	40,4600	300307				
Share	NL0000313286	AMSTERDAM COMMOD.	EUR	19,0000	19,0000	18,6200	204771,0400	122	18,6600	10916				
Share	NL0000430106	AND INTERNATIONAL	EUR	2,6900	2,6900	2,5400	734,8600	3	2,6800	274				
Share	GB00815Y0C52	AP ALTERNAT ASSETS	USD	0,1200	0,1300	0,1200	14190,9400	2	0,1300	125639				
Share	LU0569974404	APERAM	EUR	36,8800	37,5400	36,7500	9793269,2400	2256	36,9200	264234				
Share	NL0006237562	ARCADIS	EUR	13,5600	13,8500	13,4400	2566441,5600	925	13,6000	188227				



Instrument Type	Exchange Instrument ID	Instrument 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	LU1598757687	ARCELOMITTAL SA	EUR	24,7500	25,2200	24,5450	129731772,3300	17454	24,7300	5208084				
Share	NL0000334118	ASM INTERNATIONAL	EUR	42,3000	42,3800	41,1300	7573268,4800	1589	41,1300	182834				
Share	NL0010273215	ASML HOLDING	EUR	158,5800	160,1400	155,3200	281788057,5600	26660	155,3200	1788881				
Share	NL0011872643	ASR NEDERLAND	EUR	40,3400	41,1400	39,9800	18730279,1400	2682	40,7000	459715				
Share	JE00B3DCF752	ATRIUM EUR REALEST	EUR	3,7250	3,7250	3,7000	28555,0800	9	3,7000	7677				
Share	NL0012047823	AVANTUM	EUR	4,1000	4,1500	3,9600	100456,4600	91	4,0000	24914				
Share	LU1789205884	B&S Group	EUR	17,1000	17,3000	17,0000	249468,5500	183	17,1320	14570				
Share	NL0000337319	BAM GROEP KON	EUR	3,1120	3,1370	3,0810	3549729,4300	947	3,1000	1142867				
Share	NL0011872650	BASIC-FIT	EUR	27,2500	27,4500	26,9000	672877,2000	290	26,9000	24814				
Share	NL0006292906	BATENBURG TECHNIEK	EUR	42,8000	42,8000	42,4000	4282,8000	2	42,4000	101				
Share	NL0012866412	BE Semiconductor	EUR	18,7500	18,8400	18,2200	10904860,8800	2296	18,2300	589592				
Share	NL0000339703	BETER BED	EUR	3,5100	3,6400	3,4700	1164141,1600	350	3,5900	326639				
Share	NL0000285278	BEVER HOLDING	EUR											
Share	NL0000335578	BINCKBANK	EUR	4,7000	4,8500	4,6850	662758,5600	392	4,7500	139051				
Share	NL0000852580	BOSKALIS WESTMIN	EUR	24,4300	24,8300	24,2700	12337366,3500	2959	24,6900	501089				
Share	GG00B1XFMJ13	BOUSSARD GAVAUD C	EUR											
Share	GG00B1FQG453	BOUSSARD GAVAUDAN	EUR	18,2000	18,6000	18,2000	47912,2000	21	18,2000	2628				
Share	GG00B39VMM07	BOUSSARD GHL GBP	GBP											
Share	NL0000442523	BRILL KON	EUR	23,8000	23,8000	23,8000	23,8000	1	23,8000	1				
Share	CA1125851040	BROOKFIELD ASSET M	EUR											
Share	NL0010776944	BRUNEL INTERNAT	EUR	11,9600	12,1700	11,9600	739671,9400	305	12,0200	61553				
Share	GB00BDCPN049	COCA-COLA EUROPEAN	EUR	38,1600	39,4000	38,1600	1848022,9200	297	39,0800	47116				
Share	NL0010583399	CORBION	EUR	27,6800	28,0800	27,6000	1421298,6200	539	27,6800	51168				
Share	NL0000200384	CORE LABORATORIES	EUR											
Share	NL0000345577	CTAC	EUR	3,2100	3,2100	3,2100	5710,5900	7	3,2100	1779				
Share	NL0011509294	CURETIS	EUR	2,9500	3,0000	2,9000	85213,7600	98	2,9600	29068				
Share	NL0009169515	DGB GROUP N.V.	EUR	0,8900	0,8900	0,8580	5392,3500	6	0,8600	6265				
Share	NL0009197771	DPA GROUP	EUR	1,5850	1,6100	1,5850	8001,6000	5	1,5850	5001				
Share	NL0000009827	DSM KON	EUR	80,5400	80,6600	79,6200	74580828,7400	10676	79,6200	931860				
Share	NL0012747059	DUTCH STAR C SHAR	EUR											
Share	NL0000345627	EASE2PAY NV	EUR	1,6500	1,6500	1,6500	577,5000	1	1,6500	350				
Share	NL0009901610	ENVIPCO	EUR	11,7000	11,7000	11,4000	10351,7000	3	11,4000	901				
Share	NL0009272137	ESPERITE	EUR	0,2060	0,2060	0,1982	37183,1500	35	0,2000	185111				
Share	GB00B94QM994	EUROCASTLE INVEST.	EUR	6,3000	6,3000	6,0400	105988,4200	71	6,0400	17184				
Share	NL0000288876	EUROCOMMERCIAL	EUR	31,1000	31,6400	30,9200	1906128,7200	453	31,4200	60622				
Share	NL0011279492	FLOW TRADERS	EUR	25,8400	27,9600	25,5600	15430616,5800	3053	27,7600	568509				
Share	NL0011832811	FORFARMERS	EUR	9,8700	10,0200	9,8300	747290,4000	346	9,8500	75464				
Share	NL0000352565	FUGRO	EUR	10,7600	10,9800	10,7200	5667345,5800	1204	10,7800	524708				
Share	BE0003818359	GALAPAGOS	EUR	90,6800	92,1600	89,8000	52675157,8000	7785	91,6000	578171				
Share	NL0000400653	GEMALTO	EUR	50,2800	50,5600	50,2200	17524901,7400	1841	50,3800	348209				
Share	NL0010937066	GRANDVISION	EUR	20,9200	20,9600	20,4800	1049257,9400	354	20,6200	50826				
Share	BMG455841020	HAL TRUST	EUR	147,0000	147,0000	144,6000	431581,0000	107	145,0000	2957				
Share	CWN814651014	HeadFirst Source G	EUR	3,0800	3,0800	3,0800	3,0800	1	3,0800	1				
Share	NL0009269109	HEIJMANS	EUR	9,6100	9,6100	9,1800	2197897,8600	666	9,1800	234901				
Share	NL0000009165	HEINEKEN	EUR	77,1400	78,5800	77,0000	63466648,4600	5322	78,5000	812243				
Share	NL0000008977	HEINEKEN HOLDING	EUR	74,9500	76,3000	74,9000	7396681,7500	1084	76,2000	97491				
Share	NL0000440311	HOLLAND COLOURS	EUR	81,8000	82,6000	80,8000	904,0000	4	80,8000	11				
Share	ANN4327C1220	HUNTER DOUGLAS	EUR	62,4000	62,6000	61,6000	44961,0000	39	61,8000	725				
Share	ANN4327C1303	HUNTER DOUGLAS	EUR											
Share	NL0009391242	HYDRATEC	EUR	71,0000	71,0000	71,0000	213,0000	3	71,0000	3				
Share	NL0000359537	ICT GROUP	EUR	11,6000	11,7500	11,6000	32170,6500	30	11,6500	2767				
Share	NL0010556726	IEX GROUP NV	EUR											
Share	NL0010801007	IMCD	EUR	60,2500	61,9000	60,2500	3285901,7000	598	61,1000	53628				
Share	NL0011821202	ING GROEP N.V.	EUR	10,8200	10,9800	10,5960	230411854,3400	23343	10,6020	21526323				
Share	NL0010937058	INTERTRUST	EUR	14,6100	14,6800	14,2900	1426126,1300	496	14,4300	98698				
Share	NL0000113652	KARDAN	EUR	0,0979	0,0980	0,0955	10344,1300	10	0,0979	106131				
Share	NL0000362648	KAS BANK	EUR	7,1800	7,2300	7,1500	62760,1500	28	7,2000	8756				
Share	NL0000852531	KENDRION	EUR	26,8500	27,0000	26,4000	447431,7000	90	26,5000	16891				
Share	NL0011323407	KIADIS	EUR	11,0000	11,1400	10,6200	1763866,3000	583	10,6600	163063				
Share	NL0000009082	KPN KON	EUR	2,3880	2,4390	2,3650	47374361,0300	5859	2,3840	19829308				
Share	NL0010545679	LAVIDE HOLDING	EUR	0,4400	0,4400	0,4020	870,7900	7	0,4020	2066				
Share	NL0010998878	LUCASBOLS	EUR	15,4000	15,6500	15,4000	35081,1500	19	15,4000	2264				
Share	NL0009312842	MKB NedSense	EUR	0,1900	0,1940	0,1900	328,8800	2	0,1940	1730				
Share	GG00B12BD492	NB PRIV EQ PARTN	USD											
Share	NL0000371243	NEDAP	EUR	46,5000	47,4000	45,0000	787633,5000	91	45,8000	17340				
Share	JM00BDD7WV31	NEPI ROCKCASTLE	EUR	7,8000	7,8000	7,8000	858,0000	1	7,8000	110				
Share	NL0009822014	NEW SOURCES ENERGY	EUR											
Share	NL0000440618	NEWAYS ELECTRONICS	EUR	12,1000	12,1000	11,9500	2373,7500	4	11,9500	198				
Share	NL0012756316	NIBC HOLDING	EUR	8,1030	8,1900	8,0300	239924,6000	163	8,1020	29623				
Share	NL0010773842	NN GROUP	EUR	38,9900	39,3700	38,7300	42220843,2000	4952	38,7900	1082624				
Share	NL0010696704	NOVISOURCE	EUR	1,0100	1,0100	1,0100	1,0100	1	1,0100	1				
Share	NL0012365084	NSI N.V.	EUR	34,7000	35,2000	34,6500	1060731,8500	232	34,9000	30344				



Instrument Type	Exchange Instrument ID	Instrument 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	NL001058797	OCI	EUR	27,4500	27,5800	26,8100	5615541,800	1558	26,9700	206648				
Share	NL0000370419	ORANJEWOUDE A	EUR	5,8000	5,8000	5,8000	69,6000	1	5,8000	12				
Share	NL0000440584	ORDINA	EUR	1,6500	1,6820	1,6500	311020,2900	128	1,6500	186779				
Share	GG008BPFJTF46	PERSHING	USD	14,6600	14,6600	14,3800	355316,4000	51	14,5000	28118				
Share	NL0010391025	PHARMING GROUP	EUR	1,0000	1,0100	0,9515	13031943,9500	2835	0,9515	13440929				
Share	NL0000009538	PHILIPS KON	EUR	36,0000	36,1350	35,4900	118129088,0500	13900	35,5500	3304911				
Share	NL0000378669	PORCELYNE FLES	EUR	8,9500	8,9500	8,9500	1790,0000	1	8,9500	200				
Share	NL0009739416	POSTNL	EUR	2,5600	2,6010	2,5490	9001350,0800	2014	2,5490	3493152				
Share	BMG7209L1000	PPLA CLASS A	EUR											
Share	BMG7209L1182	PPLA CLASS B	EUR											
Share	US69355L1098	PPLA European Unit	EUR											
Share	DE0007921835	PROBIODRUG	EUR	3,0100	3,0100	2,8600	88782,3300	156	2,9300	30210				
Share	NL0000379121	RANDSTAD NV	EUR	44,1500	44,8600	44,0600	29776046,7700	5226	44,4000	669464				
Share	LU0383812293	REINET INVESTMENTS	EUR	14,3000	14,3000	14,3000	3546,4000	1	14,3000	248				
Share	GB008280DG97	RELX	EUR	17,2200	17,4100	17,1300	30350901,7400	4180	17,1300	1758268				
Share	NL0000440477	ROODMICROTEC	EUR	0,2800	0,2800	0,2770	12229,0100	20	0,2800	43926				
Share	GB00803MLX29	ROYAL DUTCH SHELLA	EUR	28,2900	28,6450	28,2250	181696259,7800	13175	28,2850	6402368				
Share	GB00803MM408	ROYAL DUTCH SHELLB	EUR	29,9000	30,1350	29,2900	212790,4000	18	29,2900	7205				
Share	NL0000360618	SBM OFFSHORE	EUR	15,4750	15,7200	15,4600	7619666,3300	1619	15,4850	490560				
Share	NL0011660485	SIF HOLDING	EUR	15,5800	15,5800	15,3800	52232,7200	56	15,3800	3379				
Share	NL0011821392	SIGNIFY NV	EUR	21,8700	22,1000	21,6600	11275673,8700	2262	21,7100	516488				
Share	NL0000817179	SLIGRO FOOD GROUP	EUR	36,6500	37,7500	36,6500	6285165,5000	1229	37,0000	169273				
Share	NL0010627865	SNOWWORLD	EUR	9,0400	9,0400	9,0400	560,4800	1	9,0400	62				
Share	NL0000336303	STERN GROEP	EUR	15,6000	15,7000	15,6000	108068,9500	24	15,6000	6908				
Share	NL0012015705	TAKEAWAY	EUR	56,9000	57,3000	55,7000	2752734,5000	861	56,3000	48778				
Share	GG0081RMC548	TETRAGON FIN GRP	USD	12,4500	12,5000	12,4000	182451,8700	29	12,4000	16823				
Share	VGG885761061	THUNDERBIRD	USD	0,1800	0,1800	0,1800	642,0900	2	0,1800	4104				
Share	NL0010389508	TIE KINETIX	EUR											
Share	NL0000852523	TKH GROUP	EUR	46,2000	46,6400	45,7200	3120551,6200	702	45,8200	67636				
Share	NL0000387058	TOMTOM	EUR	6,6700	6,8400	6,5480	16080965,1800	3875	6,7100	2402655				
Share	FR0013326246	UNIBAIL-RODAMCO-WE	EUR	161,4000	163,3600	160,4800	56440355,0000	5884	160,4800	349414				
Share	NL0000009355	UNILEVER DR	EUR	45,6600	46,5000	45,1150	253110205,2600	22294	46,0500	5505389				
Share	NL0000388619	UNILEVER OS	EUR	45,9000	46,3000	45,6000	121646,4000	16	45,9000	2642				
Share	NL0000302636	V LANSCHOT KEMPEN	EUR	22,7500	23,2500	22,7500	190600,4000	86	23,2000	8250				
Share	NL0010661864	VALUE8	EUR	5,6000	5,6200	5,5400	21828,8400	12	5,6200	3909				
Share	NL00009875483	VALUE8 CUM PREF	EUR											
Share	NL0000288918	VASTNED	EUR	32,5000	33,3000	32,5000	1480604,8500	408	33,2000	44900				
Share	BMG9349W1038	VEON	EUR	2,5600	2,6400	2,5400	218748,6000	24	2,6400	85356				
Share	NL0012294466	VOLKERWESSELS	EUR	16,3400	16,5900	16,1100	975647,6300	535	16,2200	60038				
Share	GG0081GHHH78	VOLTA FINANCE	EUR	6,9400	6,9400	6,9400	3289,5600	1	6,9400	474				
Share	NL0009432491	VOPAK	EUR	41,3100	41,6900	40,9300	17366433,5700	3534	41,2200	420724				
Share	NL0000289213	WERELDHAVE	EUR	31,3200	31,7700	30,6000	20930064,9100	3622	30,9300	672777				
Share	NL0000395317	WESSANEN	EUR	9,0050	9,0500	8,6950	4789848,1000	1620	8,7200	544202				
Share	NL0000395903	WOLTERS KLUWER	EUR	51,3400	51,8000	51,0800	41371743,0800	4660	51,0800	805051				
Share	JE00B1FBT077	YATRA	EUR											
Tracker	LU1437018838	AMUNDI EPRA DR U	USD	60,2710	60,4880	60,2710			60,4880					
Tracker	LU1681049018	AMUNDI ETF SP500	EUR	43,5233	43,5233	43,1047	62213,9500	2	43,1047	1434				
Tracker	LU1437024729	AMUNDI GAGU 500 DR	USD	53,6790	53,7740	53,6790			53,7740					
Tracker	LU1589350310	AMUNDI GLBAL INFRA	USD	58,6390	58,6390	58,5650			58,5650					
Tracker	LU1437016204	AMUNDI JPMGBI DR U	USD	53,9820	54,0880	53,9820			54,0880					
Tracker	LU1437017350	AMUNDI MSCI EM DR	USD	56,2000	56,2000	55,7560			55,7560					
Tracker	LU1437015735	AMUNDI MSCI EUR DR	USD	65,0652	65,0652	64,8210			64,8210					
Tracker	LU1681042609	AMUNDI MSCI EUROPE	USD	239,6498	239,6498	238,7326			238,7326					
Tracker	LU1437016972	AMUNDI MSCWD DR U	USD	68,8740	68,8740	68,4440			68,4440					
Tracker	LU1437016543	AMUNDI NOR AM DR U	USD	71,9630	71,9630	71,4340			71,4340					
Tracker	LU1437017863	AMUNDI SP500 DR U	USD	72,5510	72,5510	71,9840			71,9840					
Tracker	LU1861132840	AMUNDI STOXX GL AI	USD	54,3730	54,3730	54,0170			54,0170					
Tracker	LU1589349734	AMUNDI US MIN VO	USD	58,2820	58,2820	58,1660			58,1660					
Tracker	LU1291109616	BNPP GSCI ETF EUR	EUR	9,4912	9,4912	9,4610			9,4610					
Tracker	DE000A0H0728	DIVERS COMMODITY	USD	21,8250	21,8250	21,7000	22843,1000	4	21,7360	1208				
Tracker	JE00B3WDZY68	ETFS 3 L JPY S EUR	EUR	20,9100	21,0000	20,9100			21,0000					
Tracker	JE00B3QQ4551	ETFS 3 L USD S EUR	EUR	73,1100	73,1100	72,8300			72,8300					
Tracker	JE00B44CBN95	ETFS 3 S JPY L EUR	EUR	36,9150	36,9150	36,7300			36,7300					
Tracker	JE00B3T3K772	ETFS 3 S USD L EUR	EUR	14,7240	14,8110	14,7240			14,8110					
Tracker	JE00B2NFTL95	ETFS DAILY LG2 GLD	EUR	30,2120	30,4770	30,2120			30,4770					
Tracker	JE00B2NFTS64	ETFS DAILY LG2 SLV	EUR	3,8690	3,9130	3,8690			3,9130					
Tracker	JE00B24DKC09	ETFS DAILY SH1 GLD	EUR	22,1560	22,1560	21,9990			21,9990					
Tracker	JE00B24DK82	ETFS DAILY SH1 SLV	EUR	16,4690	16,4690	16,3290			16,3290					
Tracker	JE00B3MWC642	ETFS LG JPY SH EUR	EUR	42,2050	42,2650	42,1200	21197,4000	3	42,2650	502				
Tracker	JE00B588CD74	ETFS PHYS SW GLD	EUR	102,9100	103,2400	102,9100			103,2400					
Tracker	JE00B1VS3333	ETFS PHYSIC SILVER	EUR	11,9320	12,0100	11,9000	27290,4600	24	11,9830	2283				
Tracker	JE00B1VS3770	ETFS PHYSICALGOLD	EUR	101,6300	102,1000	101,5200	621489,6200	18	101,9600	6118				



Instrument Type	Exchange Instrument ID	Instrument 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	IE00B1VS3002	ETFS PHYSPALLADIUM	EUR	88,0100	88,5300	87,9700	792,3800	2	88,5300	9				
Tracker	IE00B1VS3W29	ETFS PHYSPM BASKET	EUR	79,4600	79,6900	79,4600			79,6900					
Tracker	IE00B3KNMS14	ETFS SH JPY LG EUR	EUR	43,4150	43,4150	43,3550			43,3550					
Tracker	IE00B1VS2W53	ETFS PHYSPPLATINUM	EUR	68,3900	68,3900	68,2000	1364,0000	1	68,2000	20				
Tracker	IE00B8XB7377	FINEX GOLD	EUR	7,4700	7,4700	7,4700			7,4700					
Tracker	IE00B8X9NY41	FIRST EUROALPHADEX	EUR	30,1100	30,3900	30,0400	87502,7100	8	30,0400	2889				
Tracker	IE00B6G0SC32	FT DJ Internet	EUR	15,8900	15,8900	15,5800			15,5800					
Tracker	IE00BD5HBS12	FT FACTOR FX EUR	EUR	18,6580	18,6580	18,6580			18,6580					
Tracker	IE00B579F325	Invesco Gold ETC	EUR	103,4600	103,7900	103,4600			103,7900					
Tracker	IE00BCRY6557	IS EURO ULTRASHORT	EUR	100,2200	100,2200	100,1100	10022,0000	2	100,1100	100				
Tracker	IE00BCRY5Y77	IS US SHORT CB	EUR	86,2200	86,2200	85,8600	40488,2200	8	86,0800	471				
Tracker	IE00BCLWRB83	IS USD HEDGED CB	EUR	84,9600	84,9600	84,7000	12705,0000	1	84,7000	150				
Tracker	IE00BCRY6003	IS USD SHORT HY CB	EUR	81,3500	81,3500	81,0600	89166,0000	1	81,1100	1100				
Tracker	IE00BCRY6227	IS USD ULTRASHORT	EUR	87,6700	87,6700	87,5100	8758,0000	1	87,5100	100				
Tracker	IE00B7LGZ558	ISH FR TREAS BD	EUR	148,6100	148,8200	148,4000	168720,1000	20	148,8200	1136				
Tracker	IE00B6X2VY59	ISH NLD BD HEDGED	EUR	95,8500	95,8500	95,7500	1603436,2000	55	95,7500	16740				
Tracker	IE00B0M62Y33	ISHARES AEX	EUR	52,6000	52,7900	52,2700	1478411,8000	96	52,2700	28136				
Tracker	IE00B14X4T88	ISHARES ASIA PACIF	EUR	22,6800	22,7900	22,6050	34765,5000	15	22,6050	1529				
Tracker	IE00B3DXKQ41	ISHARES B E AGG	EUR	119,0000	119,0700	118,9400	69837,1800	12	119,0200	587				
Tracker	IE00B3F8R135	ISHARES B E CORP	EUR	128,5100	128,8000	128,4200	869870,7000	34	128,8000	6767				
Tracker	IE00B3FH7618	ISHARES B E TR 0-1	EUR	98,9300	98,9300	98,9100	7418,2500	3	98,9100	75				
Tracker	IE00B0M63516	ISHARES BRAZIL	EUR	27,4990	27,5450	27,1380	49317,6800	10	27,1380	1795				
Tracker	IE00B1W57M07	ISHARES BRIC 50	EUR	24,9900	25,0450	24,7200	49812,8000	3	24,7200	2000				
Tracker	IE00B02KXK85	ISHARES CHINA 25	EUR	96,1700	96,6000	95,6700	58139,6800	22	95,6700	604				
Tracker	IE00B52V196	ISHARES DJ EUR SUS	EUR	40,0850	40,1700	39,8150	158916,0200	4	39,8150	3960				
Tracker	IE00B57X3V84	ISHARES DJ GLO SUS	EUR	34,1260	34,2390	33,8610	1879,3700	2	33,8610	55				
Tracker	IE0032523478	ISHARES E CORP BD	EUR	133,7600	133,9900	133,6700	268907,5500	14	133,9900	2011				
Tracker	IE00B3B8Q275	ISHARES E COV BOND	EUR	153,5300	153,6600	153,5300			153,6600					
Tracker	IE00B14X4Q57	ISHARES E GOV1-3	EUR	142,9700	142,9900	142,8600	67490,3800	5	142,8600	472				
Tracker	IE00B1FZ5913	ISHARES E GOV15-30	EUR	222,1600	222,1600	222,0200			222,0200					
Tracker	IE00B1FZ5681	ISHARES E GOV3-5	EUR	167,7100	167,7100	167,6000	116211,7200	4	167,6000	693				
Tracker	IE00B1FZ5806	ISHARES E GOV7-10	EUR	206,3200	206,3200	205,7600	131347,9300	4	205,9500	637				
Tracker	IE00B0M62X26	ISHARES E INF-LINK	EUR	205,2300	205,2300	204,9600	156828,1400	8	205,1100	765				
Tracker	IE00B0M63730	ISHARES EAST EX-JP	EUR	42,7300	42,8000	42,3400	598163,9800	21	42,3400	14005				
Tracker	IE00B0M63953	ISHARES EASTE10/40	EUR	20,2950	20,2950	20,0250	28754,3700	8	20,0250	1421				
Tracker	IE00B4WXJH41	ISHARES EG 10-15	EUR	167,0400	167,0400	166,6400			166,6400					
Tracker	IE00B4WXJG34	ISHARES EG 5-7	EUR	152,0400	152,1000	151,8900	152,1000	1	151,8900	1				
Tracker	IE00B0M63177	ISHARES EM MARKETS	EUR	32,6900	32,7300	32,3350	2030632,7400	42	32,3350	62262				
Tracker	IE00BKM4GZ66	ISHARES EMIM	EUR	22,4810	22,4980	22,1920	1726733,7800	72	22,1920	77002				
Tracker	IE00B0M62572	ISHARES ESTOXX DIV	EUR	20,7200	20,8550	20,6000	273997,1400	27	20,6000	13257				
Tracker	IE00B0M62V02	ISHARES ESTOXX GRO	EUR	34,6100	34,6400	34,2000	8632,4600	4	34,2000	250				
Tracker	IE00B02KX192	ISHARES ESTOXX MID	EUR	57,1100	57,4000	56,8300	91950,5600	3	56,8300	1604				
Tracker	IE00B02KX000	ISHARES ESTOXX SML	EUR	32,5130	32,6870	32,3920	177018,4800	10	32,3920	5438				
Tracker	IE00B0M62T89	ISHARES ESTOXX VAL	EUR	21,0600	21,0600	20,9300			20,9300					
Tracker	IE0008471009	ISHARES EURO STXS0	EUR	32,9050	33,0450	32,6200	1425090,5400	36	32,6350	43571				
Tracker	IE00B14X4N27	ISHARES EUROP EXUK	EUR	29,9200	30,0250	29,7200	428037,6900	9	29,7200	14320				
Tracker	IE00B1Y2SC51	ISHARES EUROPE	EUR	22,7600	22,8700	22,6250	1813092,7300	34	22,6250	79732				
Tracker	IE0005042456	ISHARES FTSE 100	EUR	7,9440	7,9610	7,9040	11437,6700	3	7,9040	1437				
Tracker	IE00B4WXJ64	ISHARES IEGA	EUR	120,0200	120,0900	119,8400	5706469,9100	13	119,9000	47550				
Tracker	IE00B1FZ5467	ISHARES INFRA GLO	EUR	22,6550	22,6650	22,6300	7706,1000	1	22,6300	340				
Tracker	IE00B02KXH56	ISHARES JAPAN	EUR	12,4920	12,5320	12,4300	453918,1500	25	12,4300	36288				
Tracker	IE00BF553838	ISHARES JPMESG	EUR	4,3152	4,3152	4,2970			4,2970					
Tracker	IE00B0M63391	ISHARES KOREA	EUR	36,0030	36,0030	35,7780	38677,5100	5	35,7780	1076				
Tracker	IE00B27YCK28	ISHARES LATIN AM	EUR	15,6340	15,7180	15,4490	239679,2500	10	15,4490	15280				
Tracker	IE00BG0J9Y53	ISHARES MSCI CEMP	GBP	4,7155	4,7155	4,6785			4,6785					
Tracker	IE00B4LSYC18	ISHARES MSCI EM A	EUR	26,7050	26,8000	26,4250	97873,9500	15	26,4250	3670				
Tracker	IE00B4K48X80	ISHARES MSCI EUR A	EUR	47,6700	47,9350	47,4450	5484784,4700	82	47,4450	114807				
Tracker	IE00B4LSYX21	ISHARES MSCI JAP A	EUR	36,1200	36,2350	35,9550	555391,2300	23	35,9550	15366				
Tracker	IE00B4LSY983	ISHARES MSCI WOR A	EUR	47,5000	47,5300	47,0950	2167992,1300	225	47,0950	45715				
Tracker	IE00B14X4M10	ISHARES N-AMERICA	EUR	45,5650	45,6950	45,2100	629009,3300	17	45,2100	13810				
Tracker	IE00B1TXHL60	ISHARES PRIVATE EQ	EUR	17,4000	17,4800	17,2900	12133,2300	9	17,2900	696				
Tracker	IE00B1FZ5244	ISHARES PROP ASIA	EUR	22,3430	22,3430	22,2200			22,2200					
Tracker	IE00B0M63284	ISHARES PROP EURO	EUR	40,0300	40,4450	40,0300	885681,1500	72	40,0650	22005				
Tracker	IE00B1FZ5350	ISHARES PROP GLO	EUR	21,5090	21,5970	21,4930	768154,4700	18	21,5060	35699				
Tracker	IE00B1FZ5F77	ISHARES PROP US	EUR	23,6950	23,7000	23,6300	472,6000	1	23,7000	20				
Tracker	IE0031442068	ISHARES S&P 500	EUR	24,2900	24,3160	24,0610	6687309,4500	148	24,0610	276348				
Tracker	IE00BD8KRH84	ISHARES SP500 B D	GBP											
Tracker	IE0008470928	ISHARES STOXX 50	EUR	29,9750	30,1000	29,7850	839,7500	3	29,7850	28				
Tracker	IE00B0M63623	ISHARES TAIWAN	EUR	35,5880	35,5880	35,3790			35,3790					
Tracker	IE00B1FZ5574	ISHARES TURKEY	EUR	14,1500	14,2700	13,7400	105194,2100	42	13,7400	7436				
Tracker	IE00B14X4S71	ISHARES US T 1-3	EUR	112,7800	112,7800	112,4500	15750,0000	2	112,6200	140				
Tracker	IE00B1FZ5798	ISHARES US T 7-10	EUR	161,4000	161,5800	160,9200	97767,3500	6	161,4900	607				



Instrument Type	Exchange Instrument ID	Instrument 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	IE00B1FZSC47	ISHARES US TIPS	EUR	174,9400	174,9400	174,7100	10316,0600	2	174,7100	59				
Tracker	IE0032895942	ISHARES USD CRP BD	EUR	94,3500	94,3600	94,1100	23667,7000	5	94,2900	251				
Tracker	IE00B0M62Q58	ISHARES WORLD	EUR	38,5950	38,6300	38,2900	413956,2300	25	38,2900	10740				
Tracker	IE00B3VWN393	ISHR \$ Gov 3-7A	EUR	105,8100	105,8100	105,7500			105,7500					
Tracker	IE00B525F786	ISHR Canada	EUR	107,1000	107,4100	106,5400	62388,5300	10	106,5400	583				
Tracker	IE00B3VTML14	ISHR E Gov 3-7A	EUR	130,5800	130,5800	130,4700			130,4700					
Tracker	IE00B53L3W79	ISHR ESTX50 B A	EUR	101,0600	101,4800	100,1400	1133139,6600	27	100,2400	11233				
Tracker	IE00B53QDK08	ISHR Japan A	EUR	129,4600	129,4600	128,8750	226579,4000	1	128,8750	1751				
Tracker	IE00B5WHFQ43	ISHR Mexico Cap	EUR	100,6900	100,6900	98,0500			98,0500					
Tracker	IE00B53QG562	ISHR MSCI EMUSC	EUR	107,8800	108,0100	107,0300	909127,1900	9	107,0300	8437				
Tracker	IE00B525FT06	ISHR MSCI USA	EUR	230,9750	230,9750	228,7550	758025,0300	4	228,7550	3294				
Tracker	IE00B535ZB19	ISHR NASDAQ 100	EUR	351,8500	352,4500	346,1500	1537455,0500	24	346,1500	4389				
Tracker	IE00B52MJY50	ISHR Pac xlpn A	EUR	117,0400	117,3400	116,2200	721527,9200	13	116,2200	6169				
Tracker	IE00B5V87390	ISHR Russia ADR	EUR	92,0700	92,0700	91,0100	43361,1400	5	91,0100	475				
Tracker	IE00B5BMR087	ISHR S&P500 B A	EUR	237,5650	237,8420	235,3150	9135192,2700	122	235,3150	38573				
Tracker	IE00BQ70R696	IVZ NASDAQ BIOTECH	EUR	31,8450	31,8650	31,4050	9144,8000	2	31,4050	287				
Tracker	IE00B3YCGJ38	IVZ S&P 500	EUR	435,4500	435,4500	431,3100	86996,0000	1	431,3100	200				
Tracker	IE00BMW3QX54	L&G Robotics	EUR	12,9680	12,9680	12,7040	51205,5200	10	12,7040	3988				
Tracker	IE00BF0M2Z96	L&G Battery Value	EUR	7,1500	7,1500	7,1500			7,1500					
Tracker	IE00BF0H7608	L&G Battery Value	EUR	8,8400	8,8400	8,8400			8,8400					
Tracker	IE00BYPL5672	L&G Cyber Security	EUR	12,2360	12,2800	12,0760	16897,3700	5	12,0760	1377				
Tracker	IE00BHBDF83	L&G E Fund China A	EUR	9,9630	9,9630	9,8420	7467,2300	6	9,8420	754				
Tracker	IE00BF0M6N54	L&G Ecommerce	EUR	7,6000	7,6000	7,5000	2006,4000	1	7,5000	264				
Tracker	IE00B3CNHG25	L&G Gold Mining	EUR	17,0300	17,3180	17,0000	8338,4800	6	17,3180	490				
Tracker	IE00B4WPHX27	L&G Lg Dat Commod	EUR	12,6700	12,6800	12,6640	6707,7200	1	12,6640	529				
Tracker	IE00B3CNHJ55	L&G Russell 2000	EUR	57,3300	57,4100	56,5900	975,9700	1	56,5900	17				
Tracker	LU0854423687	LYXOR ACWI GOLD	USD	54,3000	55,5000	54,3000			55,5000					
Tracker	LU0832435464	LYXOR ETF VIX EUR	EUR	4,2090	4,3610	4,2090	1843,6600	4	4,3610	432				
Tracker	LU1646359452	LYXOR JPY 400	JPY	18829,8400	18920,0000	18729,9100	59201,2500	1	18729,9100	405				
Tracker	LU1812903158	MA CoCo AT1 ETF	EUR	100110,0000	100110,0000	100110,0000			100110,0000					
Tracker	IE00B42Z5J44	MSCI JAP EH	EUR	49,2350	49,4650	48,9000	569150,5400	20	48,9000	11565				
Tracker	IE00B441G979	MSCI WRD EH	EUR	50,7900	51,0000	50,4400	209342,3400	10	50,4400	4144				
Tracker	LU0832436512	MULTI GL QUAL INC	USD	133,8400	133,8400	133,5800			133,5800					
Tracker	IE00B3ZWOK18	SP 500 EH	EUR	62,8310	62,8680	62,3110	2068041,0100	14	62,3110	32966				
Tracker	IE00BYTRRG40	SPDR MSCI W TELE	EUR	26,0550	26,0550	25,9600			25,9600					
Tracker	US78467X1090	SPDR DJIA TRUST	EUR	223,1500	223,1500	221,0000			221,0000					
Tracker	IE00BYTRRG40	SPDR MSCI W C DIS	EUR	34,8450	34,8450	34,4550			34,4550					
Tracker	IE00BYTRR756	SPDR MSCI W C STAP	EUR	27,8700	27,9000	27,8700			27,9000					
Tracker	IE00BYTRR863	SPDR MSCI W ENERGY	EUR	31,1800	31,2400	31,1050	7872,4800	1	31,1050	252				
Tracker	IE00BYTRR970	SPDR MSCI W FINCLS	EUR	34,3150	34,4500	34,0000	3474776,4900	204	34,0000	101397				
Tracker	IE00BYTRR894	SPDR MSCI W HEALTH	EUR	33,3250	33,4000	33,0700	373431,2500	13	33,0700	11215				
Tracker	IE00BYTRRC02	SPDR MSCI W INDUST	EUR	33,4700	33,4700	33,1700			33,1700					
Tracker	IE00BYTRRF33	SPDR MSCI W MTRL	EUR	32,7550	32,7550	32,6450			32,6450					
Tracker	IE00BYTRRD19	SPDR MSCI W TECH	EUR	46,3950	46,3950	45,4900	145976,2800	18	45,4900	3154				
Tracker	IE00BYTRRH56	SPDR MSCI W UTIL	EUR	29,6500	29,6500	29,6050			29,6050					
Tracker	IE00BFWFPX50	SPDR US COMMS	EUR	16,9400	16,9400	16,6600			16,6600					
Tracker	IE00BWBXM278	SPDR US CONS DIS	EUR	25,6700	25,6700	25,3700			25,3700					
Tracker	IE00BWBXM385	SPDR US CONS STAP	EUR	20,8000	20,8500	20,8000			20,8500					
Tracker	IE00BWBXM492	SPDR US ENERGY	EUR	18,5200	18,5500	18,5000	130813,5000	1	18,5500	7071				
Tracker	IE00BWBXM500	SPDR US FINAN	EUR	24,6300	24,6300	24,4400			24,4400					
Tracker	IE00BWBXM617	SPDR US HEALTH	EUR	22,6200	22,6200	22,3700			22,3700					
Tracker	IE00BWBXM724	SPDR US INDUST	EUR	25,4000	25,4000	25,1000			25,1000					
Tracker	IE00BWBXMB69	SPDR US ITILT	EUR	24,1900	24,2300	24,1900			24,2300					
Tracker	IE00BWBXM831	SPDR US MATERIAL	EUR	20,5800	20,5800	20,5700			20,5700					
Tracker	IE00BWBXM948	SPDR US TECH	EUR	31,1900	31,1900	30,6900			30,6900					
Tracker	NL0010273801	TC IAAT	EUR	22,2260	22,2320	22,2050	260341,2700	11	22,2320	11719				
Tracker	NL0009272749	THINK AEX	EUR	52,8100	52,9700	52,4600	1261779,6800	60	52,4600	23859				
Tracker	NL0009272756	THINK AMX	EUR	74,1000	75,1700	74,1000	99622,9900	8	74,4900	1328				
Tracker	NL0010731816	THINK EUROP EQ ETF	EUR	52,4600	52,5900	52,0900	106846,5300	12	52,0900	2038				
Tracker	NL0009690221	THINK GLOBAL EQ	EUR	40,0000	40,1500	39,7410	526555,7400	42	39,7410	13141				
Tracker	NL0009690239	THINK GLOBAL RE	EUR	35,9460	36,2780	35,9220	158350,0900	19	36,0330	4385				
Tracker	NL0011683594	THINK HIGH DIV	EUR	27,4600	27,5000	27,3300	51180,0200	12	27,3500	1870				
Tracker	NL0009690247	THINK IBOXX CORP.	EUR	17,8200	17,8510	17,7910	168370,3400	11	17,8510	9452				
Tracker	NL0009690254	THINK IBOXX GOV.	EUR	13,4640	13,4760	13,4540	147655,1800	5	13,4640	10959				
Tracker	NL0009272764	THINK MIX DF	EUR	54,8900	54,8900	54,8400	219,5600	1	54,8400	4				
Tracker	NL0009272772	THINK MIX NL	EUR	58,7300	58,7300	58,5100	18349,9400	7	58,5100	313				
Tracker	NL0009272780	THINK MIX OF	EUR	61,2000	61,2000	60,7200	855,2000	2	60,7200	14				
Tracker	NL0011376074	THINK NRTH AMERICA	EUR	30,6850	30,7400	30,4050	15323,7300	3	30,4050	500				
Tracker	NL0010408704	THINK SUSTAINABLE	EUR	81,6600	81,7000	80,9400	288099,7100	12	80,9400	3528				
Tracker	LU0629460089	UBS ETF ASRUSA	EUR	96,6200	96,8900	95,7200	64298,6500	6	95,7200	667				
Tracker	IE00BDR55927	UBS ETF AWSR	EUR	9,1900	9,1900	9,1190			9,1190					
Tracker	LU1130155606	UBS ETF CAHEUA	EUR	16,2500	16,2500	16,1650			16,1650					



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
Tracker	LU0446734872	UBS ETF CANCDA	EUR	26,5030	26,5270	26,3670	180371,2800	6	26,3670	6800				
Tracker	LU1048314196	UBS ETF CBEU5	EUR	13,5500	13,5550	13,5500			13,5550					
Tracker	LU1484799769	UBS ETF CBSE	EUR	13,7500	13,7770	13,7500			13,7770					
Tracker	LU1215461085	UBS ETF CBSUS	EUR	13,6810	13,6810	13,6800			13,6800					
Tracker	LU1215461325	UBS ETF CBUSE	EUR	14,5390	14,5400	14,4760	41111,8400	1	14,5400	2840				
Tracker	LU1048316647	UBS ETF CBUS	EUR											
Tracker	LU1048314949	UBS ETF CBUS5	EUR											
Tracker	LU1048315243	UBS ETF CBUSSE	EUR	14,1090	14,1090	14,1090			14,1090					
Tracker	LU1048317025	UBS ETF CBUSE	EUR											
Tracker	LU0136234068	UBS ETF ESOEUA	EUR	32,4100	32,4400	32,1250	64835,0000	2	32,1250	2000				
Tracker	LU0721553864	UBS ETF ECOEUA	EUR											
Tracker	LU1215454460	UBS ETF ELOVD	EUR	14,2180	14,2180	14,1700			14,1700					
Tracker	LU0480132876	UBS ETF EMMUSA	EUR	84,0300	84,0300	83,1500			83,1500					
Tracker	LU0147308422	UBS ETF EMUEUA	EUR	115,4800	115,7400	114,5800	79513,3800	1	114,5800	687				
Tracker	LU1215452928	UBS ETF EPVLD	EUR	15,3460	15,3460	15,2640			15,2640					
Tracker	LU1215451524	UBS ETF EQLTD	EUR	17,4840	17,4840	17,3180	8734,0000	1	17,3180	500				
Tracker	LU0671493277	UBS ETF ESCEUA	EUR	92,2100	92,2100	91,9000			91,9000					
Tracker	LU0629460675	UBS ETF ESREUA	EUR	88,3000	88,4300	87,5400	31515,6200	5	87,5400	357				
Tracker	LU1215455947	UBS ETF ETSYD	EUR	15,5160	15,5160	15,3980			15,3980					
Tracker	LU0446734104	UBS ETF EUREUA	EUR	60,0100	60,0100	59,5900			59,5900					
Tracker	LU1169827224	UBS ETF HKDU	EUR	15,2140	15,2140	15,1320			15,1320					
Tracker	LU0937837945	UBS ETF JPEUAH	EUR	19,7600	19,7600	19,6310			19,6310					
Tracker	LU0136240974	UBS ETF JPNJPA	EUR	39,2850	39,2850	39,1170			39,1170					
Tracker	LU1230561679	UBS ETF JPSR	EUR	18,9300	19,0390	18,8300	15400,6600	2	18,8300	809				
Tracker	LU1048313891	UBS ETF MSURSA	EUR	10,9450	11,0080	10,8510	22195,8000	4	10,8510	2018				
Tracker	LU0446734526	UBS ETF PACUSA	EUR	34,7700	34,7700	34,5000			34,5000					
Tracker	LU0629460832	UBS ETF PSURSA	EUR	59,4500	59,6100	59,1300	4879,4400	3	59,1300	82				
Tracker	LU1169825954	UBS ETF SGPDU	EUR	15,2000	15,2000	15,0660			15,0660					
Tracker	LU1280303014	UBS ETF USSRF	EUR	15,3740	15,3740	15,2640			15,2640					
Tracker	LU0721552544	UBS ETF UT1USA	EUR	21,3410	21,3410	21,3050			21,3050					
Tracker	LU0721552973	UBS ETF UT7USA	EUR	34,3170	34,3380	34,3170			34,3380					
Tracker	LU0629459743	UBS ETF WSRUSA	EUR	79,0200	79,0200	78,3700			78,3700					
Tracker	IE00BWT3KS11	UBS IRL AUHEUA	EUR	12,7400	12,7400	12,7400			12,7400					
Tracker	IE00BMP3HG27	UBS IRL GLDVD	EUR	8,5650	8,5650	8,5050			8,5050					
Tracker	IE00B7K93397	UBS IRL SP5USY	EUR	39,3500	39,3500	38,9900			38,9900					
Tracker	IE00BMP3HN93	UBS IRL UKSR	EUR	16,9940	16,9940	16,9200	781,5900	1	16,9200	46				
Tracker	IE00BX7RQY03	UBS IRL ULQVD	EUR	17,4300	17,4300	17,4300			17,4300					
Tracker	IE00BWT3KJ20	UBS IRL ULOVE	EUR	18,5300	18,5300	18,5300			18,5300					
Tracker	IE00BX7RR706	UBS IRL UPVLD	EUR	18,7000	18,7000	18,6040			18,6040					
Tracker	IE00BWT3KL42	UBS IRL UPVLE	EUR	18,7300	18,7300	18,7300			18,7300					
Tracker	IE00BX7RRJ27	UBS IRL UQLTD	EUR	19,8800	19,8800	19,6540	22020,0200	1	19,6540	1111				
Tracker	IE00BWT3KN65	UBS IRL UQLTE	EUR	19,7940	19,8660	19,6000	19866,0000	1	19,6000	1000				
Tracker	IE00B77D4428	UBS IRL USAUSY	EUR	59,0200	59,0200	58,5100			58,5100					
Tracker	IE00BD4TYF66	UBS IRL USEUYH	EUR	21,7500	21,7500	21,5940			21,5940					
Tracker	IE00BX7RRT25	UBS IRL UTSYD	EUR	18,7240	18,7240	18,7240			18,7240					
Tracker	IE00BWT3KQ96	UBS IRL UTSYE	EUR	19,1900	19,1900	19,1400			19,1400					
Tracker	IE00B7KQ7B66	UBS IRL WRDUSY	EUR	45,4100	45,4100	45,0700			45,0700					
Tracker	IE00BZ163G84	VANGUARD EURCORPBD	EUR	51,5200	51,5900	51,4500	31923,0000	2	51,5900	620				
Tracker	IE00BZ163H91	VANGUARD EURGVBD	EUR	24,5550	24,5550	24,5330	32938,8700	2	24,5450	1342				
Tracker	IE00B9F5YL18	VANGUARD FTSE APXJ	EUR	20,5050	20,5250	20,3690	168107,2500	10	20,3690	8193				
Tracker	IE00B3R8WM25	VANGUARD FTSE AW	EUR	71,8400	71,8400	71,1300	584830,8200	75	71,1300	8170				
Tracker	IE00BKX55542	VANGUARD FTSE DE	EUR	27,7150	27,7550	27,4600	542622,9000	60	27,4600	196047				
Tracker	IE00BKX55T58	VANGUARD FTSE DW	EUR	53,3000	53,3100	52,8900	109278,6000	2	52,8900	2060				
Tracker	IE00B3VVM84	VANGUARD FTSE EM	EUR	45,7000	45,8200	45,1300	252663,0800	25	45,1300	5525				
Tracker	IE00B945VV12	VANGUARD FTSE EUR	EUR	28,7440	28,8800	28,5300	1685471,1200	54	28,5300	58623				
Tracker	IE00B8GKDB10	VANGUARD FTSE HOY	EUR	46,7540	46,7540	46,3730	206705,0700	27	46,3730	4435				
Tracker	IE00B95PGT31	VANGUARD FTSE JPN	EUR	26,4150	26,4500	26,2650	375018,5100	13	26,2650	14203				
Tracker	IE00BKX55R35	VANGUARD FTSE NA	EUR	59,9900	60,0000	59,4300	150627,9600	3	59,4300	2513				
Tracker	IE00BYRR0D71	VANGUARD GLBLIUI	EUR	29,0690	29,0690	28,9220	3702,0200	1	28,9220	128				
Tracker	IE00BYR0C64	VANGUARD GLBLMINVO	EUR	27,8790	27,9100	27,8060	8812,9700	4	27,8060	316				
Tracker	IE00BYR0935	VANGUARD GLBLMOM	EUR	28,4860	28,5600	28,1990	135610,0000	3	28,1990	4750				
Tracker	IE00BYR0857	VANGUARD GLBLVAL	EUR	29,4000	29,4000	29,2460	21256,2000	3	29,2460	723				
Tracker	IE00B3XXRP09	VANGUARD S&P500	EUR	46,2960	46,3420	45,8950	10681225,1000	239	45,8950	231415				
Tracker	IE00BZ163K21	VANGUARD USDCORPBD	EUR	43,6740	43,6740	43,6260			43,6260					
Tracker	IE00BZ163L38	VANGUARD USDEMGVBN	EUR	42,5350	42,5350	42,3050	111806,0400	3	42,3050	2638				
Tracker	IE00BZ163M45	VANGUARD USDTRBOND	EUR	20,3650	20,3700	20,3000	126926,2400	5	20,3590	6248				
Warrant	NL0012064232	AALB 28SPLOPENG	EUR	7,3100	7,3100	7,1500			7,1500					
Warrant	NL0012080386	AALB 37SPLOPENG	EUR											
Warrant	NL0009112408	AALB 3.45PLOPENG	EUR	29,6700	29,6700	29,5100			29,5100					
Warrant	NL0009113158	AALB 5.1SPLOPENG	EUR	28,2000	28,2000	28,0400			28,0400					
Warrant	NL0009236397	AALB 6.1SPLOPENG	EUR	27,2400	27,2400	27,0800			27,0800					
Warrant	NL0009367085	AALB 7.2SPLOPENG	EUR	26,2100	26,2100	26,0500			26,0500					



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	NL0009902287	AALB 8.4SPLOPENG	EUR	25,2000	25,2000	25,0400			25,0400					
Warrant	NL0010216347	AALB 11.9SPLOPENG	EUR	21,9600	21,9600	21,8000			21,8000					
Warrant	NL0010466462	AALB 15.3SPLOPENG	EUR	18,8500	18,8500	18,6900			18,6900					
Warrant	NL0010526125	AALB 16.6SPLOPENG	EUR	17,6800	17,6800	17,5200			17,5200					
Warrant	NL0010942421	AALB 19.4SPLOPENG	EUR	15,1400	15,1400	14,9800			14,9800					
Warrant	NL0010950440	AALB 20.9SPLOPENG	EUR	13,7500	13,7500	13,5900			13,5900					
Warrant	NL0011012653	AALB 22.6SPLOPENG	EUR	12,2600	12,2600	12,1000			12,1000					
Warrant	NL0011373147	AALB 24.3SPLOPENG	EUR	10,7000	10,7000	10,5400			10,5400					
Warrant	NL0011848296	AALB 26.1SPLOPENG	EUR	9,0600	9,0600	8,9000	900,0000	1	8,9000	100				
Warrant	NL0012064596	AALB 30.1SPLOPENG	EUR	5,4200	5,4200	5,2600			5,2600					
Warrant	NL0012067128	AALB 32.3SPLOPENG	EUR											
Warrant	NL0012076913	AALB 34.6SPLOPENG	EUR											
Warrant	NL0012829303	AALB 34.6SPLOPENG	EUR											
Warrant	NL0012464663	AALB 47.1SPSOPENG	EUR	19,7800	19,9100	19,7800			19,9100					
Warrant	DE000CV8AJP2	ABLIZ 80C 0319Z	EUR	0,3950	0,3950	0,3950			0,3950					
Warrant	DE000CV8AUN7	ABLIZ 80C 1218Z	EUR	0,2150	0,2150	0,2150			0,2150					
Warrant	NL0011481379	ABN 10SPLOPENG	EUR	13,6100	13,6100	13,2200			13,2200					
Warrant	NL0011481387	ABN 11SPLOPENG	EUR	12,6600	12,6600	12,2700			12,2700					
Warrant	DE000CV894U6	ABN 20C 1218Z	EUR	2,6800	2,6800	2,6800			2,6800					
Warrant	NL0012826036	ABN 22SPLOPENG	EUR	2,4800	2,4800	2,0900			2,0900					
Warrant	NL0012828255	ABN 23SPLOPENG	EUR											
Warrant	DE000CV8APT1	ABN 24C 0319Z	EUR	0,1450	0,1450	0,1450			0,1450					
Warrant	DE000CV894W2	ABN 25C 1218Z	EUR	0,2000	0,2000	0,2000			0,2000					
Warrant	DE000CV8AM94	ABN 26C 0319Z	EUR	0,0640	0,0640	0,0640			0,0640					
Warrant	DE000CV8ARG4	ABN 27C 1218Z	EUR	0,0150	0,0150	0,0150			0,0150					
Warrant	NL0011857479	ABN 17.SPLOPENG	EUR	5,9900	5,9900	5,6000			5,6000					
Warrant	NL0012062988	ABN 19.SPLOPENG	EUR	4,0000	4,0000	3,6100			3,6100					
Warrant	NL0011846910	ABN 9.3SPLOPENG	EUR	14,2200	14,2200	13,8300			13,8300					
Warrant	NL0011848379	ABN 11.7SPLOPENG	EUR	12,0100	12,0100	11,6200			11,6200					
Warrant	NL0011848361	ABN 12.5SPLOPENG	EUR	11,3100	11,3100	10,9200			10,9200					
Warrant	NL0011851134	ABN 13.2SPLOPENG	EUR	10,6000	10,6000	10,2100			10,2100					
Warrant	NL0011850607	ABN 13.5SPLOPENG	EUR	9,5000	9,5000	9,1100			9,1100					
Warrant	NL0011852025	ABN 14.1SPLOPENG	EUR	9,8400	9,8400	9,4500			9,4500					
Warrant	NL0011853304	ABN 14.9SPLOPENG	EUR	9,0600	9,0600	8,6700			8,6700					
Warrant	NL0011857412	ABN 15.8SPLOPENG	EUR	8,2600	8,2600	7,8700			7,8700					
Warrant	NL0011858410	ABN 16.7SPLOPENG	EUR	7,3700	7,3700	6,9800			6,9800					
Warrant	NL0012063325	ABN 17.7SPLOPENG	EUR	6,4600	6,4600	6,0700			6,0700					
Warrant	NL0012063929	ABN 18.7SPLOPENG	EUR	5,5100	5,6100	5,1200	16484,8000	3	5,1200	3040				
Warrant	NL0012073027	ABN 19.8SPLOPENG	EUR	4,5100	4,5100	4,1200			4,1200					
Warrant	NL0012076004	ABN 20.9SPLOPENG	EUR	3,4800	3,4800	3,0900			3,0900					
Warrant	NL0012825830	ABN 22.2SPLOPENG	EUR	0,7900	0,8700	0,4000	887,0000	2	0,4000	1100				
Warrant	DE000CV894V4	ABN 22.5C 1218Z	EUR	0,9100	0,9100	0,9100			0,9100					
Warrant	NL0012831622	ABN 23.1SPLOPENG	EUR											
Warrant	NL0012821524	ABN 24.2SPSOPENG	EUR											
Warrant	NL0012474845	ABN 25.4SPSOPENG	EUR	4,6300	5,0300	4,6300			5,0300					
Warrant	NL0012469738	ABN 27.4SPSOPENG	EUR	6,8100	7,2100	6,8100			7,2100					
Warrant	NL0011621412	ABN 11.26SPLOPENG	EUR	11,7000	11,7000	11,3100			11,3100					
Warrant	NL0011847629	ABN 11.97SPLOPENG	EUR	11,0200	11,0200	10,6300			10,6300					
Warrant	NL0011848049	ABN 12.72SPLOPENG	EUR	10,2500	10,2500	9,8600			9,8600					
Warrant	NL0011851381	ABN 14.33SPLOPENG	EUR	8,6600	8,6600	8,2700			8,2700					
Warrant	NL0011852983	ABN 15.18SPLOPENG	EUR	7,8200	7,8200	7,4300			7,4300					
Warrant	NL0011856794	ABN 16.06SPLOPENG	EUR	6,9700	6,9700	6,5800			6,5800					
Warrant	NL0011862727	ABN 17.97SPLOPENG	EUR	5,0200	5,0200	4,6300			4,6300					
Warrant	NL0012070619	ABN 20.08SPLOPENG	EUR	2,9200	2,9200	2,5300			2,5300					
Warrant	NL0012825129	ABN 21.12SPLOPENG	EUR	1,8600	1,8600	1,4700			1,4700					
Warrant	NL0012831887	ABN 23.31SPLOPENG	EUR											
Warrant	NL0012821003	ABN 23.96SPSOPENG	EUR											
Warrant	NL0012473086	ABN 24.99SPSOPENG	EUR	2,3000	2,7000	2,3000	1950,0000	1	2,7000	750				
Warrant	NL0012462006	ABN 26.98SPSOPENG	EUR	4,3000	4,7000	4,3000			4,7000					
Warrant	NL0012468557	ABN 28.97SPSOPENG	EUR	6,2900	6,6900	6,2900			6,6900					
Warrant	NL0011846589	ABN 9.229SPLOPENG	EUR	13,7500	13,7500	13,3600			13,3600					
Warrant	NL0010758488	ADIDA 49.1SPLOPENG	EUR	156,5200	156,5200	153,4000			153,4000					
Warrant	NL0011846431	ADIDA119.6SPLOPENG	EUR	90,8500	90,8500	87,7300			87,7300					
Warrant	NL0011851969	ADIDA142.2SPLOPENG	EUR											
Warrant	NL0012073464	ADIDA155.7SPLOPENG	EUR	5,7900	5,7900	5,4800			5,4800					
Warrant	NL0012477418	ADIDA169.9SPLOPENG	EUR	4,4700	4,4700	4,1600			4,1600					
Warrant	NL0012826739	ADIDA185.2SPLOPENG	EUR	3,0500	3,0500	2,7400			2,7400					
Warrant	NL0012068159	ADIDA187.6SPSOPENG	EUR											
Warrant	NL0012827984	ADIDA201.8SPLOPENG	EUR											
Warrant	NL0012465231	ADIDA219.1SPSOPENG	EUR	3,5300	3,8400	3,5300			3,8400					
Warrant	NL0012821672	ADYEN 181SPLOPENG	EUR	43,5200	43,5200	43,5200			43,5200					
Warrant	NL0012823157	ADYEN 461SPLOPENG	EUR	19,6300	19,6300	18,0400	58,8900	1	18,0400	3				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012825277	ADYEN 563SPLOPENG	EUR											
Warrant	NL0012826960	ADYEN 611SPSOPENG	EUR											
Warrant	NL0012821698	ADYEN140.8SPLOPENG	EUR	47,1800	47,1800	47,1800				47,1800				
Warrant	NL0012821680	ADYEN160.9SPLOPENG	EUR	45,3500	45,3500	45,3500				45,3500				
Warrant	NL0012821664	ADYEN201.1SPLOPENG	EUR	41,6900	41,6900	41,6900				41,6900				
Warrant	NL0012821979	ADYEN251.2SPLOPENG	EUR	37,1300	37,1300	37,1300				37,1300				
Warrant	NL0012821987	ADYEN301.5SPLOPENG	EUR	32,5500	32,5500	32,5500				32,5500				
Warrant	NL0012821995	ADYEN351.7SPLOPENG	EUR	27,9900	27,9900	27,9900				27,9900				
Warrant	NL0012822399	ADYEN376.3SPLOPENG	EUR	25,7500	25,7500	25,7500				25,7500				
Warrant	NL0012826721	ADYEN429.1SPLOPENG	EUR	19,0000	19,4300	17,9700	20050,0100	7		1055				
Warrant	NL0012822381	ADYEN430.9SPLOPENG	EUR	20,7900	20,7900	20,7900				20,7900				
Warrant	NL0012825608	ADYEN476.8SPLOPENG	EUR	13,2000	13,2000	13,2000				13,2000				
Warrant	NL0012823702	ADYEN493.3SPLOPENG	EUR	15,0600	15,0600	15,0600				15,0600				
Warrant	NL0012827760	ADYEN524.5SPLOPENG	EUR	8,6500	9,1500	7,3500	10759,5000	6		7,5800	1320			
Warrant	NL0012825590	ADYEN525.2SPLOPENG	EUR											
Warrant	NL0012824528	ADYEN526.3SPLOPENG	EUR											
Warrant	NL0012826952	ADYEN526.7SPLOPENG	EUR											
Warrant	NL0012827620	ADYEN527.8SPLOPENG	EUR	11,9600	11,9600	11,9600				11,9600				
Warrant	NL0012828016	ADYEN564.8SPLOPENG	EUR											
Warrant	NL0012828172	ADYEN576.2SPLOPENG	EUR											
Warrant	NL0012830137	ADYEN576.8SPLOPENG	EUR											
Warrant	NL0012832877	ADYEN576.9SPLOPENG	EUR	3,8500	3,8500	2,3400	1771,0000	2		2,3400	500			
Warrant	NL0012829592	ADYEN603.8SPLOPENG	EUR											
Warrant	NL0012831721	ADYEN604.5SPLOPENG	EUR											
Warrant	NL0012829287	ADYEN633.7SPLOPENG	EUR											
Warrant	NL0012831283	ADYEN634.4SPLOPENG	EUR											
Warrant	NL0012826069	ADYEN670.7SPSOPENG	EUR											
Warrant	NL0012825871	ADYEN674.3SPSOPENG	EUR											
Warrant	NL0012825889	ADYEN773.5SPSOPENG	EUR	19,1200	19,1200	18,6400				18,6400				
Warrant	NL0012830145	ADYEN889.6SPSOPENG	EUR	29,8800	29,8800	29,4000				29,4000				
Warrant	DE000CV89507	AEGON 5C 1218Z	EUR	0,4450	0,4450	0,4450				0,4450				
Warrant	NL0012827596	AEGON 5SPLOPENG	EUR	0,8100	0,8100	0,8100				0,8100				
Warrant	DE000CV8AMA8	AEGON 6C 0319Z	EUR	0,1450	0,1450	0,1450				0,1450				
Warrant	DE000CV8AEF4	AEGON 6C 1218Z	EUR	0,0580	0,0580	0,0580				0,0580				
Warrant	NL0011196753	AEGON 6SPSOPENG	EUR	1,3800	1,3800	1,3800				1,3800				
Warrant	NL0006428286	AEGON 0.2SPLOPENG	EUR	5,1700	5,1700	5,1700				5,1700				
Warrant	NL0006428419	AEGON 0.7SPLOPENG	EUR	4,7400	4,7400	4,7400				4,7400				
Warrant	NL0009765163	AEGON 0.9SPLOPENG	EUR	4,5100	4,5100	4,5100				4,5100				
Warrant	NL0009901941	AEGON 1.2SPLOPENG	EUR	4,2600	4,2600	4,2600				4,2600				
Warrant	NL0009905264	AEGON 1.6SPLOPENG	EUR	3,9700	3,9700	3,9700				3,9700				
Warrant	NL0010095642	AEGON 1.7SPLOPENG	EUR	3,8000	3,8000	3,8000				3,8000				
Warrant	NL0010104196	AEGON 1.9SPLOPENG	EUR	3,6400	3,6400	3,6400				3,6400				
Warrant	NL0010202354	AEGON 2.1SPLOPENG	EUR	3,4600	3,4600	3,4600				3,4600				
Warrant	NL0011848304	AEGON 2.6SPLOPENG	EUR	3,0500	3,0500	3,0500				3,0500				
Warrant	NL0011850839	AEGON 2.7SPLOPENG	EUR	2,9300	2,9300	2,9300				2,9300				
Warrant	NL0011857354	AEGON 3.1SPLOPENG	EUR	2,5900	2,5900	2,5900				2,5900				
Warrant	NL0011859335	AEGON 3.5SPLOPENG	EUR	2,2600	2,2600	2,2600				2,2600				
Warrant	NL0012072896	AEGON 3.7SPLOPENG	EUR	2,0700	2,0700	2,0700				2,0700				
Warrant	NL0012074140	AEGON 3.9SPLOPENG	EUR	1,8800	1,8800	1,8800				1,8800				
Warrant	NL0012077317	AEGON 4.1SPLOPENG	EUR	1,6900	1,6900	1,6900				1,6900				
Warrant	NL0012077747	AEGON 4.3SPLOPENG	EUR	1,5000	1,5000	1,5000				1,5000				
Warrant	NL0012463079	AEGON 4.5SPLOPENG	EUR	1,2700	1,2700	1,2700				1,2700				
Warrant	NL0012463848	AEGON 4.8SPLOPENG	EUR	1,0400	1,0400	1,0400				1,0400				
Warrant	NL0012824437	AEGON 5.2SPLOPENG	EUR											
Warrant	NL0012831085	AEGON 5.3SPLOPENG	EUR											
Warrant	DE000CV8AY09	AEGON 5.5C 0319Z	EUR	0,2950	0,2950	0,2950				0,2950				
Warrant	DE000CV89515	AEGON 5.5C 1218Z	EUR	0,1750	0,1750	0,1750				0,1750				
Warrant	NL0012831564	AEGON 5.6SPLOPENG	EUR											
Warrant	NL0012821383	AEGON 5.7SPSOPENG	EUR											
Warrant	NL0012468839	AEGON 6.4SPSOPENG	EUR	1,8600	1,8600	1,8600				1,8600				
Warrant	NL0012479711	AEGON 6.9SPSOPENG	EUR	2,3700	2,3700	2,3700				2,3700				
Warrant	NL0011856729	AEGON 3.08SPLOPENG	EUR	2,3100	2,3100	2,3100				2,3100				
Warrant	NL0012832687	AEGON 5.55SPSOPENG	EUR	0,2800	0,2800	0,2800				0,2800				
Warrant	NL0011847116	AEGON1.984SPLOPENG	EUR	3,3900	3,3900	3,3900				3,3900				
Warrant	NL0011845532	AEGON2.268SPLOPENG	EUR	3,1100	3,1100	3,1100				3,1100				
Warrant	NL0011844311	AEGON2.423SPLOPENG	EUR	2,9500	2,9500	2,9500				2,9500				
Warrant	NL0011847280	AEGON2.578SPLOPENG	EUR	2,7900	2,7900	2,7900				2,7900				
Warrant	NL0011847900	AEGON2.742SPLOPENG	EUR	2,6400	2,6400	2,6400				2,6400				
Warrant	NL0011856042	AEGON2.907SPLOPENG	EUR	2,4800	2,4800	2,4800				2,4800				
Warrant	NL0011859178	AEGON3.262SPLOPENG	EUR	2,1000	2,1000	2,1000				2,1000				
Warrant	NL0011859657	AEGON3.653SPLOPENG	EUR	1,7300	1,7300	1,7300				1,7300				
Warrant	NL0012073217	AEGON3.857SPLOPENG	EUR	1,5200	1,5200	1,5200				1,5200				



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	NL0012075311	AEGON4.072SPLOPENG	EUR	1,2900	1,2900	1,2900			1,2900					
Warrant	NL0012077143	AEGON4.2975SPLOPENG	EUR	1,0700	1,0700	1,0700			1,0700					
Warrant	NL0012462881	AEGON4.5285SPLOPENG	EUR	0,8400	0,8400	0,8400			0,8400					
Warrant	NL0012463913	AEGON4.7685SPLOPENG	EUR	0,5700	0,5700	0,5700			0,5700					
Warrant	NL0012067359	AEGON4.9775SPLOPENG	EUR											
Warrant	NL0012824700	AEGON5.0145SPLOPENG	EUR	0,3300	0,3800	0,3300	1952,0000	2	0,3300	5400				
Warrant	NL0012830467	AEGON5.2655SPLOPENG	EUR											
Warrant	NL0012830798	AEGON5.5275SPLOPENG	EUR											
Warrant	NL0012831531	AEGON5.5295SPLOPENG	EUR											
Warrant	NL0012820922	AEGON5.5515SPLOPENG	EUR											
Warrant	NL0011196506	AEGON5.9695SPLOPENG	EUR	0,7000	0,7000	0,7000			0,7000					
Warrant	NL0011203740	AEGON7.0185SPLOPENG	EUR	1,7600	1,7600	1,7600			1,7600					
Warrant	NL0011205893	AEGON7.5785SPLOPENG	EUR	2,3100	2,3100	2,3100			2,3100					
Warrant	NL0006423097	AEX 38SPLOPENG	EUR	48,5600	48,5600	48,5600			48,5600					
Warrant	NL0006428179	AEX 51SPLOPENG	EUR	47,2900	47,2900	47,2900			47,2900					
Warrant	NL0006428161	AEX 63SPLOPENG	EUR	46,0900	46,0900	46,0900			46,0900					
Warrant	NL0006422982	AEX 76SPLOPENG	EUR	44,9000	44,9000	44,9000			44,9000					
Warrant	NL0006427973	AEX 82SPLOPENG	EUR	44,2800	44,2800	44,2800			44,2800					
Warrant	NL0006427965	AEX 88SPLOPENG	EUR	43,6700	43,6700	43,6700			43,6700					
Warrant	NL0006428351	AEX 100SPLOPENG	EUR	42,4900	42,4900	42,4900			42,4900					
Warrant	NL0009105006	AEX 113SPLOPENG	EUR	41,2100	41,2100	41,2100			41,2100					
Warrant	NL0009105147	AEX 121SPLOPENG	EUR	40,4800	40,4800	40,4800			40,4800					
Warrant	NL0009105139	AEX 127SPLOPENG	EUR	39,8800	39,8800	39,8800			39,8800					
Warrant	NL0009105592	AEX 134SPLOPENG	EUR	39,1800	39,1800	39,1800			39,1800					
Warrant	NL0009106889	AEX 140SPLOPENG	EUR	38,5600	38,5600	38,5600			38,5600					
Warrant	NL0009106871	AEX 146SPLOPENG	EUR	37,9600	37,9600	37,9600			37,9600					
Warrant	NL0009106863	AEX 153SPLOPENG	EUR	37,3600	37,3600	37,3600			37,3600					
Warrant	NL0009111012	AEX 159SPLOPENG	EUR	36,7500	36,7500	36,7500			36,7500					
Warrant	NL0009111004	AEX 165SPLOPENG	EUR	36,1500	36,1500	36,1500			36,1500					
Warrant	NL0009111061	AEX 171SPLOPENG	EUR	35,5700	35,5700	35,5700			35,5700					
Warrant	NL0009111053	AEX 177SPLOPENG	EUR	34,9700	34,9700	34,9700			34,9700					
Warrant	NL0009111046	AEX 183SPLOPENG	EUR	34,3800	34,3800	34,3800			34,3800					
Warrant	NL0009879477	AEX 188SPLOPENG	EUR	33,8600	33,8600	33,8600			33,8600					
Warrant	NL0009879469	AEX 194SPLOPENG	EUR	33,3400	33,3400	33,3400			33,3400					
Warrant	NL0009901792	AEX 199SPLOPENG	EUR	32,8100	32,8100	32,8100			32,8100					
Warrant	NL0009901784	AEX 204SPLOPENG	EUR	32,2700	32,2700	32,2700			32,2700					
Warrant	NL0009901925	AEX 210SPLOPENG	EUR	31,7100	31,7100	31,7100			31,7100					
Warrant	NL0009902220	AEX 216SPLOPENG	EUR	31,1600	31,1600	31,1600			31,1600					
Warrant	NL0010102521	AEX 227SPLOPENG	EUR	30,0500	30,0500	30,0500			30,0500					
Warrant	NL0010084976	AEX 232SPLOPENG	EUR	29,5200	29,5200	29,5200			29,5200					
Warrant	NL0010085239	AEX 238SPLOPENG	EUR	28,9400	28,9400	28,9400			28,9400					
Warrant	NL0010085221	AEX 244SPLOPENG	EUR	28,3700	28,3700	28,3700			28,3700					
Warrant	NL0010087052	AEX 250SPLOPENG	EUR	27,7500	27,7500	27,7500			27,7500					
Warrant	NL0010201893	AEX 257SPLOPENG	EUR	27,1100	27,1100	27,1100			27,1100					
Warrant	NL0010215349	AEX 264SPLOPENG	EUR	26,4400	26,4400	26,4400			26,4400					
Warrant	NL0010215786	AEX 271SPLOPENG	EUR	25,7300	25,7300	25,7300			25,7300					
Warrant	NL0010350492	AEX 278SPLOPENG	EUR	25,0100	25,0100	25,0100			25,0100					
Warrant	NL0010465506	AEX 286SPLOPENG	EUR	24,3000	24,3000	24,3000			24,3000					
Warrant	NL0010465498	AEX 293SPLOPENG	EUR	23,5700	23,5700	23,5700			23,5700					
Warrant	NL0010467718	AEX 301SPLOPENG	EUR	22,8500	22,8500	22,8500			22,8500					
Warrant	NL0010468476	AEX 308SPLOPENG	EUR	22,0900	22,0900	22,0900			22,0900					
Warrant	NL0010535225	AEX 316SPLOPENG	EUR	21,3200	21,3200	21,3200			21,3200					
Warrant	NL0010829636	AEX 318SPLOPENG	EUR	21,1300	21,1300	21,1300			21,1300					
Warrant	NL0010829628	AEX 320SPLOPENG	EUR	20,9400	20,9400	20,9400			20,9400					
Warrant	NL0010829610	AEX 322SPLOPENG	EUR	20,7500	20,7500	20,7500			20,7500					
Warrant	NL0010829602	AEX 324SPLOPENG	EUR	20,5600	20,5600	20,5600			20,5600					
Warrant	NL0010829594	AEX 326SPLOPENG	EUR	20,3600	20,3600	20,3600			20,3600					
Warrant	NL0010829586	AEX 328SPLOPENG	EUR	20,1700	20,1700	20,1700			20,1700					
Warrant	NL0010829578	AEX 330SPLOPENG	EUR	19,9700	19,9700	19,9700			19,9700					
Warrant	NL0010829560	AEX 332SPLOPENG	EUR	19,7800	19,7800	19,7800			19,7800					
Warrant	NL0010830832	AEX 334SPLOPENG	EUR	19,5800	19,5800	19,5800			19,5800					
Warrant	NL0010938957	AEX 338SPLOPENG	EUR	19,1800	19,1800	19,1800			19,1800					
Warrant	NL0010938940	AEX 340SPLOPENG	EUR	18,9800	18,9800	18,9800			18,9800					
Warrant	NL0010938932	AEX 342SPLOPENG	EUR	18,7800	18,7800	18,7800			18,7800					
Warrant	NL0011618962	AEX 344SPLOPENG	EUR	18,5800	18,5800	18,5800			18,5800					
Warrant	NL0011619515	AEX 346SPLOPENG	EUR	18,3900	18,3900	18,3900			18,3900					
Warrant	NL0011619507	AEX 350SPLOPENG	EUR	17,9900	17,9900	17,9900			17,9900					
Warrant	NL0011619499	AEX 354SPLOPENG	EUR	17,6000	17,6000	17,6000			17,6000					
Warrant	NL0011619481	AEX 358SPLOPENG	EUR	17,2000	17,2000	17,2000			17,2000					
Warrant	NL0011619473	AEX 362SPLOPENG	EUR	16,7900	16,7900	16,7900			16,7900					
Warrant	NL0011620125	AEX 364SPLOPENG	EUR	16,5900	16,5900	16,5900			16,5900					
Warrant	NL0011620240	AEX 366SPLOPENG	EUR	16,3800	16,3800	16,3800			16,3800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011620232	AEX 371SPLOPENG	EUR	15,9700	15,9700	15,9700			15,9700					
Warrant	NL0011622188	AEX 373SPLOPENG	EUR	15,7600	15,7600	15,7600			15,7600					
Warrant	NL0011622287	AEX 375SPLOPENG	EUR	15,5600	15,5600	15,5600			15,5600					
Warrant	NL0011622279	AEX 379SPLOPENG	EUR	15,1400	15,1400	15,1400			15,1400					
Warrant	NL0011622261	AEX 381SPLOPENG	EUR	14,9300	14,9300	14,9300			14,9300					
Warrant	NL0011843925	AEX 383SPLOPENG	EUR	14,7200	14,7200	14,7200			14,7200					
Warrant	NL0011844956	AEX 388SPLOPENG	EUR	14,3000	14,3000	14,3000			14,3000					
Warrant	NL0011844949	AEX 392SPLOPENG	EUR	13,8800	13,8800	13,8800			13,8800					
Warrant	NL0011847207	AEX 394SPLOPENG	EUR	13,6600	13,6600	13,6600			13,6600					
Warrant	NL0011847199	AEX 396SPLOPENG	EUR	13,4500	13,4500	13,4500			13,4500					
Warrant	NL0011847181	AEX 399SPLOPENG	EUR	13,2300	13,2300	13,2300			13,2300					
Warrant	NL0011847652	AEX 403SPLOPENG	EUR	12,8000	12,8000	12,8000			12,8000					
Warrant	NL0011848072	AEX 405SPLOPENG	EUR	12,5800	12,5800	12,5800			12,5800					
Warrant	NL0011848197	AEX 406SPLOPENG	EUR	11,8000	11,8000	11,8000			11,8000					
Warrant	NL0011848064	AEX 410SPLOPENG	EUR	12,1500	12,1500	12,1500			12,1500					
Warrant	NL0011848056	AEX 412SPLOPENG	EUR	11,9200	11,9200	11,9200			11,9200					
Warrant	NL0011620695	AEX 412SPLOPENG	EUR											
Warrant	NL0011859277	AEX 416SPLOPENG	EUR	11,5800	11,5800	11,5800			11,5800					
Warrant	NL0011859269	AEX 418SPLOPENG	EUR	11,3500	11,3500	11,3500			11,3500					
Warrant	NL0011859574	AEX 422SPLOPENG	EUR	10,9100	10,9100	10,9100			10,9100					
Warrant	NL0011862263	AEX 425SPLOPENG	EUR	10,6900	10,6900	10,6900			10,6900					
Warrant	NL0011862495	AEX 427SPLOPENG	EUR	10,4600	10,4600	10,4600			10,4600					
Warrant	NL0011862487	AEX 429SPLOPENG	EUR	10,2400	10,2400	10,2400			10,2400					
Warrant	NL0011862479	AEX 431SPLOPENG	EUR	10,0100	10,0100	10,0100			10,0100					
Warrant	NL0011862461	AEX 434SPLOPENG	EUR	9,7800	9,7800	9,7800			9,7800					
Warrant	NL0011862990	AEX 436SPLOPENG	EUR	9,5500	9,5500	9,5500			9,5500					
Warrant	NL0011862982	AEX 439SPLOPENG	EUR	9,3200	9,3200	9,3200			9,3200					
Warrant	NL0011863139	AEX 441SPLOPENG	EUR	9,0900	9,0900	9,0900			9,0900					
Warrant	NL0012061600	AEX 446SPLOPENG	EUR	8,6200	8,6200	8,6200			8,6200					
Warrant	NL0011853080	AEX 447SPLOPENG	EUR											
Warrant	NL0012061972	AEX 448SPLOPENG	EUR	8,3800	8,3800	8,3800			8,3800					
Warrant	NL0011859566	AEX 448SPLOPENG	EUR											
Warrant	NL0011853072	AEX 449SPLOPENG	EUR											
Warrant	NL0011630322	AEX 449SPLOPENG	EUR											
Warrant	NL0012062228	AEX 450SPLOPENG	EUR	8,1400	8,1400	8,1400			8,1400					
Warrant	NL0011859558	AEX 450SPLOPENG	EUR											
Warrant	NL0012062418	AEX 453SPLOPENG	EUR	7,9000	7,9000	7,9000			7,9000					
Warrant	NL0012065320	AEX 455SPLOPENG	EUR	7,6600	7,6600	7,6600			7,6600					
Warrant	NL0012065312	AEX 458SPLOPENG	EUR	7,4200	7,4200	7,4200			7,4200					
Warrant	DE000C3N872	AEX 460P 0919Z	EUR	1,5250	1,5250	1,5250			1,5250					
Warrant	NL0012065692	AEX 460SPLOPENG	EUR	7,1800	7,1800	7,1800			7,1800					
Warrant	NL0012065817	AEX 465SPLOPENG	EUR	6,7000	6,7000	6,7000			6,7000					
Warrant	NL0012066245	AEX 470SPLOPENG	EUR	6,1900	6,1900	6,1900			6,1900					
Warrant	NL0012066807	AEX 473SPLOPENG	EUR	5,9600	5,9600	5,9600			5,9600					
Warrant	NL0012067193	AEX 475SPLOPENG	EUR	5,7100	5,7100	5,7100			5,7100					
Warrant	NL0012067771	AEX 480SPLOPENG	EUR	5,2100	5,2100	5,2100			5,2100					
Warrant	NL0012068373	AEX 483SPLOPENG	EUR	4,9500	4,9500	4,9500			4,9500					
Warrant	DE000CV4ZYB7	AEX 485P 1218Z	EUR	0,2350	0,2350	0,2350			0,2350					
Warrant	NL0012069496	AEX 488SPLOPENG	EUR	4,4500	4,4500	4,4500			4,4500					
Warrant	DE000C3N856	AEX 490P 0319Z	EUR	1,1150	1,1150	1,1150			1,1150					
Warrant	NL0012075899	AEX 491SPLOPENG	EUR	4,4000	4,4000	4,2000	1760,0000	1	4,2000	400				
Warrant	NL0012079131	AEX 493SPLOPENG	EUR	3,9500	3,9500	3,9500			3,9500					
Warrant	NL0012079123	AEX 496SPLOPENG	EUR	4,1200	4,2700	3,7000	4892,0000	6	3,7000	1200				
Warrant	NL0012079115	AEX 498SPLOPENG	EUR	4,0000	4,0000	3,4500	3600,0000	1	3,4500	900				
Warrant	DE000CV8A7B1	AEX 500P 0619Z	EUR	1,0950	1,0950	1,0950			1,0950					
Warrant	NL0012079586	AEX 501SPLOPENG	EUR	3,1900	3,1900	3,1900			3,1900					
Warrant	NL0012079909	AEX 504SPLOPENG	EUR	2,9400	2,9400	2,9400			2,9400					
Warrant	DE000CV4ZYA9	AEX 505P 1218Z	EUR	0,4350	0,4350	0,4350			0,4350					
Warrant	NL0012474878	AEX 506SPLOPENG	EUR	2,6800	2,6800	2,6800			2,6800					
Warrant	NL0012478465	AEX 509SPLOPENG	EUR	2,4300	2,4300	2,4300			2,4300					
Warrant	DE000CV8A6Z2	AEX 510C 0319Z	EUR	1,2850	1,2850	1,2850			1,2850					
Warrant	DE000CV8A732	AEX 510P 0319Z	EUR	0,8550	0,8550	0,8550			0,8550					
Warrant	NL0012478457	AEX 511SPLOPENG	EUR	2,6900	2,6900	2,1700	1475,6000	2	2,1700	560				
Warrant	NL0012478440	AEX 514SPLOPENG	EUR											
Warrant	DE000CV4ZXN4	AEX 515C 1218Z	EUR	0,8750	0,8750	0,8750			0,8750					
Warrant	NL0012478432	AEX 517SPLOPENG	EUR											
Warrant	NL0012478424	AEX 519SPLOPENG	EUR											
Warrant	DE000CV8A773	AEX 520C 0619Z	EUR	1,0150	1,0150	1,0150			1,0150					
Warrant	DE000C3N864	AEX 520C 0919Z	EUR	2,2150	2,2150	2,2150			2,2150					
Warrant	NL0012479208	AEX 522SPLOPENG	EUR											
Warrant	DE000CV4ZY95	AEX 525P 1218Z	EUR	0,8050	0,8050	0,8050			0,8050					
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	NL0011304605	AEX 526SPSOPENG	EUR											
Warrant	NL0012479695	AEX 5275PLOPENG	EUR											
Warrant	DE000C3N849	AEX 530C 0319Z	EUR	1,4750	1,4750	1,4750			1,4750					
Warrant	NL0012480156	AEX 5305PLOPENG	EUR											
Warrant	NL0012480149	AEX 5335PLOPENG	EUR											
Warrant	DE000CV4ZXP9	AEX 535C 1218Z	EUR	0,3650	0,3650	0,3650			0,3650					
Warrant	NL0012830236	AEX 5355PLOPENG	EUR											
Warrant	NL0012480560	AEX 5355PLOPENG	EUR											
Warrant	NL0012480552	AEX 5385PLOPENG	EUR											
Warrant	NL0012830558	AEX 5385PLOPENG	EUR											
Warrant	DE000CV8A7C9	AEX 540P 0619Z	EUR	2,1550	2,1550	2,1550			2,1550					
Warrant	DE000C3N880	AEX 540P 0919Z	EUR	5,0650	5,0650	5,0650			5,0650					
Warrant	NL0012822829	AEX 5405PLOPENG	EUR											
Warrant	NL0012830905	AEX 5415PLOPENG	EUR											
Warrant	NL0012822811	AEX 5435PLOPENG	EUR											
Warrant	NL0012831291	AEX 5445PLOPENG	EUR											
Warrant	DE000CV4ZY87	AEX 545P 1218Z	EUR	1,4350	1,4350	1,4350			1,4350					
Warrant	NL0012829139	AEX 5455PSOPENG	EUR											
Warrant	NL0012823819	AEX 5465PLOPENG	EUR											
Warrant	NL0012829147	AEX 5475PSOPENG	EUR											
Warrant	NL0012827463	AEX 5495PLOPENG	EUR											
Warrant	DE000CV8A708	AEX 550C 0319Z	EUR	0,3750	0,3750	0,3750			0,3750					
Warrant	DE000CV8A740	AEX 550P 0319Z	EUR	1,7600	1,9450	1,7600	352,0000	1	1,9450	200				
Warrant	NL0012829154	AEX 5505PSOPENG	EUR											
Warrant	NL0012828024	AEX 5515PLOPENG	EUR											
Warrant	NL0012823876	AEX 5525PLOPENG	EUR											
Warrant	NL0012829162	AEX 5535PSOPENG	EUR											
Warrant	NL0012828305	AEX 5545PLOPENG	EUR											
Warrant	DE000CV4ZXQ7	AEX 555C 1218Z	EUR	0,1350	0,1350	0,1350			0,1350					
Warrant	NL0012824411	AEX 5555PLOPENG	EUR											
Warrant	NL0012829170	AEX 5555PSOPENG	EUR	4,3700	4,3700	4,3700			4,3700					
Warrant	NL0012824403	AEX 5575PLOPENG	EUR											
Warrant	NL0012829188	AEX 5585PSOPENG	EUR	4,6600	4,6600	4,6600			4,6600					
Warrant	NL0012828909	AEX 5595PSOPENG	EUR	3,7700	3,7700	3,7700			3,7700					
Warrant	DE000CV8A781	AEX 560C 0619Z	EUR	0,3650	0,3650	0,3650			0,3650					
Warrant	NL0012824916	AEX 5605PLOPENG	EUR											
Warrant	NL0012829196	AEX 5615PSOPENG	EUR	5,0500	5,0500	4,9400	631,2500	1	4,9400	125				
Warrant	NL0012825525	AEX 5635PLOPENG	EUR											
Warrant	NL0012827273	AEX 5635PSOPENG	EUR	5,2300	5,2300	5,2300			5,2300					
Warrant	DE000CV4ZY79	AEX 565P 1218Z	EUR	2,3050	2,3050	2,3050			2,3050					
Warrant	NL0012825616	AEX 5665PLOPENG	EUR											
Warrant	NL0012827281	AEX 5665PSOPENG	EUR	5,5200	5,5200	5,5200			5,5200					
Warrant	NL0012827299	AEX 5695PSOPENG	EUR	5,8100	5,8100	5,8100			5,8100					
Warrant	NL0012068878	AEX 5725PSOPENG	EUR	6,1000	6,1000	6,1000			6,1000					
Warrant	DE000CV4ZXR5	AEX 575C 1218Z	EUR	0,0700	0,0700	0,0700			0,0700					
Warrant	DE000CV8A7D7	AEX 580P 0619Z	EUR	3,7650	3,7650	3,7650			3,7650					
Warrant	DE000CV4ZY61	AEX 585P 1218Z	EUR	3,2750	3,2750	3,2750			3,2750					
Warrant	NL0012074819	AEX 5875PSOPENG	EUR	7,6300	7,6300	7,6300			7,6300					
Warrant	DE000CV8A716	AEX 590C 0319Z	EUR	0,1150	0,1150	0,1150			0,1150					
Warrant	DE000CV8A757	AEX 590P 0319Z	EUR	3,6850	3,6850	3,6850			3,6850					
Warrant	NL0012463269	AEX 5935PSOPENG	EUR	8,2600	8,2600	8,2600			8,2600					
Warrant	DE000CV4ZXS3	AEX 595C 1218Z	EUR	0,0560	0,0560	0,0560			0,0560					
Warrant	DE000CV8A799	AEX 600C 0619Z	EUR	0,1550	0,1550	0,1550			0,1550					
Warrant	NL0012463277	AEX 6025PSOPENG	EUR	9,1900	9,1900	9,1900			9,1900					
Warrant	DE000CV4ZXT1	AEX 615C 1218Z	EUR	0,0520	0,0520	0,0520			0,0520					
Warrant	NL0012463285	AEX 6155PSOPENG	EUR	10,4700	10,4700	10,4700			10,4700					
Warrant	DE000CV8A7E5	AEX 620P 0619Z	EUR	5,6750	5,6750	5,6750			5,6750					
Warrant	NL0012463715	AEX 6245PSOPENG	EUR	11,4400	11,4400	11,4400			11,4400					
Warrant	NL0012467906	AEX 6285PSOPENG	EUR	11,3600	11,7700	11,3600	999,6800	1	11,7700	88				
Warrant	DE000CV8A724	AEX 630C 0319Z	EUR	0,0780	0,0780	0,0780			0,0780					
Warrant	DE000CV8A765	AEX 630P 0319Z	EUR	5,6550	5,6550	5,6550			5,6550					
Warrant	NL0012467914	AEX 6345PSOPENG	EUR	12,4300	12,4300	12,4300			12,4300					
Warrant	DE000CV8A7A3	AEX 640C 0619Z	EUR	0,1050	0,1050	0,1050			0,1050					
Warrant	NL0012470363	AEX 6415PSOPENG	EUR	13,0900	13,0900	13,0900			13,0900					
Warrant	NL0012470371	AEX 6475PSOPENG	EUR	13,7600	13,7600	13,7600			13,7600					
Warrant	NL0012470389	AEX 6545PSOPENG	EUR	14,4400	14,4400	14,4400			14,4400					
Warrant	NL0012819007	AEX 6605PSOPENG	EUR	15,1100	15,1100	15,1100			15,1100					
Warrant	NL0012819015	AEX 6675PSOPENG	EUR	15,8000	15,8000	15,8000			15,8000					
Warrant	NL0012820328	AEX 6745PSOPENG	EUR	16,4900	16,4900	16,4900			16,4900					
Warrant	NL0012825533	AEX 6985PSOPENG	EUR	18,9400	18,9400	18,9400			18,9400					
Warrant	NL0012825541	AEX 7085PSOPENG	EUR	20,0200	20,0200	20,0200			20,0200					
Warrant	NL0010215570	AEX 271.SPLOPENG	EUR	25,2400	25,2400	25,2400			25,2400					



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	NL0010466074	AEX 293.SPLOPENG	EUR	23,0300	23,0300	23,0300			23,0300					
Warrant	NL0011620398	AEX 365.SPLOPENG	EUR	15,9100	15,9100	15,9100			15,9100					
Warrant	NL0011622477	AEX 382.SPLOPENG	EUR	14,2100	14,2100	14,2100			14,2100					
Warrant	NL0011847256	AEX 396.SPLOPENG	EUR	12,8000	12,8000	12,8000			12,8000					
Warrant	NL0012061485	AEX 444.SPLOPENG	EUR	8,0000	8,0000	8,0000			8,0000					
Warrant	NL0012062517	AEX 455.SPLOPENG	EUR	6,9100	6,9100	6,9100			6,9100					
Warrant	NL0012067250	AEX 475.SPLOPENG	EUR	4,9100	4,9100	4,9100			4,9100					
Warrant	NL0012076046	AEX 493.SPLOPENG	EUR	3,1000	3,1000	3,1000			3,1000					
Warrant	NL0012478580	AEX 510.SPLOPENG	EUR	1,8400	1,8400	1,4100	550,5000	2	1,4100	300				
Warrant	NL0012832414	AEX 529.SPLOPENG	EUR											
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	NL0012831747	AEX 552.SPLOPENG	EUR	2,6200	3,0700	2,5000	759,8000	6	3,0700	280				
Warrant	NL0012825673	AEX 559.SPLOPENG	EUR											
Warrant	NL0012073845	AEX 596.SPLOPENG	EUR	7,4600	7,4600	7,4600			7,4600					
Warrant	NL0012825319	AEX 657.SPLOPENG	EUR	13,5700	13,5700	13,5700			13,5700					
Warrant	NL0010209805	AEX 257.4SPLOPENG	EUR	26,6000	26,6000	26,6000			26,6000					
Warrant	NL0010209797	AEX 263.8SPLOPENG	EUR	25,9500	25,9500	25,9500			25,9500					
Warrant	NL0010215455	AEX 267.4SPLOPENG	EUR	25,6000	25,6000	25,6000			25,6000					
Warrant	NL0010215893	AEX 274.6SPLOPENG	EUR	24,8800	24,8800	24,8800			24,8800					
Warrant	NL0010351003	AEX 281.9SPLOPENG	EUR	24,1400	24,1400	24,1400			24,1400					
Warrant	NL0010466090	AEX 285.6SPLOPENG	EUR	23,7800	23,7800	23,7800			23,7800					
Warrant	NL0010466082	AEX 289.3SPLOPENG	EUR	23,4100	23,4100	23,4100			23,4100					
Warrant	NL0010467734	AEX 296.8SPLOPENG	EUR	22,6600	22,6600	22,6600			22,6600					
Warrant	NL0010467726	AEX 300.6SPLOPENG	EUR	22,2800	22,2800	22,2800			22,2800					
Warrant	NL0010468369	AEX 304.5SPLOPENG	EUR	21,9000	21,9000	21,9000			21,9000					
Warrant	NL0010468351	AEX 308.3SPLOPENG	EUR	21,5100	21,5100	21,5100			21,5100					
Warrant	NL0010468880	AEX 312.3SPLOPENG	EUR	21,1400	21,1400	21,1400			21,1400					
Warrant	NL0010526075	AEX 316.2SPLOPENG	EUR	20,7300	20,7300	20,7300			20,7300					
Warrant	NL0010535258	AEX 320.2SPLOPENG	EUR	20,3400	20,3400	20,3400			20,3400					
Warrant	NL0010543864	AEX 322.2SPLOPENG	EUR	20,1400	20,1400	20,1400			20,1400					
Warrant	NL0010545448	AEX 323.2SPLOPENG	EUR	20,0400	20,0400	20,0400			20,0400					
Warrant	NL0010544573	AEX 324.3SPLOPENG	EUR	19,9500	19,9500	19,9500			19,9500					
Warrant	NL0010829800	AEX 325.3SPLOPENG	EUR	19,8400	19,8400	19,8400			19,8400					
Warrant	NL0010829792	AEX 326.3SPLOPENG	EUR	19,7400	19,7400	19,7400			19,7400					
Warrant	NL0010829784	AEX 327.3SPLOPENG	EUR	19,6400	19,6400	19,6400			19,6400					
Warrant	NL0010829776	AEX 328.3SPLOPENG	EUR	19,5400	19,5400	19,5400			19,5400					
Warrant	NL0010829768	AEX 329.3SPLOPENG	EUR	19,4800	19,4800	19,4800			19,4800					
Warrant	NL0010829750	AEX 330.3SPLOPENG	EUR	19,3600	19,3600	19,3600			19,3600					
Warrant	NL0010829743	AEX 331.3SPLOPENG	EUR	19,2400	19,2400	19,2400			19,2400					
Warrant	NL0010938247	AEX 333.3SPLOPENG	EUR	19,0300	19,0300	19,0300			19,0300					
Warrant	NL0010938239	AEX 334.3SPLOPENG	EUR	18,9300	18,9300	18,9300			18,9300					
Warrant	NL0010938866	AEX 335.3SPLOPENG	EUR	18,8500	18,8500	18,8500			18,8500					
Warrant	NL0010938858	AEX 336.4SPLOPENG	EUR	18,7500	18,7500	18,7500			18,7500					
Warrant	NL0010938841	AEX 337.4SPLOPENG	EUR	18,6700	18,6700	18,6700			18,6700					
Warrant	NL0010938833	AEX 338.4SPLOPENG	EUR	18,5600	18,5600	18,5600			18,5600					
Warrant	NL0010938825	AEX 339.4SPLOPENG	EUR	18,4600	18,4600	18,4600			18,4600					
Warrant	NL0010938817	AEX 340.5SPLOPENG	EUR	18,3600	18,3600	18,3600			18,3600					
Warrant	NL0010938809	AEX 341.5SPLOPENG	EUR	18,2600	18,2600	18,2600			18,2600					
Warrant	NL0010938791	AEX 342.5SPLOPENG	EUR	18,1500	18,1500	18,1500			18,1500					
Warrant	NL0010939435	AEX 343.6SPLOPENG	EUR	18,0500	18,0500	18,0500			18,0500					
Warrant	NL0011619879	AEX 345.5SPLOPENG	EUR	17,8500	17,8500	17,8500			17,8500					
Warrant	NL0011619861	AEX 348.5SPLOPENG	EUR	17,5500	17,5500	17,5500			17,5500					
Warrant	NL0011619853	AEX 351.6SPLOPENG	EUR	17,2500	17,2500	17,2500			17,2500					
Warrant	NL0011619846	AEX 355.6SPLOPENG	EUR	16,8400	16,8400	16,8400			16,8400					
Warrant	NL0011619838	AEX 357.7SPLOPENG	EUR	16,6300	16,6300	16,6300			16,6300					
Warrant	NL0011619820	AEX 359.8SPLOPENG	EUR	16,4300	16,4300	16,4300			16,4300					
Warrant	NL0011619812	AEX 361.8SPLOPENG	EUR	16,2200	16,2200	16,2200			16,2200					
Warrant	NL0011620026	AEX 362.9SPLOPENG	EUR	16,1200	16,1200	16,1200			16,1200					
Warrant	NL0011620380	AEX 367.1SPLOPENG	EUR	15,7000	15,7000	15,7000			15,7000					
Warrant	NL0011620372	AEX 368.1SPLOPENG	EUR	15,5900	15,5900	15,5900			15,5900					
Warrant	NL0011620364	AEX 369.2SPLOPENG	EUR	15,4900	15,4900	15,4900			15,4900					
Warrant	NL0011620588	AEX 372.3SPLOPENG	EUR	15,1700	15,1700	15,1700			15,1700					
Warrant	NL0011622527	AEX 373.4SPLOPENG	EUR	15,0700	15,0700	15,0700			15,0700					
Warrant	NL0011622519	AEX 375.5SPLOPENG	EUR	14,8500	14,8500	14,8500			14,8500					
Warrant	NL0011622501	AEX 377.7SPLOPENG	EUR	14,6400	14,6400	14,6400			14,6400					
Warrant	NL0011622493	AEX 379.8SPLOPENG	EUR	14,4200	14,4200	14,4200			14,4200					
Warrant	NL0011622485	AEX 380.9SPLOPENG	EUR	14,3200	14,3200	14,3200			14,3200					
Warrant	NL0011622469	AEX 383.1SPLOPENG	EUR	14,1000	14,1000	14,1000			14,1000					
Warrant	NL0011844808	AEX 385.2SPLOPENG	EUR	13,8800	13,8800	13,8800			13,8800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011845037	AEX 387.4SPLOPENG	EUR	13,6700	13,6700	13,6700			13,6700					
Warrant	NL0011845029	AEX 389.5SPLOPENG	EUR	13,4500	13,4500	13,4500			13,4500					
Warrant	NL0011845011	AEX 392.8SPLOPENG	EUR	13,1300	13,1300	13,1300			13,1300					
Warrant	NL0011845003	AEX 394.9SPLOPENG	EUR	12,9100	12,9100	12,9100			12,9100					
Warrant	NL0011847249	AEX 397.1SPLOPENG	EUR	12,6900	12,6900	12,6900			12,6900					
Warrant	NL0011847751	AEX 398.2SPLOPENG	EUR	12,5800	12,5800	12,5800			12,5800					
Warrant	NL0011847744	AEX 400.4SPLOPENG	EUR	12,3600	12,3600	12,3600			12,3600					
Warrant	NL0011847736	AEX 401.5SPLOPENG	EUR	12,2500	12,2500	12,2500			12,2500					
Warrant	NL0011847728	AEX 402.6SPLOPENG	EUR	12,1400	12,1400	12,1400			12,1400					
Warrant	NL0011847710	AEX 403.8SPLOPENG	EUR	12,0300	12,0300	12,0300			12,0300					
Warrant	NL0011848205	AEX 404.9SPLOPENG	EUR	11,9200	11,9200	11,9200			11,9200					
Warrant	NL0011848189	AEX 408.2SPLOPENG	EUR	11,5800	11,5800	11,5800			11,5800					
Warrant	NL0011620554	AEX 409.3SPLOPENG	EUR											
Warrant	NL0011848171	AEX 410.5SPLOPENG	EUR	11,3500	11,3500	11,3500			11,3500					
Warrant	NL0011848163	AEX 411.6SPLOPENG	EUR	11,2400	11,2400	11,2400			11,2400					
Warrant	NL0011848478	AEX 412.8SPLOPENG	EUR	11,1300	11,1300	11,1300			11,1300					
Warrant	NL0011850664	AEX 413.9SPLOPENG	EUR	11,0100	11,0100	11,0100			11,0100					
Warrant	NL0011859889	AEX 416.1SPLOPENG	EUR	10,7900	10,7900	10,7900			10,7900					
Warrant	NL0011859871	AEX 418.4SPLOPENG	EUR	10,5700	10,5700	10,5700			10,5700					
Warrant	NL0011617550	AEX 419.4SPLOPENG	EUR											
Warrant	NL0011859863	AEX 420.6SPLOPENG	EUR	10,3400	10,3400	10,3400			10,3400					
Warrant	NL0011859855	AEX 422.9SPLOPENG	EUR	10,1100	10,1100	10,1100			10,1100					
Warrant	NL0011860812	AEX 424.1SPLOPENG	EUR	9,9900	9,9900	9,9900			9,9900					
Warrant	NL0011862115	AEX 425.3SPLOPENG	EUR	9,8800	9,8800	9,8800			9,8800					
Warrant	NL0011862107	AEX 426.4SPLOPENG	EUR	9,7600	9,7600	9,7600			9,7600					
Warrant	NL0011862354	AEX 427.6SPLOPENG	EUR	9,6500	9,6500	9,6500			9,6500					
Warrant	NL0011862347	AEX 428.7SPLOPENG	EUR	9,5300	9,5300	9,5300			9,5300					
Warrant	NL0011862339	AEX 429.9SPLOPENG	EUR	9,4100	9,4100	9,4100			9,4100					
Warrant	NL0011862321	AEX 431.1SPLOPENG	EUR	9,3000	9,3000	9,3000			9,3000					
Warrant	NL0011862313	AEX 432.2SPLOPENG	EUR	9,1800	9,1800	9,1800			9,1800					
Warrant	NL0011862743	AEX 433.4SPLOPENG	EUR	9,0700	9,0700	9,0700			9,0700					
Warrant	NL0011862735	AEX 434.5SPLOPENG	EUR	8,9400	8,9400	8,9400			8,9400					
Warrant	NL0011862925	AEX 435.7SPLOPENG	EUR	8,8300	8,8300	8,8300			8,8300					
Warrant	NL0011862917	AEX 436.9SPLOPENG	EUR	8,7100	8,7100	8,7100			8,7100					
Warrant	NL0011862909	AEX 438.1SPLOPENG	EUR	8,6000	8,6000	8,6000			8,6000					
Warrant	NL0011863097	AEX 439.2SPLOPENG	EUR	8,4800	8,4800	8,4800			8,4800					
Warrant	NL0012061519	AEX 440.4SPLOPENG	EUR	8,3600	8,3600	8,3600			8,3600					
Warrant	NL0012061501	AEX 441.6SPLOPENG	EUR	8,2400	8,2400	8,2400			8,2400					
Warrant	NL0012061493	AEX 442.8SPLOPENG	EUR	8,1200	8,1200	8,1200			8,1200					
Warrant	NL0012061634	AEX 445.2SPLOPENG	EUR	7,8800	7,8800	7,8800			7,8800					
Warrant	NL0011859848	AEX 445.4SPLOPENG	EUR											
Warrant	NL0011853114	AEX 446.2SPLOPENG	EUR											
Warrant	NL0012061881	AEX 446.5SPLOPENG	EUR	7,7600	7,7600	7,7600			7,7600					
Warrant	NL0011859830	AEX 446.6SPLOPENG	EUR											
Warrant	NL0011853106	AEX 447.3SPLOPENG	EUR											
Warrant	NL0012062244	AEX 447.7SPLOPENG	EUR	7,6400	7,6400	7,6400			7,6400					
Warrant	NL0011859822	AEX 447.7SPLOPENG	EUR											
Warrant	NL0011853239	AEX 448.4SPLOPENG	EUR											
Warrant	NL0012062236	AEX 448.9SPLOPENG	EUR	7,5200	7,5200	7,5200			7,5200					
Warrant	NL0011853668	AEX 449.6SPLOPENG	EUR											
Warrant	NL0012062368	AEX 450.1SPLOPENG	EUR	7,9000	7,9000	7,3900	197,5000	1	7,3900	25				
Warrant	NL0011853650	AEX 450.7SPLOPENG	EUR											
Warrant	NL0012062350	AEX 452.5SPLOPENG	EUR	7,1500	7,1500	7,1500			7,1500					
Warrant	NL0012062525	AEX 453.8SPLOPENG	EUR	7,0300	7,0300	7,0300			7,0300					
Warrant	NL0011357348	AEX 455.9SPLOPENG	EUR											
Warrant	NL0012065619	AEX 456.2SPLOPENG	EUR	6,7800	6,7800	6,7800			6,7800					
Warrant	NL0012065601	AEX 458.7SPLOPENG	EUR	6,5400	6,5400	6,5400			6,5400					
Warrant	NL0012065593	AEX 461.2SPLOPENG	EUR	6,2900	6,2900	6,2900			6,2900					
Warrant	NL0012065585	AEX 462.4SPLOPENG	EUR	6,1600	6,1600	6,1600			6,1600					
Warrant	NL0012066047	AEX 463.7SPLOPENG	EUR	6,0400	6,0400	6,0400			6,0400					
Warrant	NL0012066039	AEX 464.9SPLOPENG	EUR	5,9100	5,9100	5,9100			5,9100					
Warrant	NL0012066021	AEX 466.2SPLOPENG	EUR	6,2600	6,2600	5,7900	626,0000	1	5,7900	100				
Warrant	NL0012066328	AEX 467.4SPLOPENG	EUR	5,6600	5,6600	5,6600			5,6600					
Warrant	NL0012066310	AEX 468.7SPLOPENG	EUR	5,5400	5,5400	5,5400			5,5400					
Warrant	NL0012066740	AEX 469.9SPLOPENG	EUR	5,4100	5,4100	5,4100			5,4100					
Warrant	NL0012066732	AEX 472.4SPLOPENG	EUR	5,1600	5,1600	5,1600			5,1600					
Warrant	NL0012066955	AEX 473.7SPLOPENG	EUR	5,0300	5,0300	5,0300			5,0300					
Warrant	NL0012067854	AEX 476.2SPLOPENG	EUR	4,7800	4,7800	4,7800			4,7800					
Warrant	NL0012067847	AEX 478.8SPLOPENG	EUR	4,5200	4,5200	4,5200			4,5200					
Warrant	NL0012067839	AEX 481.4SPLOPENG	EUR	4,2700	4,2700	4,2700			4,2700					
Warrant	NL0012067821	AEX 482.7SPLOPENG	EUR	4,1700	4,1700	4,1400			4,1400					
Warrant	NL0012068597	AEX 485.3SPLOPENG	EUR	3,8800	3,8800	3,8800			3,8800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012068720	AEX 486.6SPLOPENG	EUR	3,7500	3,7500	3,7500			3,7500					
Warrant	NL0012069371	AEX 487.9SPLOPENG	EUR	3,6200	3,6200	3,6200			3,6200					
Warrant	NL0012069926	AEX 489.2SPLOPENG	EUR	3,5400	3,5400	3,4900	708,0000	1	3,4900	200				
Warrant	NL0012070080	AEX 490.5SPLOPENG	EUR	3,4000	3,4000	3,3600			3,3600					
Warrant	NL0012070502	AEX 491.8SPLOPENG	EUR	3,1700	3,2500	3,1200	6360,0000	4	3,2300	2000				
Warrant	NL0012076038	AEX 494.3SPLOPENG	EUR	2,9700	2,9700	2,9700			2,9700					
Warrant	NL0012076020	AEX 495.6SPLOPENG	EUR	2,8400	2,8400	2,8400			2,8400					
Warrant	NL0012079248	AEX 496.9SPLOPENG	EUR	2,7100	2,7100	2,7100			2,7100					
Warrant	NL0012079230	AEX 498.2SPLOPENG	EUR	2,9900	3,0000	2,5800	300,0000	1	2,5800	100				
Warrant	NL0012079982	AEX 499.5SPLOPENG	EUR	2,5000	2,5000	2,4500	2500,0000	1	2,4500	1000				
Warrant	NL0012079974	AEX 500.8SPLOPENG	EUR	2,7300	2,7900	2,3000	552,0000	2	2,3000	200				
Warrant	NL0012079966	AEX 502.1SPLOPENG	EUR	2,1900	2,1900	2,1900			2,1900					
Warrant	NL0012079958	AEX 503.4SPLOPENG	EUR	2,2700	2,2700	2,0600	454,0000	1	2,0600	200				
Warrant	NL0012080279	AEX 504.7SPLOPENG	EUR	2,3200	2,3200	1,9100	238,0200	3	1,9300	112				
Warrant	NL0012473383	AEX 506.1SPLOPENG	EUR	2,2000	2,2000	1,8000	435,0000	2	1,8000	225				
Warrant	NL0012478051	AEX 507.4SPLOPENG	EUR	2,3000	2,3000	1,6700	7844,7000	11	1,6700	3970				
Warrant	NL0012478598	AEX 508.7SPLOPENG	EUR	1,9700	2,1800	1,4200	20370,7800	79	1,5400	10792				
Warrant	NL0012478572	AEX 511.3SPLOPENG	EUR	1,7000	1,8500	1,2700	548,5000	5	1,2700	330				
Warrant	NL0012478564	AEX 512.6SPLOPENG	EUR	1,5500	1,7700	1,0000	26287,7300	41	1,1200	17681				
Warrant	NL0012832927	AEX 513.9SPLOPENG	EUR	1,3900	1,3900	1,0100	496,2300	1	1,0100	357				
Warrant	NL0012478556	AEX 513.9SPLOPENG	EUR											
Warrant	NL0012832919	AEX 515.2SPLOPENG	EUR	0,8800	0,8800	0,8800			0,8800					
Warrant	NL0012478549	AEX 515.2SPLOPENG	EUR											
Warrant	NL0012832901	AEX 516.5SPLOPENG	EUR	0,7500	0,7500	0,7500			0,7500					
Warrant	NL0012478531	AEX 516.5SPLOPENG	EUR											
Warrant	NL0012478523	AEX 517.8SPLOPENG	EUR											
Warrant	NL0012832893	AEX 517.8SPLOPENG	EUR	0,6200	0,6200	0,6200			0,6200					
Warrant	NL0012832885	AEX 519.1SPLOPENG	EUR	0,9500	1,0000	0,4800	659,0400	5	0,4800	818				
Warrant	NL0012479323	AEX 519.1SPLOPENG	EUR											
Warrant	NL0012479638	AEX 520.5SPLOPENG	EUR											
Warrant	NL0012479620	AEX 521.8SPLOPENG	EUR											
Warrant	NL0012479612	AEX 523.2SPLOPENG	EUR											
Warrant	NL0012479752	AEX 524.5SPLOPENG	EUR											
Warrant	NL0012479810	AEX 525.9SPLOPENG	EUR											
Warrant	NL0012064471	AEX 526.5SPSOPENG	EUR											
Warrant	NL0012479802	AEX 527.2SPLOPENG	EUR											
Warrant	NL0012064752	AEX 527.5SPSOPENG	EUR											
Warrant	NL0012479794	AEX 528.5SPLOPENG	EUR											
Warrant	NL0012479786	AEX 529.9SPLOPENG	EUR											
Warrant	NL0012479778	AEX 531.2SPLOPENG	EUR											
Warrant	NL0012832422	AEX 531.6SPSOPENG	EUR											
Warrant	NL0012480479	AEX 532.6SPLOPENG	EUR											
Warrant	NL0012480453	AEX 534.7SPLOPENG	EUR											
Warrant	NL0012830624	AEX 535.3SPLOPENG	EUR											
Warrant	NL0012832430	AEX 535.6SPSOPENG	EUR	0,9900	1,5000	0,8000	24851,0600	43	1,4100	21345				
Warrant	NL0012480446	AEX 536.1SPLOPENG	EUR											
Warrant	NL0012830616	AEX 536.6SPLOPENG	EUR											
Warrant	NL0012481048	AEX 538.1SPLOPENG	EUR											
Warrant	NL0012830855	AEX 539.3SPLOPENG	EUR											
Warrant	NL0012481030	AEX 539.4SPLOPENG	EUR											
Warrant	NL0012832448	AEX 539.7SPSOPENG	EUR	1,5000	1,8600	1,2700	12169,0000	13	1,8300	7091				
Warrant	NL0012830848	AEX 540.7SPLOPENG	EUR											
Warrant	NL0012818942	AEX 540.8SPLOPENG	EUR											
Warrant	NL0012833024	AEX 541.2SPSOPENG	EUR	1,9900	1,9900	1,9900			1,9900					
Warrant	NL0012823637	AEX 542.1SPLOPENG	EUR											
Warrant	NL0012833032	AEX 543.2SPSOPENG	EUR	2,1900	2,1900	2,1900			2,1900					
Warrant	NL0012823629	AEX 543.5SPLOPENG	EUR											
Warrant	NL0012823983	AEX 544.8SPLOPENG	EUR											
Warrant	NL0012832455	AEX 545.1SPSOPENG	EUR	2,3800	2,3800	2,3800			2,3800					
Warrant	NL0012824163	AEX 546.2SPLOPENG	EUR											
Warrant	NL0012828800	AEX 546.2SPSOPENG	EUR											
Warrant	NL0012828818	AEX 547.5SPSOPENG	EUR											
Warrant	NL0012824551	AEX 547.6SPLOPENG	EUR											
Warrant	NL0012831739	AEX 547.9SPSOPENG	EUR	1,9900	2,6500	1,9900	1647,0000	2	2,6500	800				
Warrant	NL0012828826	AEX 548.9SPSOPENG	EUR											
Warrant	NL0012833040	AEX 549.5SPSOPENG	EUR	2,8200	2,8200	2,8200			2,8200					
Warrant	NL0012828289	AEX 550.3SPLOPENG	EUR											
Warrant	NL0012828834	AEX 550.3SPSOPENG	EUR											
Warrant	NL0012824536	AEX 550.4SPLOPENG	EUR											
Warrant	NL0012828842	AEX 551.5SPSOPENG	EUR											
Warrant	NL0012828503	AEX 551.7SPLOPENG	EUR											
Warrant	NL0012824908	AEX 551.9SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument 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	NL0012828859	AEX 552.8SPSOPENG	EUR											
Warrant	NL0012824890	AEX 553.3SPLOPENG	EUR											
Warrant	NL0012828867	AEX 554.1SPSOPENG	EUR											
Warrant	NL0012824882	AEX 554.7SPLOPENG	EUR											
Warrant	NL0012828875	AEX 554.8SPSOPENG	EUR	3,3400	3,3400	3,3400			3,3400					
Warrant	NL0012825285	AEX 556.1SPLOPENG	EUR											
Warrant	NL0012828883	AEX 556.2SPSOPENG	EUR	3,2300	3,5000	3,2300	48,4500	1	3,5000	15				
Warrant	NL0012825301	AEX 557.5SPLOPENG	EUR											
Warrant	NL0012828891	AEX 557.6SPSOPENG	EUR	3,2300	3,6800	3,0800	3487,5000	7	3,6300	1050				
Warrant	NL0012825665	AEX 560.4SPLOPENG	EUR											
Warrant	NL0012828917	AEX 560.4SPSOPENG	EUR	3,9100	3,9100	3,9100			3,9100					
Warrant	NL0012826473	AEX 561.8SPLOPENG	EUR											
Warrant	NL0012828925	AEX 561.8SPSOPENG	EUR	3,8100	4,0500	3,8100	1333,5000	1	4,0500	350				
Warrant	NL0012828933	AEX 563.2SPSOPENG	EUR	4,2000	4,2000	4,2000			4,2000					
Warrant	NL0012827349	AEX 564.7SPSOPENG	EUR	4,3300	4,3300	4,3300	8660,0000	2	4,3300	2000				
Warrant	NL0012827356	AEX 566.1SPSOPENG	EUR	4,4800	4,4800	4,4800			4,4800					
Warrant	NL0012827364	AEX 567.5SPSOPENG	EUR	4,6200	4,6200	4,6200			4,6200					
Warrant	NL0012827372	AEX 568.9SPSOPENG	EUR	4,7600	4,7600	4,7600			4,7600					
Warrant	NL0012827380	AEX 570.4SPSOPENG	EUR	4,9000	4,9000	4,9000			4,9000					
Warrant	NL0012818918	AEX 571.8SPSOPENG	EUR	5,0500	5,0500	5,0500			5,0500					
Warrant	NL0012818926	AEX 573.3SPSOPENG	EUR	5,2000	5,2000	5,2000			5,2000					
Warrant	NL0012071948	AEX 574.8SPSOPENG	EUR	5,3300	5,3300	5,3300			5,3300					
Warrant	NL0012818900	AEX 575.3SPSOPENG	EUR											
Warrant	NL0012072805	AEX 585.3SPSOPENG	EUR	6,2900	6,3800	6,2900	1903,0000	2	6,3800	300				
Warrant	NL0012078257	AEX 600.5SPSOPENG	EUR	7,9200	7,9200	7,9200			7,9200					
Warrant	NL0012463160	AEX 602.1SPSOPENG	EUR	8,0800	8,0800	8,0800			8,0800					
Warrant	NL0012463178	AEX 605.2SPSOPENG	EUR	8,3900	8,3900	8,3900			8,3900					
Warrant	NL0012463186	AEX 608.3SPSOPENG	EUR	8,7000	8,7000	8,7000			8,7000					
Warrant	NL0012463517	AEX 611.7SPSOPENG	EUR	9,0300	9,0300	9,0300			9,0300					
Warrant	NL0012463525	AEX 614.8SPSOPENG	EUR	9,3500	9,3500	9,3500			9,3500					
Warrant	NL0012463665	AEX 619.5SPSOPENG	EUR	9,8200	9,8200	9,8200			9,8200					
Warrant	NL0012464499	AEX 624.3SPSOPENG	EUR	10,3000	10,3000	10,3000			10,3000					
Warrant	NL0012464507	AEX 627.5SPSOPENG	EUR	10,6200	10,6200	10,6200			10,6200					
Warrant	NL0012468086	AEX 632.4SPSOPENG	EUR	11,1000	11,1000	11,1000			11,1000					
Warrant	NL0012470074	AEX 635.6SPSOPENG	EUR	11,4300	11,4300	11,4300			11,4300					
Warrant	NL0012470538	AEX 638.9SPSOPENG	EUR	11,7500	11,7500	11,7500			11,7500					
Warrant	NL0012470546	AEX 642.1SPSOPENG	EUR	12,0800	12,0800	12,0800			12,0800					
Warrant	NL0012471254	AEX 645.5SPSOPENG	EUR	12,4100	12,4100	12,4100			12,4100					
Warrant	NL0012471262	AEX 648.8SPSOPENG	EUR	12,7400	12,7400	12,7400			12,7400					
Warrant	NL0012480917	AEX 652.1SPSOPENG	EUR	13,0700	13,0700	13,0700			13,0700					
Warrant	NL0012480925	AEX 655.4SPSOPENG	EUR	13,4000	13,4000	13,4000			13,4000					
Warrant	NL0012825327	AEX 660.3SPSOPENG	EUR	13,9000	13,9000	13,9000			13,9000					
Warrant	NL0012826481	AEX 663.6SPSOPENG	EUR	14,2300	14,2300	14,2300			14,2300					
Warrant	NL0009901826	AGEAS 0.71SPLOPENG	EUR	4,4000	4,4200	4,4000			4,4200					
Warrant	NL0010206389	AGEAS 8.16SPLOPENG	EUR	3,7100	3,7300	3,7100			3,7300					
Warrant	NL0010211785	AGEAS 9.49SPLOPENG	EUR	3,6000	3,6200	3,6000			3,6200					
Warrant	NL0010217345	AGEAS10.92SPLOPENG	EUR	3,4700	3,4900	3,4700			3,4900					
Warrant	NL0010361176	AGEAS17.61SPLOPENG	EUR	28,4300	28,6000	28,4300			28,6000					
Warrant	NL0010941076	AGEAS19.34SPLOPENG	EUR	26,8500	27,0200	26,8500			27,0200					
Warrant	NL0010949459	AGEAS21.19SPLOPENG	EUR	25,1600	25,3300	25,1600			25,3300					
Warrant	NL0011014410	AGEAS23.18SPLOPENG	EUR	23,3800	23,5500	23,3800			23,5500					
Warrant	NL0011028964	AGEAS25.31SPLOPENG	EUR	21,4400	21,6100	21,4400			21,6100					
Warrant	NL0012063168	AGEAS31.91SPLOPENG	EUR	15,4400	15,6100	15,4400			15,6100					
Warrant	NL0012470629	AGEAS36.85SPLOPENG	EUR	10,9500	11,1200	10,9500			11,1200					
Warrant	NL0012477327	AGEAS39.55SPLOPENG	EUR	8,4800	8,6500	8,4800			8,6500					
Warrant	NL0012825947	AGEAS42.32SPLOPENG	EUR	5,9600	6,1300	5,9600			6,1300					
Warrant	NL0009884725	AGFA 1SPLOPENG	EUR	3,0000	3,1100	3,0000			3,1100					
Warrant	NL0009884881	AGFA 0.9SPLOPENG	EUR	3,1300	3,2400	3,1300			3,2400					
Warrant	NL0012469688	AGFA 5.4SPSOPENG	EUR	2,1900	2,1900	2,0700			2,0700					
Warrant	NL0010465951	AGFA 1.48SPLOPENG	EUR	2,5600	2,6700	2,5600			2,6700					
Warrant	NL0010596326	AGFA 1.77SPLOPENG	EUR	2,2900	2,4000	2,2900			2,4000					
Warrant	NL0011208368	AGFA 2.13SPLOPENG	EUR	1,9700	2,0800	1,9700			2,0800					
Warrant	NL0011201702	AGFA 2.32SPLOPENG	EUR	1,7500	1,8600	1,7500			1,8600					
Warrant	NL0011366935	AGFA 2.54SPLOPENG	EUR	1,5800	1,6900	1,5800			1,6900					
Warrant	NL0012468912	AGFA 2.77SPLOPENG	EUR	1,3500	1,4600	1,3500			1,4600					
Warrant	NL0012820633	AGFA 3.03SPLOPENG	EUR	1,1500	1,2600	1,1500			1,2600					
Warrant	NL0012823058	AGFA 3.31SPLOPENG	EUR	0,8900	1,0000	0,8900			1,0000					
Warrant	NL0012823041	AGFA 3.59SPLOPENG	EUR											
Warrant	NL0012828743	AGFA 3.61SPLOPENG	EUR											
Warrant	NL0012826515	AGFA 3.92SPLOPENG	EUR											
Warrant	NL0012471007	AGFA 4.32SPSOPENG	EUR	0,9900	0,9900	0,8800			0,8800					
Warrant	NL0012468920	AGFA 4.87SPSOPENG	EUR	1,6000	1,6000	1,4800			1,4800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0010353256	AHOLD 9SPLOPENG	EUR	11,4900	11,6300	11,4900			11,6300					
Warrant	DE000CV894Y8	AHOLD 18C 1218Z	EUR	2,1200	2,1200	2,1200			2,1200					
Warrant	NL0012478911	AHOLD 18SPLOPENG	EUR	3,0600	3,2000	3,0600								
Warrant	DE000CJ3N9J5	AHOLD 20C 0319Z	EUR	1,0250	1,0250	1,0250								
Warrant	DE000CV894Z5	AHOLD 20C 1218Z	EUR	0,6750	0,6750	0,6750								
Warrant	DE000CV8AMT8	AHOLD 22C 1218Z	EUR	0,1250	0,1250	0,1250								
Warrant	DE000CV8AMU6	AHOLD 24C 1218Z	EUR	0,0360	0,0360	0,0360								
Warrant	DE000CV8AMW2	AHOLD 25C 0319Z	EUR	0,0710	0,0710	0,0710								
Warrant	DE000CV8AMV4	AHOLD 25C 1218Z	EUR	0,0220	0,0220	0,0220								
Warrant	NL0006420770	AHOLD 2.4SPLOPENG	EUR	17,5900	17,7200	17,5900								
Warrant	NL0009113380	AHOLD 4.8SPLOPENG	EUR	15,3000	15,5300	15,3000	7143,8000	1	15,4400	460				
Warrant	NL0009882711	AHOLD 6.2SPLOPENG	EUR	14,0400	14,1700	14,0400								
Warrant	NL0010084752	AHOLD 6.7SPLOPENG	EUR	13,5900	13,7300	13,5900								
Warrant	NL0010345864	AHOLD 8.1SPLOPENG	EUR	12,2600	12,4000	12,2600								
Warrant	NL0010468195	AHOLD 9.8SPLOPENG	EUR	10,7100	10,8400	10,7100								
Warrant	NL0010940045	AHOLD 10.6SPLOPENG	EUR	9,9200	10,0600	9,9200								
Warrant	NL0010940987	AHOLD 11.4SPLOPENG	EUR	8,3500	8,4800	8,3500								
Warrant	NL0010944369	AHOLD 11.5SPLOPENG	EUR	9,0400	9,1700	9,0400								
Warrant	NL0010947206	AHOLD 12.1SPLOPENG	EUR	7,7800	7,9200	7,7800								
Warrant	NL0010962544	AHOLD 12.5SPLOPENG	EUR	8,1200	8,2600	8,1200								
Warrant	NL0010968699	AHOLD 13.6SPLOPENG	EUR	7,1500	7,2800	7,1500								
Warrant	NL0012079065	AHOLD 14.3SPLOPENG	EUR	5,5700	5,7000	5,5700								
Warrant	NL0012080683	AHOLD 14.6SPLOPENG	EUR	6,2200	6,3600	6,2200								
Warrant	NL0012465033	AHOLD 15.6SPLOPENG	EUR	5,2200	5,3600	5,2200								
Warrant	NL0012472351	AHOLD 16.7SPLOPENG	EUR	3,1700	3,3000	3,1700								
Warrant	NL0012474639	AHOLD 16.8SPLOPENG	EUR	4,2000	4,3300	4,2000								
Warrant	NL0012821391	AHOLD 19.2SPLOPENG	EUR											
Warrant	NL0012824445	AHOLD 20.6SPLOPENG	EUR											
Warrant	NL0012828214	AHOLD 20.6SPLOPENG	EUR											
Warrant	NL0012832232	AHOLD 20.7SPSOPENG	EUR	2,7700	2,7700	2,6300								
Warrant	NL0012479729	AHOLD 22.8SPSOPENG	EUR	5,0000	5,0000	4,8600								
Warrant	NL0010603734	AHOLD 8.89SPLOPENG	EUR	10,9600	11,1000	10,9600								
Warrant	NL0010589784	AHOLD 9.48SPLOPENG	EUR	10,3300	10,4700	10,3300								
Warrant	NL0010589776	AHOLD10.12SPLOPENG	EUR	9,7400	9,8700	9,7400								
Warrant	NL0010940003	AHOLD10.74SPLOPENG	EUR	9,1600	9,3000	9,1600								
Warrant	NL0010962684	AHOLD12.82SPLOPENG	EUR	7,0300	7,1700	7,0300								
Warrant	NL0010967246	AHOLD13.58SPLOPENG	EUR	6,2100	6,5000	6,2100	6500,0000	2	6,3500	1000				
Warrant	NL0012079578	AHOLD13.89SPLOPENG	EUR	5,9600	6,0900	5,9600								
Warrant	NL0012462899	AHOLD15.06SPLOPENG	EUR	4,7900	4,9300	4,7900								
Warrant	NL0012464978	AHOLD15.85SPLOPENG	EUR	4,0000	4,1400	4,0000								
Warrant	NL0012476402	AHOLD17.56SPLOPENG	EUR	2,2900	2,4300	2,2900								
Warrant	NL0012478721	AHOLD18.49SPLOPENG	EUR	1,3600	1,6400	1,3600	4141,5300	3	1,4900	2699				
Warrant	NL0012820930	AHOLD19.39SPLOPENG	EUR											
Warrant	NL0012823991	AHOLD20.33SPLOPENG	EUR											
Warrant	NL0012827703	AHOLD20.37SPLOPENG	EUR											
Warrant	NL0012830012	AHOLD20.89SPSOPENG	EUR	1,2800	1,2800	1,0800	2160,0000	1	1,1400	2000				
Warrant	NL0011850409	AHOLD22.47SPSOPENG	EUR	2,8600	2,8600	2,7200								
Warrant	NL0012824718	AHOLD24.04SPSOPENG	EUR	4,4300	4,4300	4,2900								
Warrant	DE000CV8AMD2	AIRFR 9C 0319Z	EUR	0,7200	0,7200	0,7200								
Warrant	NL0012480073	AIRFR 9SPSOPENG	EUR											
Warrant	DE000CV8APU9	AIRFR 10C 0319Z	EUR	0,4250	0,4250	0,4250								
Warrant	NL0012470991	AIRFR 13SPSOPENG	EUR	6,4100	6,4100	6,0800								
Warrant	NL0009885516	AIRFR 3.2SPLOPENG	EUR	5,3600	5,6700	5,3600								
Warrant	NL0010104337	AIRFR 3.7SPLOPENG	EUR	4,9000	5,2000	4,9000								
Warrant	NL0010207023	AIRFR 4.7SPLOPENG	EUR	4,0200	4,3300	4,0200								
Warrant	NL0012826259	AIRFR 7.3SPLOPENG	EUR	0,9900	1,3000	0,9900								
Warrant	DE000CV89556	AIRFR 7.5C 1218Z	EUR	1,3150	1,3150	1,3150								
Warrant	NL0012819999	AIRFR 8.1SPSOPENG	EUR											
Warrant	DE000CJ3N898	AIRFR 8.2C 0319Z	EUR	1,0850	1,0850	1,0850								
Warrant	DE000CV8AMB6	AIRFR 8.5C 1218Z	EUR	0,7000	0,7000	0,7000								
Warrant	NL0010955654	AIRFR 8.5SPSOPENG	EUR											
Warrant	NL0012832364	AIRFR 8.9SPSOPENG	EUR	1,8300	1,8300	1,5100								
Warrant	NL0012829485	AIRFR 8.9SPSOPENG	EUR											
Warrant	NL0012477913	AIRFR 9.3SPSOPENG	EUR											
Warrant	DE000CV8AMC4	AIRFR 9.5C 1218Z	EUR	0,3450	0,3450	0,3450								
Warrant	NL0012477368	AIRFR 9.8SPSOPENG	EUR	2,8200	2,8200	2,5000								
Warrant	DE000CV8B227	AIRFR 10.5C 1218Z	EUR	0,1750	0,1750	0,1750								
Warrant	NL0012476295	AIRFR 10.8SPSOPENG	EUR	3,9000	3,9000	3,5800								
Warrant	NL0012474779	AIRFR 11.9SPSOPENG	EUR	5,0900	5,0900	4,7700								
Warrant	NL0012469423	AIRFR 13.4SPSOPENG	EUR	5,3600	5,3600	5,0400								
Warrant	NL0011855051	AIRFR 4.22SPLOPENG	EUR	4,0800	4,3800	4,0800								
Warrant	NL0011852769	AIRFR 4.43SPLOPENG	EUR	3,8600	4,1700	3,8600								



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011850557	AIRFR 4.64SPLOPENG	EUR	3,6500	3,9600	3,6500			3,9600					
Warrant	NL0011857552	AIRFR 4.88SPLOPENG	EUR	3,4100	3,7200	3,4100			3,7200					
Warrant	NL0012065965	AIRFR 5.14SPLOPENG	EUR	3,1600	3,5400	3,1600	177,0000	1	3,4600	50				
Warrant	NL0012066195	AIRFR 5.97SPLOPENG	EUR	2,3300	2,6300	2,3300			2,6300					
Warrant	NL0012066799	AIRFR 6.28SPLOPENG	EUR	2,0100	2,4800	2,0100	2480,0000	1	2,3200	1000				
Warrant	NL0012067409	AIRFR 6.61SPLOPENG	EUR	1,6800	2,0700	1,6800	3737,6000	3	1,9800	1880				
Warrant	DE000CV89549	AIRFR 6.75C 1218Z	EUR	1,9200	1,9200	1,9200			1,9200					
Warrant	NL0012823777	AIRFR 6.95SPLOPENG	EUR	1,3500	1,7400	1,3500	2088,0000	1	1,6400	1200				
Warrant	NL0012826382	AIRFR 7.68SPLOPENG	EUR	0,6100	1,1100	0,6100	8315,0000	4	0,9100	8000				
Warrant	NL0012818645	AIRFR 8.02SPSOPENG	EUR											
Warrant	NL0012826374	AIRFR 8.06SPLOPENG	EUR											
Warrant	NL0012829261	AIRFR 8.08SPLOPENG	EUR											
Warrant	NL0010955191	AIRFR 8.47SPSOPENG	EUR											
Warrant	NL0012827430	AIRFR 8.48SPLOPENG	EUR											
Warrant	NL0012826366	AIRFR 8.48SPLOPENG	EUR											
Warrant	NL0012831879	AIRFR 8.49SPLOPENG	EUR											
Warrant	NL0012831267	AIRFR 8.49SPLOPENG	EUR											
Warrant	NL0012830111	AIRFR 8.49SPLOPENG	EUR											
Warrant	NL0012832117	AIRFR 8.61SPSOPENG	EUR	0,5700	0,5700	0,5700			0,5700					
Warrant	NL0010753190	AIRFR 8.86SPSOPENG	EUR											
Warrant	NL0012827745	AIRFR 8.92SPLOPENG	EUR											
Warrant	NL0012829279	AIRFR 9.27SPSOPENG	EUR	1,2300	1,2300	0,9100			0,9100					
Warrant	NL0012477517	AIRFR 9.99SPSOPENG	EUR	1,9400	1,9400	1,6200			1,6200					
Warrant	NL0012474548	AIRFR10.75SPSOPENG	EUR	2,7100	2,7100	2,3900			2,3900					
Warrant	NL0012473078	AIRFR11.58SPSOPENG	EUR	3,5400	3,5400	3,2100			3,2100					
Warrant	NL0012472393	AIRFR12.46SPSOPENG	EUR	4,4200	4,4200	4,0900			4,0900					
Warrant	NL0012078448	AIRFR14.42SPSOPENG	EUR	6,3800	6,3800	6,0500			6,0500					
Warrant	NL0010528501	AKZO 34SPLOPENG	EUR	42,8600	42,8600	42,8600			42,8600					
Warrant	NL0012476709	AKZO 84SPSOPENG	EUR	16,4400	16,4400	16,4400			16,4400					
Warrant	NL0009879162	AKZO 7.45PLOPENG	EUR	67,6300	67,6300	67,6300			67,6300					
Warrant	NL0010085577	AKZO 23.8SPLOPENG	EUR	52,3600	52,3600	52,3600			52,3600					
Warrant	NL0010216354	AKZO 30.8SPLOPENG	EUR	45,7900	45,7900	45,7900			45,7900					
Warrant	NL0010939047	AKZO 40.8SPLOPENG	EUR	36,5000	36,5000	36,5000			36,5000					
Warrant	NL0011624648	AKZO 44.4SPLOPENG	EUR	33,1800	33,1800	33,1800			33,1800					
Warrant	NL0011854823	AKZO 48.1SPLOPENG	EUR	29,7100	29,7100	29,7100			29,7100					
Warrant	NL0012064067	AKZO 52.3SPLOPENG	EUR	22,3500	22,3500	22,3500			22,3500					
Warrant	NL0012067979	AKZO 60.8SPLOPENG	EUR	17,8600	17,8600	17,8600			17,8600					
Warrant	NL0012071047	AKZO 62.9SPLOPENG	EUR	11,7300	11,7300	11,7300			11,7300					
Warrant	NL0012467773	AKZO 69.9SPLOPENG	EUR	9,4200	9,4200	9,4200			9,4200					
Warrant	NL0012825202	AKZO 74.8SPLOPENG	EUR											
Warrant	NL0010939609	AKZO 41.48SPLOPENG	EUR	33,1900	33,1900	33,1900			33,1900					
Warrant	NL0011620729	AKZO 44.04SPLOPENG	EUR	30,6200	30,6200	30,6200			30,6200					
Warrant	NL0011845540	AKZO 46.66SPLOPENG	EUR	28,0000	28,0000	28,0000			28,0000					
Warrant	NL0011850417	AKZO 49.42SPLOPENG	EUR	25,2300	25,2300	25,2300			25,2300					
Warrant	NL0012067367	AKZO 55.31SPLOPENG	EUR	19,3300	19,3300	19,3300			19,3300					
Warrant	NL0012069538	AKZO 58.48SPLOPENG	EUR	16,1500	16,1500	16,1500			16,1500					
Warrant	NL0012077549	AKZO 66.39SPLOPENG	EUR	8,2800	8,2800	8,2800			8,2800					
Warrant	NL0012078307	AKZO 70.05SPLOPENG	EUR	4,6200	4,6200	4,6200			4,6200					
Warrant	NL0012824726	AKZO 73.55SPLOPENG	EUR											
Warrant	NL0012825731	AKZO 77.19SPLOPENG	EUR											
Warrant	NL0012068837	AKZO 82.57SPSOPENG	EUR											
Warrant	NL0012829055	AKZO 88.18SPSOPENG	EUR	14,0500	14,0500	14,0500			14,0500					
Warrant	NL0010740171	ALPHA 470SPLOPENG	EUR	56,9000	56,9000	56,9000			56,9000					
Warrant	NL0010693289	ALPHA 506SPLOPENG	EUR	54,0200	54,0200	54,0200			54,0200					
Warrant	NL0010693305	ALPHA 541SPLOPENG	EUR	51,1600	51,1600	51,1600			51,1600					
Warrant	NL0011301734	ALPHA 579SPLOPENG	EUR	48,0900	48,0900	48,0900			48,0900					
Warrant	NL0011474739	ALPHA 662SPLOPENG	EUR	41,3100	41,3100	41,3100			41,3100					
Warrant	NL0010739884	ALPHA483.4SPLOPENG	EUR	53,3100	53,3100	53,3100			53,3100					
Warrant	NL0010693339	ALPHA508.9SPLOPENG	EUR	51,0800	51,0800	51,0800			51,0800					
Warrant	NL0011019039	ALPHA561.25PLOPENG	EUR	46,5200	46,5200	46,5200			46,5200					
Warrant	NL0011303540	ALPHA589.3SPLOPENG	EUR	44,0800	44,0800	44,0800			44,0800					
Warrant	NL0011477195	ALPHA649.7SPLOPENG	EUR	38,8100	38,8100	38,8100			38,8100					
Warrant	NL0011633052	ALPHA696.4SPLOPENG	EUR											
Warrant	NL0011845565	ALPHA716.3SPLOPENG	EUR	33,0100	33,0100	33,0100			33,0100					
Warrant	NL0011850094	ALPHA752.1SPLOPENG	EUR	29,8900	29,8900	29,8900			29,8900					
Warrant	DE000CJ3N9N7	ALPHC 1200C 0319Z	EUR	0,3250	0,3250	0,3250			0,3250					
Warrant	DE000CJ3N9M9	ALPHC 1200C 1218Z	EUR	0,1350	0,1350	0,1350			0,1350					
Warrant	DE000CJ3N9P2	ALPHC 1250C 0319Z	EUR	0,2150	0,2150	0,2150			0,2150					
Warrant	DE000CV8AU56	ALPHC 1300C 1218Z	EUR	0,0310	0,0310	0,0310			0,0310					
Warrant	DE000CV8AU14	ALPHC 1400C 0319Z	EUR	0,0510	0,0510	0,0510			0,0510					
Warrant	DE000CV8ASP3	ALPHC 1400C 1218Z	EUR	0,0150	0,0150	0,0150			0,0150					
Warrant	NL0012466379	ALTIA 1.3SPLOPENG	EUR	5,2000	5,3300	5,2000			5,3300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012820450	ALTIA 2.35PLOPENG	EUR											
Warrant	NL0012828206	ALTIA 2.55PLOPENG	EUR											
Warrant	NL0012466700	ALTIA 1.065PLOPENG	EUR	6,6300	6,7600	6,6300			6,7600					
Warrant	NL0012466486	ALTIA 1.215PLOPENG	EUR	5,6200	5,7500	5,6200			5,7500					
Warrant	NL0012467211	ALTIA 1.315PLOPENG	EUR	5,5500	5,6800	5,5500			5,6800					
Warrant	NL0012820369	ALTIA 1.725PLOPENG	EUR	0,7800	0,8000	0,7800			0,8000					
Warrant	NL0012820419	ALTIA 1.735PLOPENG	EUR	0,8000	0,8200	0,8000			0,8200					
Warrant	NL0012820377	ALTIA 1.875PLOPENG	EUR	0,6300	0,7100	0,6300	280,0000	3	0,6500	400				
Warrant	NL0012820401	ALTIA 1.995PLOPENG	EUR	0,5700	0,6900	0,5700	124,2000	1	0,6000	180				
Warrant	NL0012820476	ALTIA 2.025PLOPENG	EUR	0,4500	0,5300	0,4500	4618,5000	6	0,4800	9150				
Warrant	NL0012831234	ALTIA 2.125PLOPENG	EUR	0,4500	0,4700	0,4500			0,4700					
Warrant	NL0012820393	ALTIA 2.135PLOPENG	EUR											
Warrant	NL0012820468	ALTIA 2.165PLOPENG	EUR											
Warrant	NL0012831275	ALTIA 2.195PLOPENG	EUR	0,3400	0,4200	0,3400	798,0000	4	0,3600	2000				
Warrant	NL0012832760	ALTIA 2.285PLOPENG	EUR	0,3100	0,3300	0,3100			0,3300					
Warrant	NL0012827257	ALTIA 2.285PLOPENG	EUR											
Warrant	NL0012831606	ALTIA 2.285PLOPENG	EUR											
Warrant	NL0012828164	ALTIA 2.325PLOPENG	EUR											
Warrant	NL0012826416	ALTIA 2.325PLOPENG	EUR											
Warrant	NL0012831390	ALTIA 2.365PLOPENG	EUR											
Warrant	NL0012820385	ALTIA 2.445PLOPENG	EUR											
Warrant	NL0012827992	ALTIA 2.465PLOPENG	EUR											
Warrant	NL0012820443	ALTIA 2.485PLOPENG	EUR											
Warrant	NL0012820666	ALTIA 2.625PLOPENG	EUR											
Warrant	NL0012828248	ALTIA 2.625PLOPENG	EUR											
Warrant	NL0012829824	ALTIA 2.625PSOPENG	EUR	0,4400	0,4400	0,3400	822,0000	2	0,4100	2300				
Warrant	NL0012820435	ALTIA 2.655PLOPENG	EUR											
Warrant	NL0012827448	ALTIA 3.095PSOPENG	EUR	0,9100	0,9100	0,8900			0,8900					
Warrant	NL0012831614	ALTIA 3.125PSOPENG	EUR	1,1500	1,1500	1,1300			1,1300					
Warrant	NL0012824254	ALTIA 3.645PSOPENG	EUR	1,4600	1,4600	1,4400			1,4400					
Warrant	NL0012821078	ALTIA 3.675PSOPENG	EUR	1,7700	1,7700	1,7400			1,7400					
Warrant	NL0012823108	ALTIA 4.225PSOPENG	EUR	2,3800	2,3800	2,3500			2,3500					
Warrant	NL0010532727	AMAZO 2665PLOPENG	EUR	134,8500	134,8500	134,8500			134,8500					
Warrant	NL0010528014	AMAZO 2865PLOPENG	EUR	133,2500	133,2500	133,2500			133,2500					
Warrant	NL0010528006	AMAZO 3085PLOPENG	EUR	131,5000	131,5000	131,5000			131,5000					
Warrant	NL0011631486	AMAZO 6485PLOPENG	EUR	103,9500	103,9500	103,9500			103,9500					
Warrant	NL0011632245	AMAZO 6935PLOPENG	EUR	100,2500	100,2500	100,2500			100,2500					
Warrant	NL0011848726	AMAZO 7415PLOPENG	EUR	96,3100	96,3100	96,3100			96,3100					
Warrant	DE000CV506Q4	AMAZO 1400C 0319Z	EUR	19,4200	19,4200	19,4200			19,4200					
Warrant	DE000CV506N1	AMAZO 1450C 0619Z	EUR	19,1800	19,1800	19,1800			19,1800					
Warrant	DE000CV506R2	AMAZO 1550C 0319Z	EUR	14,2700	14,2700	14,2700			14,2700					
Warrant	DE000CV506P6	AMAZO 1550C 0619Z	EUR	16,0500	16,0500	16,0500			16,0500					
Warrant	DE000CV8AJV0	AMAZO 1800C 1218Z	EUR	0,9850	0,9850	0,9850			0,9850					
Warrant	DE000CJ3N9Q0	AMAZO 1900C 0319Z	EUR	1,1050	1,1050	1,1050			1,1050					
Warrant	DE000CV8AJW8	AMAZO 2000C 1218Z	EUR	0,3550	0,3550	0,3550			0,3550					
Warrant	DE000CV8AJX6	AMAZO 2050C 0319Z	EUR	0,6650	0,6650	0,6650			0,6650					
Warrant	DE000CV88672	AMAZO 2200C 1218Z	EUR	0,0970	0,0970	0,0970			0,0970					
Warrant	DE000CV89572	AMG 45C 1218Z	EUR	0,3050	0,3050	0,3050			0,3050					
Warrant	DE000CV89580	AMG 50C 1218Z	EUR	0,1450	0,1450	0,1450			0,1450					
Warrant	NL0012830939	AMG 33.25PLOPENG	EUR	9,7700	9,7700	9,7700			9,7700					
Warrant	NL0012832778	AMG 35.75PLOPENG	EUR	7,6800	7,6800	7,4500	537,6000	1	7,4500	70				
Warrant	NL0012830921	AMG 35.95PLOPENG	EUR											
Warrant	NL0012833016	AMG 38.45PLOPENG	EUR	4,9600	4,9600	4,9600			4,9600					
Warrant	NL0012830947	AMG 44.45PSOPENG	EUR	7,6100	7,6100	7,6100			7,6100					
Warrant	NL0009107564	AMX 2395PLOPENG	EUR	51,8700	52,2400	51,8700			52,2400					
Warrant	NL0009111566	AMX 2815PLOPENG	EUR	47,9800	48,3500	47,9800			48,3500					
Warrant	NL0009112648	AMX 3225PLOPENG	EUR	44,0000	44,3800	44,0000			44,3800					
Warrant	NL0009905470	AMX 3925PLOPENG	EUR	37,3700	37,7500	37,3700			37,7500					
Warrant	NL0010204996	AMX 4435PLOPENG	EUR	32,5600	32,9300	32,5600			32,9300					
Warrant	NL0010362885	AMX 4695PLOPENG	EUR	30,0100	30,3900	30,0100			30,3900					
Warrant	NL0010829644	AMX 4965PLOPENG	EUR	27,4500	27,8300	27,4500			27,8300					
Warrant	NL0010830840	AMX 5245PLOPENG	EUR	24,7600	25,1400	24,7600			25,1400					
Warrant	NL0011848080	AMX 5835PLOPENG	EUR	19,2100	19,5900	19,2100			19,5900					
Warrant	NL0011861836	AMX 6145PLOPENG	EUR	16,2600	16,6400	16,2600			16,6400					
Warrant	NL0012063564	AMX 6465PLOPENG	EUR	13,1600	13,5300	13,1600			13,5300					
Warrant	NL0012065833	AMX 6805PLOPENG	EUR	9,9000	10,2800	9,9000			10,2800					
Warrant	NL0012070684	AMX 7165PLOPENG	EUR	6,5000	6,8800	6,5000			6,8800					
Warrant	NL0012820336	AMX 7525PLOPENG	EUR											
Warrant	NL0012074827	AMX 8385PSOPENG	EUR	13,6200	13,6200	13,2400			13,2400					
Warrant	NL0012470405	AMX 8805PSOPENG	EUR	18,0900	18,0900	17,7200			17,7200					
Warrant	NL0011850854	APPLE 1025PLOPENG	EUR	106,6000	106,6000	106,6000			106,6000					
Warrant	DE000CV896V9	APPLE 180C 1218Z	EUR	1,6900	1,6900	1,6900			1,6900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	DE000CV896W7	APPLE 200C 1218Z	EUR	0,9550	0,9550	0,9550			0,9550					
Warrant	DE000CV8AJY4	APPLE 220C 1218Z	EUR	0,3950	0,3950	0,3950			0,3950					
Warrant	DE000CJ3N9R8	APPLE 230C 0319Z	EUR	0,4250	0,4250	0,4250			0,4250					
Warrant	DE000CV8B185	APPLE 240C 1218Z	EUR	0,1050	0,1050	0,1050			0,1050					
Warrant	DE000CV8B193	APPLE 250C 0319Z	EUR	0,1850	0,1850	0,1850			0,1850					
Warrant	NL0009233741	APPLE 18.45PLOPENG	EUR	122,0000	122,0000	122,0000			122,0000					
Warrant	NL0009239797	APPLE 21.65PLOPENG	EUR	120,1900	120,1900	120,1900			120,1900					
Warrant	NL0009365949	APPLE 25.25PLOPENG	EUR	118,1000	118,1000	118,1000			118,1000					
Warrant	NL0009370949	APPLE 29.25PLOPENG	EUR	115,8500	115,8500	115,8500			115,8500					
Warrant	NL0009373935	APPLE 38.45PLOPENG	EUR	110,6000	110,6000	110,6000			110,6000					
Warrant	NL0009760503	APPLE 42.45PLOPENG	EUR	108,3500	108,3500	108,3500			108,3500					
Warrant	NL0009881911	APPLE 47.95PLOPENG	EUR	105,2000	105,2000	105,2000			105,2000					
Warrant	NL0010530234	APPLE 61.35PLOPENG	EUR	97,6200	97,6200	97,6200			97,6200					
Warrant	NL0010540159	APPLE 66.35PLOPENG	EUR	94,7800	94,7800	94,7800			94,7800					
Warrant	NL0010677696	APPLE 70.25PLOPENG	EUR	92,5900	92,5900	92,5900			92,5900					
Warrant	NL0010739736	APPLE 78.45PLOPENG	EUR	87,9300	87,9300	87,9300			87,9300					
Warrant	NL0010740148	APPLE 82.85PLOPENG	EUR	85,4300	85,4300	85,4300			85,4300					
Warrant	NL0011854252	APPLE106.25PLOPENG	EUR	96,9400	96,9400	96,9400			96,9400					
Warrant	NL0010359477	APPLE49.295PLOPENG	EUR	102,3500	102,3500	102,3500			102,3500					
Warrant	NL0010528774	APPLE58.925PLOPENG	EUR	96,6400	96,6400	96,6400			96,6400					
Warrant	NL0010540225	APPLE65.585PLOPENG	EUR	92,5900	92,5900	92,5900			92,5900					
Warrant	NL0010739819	APPLE77.425PLOPENG	EUR	85,3700	85,3700	85,3700			85,3700					
Warrant	NL0010744124	APPLE86.285PLOPENG	EUR	79,8300	79,8300	79,8300			79,8300					
Warrant	NL0010751053	APPLE91.045PLOPENG	EUR	110,0000	110,0000	110,0000			110,0000					
Warrant	NL0011845250	APRAM 275PLOPENG	EUR	10,0900	10,2700	10,0900			10,2700					
Warrant	NL0009879204	APRAM 4.35PLOPENG	EUR	33,0800	33,2600	33,0800			33,2600					
Warrant	NL0010536900	APRAM 8.35PLOPENG	EUR	29,3600	29,5400	29,3600			29,5400					
Warrant	NL0010678835	APRAM 12.15PLOPENG	EUR	25,8900	26,0700	25,8900			26,0700					
Warrant	NL0010683884	APRAM 13.35PLOPENG	EUR	24,8700	25,0500	24,8700			25,0500					
Warrant	NL0010939799	APRAM 18.65PLOPENG	EUR	20,0100	20,1900	20,0100			20,1900					
Warrant	NL0011373766	APRAM 20.45PLOPENG	EUR	16,6800	16,8600	16,6800			16,8600					
Warrant	NL0011374434	APRAM 21.95PLOPENG	EUR	17,0400	17,2200	17,0400			17,2200					
Warrant	NL0011619762	APRAM 23.75PLOPENG	EUR	15,3900	15,5700	15,3900			15,5700					
Warrant	NL0011620059	APRAM 24.25PLOPENG	EUR	12,8800	13,0600	12,8800			13,0600					
Warrant	NL0011848007	APRAM 28.55PLOPENG	EUR	8,5900	8,7700	8,5900			8,7700					
Warrant	NL0011848676	APRAM 29.85PLOPENG	EUR	9,8800	10,0600	9,8800			10,0600					
Warrant	NL0011855366	APRAM 34.55PLOPENG	EUR	5,5800	5,7600	5,5800			5,7600					
Warrant	NL0012826010	APRAM 36.95PLOPENG	EUR											
Warrant	NL0012831986	APRAM 36.95PLOPENG	EUR											
Warrant	NL0010824942	APRAM15.135PLOPENG	EUR	21,9500	22,1300	21,9500			22,1300					
Warrant	NL0010939385	APRAM18.165PLOPENG	EUR	18,9300	19,1100	18,9300			19,1100					
Warrant	NL0011374756	APRAM22.875PLOPENG	EUR	14,2100	14,3900	14,2100			14,3900					
Warrant	NL0011849716	APRAM31.735PLOPENG	EUR	5,3600	5,5400	5,3600			5,5400					
Warrant	NL0011850110	APRAM33.475PLOPENG	EUR	3,6200	3,8000	3,6200			3,8000					
Warrant	NL0012823330	APRAM35.185PLOPENG	EUR	1,9000	2,0800	1,9000			2,0800					
Warrant	NL0012825046	APRAM36.915PLOPENG	EUR											
Warrant	NL0012830129	APRAM36.945PLOPENG	EUR											
Warrant	NL0012826390	APRAM38.755PLOPENG	EUR											
Warrant	NL0012828149	APRAM38.765PLOPENG	EUR											
Warrant	NL0012830764	APRAM38.795PLOPENG	EUR											
Warrant	NL0012823348	APRAM40.545PSPLOPENG	EUR											
Warrant	NL0012479976	APRAM42.935PSPLOPENG	EUR	6,4200	6,4200	6,1700			6,1700					
Warrant	NL0012475693	APRAM46.245PSPLOPENG	EUR	9,7300	9,7300	9,4800			9,4800					
Warrant	NL0012066591	APRAM49.835PSPLOPENG	EUR	13,3000	13,3000	13,0500			13,0500					
Warrant	NL0012065791	APRAM53.945PSPLOPENG	EUR	17,4200	17,4200	17,1700			17,1700					
Warrant	NL0011616719	ARCAD 8.95PLOPENG	EUR	5,6400	5,6800	5,6400			5,6800					
Warrant	NL0011859491	ARCAD 9.65PLOPENG	EUR	5,0100	5,0500	5,0100			5,0500					
Warrant	NL0012067177	ARCAD 11.15PLOPENG	EUR	3,6100	3,6500	3,6100			3,6500					
Warrant	NL0012068175	ARCAD 11.95PLOPENG	EUR	2,8500	2,8900	2,8500			2,8900					
Warrant	NL0012069009	ARCAD 12.85PLOPENG	EUR	2,0300	2,0700	2,0300			2,0700					
Warrant	NL0012073019	ARCAD 13.85PLOPENG	EUR											
Warrant	NL0012826028	ARCAD 14.75PLOPENG	EUR											
Warrant	NL0012828008	ARCAD 17.45PSPLOPENG	EUR	5,9400	5,9400	5,8800			5,8800					
Warrant	NL0011616057	ARCAD 21.15PSPLOPENG	EUR	9,9800	9,9800	9,9200			9,9200					
Warrant	NL0011479399	ARCAD 23.35PSPLOPENG	EUR	12,4500	12,4500	12,3900			12,3900					
Warrant	NL0011625520	ARCM1 185PLOPENG	EUR	8,4100	8,4100	8,4100			8,4100					
Warrant	NL0012466239	ARCM1 235PLOPENG	EUR	3,8500	3,8500	3,8400			3,8400					
Warrant	DE000CV89648	ARCM1 24C 1218Z	EUR	1,8400	1,8400	1,8400			1,8400					
Warrant	DE000CV8B037	ARCM1 25C 0319Z	EUR	0,3950	0,3950	0,3950			0,3950					
Warrant	DE000CV89655	ARCM1 27C 1218Z	EUR	0,6100	0,6100	0,6100			0,6100					
Warrant	DE000CV8AME0	ARCM1 30C 0319Z	EUR	0,1150	0,1150	0,1150			0,1150					
Warrant	DE000CV89663	ARCM1 30C 1218Z	EUR	0,1750	0,1750	0,1750			0,1750					



Instrument Type	Exchange Instrument ID	Instrument 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	NL0012071302	ARCM1 6.9SPLOPENG	EUR											
Warrant	NL0012066211	ARCM1 8.4SPLOPENG	EUR											
Warrant	NL0011618699	ARCM1 15.2SPLOPENG	EUR	9,8000	9,8000	9,7900			9,7900					
Warrant	NL0011623038	ARCM1 15.8SPLOPENG	EUR	9,2300	9,2300	9,2200			9,2200					
Warrant	NL0011620075	ARCM1 16.1SPLOPENG	EUR	10,1800	10,1800	10,1800			10,1800					
Warrant	NL0011491105	ARCM1 16.2SPLOPENG	EUR	10,0700	10,0700	10,0700			10,0700					
Warrant	NL0011618830	ARCM1 16.5SPLOPENG	EUR	9,8200	9,8200	9,8200			9,8200					
Warrant	NL0011620299	ARCM1 16.7SPLOPENG	EUR	9,5600	9,5600	9,5600			9,5600					
Warrant	NL0011622873	ARCM1 17.1SPLOPENG	EUR	9,2700	9,2700	9,2700			9,2700					
Warrant	NL0011626619	ARCM1 17.4SPLOPENG	EUR	7,6000	7,6000	7,6000			7,6000					
Warrant	NL0011845169	ARCM1 17.6SPLOPENG	EUR	7,4300	7,4300	7,4200			7,4200					
Warrant	NL0011623483	ARCM1 17.6SPLOPENG	EUR	8,7600	8,7600	8,7600			8,7600					
Warrant	NL0011847553	ARCM1 17.8SPLOPENG	EUR	7,2300	7,2300	7,2200			7,2200					
Warrant	NL0012075402	ARCM1 18.9SPLOPENG	EUR	7,5800	7,5800	7,5700			7,5700					
Warrant	NL0012076202	ARCM1 19.9SPLOPENG	EUR	6,7100	6,7100	6,6900			6,6900					
Warrant	NL0012076194	ARCM1 20.9SPLOPENG	EUR	5,8000	5,8000	5,8000			5,8000					
Warrant	NL0012076095	ARCM1 21.2SPLOPENG	EUR	3,7900	3,7900	3,7900			3,7900					
Warrant	NL0012462659	ARCM1 21.9SPLOPENG	EUR	4,8500	4,8500	4,8500			4,8500					
Warrant	NL0012822951	ARCM1 24.1SPLOPENG	EUR											
Warrant	NL0012829311	ARCM1 24.2SPLOPENG	EUR											
Warrant	NL0012832240	ARCM1 25.2SPLOPENG	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 29.1SPLOPENG	EUR	7,7600	7,7600	7,7500			7,7500					
Warrant	NL0012469597	ARCM1 31.3SPLOPENG	EUR	10,2000	10,2000	10,2000			10,2000					
Warrant	NL0011618707	ARCM1 14.81SPLOPENG	EUR	10,1500	10,1500	10,1500			10,1500					
Warrant	NL0011491048	ARCM1 14.94SPLOPENG	EUR	10,0400	10,0400	10,0300			10,0300					
Warrant	NL0011484738	ARCM1 15.07SPLOPENG	EUR	9,8900	9,8900	9,8800			9,8800					
Warrant	NL0011619952	ARCM1 15.34SPLOPENG	EUR	9,6700	9,6700	9,6600			9,6600					
Warrant	NL0011620356	ARCM1 15.49SPLOPENG	EUR	9,5200	9,5200	9,5200			9,5200					
Warrant	NL0011620745	ARCM1 15.64SPLOPENG	EUR	9,3500	9,3500	9,3400			9,3400					
Warrant	NL0011623178	ARCM1 15.97SPLOPENG	EUR	9,0600	9,0600	9,0500			9,0500					
Warrant	NL0011623160	ARCM1 16.14SPLOPENG	EUR	8,8800	8,8800	8,8800			8,8800					
Warrant	NL0011624895	ARCM1 16.29SPLOPENG	EUR	9,1100	9,1100	9,1000			9,1000					
Warrant	NL0011623640	ARCM1 16.33SPLOPENG	EUR	8,6900	8,6900	8,6800			8,6800					
Warrant	NL0011625546	ARCM1 17.04SPLOPENG	EUR	7,9800	7,9800	7,9800			7,9800					
Warrant	NL0011626627	ARCM1 17.22SPLOPENG	EUR	7,8100	7,8100	7,8000			7,8000					
Warrant	NL0011847546	ARCM1 18.01SPLOPENG	EUR	6,9500	6,9500	6,9500			6,9500					
Warrant	NL0012074678	ARCM1 18.92SPLOPENG	EUR	6,0400	6,0400	6,0300			6,0300					
Warrant	NL0012074926	ARCM1 19.22SPLOPENG	EUR	5,7500	5,7500	5,7400			5,7400					
Warrant	NL0012075170	ARCM1 20.18SPLOPENG	EUR	4,8100	4,8100	4,8100			4,8100					
Warrant	NL0012462741	ARCM1 22.26SPLOPENG	EUR	2,7000	2,7000	2,6900			2,6900					
Warrant	NL0012463103	ARCM1 22.89SPLOPENG	EUR	2,0600	2,0600	2,0600			2,0600					
Warrant	NL0012466346	ARCM1 23.58SPLOPENG	EUR	1,3300	1,3300	1,3300			1,3300					
Warrant	NL0012823249	ARCM1 24.25SPLOPENG	EUR											
Warrant	NL0012829766	ARCM1 24.28SPLOPENG	EUR											
Warrant	NL0012832802	ARCM1 24.29SPLOPENG	EUR	0,6900	0,6900	0,6800			0,6800					
Warrant	NL0012825335	ARCM1 24.95SPLOPENG	EUR											
Warrant	NL0012827711	ARCM1 24.97SPLOPENG	EUR											
Warrant	NL0012830046	ARCM1 25.01SPLOPENG	EUR											
Warrant	NL0012828396	ARCM1 25.72SPLOPENG	EUR											
Warrant	NL0012830038	ARCM1 25.76SPLOPENG	EUR											
Warrant	NL0012825749	ARCM1 26.46SPLOPENG	EUR											
Warrant	NL0012830475	ARCM1 26.53SPLOPENG	EUR											
Warrant	NL0012831358	ARCM1 26.53SPLOPENG	EUR											
Warrant	NL0012831788	ARCM1 27.12SPLOPENG	EUR	2,7000	2,7000	2,7000			2,7000					
Warrant	NL0012829063	ARCM1 27.17SPLOPENG	EUR											
Warrant	NL0012826291	ARCM1 27.25SPLOPENG	EUR											
Warrant	NL0012830715	ARCM1 27.31SPLOPENG	EUR											
Warrant	NL0012830806	ARCM1 27.32SPLOPENG	EUR											
Warrant	NL0012826879	ARCM1 29.16SPLOPENG	EUR	4,7500	4,7500	4,7400			4,7400					
Warrant	NL0011618715	ARCM1 3.446SPLOPENG	EUR											
Warrant	NL0012468250	ARCM1 31.36SPLOPENG	EUR	6,9400	6,9400	6,9400			6,9400					
Warrant	NL0012468425	ARCM1 33.56SPLOPENG	EUR	9,1400	9,1400	9,1400			9,1400					
Warrant	NL0012469340	ARCM1 35.91SPLOPENG	EUR	11,5000	11,5000	11,4900			11,4900					
Warrant	NL0011853544	ARCM1 5.254SPLOPENG	EUR											
Warrant	NL0011859665	ARCM1 6.407SPLOPENG	EUR											
Warrant	NL0011858295	ASMI 32SPLOPENG	EUR	12,2900	12,2900	11,5900			11,5900					
Warrant	NL0009235878	ASMI 2.5SPLOPENG	EUR	38,9900	38,9900	38,9900			38,9900					
Warrant	NL0009902311	ASMI 7.1SPLOPENG	EUR	34,7700	34,7700	34,7700			34,7700					



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	NL0009904812	ASMI 9.2SPLOPENG	EUR	32,7900	32,7900	32,7900			32,7900					
Warrant	NL0009905686	ASMI 11.5SPLOPENG	EUR	30,6300	30,6300	30,6300			30,6300					
Warrant	NL0010363289	ASMI 13.3SPLOPENG	EUR	28,9700	28,9700	28,9700			28,9700					
Warrant	NL0010526133	ASMI 15.1SPLOPENG	EUR	27,2500	27,2500	27,2500			27,2500					
Warrant	NL0010599460	ASMI 17.2SPLOPENG	EUR	25,3100	25,3100	25,3100			25,3100					
Warrant	NL0010939054	ASMI 19.4SPLOPENG	EUR	23,2400	23,2400	23,2400			23,2400					
Warrant	NL0011373154	ASMI 21.3SPLOPENG	EUR	21,5200	21,5200	21,5200			21,5200					
Warrant	NL0011475249	ASMI 23.2SPLOPENG	EUR	19,7000	19,7000	19,7000			19,7000					
Warrant	NL0011476593	ASMI 25.3SPLOPENG	EUR	17,7600	17,7600	17,7600			17,7600					
Warrant	NL0011853064	ASMI 27.2SPLOPENG	EUR	16,7700	16,7700	16,0700			16,0700					
Warrant	NL0011855317	ASMI 29.5SPLOPENG	EUR	14,6000	14,6000	13,9000			13,9000					
Warrant	NL0012063143	ASMI 34.6SPLOPENG	EUR	9,8200	9,8200	9,1200			9,1200					
Warrant	NL0012064265	ASMI 37.5SPLOPENG	EUR	7,1900	7,1900	6,4900			6,4900					
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 59.8SPSOPENG	EUR	22,9100	23,4600	22,9100			23,4600					
Warrant	NL0009230580	ASMLH 16SPLOPENG	EUR	145,1200	145,1200	140,8000			140,8000					
Warrant	NL0010757548	ASMLH 66SPLOPENG	EUR	98,5700	98,5700	94,2200			94,2200					
Warrant	NL0012077325	ASMLH 121SPLOPENG	EUR	47,3600	47,3600	43,0100			43,0100					
Warrant	NL0012833008	ASMLH 149SPLOPENG	EUR	2,1700	2,1700	1,7300	1000,0000	1	1,7300	500				
Warrant	DE000CJ3N9A4	ASMLH 150C 0319Z	EUR	0,7150	0,7150	0,7150			0,7150					
Warrant	DE000CV895A5	ASMLH 160C 1218Z	EUR	1,1800	1,1800	1,1800			1,1800					
Warrant	DE000CJ3N9B2	ASMLH 165C 0319Z	EUR	0,3750	0,3750	0,3750			0,3750					
Warrant	DE000CV895B3	ASMLH 176C 1218Z	EUR	0,3600	0,3600	0,3600			0,3600					
Warrant	NL0012832265	ASMLH 177SPSOPENG	EUR	3,2000	3,6200	3,2000			3,6200					
Warrant	DE000CV8AZD4	ASMLH 180C 0319Z	EUR	0,1750	0,1750	0,1750			0,1750					
Warrant	DE000CV8AMF7	ASMLH 196C 1218Z	EUR	0,0200	0,0200	0,0200			0,0200					
Warrant	DE000CV8AMG5	ASMLH 200C 0319Z	EUR	0,0640	0,0640	0,0640			0,0640					
Warrant	NL0006408007	ASMLH 6.6SPLOPENG	EUR	153,7500	153,7500	149,4500			149,4500					
Warrant	NL0012830053	ASMLH 156.SPLOPENG	EUR											
Warrant	NL0009370576	ASMLH 17.7SPLOPENG	EUR	143,5200	143,5200	139,1500			139,1500					
Warrant	NL0012477863	ASMLH 207.SPSOPENG	EUR	4,9000	5,3200	4,9000			5,3200					
Warrant	NL0009904010	ASMLH 28.4SPLOPENG	EUR	133,5700	133,5700	129,2500			129,2500					
Warrant	NL0010090247	ASMLH 34.6SPLOPENG	EUR	127,8200	127,8200	123,5000			123,5000					
Warrant	NL0010102778	ASMLH 36.5SPLOPENG	EUR	126,0200	126,0200	121,6500			121,6500					
Warrant	NL0010213716	ASMLH 42.4SPLOPENG	EUR	120,5200	120,5200	116,1500			116,1500					
Warrant	NL0010344941	ASMLH 45.8SPLOPENG	EUR	117,3200	117,3200	113,0000			113,0000					
Warrant	NL0010345310	ASMLH 49.5SPLOPENG	EUR	113,9200	113,9200	109,6000			109,6000					
Warrant	NL0010359865	ASMLH 53.4SPLOPENG	EUR	110,3200	110,3200	105,9500			105,9500					
Warrant	NL0010694998	ASMLH 56.3SPLOPENG	EUR	107,5700	107,5700	103,2000			103,2000					
Warrant	NL0010744454	ASMLH 59.4SPLOPENG	EUR	104,7200	104,7200	100,3500			100,3500					
Warrant	NL0010757555	ASMLH 62.6SPLOPENG	EUR	101,7200	101,7200	97,3700			97,3700					
Warrant	NL0010757704	ASMLH 64.1SPLOPENG	EUR	96,2400	96,2400	91,8900			91,8900					
Warrant	NL0010830048	ASMLH 69.5SPLOPENG	EUR	95,2800	95,2800	90,9300			90,9300					
Warrant	NL0011621479	ASMLH 77.1SPLOPENG	EUR	88,2600	88,2600	83,9100			83,9100					
Warrant	NL0011844709	ASMLH 81.1SPLOPENG	EUR	84,5300	84,5300	80,1800			80,1800					
Warrant	NL0011848320	ASMLH 85.3SPLOPENG	EUR	80,6200	80,6200	76,2700			76,2700					
Warrant	NL0011859350	ASMLH 89.7SPLOPENG	EUR	76,5300	76,5300	72,1800			72,1800					
Warrant	NL0012064273	ASMLH104.2SPLOPENG	EUR	62,9600	62,9600	58,6100			58,6100					
Warrant	NL0012063689	ASMLH105.1SPLOPENG	EUR	55,4500	55,4500	50,9700	3649,0000	2	50,9700	67				
Warrant	NL0012068241	ASMLH109.6SPLOPENG	EUR	57,9700	57,9700	53,6200			53,6200					
Warrant	NL0012064083	ASMLH110.5SPLOPENG	EUR	50,2300	50,2300	45,8800			45,8800					
Warrant	NL0012075857	ASMLH116.1SPLOPENG	EUR	44,7200	44,7200	40,3700	437,1000	1	40,3700	10				
Warrant	NL0012076400	ASMLH121.9SPLOPENG	EUR	38,7800	38,7800	34,4300	366,5000	1	34,4300	10				
Warrant	NL0012079727	ASMLH128.1SPLOPENG	EUR	32,6000	32,6000	28,2400			28,2400					
Warrant	NL0012080808	ASMLH134.6SPLOPENG	EUR	26,1000	26,1000	21,7500	72716,9800	16	21,7500	3048				
Warrant	NL0012463327	ASMLH140.3SPLOPENG	EUR	29,3900	29,3900	25,0400	2553,0000	2	25,0400	90				
Warrant	NL0012832059	ASMLH141.3SPLOPENG	EUR	1,9800	1,9800	1,5400	9985,5000	8	1,5400	5760				
Warrant	NL0012461883	ASMLH141.4SPLOPENG	EUR											
Warrant	NL0012832729	ASMLH144.6SPLOPENG	EUR	2,5500	2,5500	2,1100	232,0000	1	2,1100	100				
Warrant	NL0012474662	ASMLH147.4SPLOPENG	EUR											
Warrant	NL0012832828	ASMLH148.4SPLOPENG	EUR	1,3100	1,3100	0,8400	3730,0000	4	0,8400	3300				
Warrant	NL0012473524	ASMLH148.5SPLOPENG	EUR											
Warrant	NL0012480867	ASMLH151.6SPLOPENG	EUR											
Warrant	NL0012829337	ASMLH151.8SPLOPENG	EUR											
Warrant	NL0012832992	ASMLH153.4SPLOPENG	EUR	1,7500	1,7500	1,3100			1,3100					
Warrant	NL0012476204	ASMLH154.7SPLOPENG	EUR											
Warrant	NL0012818652	ASMLH154.9SPLOPENG	EUR											
Warrant	NL0012832067	ASMLH155.6SPSOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012832810	ASMLH155.85PLOPENG	EUR	0,5600	0,5600	0,5600			0,5600					
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	ASMLH166.35PSOPENG	EUR	2,0500	2,4700	2,0500			2,4700					
Warrant	NL0012824015	ASMLH167.15PLOPENG	EUR											
Warrant	NL0012829071	ASMLH167.25PSOPENG	EUR	0,9200	1,3400	0,9200	126,3500	1	1,3400	133				
Warrant	NL0012824460	ASMLH170.35PLOPENG	EUR											
Warrant	NL0012828222	ASMLH170.55PLOPENG	EUR											
Warrant	NL0012824742	ASMLH175.35PLOPENG	EUR											
Warrant	NL0012824940	ASMLH178.85PLOPENG	EUR											
Warrant	NL0012829089	ASMLH179.85PSOPENG	EUR	2,1800	2,6000	2,1800			2,6000					
Warrant	NL0012475669	ASMLH193.45PSOPENG	EUR	3,5300	3,9600	3,5300	366,0000	1	3,9600	100				
Warrant	NL0012476725	ASMLH200.55PSOPENG	EUR	5,7300	6,1500	5,7300			6,1500					
Warrant	NL0012825343	ASMLH221.55PSOPENG	EUR	6,3400	6,7700	6,3400			6,7700					
Warrant	NL0010587879	ASMLH54.745PLOPENG	EUR	105,5700	105,5700	101,2500			101,2500					
Warrant	NL0010746038	ASMLH60.835PLOPENG	EUR	99,5100	99,5100	95,1600			95,1600					
Warrant	NL0010759478	ASMLH67.555PLOPENG	EUR	92,7400	92,7400	88,3900			88,3900					
Warrant	NL0011619960	ASMLH71.125PLOPENG	EUR	89,2300	89,2300	84,8800			84,8800					
Warrant	NL0011620752	ASMLH74.885PLOPENG	EUR	85,4600	85,4600	81,1100			81,1100					
Warrant	NL0011622642	ASMLH78.835PLOPENG	EUR	81,5100	81,5100	77,1600			77,1600					
Warrant	NL0011845177	ASMLH82.915PLOPENG	EUR	77,4300	77,4300	73,0800			73,0800					
Warrant	NL0011848965	ASMLH85.935PLOPENG	EUR	74,4400	74,4400	70,0900			70,0900					
Warrant	NL0011854591	ASMLH90.375PLOPENG	EUR	70,0000	70,0000	65,6500			65,6500					
Warrant	NL0011863022	ASMLH95.035PLOPENG	EUR	65,3800	65,3800	61,0300			61,0300					
Warrant	NL0012063028	ASMLH99.925PLOPENG	EUR	60,4200	60,4200	56,0700			56,0700					
Warrant	NL0012823140	ASRNL 335PLOPENG	EUR	9,5000	10,1400	9,5000			10,1400					
Warrant	NL0012823694	ASRNL 28.65PLOPENG	EUR	13,5900	14,2300	13,5900			14,2300					
Warrant	NL0012479372	ASRNL 30.55PLOPENG	EUR	9,7800	10,4200	9,7800			10,4200					
Warrant	NL0012479356	ASRNL 30.85PLOPENG	EUR	11,5500	12,1900	11,5500			12,1900					
Warrant	NL0012823389	ASRNL 33.85PLOPENG	EUR	6,4700	7,1100	6,4700			7,1100					
Warrant	NL0012826580	ASRNL 35.35PLOPENG	EUR	7,3000	7,9400	7,3000			7,9400					
Warrant	NL0012829584	ASRNL 37.85PLOPENG	EUR	5,0100	5,6500	5,0100			5,6500					
Warrant	NL0012479604	ASRNL 42.35PSOPENG	EUR											
Warrant	NL0012479380	ASRNL28.985PLOPENG	EUR	11,2900	11,9300	11,2900			11,9300					
Warrant	NL0012479489	ASRNL32.155PLOPENG	EUR	8,1300	8,7700	8,1300			8,7700					
Warrant	NL0012825061	ASRNL35.535PLOPENG	EUR	4,7400	5,3800	4,7400			5,3800					
Warrant	NL0012828412	ASRNL37.355PLOPENG	EUR	2,9300	3,8300	2,9300	30270,0000	12	3,5700	8000				
Warrant	NL0012823397	ASRNL38.295PLOPENG	EUR											
Warrant	NL0012828701	ASRNL39.225PLOPENG	EUR											
Warrant	NL0012479398	ASRNL40.455PSOPENG	EUR											
Warrant	NL0012828719	ASRNL43.825PSOPENG	EUR	3,9900	3,9900	3,0100	150,5000	1	3,3300	50				
Warrant	NL0010744041	ASTRA 24445PLOPENG	EUR	41,6700	41,6700	41,5200			41,5200					
Warrant	NL0010818720	BABAK 55.75PLOPENG	EUR	81,3600	81,3600	81,3600			81,3600					
Warrant	NL0010818712	BABAK 61.35PLOPENG	EUR	77,0100	77,0100	77,0100			77,0100					
Warrant	NL0010953105	BAM 25PLOPENG	EUR	1,3400	1,3400	1,3400			1,3400					
Warrant	DE000CV895D9	BAM 4C 1218Z	EUR	0,0310	0,0310	0,0310			0,0310					
Warrant	NL0010824660	BAM 1.25PLOPENG	EUR	2,0300	2,0300	2,0300			2,0300					
Warrant	NL0009885433	BAM 1.45PLOPENG	EUR	1,9200	1,9200	1,9200			1,9200					
Warrant	NL0010759189	BAM 1.55PLOPENG	EUR	1,8200	1,8200	1,8200			1,8200					
Warrant	NL0010830055	BAM 1.65PLOPENG	EUR	1,7200	1,7200	1,7200			1,7200					
Warrant	NL0010944419	BAM 1.75PLOPENG	EUR	1,5900	1,5900	1,5900			1,5900					
Warrant	NL0010944401	BAM 1.95PLOPENG	EUR	1,4700	1,4700	1,4700			1,4700					
Warrant	NL0011011044	BAM 2.25PLOPENG	EUR	1,1800	1,1800	1,1800			1,1800					
Warrant	NL0011018114	BAM 2.35PLOPENG	EUR	1,0200	1,0200	1,0200			1,0200					
Warrant	NL0011018882	BAM 2.55PLOPENG	EUR	0,8600	0,8600	0,8600			0,8600					
Warrant	NL0011021530	BAM 2.75PLOPENG	EUR	0,6700	0,6700	0,6700			0,6700					
Warrant	NL0012832273	BAM 2.95PLOPENG	EUR	0,5200	0,5200	0,5200			0,5200					
Warrant	NL0011848338	BAM 3.15PLOPENG	EUR											
Warrant	NL0012825939	BAM 3.45PLOPENG	EUR											
Warrant	NL0012832281	BAM 3.45PSOPENG	EUR	0,8200	0,8200	0,8100			0,8100					
Warrant	DE000CV895C1	BAM 3.6C 1218Z	EUR	0,0600	0,0600	0,0600			0,0600					
Warrant	NL0012827919	BAM 3.65PLOPENG	EUR											
Warrant	NL0012822977	BAM 3.85PSOPENG	EUR											
Warrant	NL0012832299	BAM 3.85PSOPENG	EUR	1,2100	1,2100	1,2000			1,2000					
Warrant	NL0011373931	BAM 4.25PLOPENG	EUR											
Warrant	NL0012821433	BAM 4.25PSOPENG	EUR	1,6400	1,6400	1,6300			1,6300					
Warrant	NL0011619705	BAM 4.55PLOPENG	EUR											
Warrant	NL0012465074	BAM 4.65PSOPENG	EUR	2,1200	2,1200	2,1000			2,1000					
Warrant	NL0012462261	BAM 5.15PSOPENG	EUR	2,6400	2,6400	2,6200			2,6200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011494000	BAM 5.6SPSOPENG	EUR	3,2300	3,2300	3,2200			3,2200					
Warrant	NL0011847124	BAM 2.521SPLOPENG	EUR	0,6700	0,6700	0,6700			0,6700					
Warrant	NL0011844642	BAM 2.724SPLOPENG	EUR	0,4800	0,4800	0,4800			0,4800					
Warrant	NL0011847561	BAM 2.929SPLOPENG	EUR	0,2600	0,2600	0,2600			0,2600					
Warrant	NL0011847934	BAM 3.148SPLOPENG	EUR											
Warrant	NL0012823728	BAM 3.364SPLOPENG	EUR											
Warrant	NL0012828123	BAM 3.599SPLOPENG	EUR											
Warrant	NL0012832075	BAM 3.893SPSOPENG	EUR	0,9200	0,9200	0,9000			0,9000					
Warrant	NL0012467005	BAM 4.581SPSOPENG	EUR	1,6000	1,6000	1,5900			1,5900					
Warrant	NL0012067375	BAM 5.408SPSOPENG	EUR	2,4300	2,4300	2,4200			2,4200					
Warrant	DE000CV8B0E9	BAYER 119C 0619Z	EUR	0,0150	0,0150	0,0150			0,0150					
Warrant	DE000CV8B0F6	BAYER 119C 0620Z	EUR	0,0580	0,0580	0,0580			0,0580					
Warrant	NL0012832745	BEKB 16SPLOPENG	EUR	5,1000	5,1000	4,7600			4,7600					
Warrant	DE000CJ3N9D8	BEKB 20C 0319Z	EUR	0,3050	0,3050	0,3050			0,3050					
Warrant	DE000CV8AY17	BEKB 22C 1218Z	EUR	0,1100	0,1100	0,0930	275,0000	1	0,0930	2500				
Warrant	DE000CV8AMH3	BEKB 24C 1218Z	EUR	0,0480	0,0480	0,0480			0,0480					
Warrant	DE000CV8AMK7	BEKB 25C 0319Z	EUR	0,0850	0,0850	0,0850			0,0850					
Warrant	DE000CV8AMJ9	BEKB 26C 1218Z	EUR	0,0280	0,0280	0,0280			0,0280					
Warrant	DE000CV895E7	BEKB 30C 1218Z	EUR	0,0120	0,0120	0,0120			0,0120					
Warrant	DE000CV895F4	BEKB 33C 1218Z	EUR	0,0110	0,0110	0,0110			0,0110					
Warrant	DE000CV895G2	BEKB 36C 1218Z	EUR	0,0110	0,0110	0,0110			0,0110					
Warrant	NL0012825244	BEKB 17.2SPLOPENG	EUR	4,0100	4,0100	3,6700			3,6700					
Warrant	NL0010357554	BEKB 18.5SPLOPENG	EUR	2,8400	2,8400	2,5000			2,5000					
Warrant	DE000CJ3N9C0	BEKB 19.5C 1218Z	EUR	0,2350	0,2350	0,2350			0,2350					
Warrant	NL0010830170	BEKB 20.5SPLOPENG	EUR											
Warrant	NL0012826184	BEKB 21.9SPLOPENG	EUR											
Warrant	NL0012481451	BEKB 35.5SPSOPENG	EUR	19,9800	20,2900	19,9800			20,2900					
Warrant	NL0012068308	BEKB 47.3SPSOPENG	EUR											
Warrant	NL0006429011	BEL20 1020SPLOPENG	EUR	25,9100	25,9100	25,7500			25,7500					
Warrant	NL0009107945	BEL20 1320SPLOPENG	EUR	22,9600	22,9600	22,8100			22,8100					
Warrant	NL0010098224	BEL20 1600SPLOPENG	EUR	20,4000	20,4000	20,2400			20,2400					
Warrant	NL0010086070	BEL20 1710SPLOPENG	EUR	19,2900	19,2900	19,1400			19,1400					
Warrant	NL0010204434	BEL20 1830SPLOPENG	EUR	18,1300	18,1300	17,9800			17,9800					
Warrant	NL0010216784	BEL20 1950SPLOPENG	EUR	16,9300	16,9300	16,7700			16,7700					
Warrant	NL0010346110	BEL20 2080SPLOPENG	EUR	15,6700	15,6700	15,5100			15,5100					
Warrant	NL0010526000	BEL20 2220SPLOPENG	EUR	14,3900	14,3900	14,2400			14,2400					
Warrant	NL0010530390	BEL20 2350SPLOPENG	EUR	13,0700	13,0700	12,9200			12,9200					
Warrant	NL0010540662	BEL20 2440SPLOPENG	EUR	12,2400	12,2400	12,0800			12,0800					
Warrant	NL0010596409	BEL20 2530SPLOPENG	EUR	11,3800	11,3800	11,2200			11,2200					
Warrant	NL0010829651	BEL20 2620SPLOPENG	EUR	10,5200	10,5200	10,3600			10,3600					
Warrant	NL0010938973	BEL20 2710SPLOPENG	EUR	9,6300	9,6300	9,4800			9,4800					
Warrant	NL0010941043	BEL20 2800SPLOPENG	EUR	8,7200	8,7200	8,5700			8,5700					
Warrant	NL0010960274	BEL20 2900SPLOPENG	EUR	7,7900	7,7900	7,6300			7,6300					
Warrant	NL0011844964	BEL20 3000SPLOPENG	EUR	6,8800	6,8800	6,7200			6,7200					
Warrant	NL0011848098	BEL20 3090SPLOPENG	EUR	5,9400	5,9400	5,7800			5,7800					
Warrant	NL0011849070	BEL20 3190SPLOPENG	EUR	4,9700	4,9700	4,8200			4,8200					
Warrant	NL0012061998	BEL20 3290SPLOPENG	EUR	3,9900	3,9900	3,8300			3,8300					
Warrant	NL0012063572	BEL20 3400SPLOPENG	EUR	2,9800	2,9800	2,8200			2,8200					
Warrant	NL0012067789	BEL20 3510SPLOPENG	EUR											
Warrant	NL0012070692	BEL20 3620SPLOPENG	EUR											
Warrant	NL0012826275	BEL20 3720SPLOPENG	EUR											
Warrant	NL0012475933	BEL20 3930SPSOPENG	EUR	5,0200	5,1700	5,0200			5,1700					
Warrant	NL0012071450	BEL20 4050SPSOPENG	EUR	6,3000	6,4600	6,3000			6,4600					
Warrant	NL0012074835	BEL20 4180SPSOPENG	EUR	7,6000	7,7600	7,6000			7,7600					
Warrant	NL0012077119	BEL20 4310SPSOPENG	EUR	8,9400	9,0900	8,9400			9,0900					
Warrant	NL0012475941	BEL20 4440SPSOPENG	EUR	10,3000	10,4600	10,3000			10,4600					
Warrant	NL0009105741	BERKS#####SLOPENG	EUR	18,9300	18,9300	18,9300			18,9300					
Warrant	NL0010684486	BERKS#####SLOPENG	EUR	11,2900	11,2900	11,2900			11,2900					
Warrant	NL0010348835	BERKS#####SLOPENG	EUR	13,9300	13,9300	13,9300			13,9300					
Warrant	NL0011625942	BERKS#####SLOPENG	EUR	10,1100	10,1100	10,1100			10,1100					
Warrant	NL0012826556	BESI 19SPLOPENG	EUR											
Warrant	NL0011627864	BESI 7.7SPLOPENG	EUR	23,5100	23,5100	22,6900			22,6900					
Warrant	NL0011847520	BESI 8.5SPLOPENG	EUR	22,1000	22,1000	21,2800			21,2800					
Warrant	NL0011853296	BESI 10.2SPLOPENG	EUR	18,9200	18,9200	18,1000			18,1000					
Warrant	NL0011859483	BESI 11.2SPLOPENG	EUR	17,1600	17,1600	16,3400			16,3400					
Warrant	NL0012063291	BESI 13.3SPLOPENG	EUR	13,2800	13,2800	12,4600	660,5000	1	12,4600	50				
Warrant	NL0012067169	BESI 14.5SPLOPENG	EUR	11,1400	11,1400	10,3200			10,3200					
Warrant	NL0012826226	BESI 15.5SPLOPENG	EUR	4,6500	4,6500	4,2400	1010,4500	3	4,2400	235				
Warrant	NL0012829535	BESI 16.6SPLOPENG	EUR											
Warrant	NL0012826218	BESI 16.6SPLOPENG	EUR											
Warrant	NL0012830426	BESI 17.8SPLOPENG	EUR											
Warrant	NL0012827505	BESI 17.8SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012831242	BESI 17.8SPLOPENG	EUR											
Warrant	NL0012826200	BESI 17.8SPLOPENG	EUR											
Warrant	NL0012832380	BESI 18.5SPSOPENG	EUR											
Warrant	NL0012829543	BESI 18.6SPSOPENG	EUR											
Warrant	NL0012827513	BESI 20.4SPSOPENG	EUR	4,1100	4,5100	4,1000	410,0000	1	4,5100	100				
Warrant	NL0012826564	BESI 22.4SPSOPENG	EUR	6,3600	6,7600	6,3600								
Warrant	NL0012823116	BESI 24.7SPSOPENG	EUR	8,8400	9,2400	8,8400								
Warrant	NL0012823124	BESI 27.1SPSOPENG	EUR	11,5600	11,9600	11,5600								
Warrant	NL0012820021	BESI 32.8SPSOPENG	EUR	17,8300	18,2300	17,8300								
Warrant	NL0012475222	BINCK 4SPLOPENG	EUR	1,1900	1,2100	1,1900								
Warrant	NL0011846852	BINCK 2.9SPLOPENG	EUR	2,2000	2,2200	2,2000								
Warrant	NL0011844774	BINCK 3.2SPLOPENG	EUR	1,9800	2,0000	1,9800								
Warrant	NL0011631437	BINCK 3.4SPLOPENG	EUR	1,7000	1,7200	1,7000								
Warrant	NL0012468011	BINCK 3.7SPLOPENG	EUR	1,4500	1,4700	1,4500								
Warrant	NL0012821466	BINCK 4.3SPLOPENG	EUR	0,9300	0,9500	0,9300								
Warrant	NL0012823025	BINCK 4.6SPLOPENG	EUR	0,6400	0,6600	0,6400								
Warrant	NL0012826135	BINCK 4.9SPLOPENG	EUR											
Warrant	NL0012827240	BINCK 5.3SPLOPENG	EUR											
Warrant	NL0012826143	BINCK 5.8SPSOPENG	EUR											
Warrant	NL0011621545	BINCK 6.4SPSOPENG	EUR	2,4800	2,4800	2,4600								
Warrant	NL0010601662	BINCK 7.9SPSOPENG	EUR	4,1600	4,1600	4,1300								
Warrant	NL0010750733	BINCK 8.7SPSOPENG	EUR	5,0700	5,0700	5,0500								
Warrant	NL0011860465	BMW 68SPLOPENG	EUR	12,2600	12,2600	12,0300								
Warrant	NL0010464160	BMW 46.2SPLOPENG	EUR	32,5200	32,5200	32,2900								
Warrant	NL0010464152	BMW 50.2SPLOPENG	EUR	28,8700	28,8700	28,6400								
Warrant	NL0010463931	BMW 54.3SPLOPENG	EUR	25,0000	25,0000	24,7700								
Warrant	NL0010526398	BMW 58.5SPLOPENG	EUR	21,0900	21,0900	20,8600								
Warrant	NL0011848882	BMW 63.1SPLOPENG	EUR	16,8200	16,8200	16,5900								
Warrant	NL0011860622	BMW 73.2SPLOPENG	EUR	7,3700	7,3700	7,1400								
Warrant	NL0012829816	BMW 80.6SPLOPENG	EUR											
Warrant	NL0012822365	BMW 69.67SPLOPENG	EUR	5,9400	5,9400	5,6200	168,6000	1	5,7100	30				
Warrant	NL0012822746	BMW 73.16SPLOPENG	EUR	2,4600	2,8400	2,2300	710,0000	1	2,2300	250				
Warrant	NL0012823355	BMW 76.75SPLOPENG	EUR											
Warrant	NL0012825822	BMW 80.41SPLOPENG	EUR											
Warrant	NL0012826408	BMW 80.52SPLOPENG	EUR											
Warrant	NL0012828156	BMW 86.57SPSOPENG	EUR											
Warrant	NL0010465993	BNP 25.2SPLOPENG	EUR	26,8600	26,8600	26,2900								
Warrant	NL0010464095	BNP 27.9SPLOPENG	EUR	24,4200	24,4200	23,8500								
Warrant	NL0010463915	BNP 30.8SPLOPENG	EUR											
Warrant	NL0011851936	BNP 37.6SPLOPENG	EUR	15,5800	15,5800	15,0100								
Warrant	NL0012829501	BNP 44.7SPLOPENG	EUR	9,1500	9,1500	8,5800								
Warrant	NL0012829493	BNP 48.7SPLOPENG	EUR	5,4900	5,4900	4,9200								
Warrant	NL0012068290	BNP 50.2SPLOPENG	EUR											
Warrant	NL0009113430	BOSKA 9.9SPLOPENG	EUR	15,4400	15,5500	15,4400								
Warrant	NL0009233519	BOSKA 12.3SPLOPENG	EUR	13,1800	13,2900	13,1800								
Warrant	NL0009903947	BOSKA 17.1SPLOPENG	EUR	8,7900	8,9000	8,7900								
Warrant	NL0010202545	BOSKA 19.7SPLOPENG	EUR	6,3300	6,4400	6,3300								
Warrant	NL0010207015	BOSKA 21.7SPLOPENG	EUR	4,4800	4,5900	4,4300	8879,2000	2	4,5900	1980				
Warrant	NL0012479950	BOSKA 22.4SPLOPENG	EUR	2,3500	2,4600	2,3500								
Warrant	NL0012827968	BOSKA 23.2SPLOPENG	EUR	3,0700	3,1800	3,0700								
Warrant	NL0012821045	BOSKA 23.2SPLOPENG	EUR											
Warrant	NL0012821151	BOSKA 23.9SPLOPENG	EUR											
Warrant	NL0012829477	BOSKA 24.8SPLOPENG	EUR											
Warrant	NL0012824114	BOSKA 24.8SPLOPENG	EUR											
Warrant	NL0012831226	BOSKA 26.6SPLOPENG	EUR											
Warrant	NL0012476758	BOSKA 27.4SPSOPENG	EUR											
Warrant	NL0010543013	BOSKA 30.8SPLOPENG	EUR											
Warrant	NL0011615349	BOSKA 33.2SPSOPENG	EUR	11,5200	11,5200	11,3700								
Warrant	NL0011615356	BOSKA 36.9SPSOPENG	EUR	15,4200	15,4200	15,2700								
Warrant	NL0011360664	BOSKA 40.8SPSOPENG	EUR	19,7100	19,7100	19,5600								
Warrant	NL0012478861	BOSKA19.34SPLOPENG	EUR	5,4200	5,5300	5,4000	540,0000	1	5,5300	100				
Warrant	NL0012477509	BOSKA20.86SPLOPENG	EUR	3,9000	4,0100	3,9000								
Warrant	NL0012827737	BOSKA23.97SPLOPENG	EUR											
Warrant	NL0012826358	BOSKA25.58SPLOPENG	EUR											
Warrant	NL0012830103	BOSKA25.66SPLOPENG	EUR											
Warrant	NL0012821557	BOSKA27.55SPSOPENG	EUR											
Warrant	NL0012476659	BOSKA30.23SPSOPENG	EUR	5,9300	5,9300	5,7800								
Warrant	NL0011631072	BOSKA33.33SPSOPENG	EUR	9,0300	9,0300	8,8800								
Warrant	NL0009616531	BP 201SPLOPENG	EUR	4,2600	4,2600	4,2400								
Warrant	DE000CV8AML5	BPOST 14C 0319Z	EUR	0,5550	0,5550	0,5550								
Warrant	DE000CV895L2	BPOST 15C 1218Z	EUR	0,1300	0,1300	0,1300								
Warrant	DE000CV8ASQ1	BPOST 16C 0319Z	EUR	0,2500	0,2500	0,2500								



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
Warrant	DE000CV895K4	BPOST 13.5C 1218Z	EUR	0,3850	0,3850	0,3850			0,3850					
Warrant	NL0011491212	BRENT 32SPLOPENG	EUR	41,6800	41,6800	41,6800			41,6800					
Warrant	NL0011619655	BRENT 37SPLOPENG	EUR	38,7100	38,7100	38,7100			38,7100					
Warrant	NL0011623616	BRENT 41SPLOPENG	EUR	35,4000	35,4000	35,4000			35,4000					
Warrant	NL0012473011	BRENT 61SPLOPENG	EUR	18,7800	18,7800	18,7800			18,7800					
Warrant	NL0012473490	BRENT 62SPLOPENG	EUR	15,5700	15,5700	15,5700			15,5700					
Warrant	NL0012828339	BRENT 73SPLOPENG	EUR	8,8400	8,8400	8,8400			8,8400					
Warrant	NL0012822530	BRENT 80SPSOPENG	EUR											
Warrant	NL0011492590	BRENT 28.4SPLOPENG	EUR	45,8300	45,8300	45,8300			45,8300					
Warrant	NL0011492350	BRENT 29.1SPLOPENG	EUR	45,2800	45,2800	45,2800			45,2800					
Warrant	NL0011491071	BRENT 31.2SPLOPENG	EUR	43,5100	43,5100	43,5100			43,5100					
Warrant	NL0011490321	BRENT 33.5SPLOPENG	EUR	41,5900	41,5900	41,5900			41,5900					
Warrant	NL0011489356	BRENT 34.4SPLOPENG	EUR	40,9100	40,9100	40,9100			40,9100					
Warrant	NL0011620216	BRENT 37.9SPLOPENG	EUR	37,9300	37,9300	37,9300			37,9300					
Warrant	NL0011622634	BRENT 39.9SPLOPENG	EUR	36,2700	36,2700	36,2700			36,2700					
Warrant	NL0011624176	BRENT 42.1SPLOPENG	EUR	34,5100	34,5100	34,5100			34,5100					
Warrant	NL0012075816	BRENT 44.8SPLOPENG	EUR	32,2300	32,2300	32,2300			32,2300					
Warrant	NL0012077036	BRENT 46.2SPLOPENG	EUR	31,0400	31,0400	31,0400			31,0400					
Warrant	NL0012077168	BRENT 47.7SPLOPENG	EUR	29,8100	29,8100	29,8100			29,8100					
Warrant	NL0012077069	BRENT 47.8SPLOPENG	EUR	27,9900	27,9900	27,9900			27,9900					
Warrant	NL0012080360	BRENT 49.2SPLOPENG	EUR	28,5500	28,5500	28,5500			28,5500					
Warrant	NL0012080527	BRENT 50.8SPLOPENG	EUR	27,2500	27,2500	27,2500			27,2500					
Warrant	NL0012080642	BRENT 52.4SPLOPENG	EUR	25,9200	25,9200	25,9200			25,9200					
Warrant	NL0012463772	BRENT 53.9SPLOPENG	EUR	24,6600	24,6600	24,6600			24,6600					
Warrant	NL0012464085	BRENT 55.6SPLOPENG	EUR	23,2400	23,2400	23,2400			23,2400					
Warrant	NL0012464994	BRENT 58.9SPLOPENG	EUR	18,2800	18,2800	18,2800			18,2800					
Warrant	NL0012465371	BRENT 59.2SPLOPENG	EUR	20,2900	20,2900	20,2900			20,2900					
Warrant	NL0012477251	BRENT 64.8SPLOPENG	EUR	15,6500	15,6500	15,6500			15,6500					
Warrant	NL0012479687	BRENT 68.8SPLOPENG	EUR	12,3300	12,3300	12,3300			12,3300					
Warrant	NL0012827646	BRENT 70.8SPLOPENG	EUR	10,6100	10,6100	10,6100			10,6100					
Warrant	NL0012480537	BRENT 70.9SPLOPENG	EUR											
Warrant	NL0012827315	BRENT 72.8SPSOPENG	EUR											
Warrant	NL0012826085	BRENT 73.1SPLOPENG	EUR											
Warrant	NL0012829667	BRENT 75.2SPLOPENG	EUR	7,0000	7,0000	7,0000			7,0000					
Warrant	NL0012828651	BRENT 75.7SPLOPENG	EUR											
Warrant	NL0012831069	BRENT 77.5SPLOPENG	EUR	5,1300	5,1300	5,1300			5,1300					
Warrant	NL0012826994	BRENT 77.5SPSOPENG	EUR											
Warrant	NL0012831051	BRENT 79.8SPLOPENG	EUR											
Warrant	NL0012831499	BRENT 82.2SPLOPENG	EUR											
Warrant	NL0012832042	BRENT 82.8SPSOPENG	EUR	6,6400	6,6400	6,6400			6,6400					
Warrant	NL0012820252	BRENT 83.4SPSOPENG	EUR											
Warrant	NL0012827653	BRENT 86.7SPSOPENG	EUR											
Warrant	NL0012819080	BRENT 86.9SPSOPENG	EUR	6,5600	6,5600	6,5600			6,5600					
Warrant	NL0012831457	BRENT 95.9SPSOPENG	EUR	14,4000	14,4000	14,4000			14,4000					
Warrant	NL0011492566	BRENT30.13SPLOPENG	EUR	43,3000	43,3000	43,3000			43,3000					
Warrant	NL0011490891	BRENT32.64SPLOPENG	EUR	41,1200	41,1200	41,1200			41,1200					
Warrant	NL0011490628	BRENT33.98SPLOPENG	EUR	39,9500	39,9500	39,9500			39,9500					
Warrant	NL0011489448	BRENT34.68SPLOPENG	EUR	39,3400	39,3400	39,3400			39,3400					
Warrant	NL0011492699	BRENT36.16SPLOPENG	EUR	38,0500	38,0500	38,0500			38,0500					
Warrant	NL0011493879	BRENT36.93SPLOPENG	EUR	37,3900	37,3900	37,3900			37,3900					
Warrant	NL0011618814	BRENT37.72SPLOPENG	EUR	36,6900	36,6900	36,6900			36,6900					
Warrant	NL0011620182	BRENT38.55SPLOPENG	EUR	35,9700	35,9700	35,9700			35,9700					
Warrant	NL0011621198	BRENT39.39SPLOPENG	EUR	35,2400	35,2400	35,2400			35,2400					
Warrant	NL0011622246	BRENT40.28SPLOPENG	EUR	34,4700	34,4700	34,4700			34,4700					
Warrant	NL0011622238	BRENT41.16SPLOPENG	EUR	33,7000	33,7000	33,7000			33,7000					
Warrant	NL0011623269	BRENT42.08SPLOPENG	EUR	32,9400	32,9400	32,9400			32,9400					
Warrant	NL0011623939	BRENT43.01SPLOPENG	EUR	32,1100	32,1100	32,1100			32,1100					
Warrant	NL0012074975	BRENT44.16SPLOPENG	EUR	31,1100	31,1100	31,1100			31,1100					
Warrant	NL0012075840	BRENT45.35SPLOPENG	EUR	30,0600	30,0600	30,0600			30,0600					
Warrant	NL0012077077	BRENT46.56SPLOPENG	EUR	29,0300	29,0300	29,0300			29,0300					
Warrant	NL0012079263	BRENT49.07SPLOPENG	EUR	26,8800	26,8800	26,8800			26,8800					
Warrant	NL0012079511	BRENT50.37SPLOPENG	EUR	25,7100	25,7100	25,7100			25,7100					
Warrant	NL0012080576	BRENT51.71SPLOPENG	EUR	24,5400	24,5400	24,5400			24,5400					
Warrant	NL0012081343	BRENT53.08SPLOPENG	EUR	23,3500	23,3500	23,3500			23,3500					
Warrant	NL0012463020	BRENT54.48SPLOPENG	EUR	22,1300	22,1300	22,1300			22,1300					
Warrant	NL0012463996	BRENT55.92SPLOPENG	EUR	20,8800	20,8800	20,8800			20,8800					
Warrant	NL0012464184	BRENT57.39SPLOPENG	EUR	19,5800	19,5800	19,5800			19,5800					
Warrant	NL0012467401	BRENT60.44SPLOPENG	EUR	16,9000	16,9000	16,9000			16,9000					
Warrant	NL0012477434	BRENT63.58SPLOPENG	EUR	14,2100	14,2100	14,2100			14,2100					
Warrant	NL0012477426	BRENT65.19SPLOPENG	EUR	12,8100	12,8100	12,8100			12,8100					
Warrant	NL0012478408	BRENT66.84SPLOPENG	EUR	11,3500	11,3500	11,3500			11,3500					
Warrant	NL0012479406	BRENT68.53SPLOPENG	EUR	9,3600	9,9100	9,3600	1253,5000	3	9,8700	130				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012827497	BRENT70.275PLOPENG	EUR	8,0500	8,3800	8,0500	241,5000	1	8,3800	30				
Warrant	NL0012479745	BRENT70.355PLOPENG	EUR											
Warrant	NL0012825079	BRENT72.055PLOPENG	EUR											
Warrant	NL0012828099	BRENT72.055PLOPENG	EUR	6,8400	6,8400	6,8400			6,8400					
Warrant	NL0012826457	BRENT72.095PLOPENG	EUR											
Warrant	NL0012828271	BRENT73.865PLOPENG	EUR	5,2500	5,2500	5,2500			5,2500					
Warrant	NL0012826093	BRENT73.875PLOPENG	EUR											
Warrant	NL0012826804	BRENT74.675PSPLOPENG	EUR											
Warrant	NL0012829618	BRENT75.745PLOPENG	EUR	3,1000	3,6100	2,9100	2864,5000	5	3,6100	890				
Warrant	NL0012828677	BRENT76.165PLOPENG	EUR											
Warrant	NL0012825293	BRENT76.865PSPLOPENG	EUR											
Warrant	NL0012830780	BRENT77.665PLOPENG	EUR	2,0500	2,0500	1,2400	2744,9500	10	1,9100	1527				
Warrant	NL0012828792	BRENT78.755PSPLOPENG	EUR											
Warrant	NL0012823975	BRENT78.795PSPLOPENG	EUR											
Warrant	NL0012830962	BRENT79.595PSPLOPENG	EUR											
Warrant	NL0012470728	BRENT80.115PSPLOPENG	EUR											
Warrant	NL0012831432	BRENT81.585PSPLOPENG	EUR											
Warrant	NL0012471346	BRENT82.115PSPLOPENG	EUR											
Warrant	NL0012832794	BRENT82.595PSPLOPENG	EUR	2,7800	2,7800	2,7800			2,7800					
Warrant	NL0012831671	BRENT83.615PSPLOPENG	EUR											
Warrant	NL0012832174	BRENT84.725PSPLOPENG	EUR	4,5300	5,0100	4,5300	3637,5000	2	4,6600	750				
Warrant	NL0012831770	BRENT84.755PSPLOPENG	EUR											
Warrant	NL0012480404	BRENT84.865PSPLOPENG	EUR											
Warrant	NL0012819627	BRENT91.295PSPLOPENG	EUR	10,3900	10,3900	10,3900			10,3900					
Warrant	NL0012831440	BRENT93.565PSPLOPENG	EUR	12,3700	12,3700	12,3700			12,3700					
Warrant	DE000CV895N8	BRUNL 15C 1218Z	EUR	0,1060	0,1060	0,1060			0,1060					
Warrant	DE000CV895M0	BRUNL 13.5C 1218Z	EUR	0,2750	0,2750	0,2750			0,2750					
Warrant	DE000CV895P3	BRUNL 16.5C 1218Z	EUR	0,0500	0,0500	0,0500			0,0500					
Warrant	NL0009903111	BTP 55SPLOPENG	EUR	66,3800	66,3800	66,3800			66,3800					
Warrant	NL0010677159	BTP 103SPLOPENG	EUR	19,5100	19,5100	19,5100			19,5100					
Warrant	NL0010687109	BTP 106SPLOPENG	EUR	15,8900	15,8900	15,8900			15,8900					
Warrant	NL0010746814	BTP 108SPLOPENG	EUR	14,0000	14,0000	14,0000			14,0000					
Warrant	NL0010812095	BTP 114SPLOPENG	EUR	8,4100	8,4100	8,4100			8,4100					
Warrant	NL0011299441	BTP 116SPLOPENG	EUR	6,4100	6,4100	6,4100			6,4100					
Warrant	NL0012828446	BTP 120SPLOPENG	EUR											
Warrant	NL0012829733	BTP 123SPLOPENG	EUR											
Warrant	NL0012480941	BTP 138SPSPLOPENG	EUR	23,6700	23,6700	23,6700			23,6700					
Warrant	NL0012831929	BTP 115.3SPLOPENG	EUR	3,6500	3,6500	3,6500			3,6500					
Warrant	NL0012831515	BTP 117.1SPLOPENG	EUR	1,9000	1,9000	1,9000			1,9000					
Warrant	NL0012828180	BTP 118.8SPLOPENG	EUR											
Warrant	NL0012826911	BTP 120.6SPLOPENG	EUR											
Warrant	NL0012831937	BTP 123.1SPSPLOPENG	EUR	4,3500	4,3500	4,3500			4,3500					
Warrant	NL0012823223	BTP 123.9SPLOPENG	EUR											
Warrant	NL0012831523	BTP 124.4SPSPLOPENG	EUR	5,6100	5,6100	5,6100			5,6100					
Warrant	NL0012831333	BTP 125.6SPSPLOPENG	EUR	6,8700	6,8700	6,8700			6,8700					
Warrant	NL0012823215	BTP 125.8SPLOPENG	EUR											
Warrant	NL0012826929	BTP 125.8SPSPLOPENG	EUR											
Warrant	NL0012826267	BTP 127.1SPSPLOPENG	EUR											
Warrant	NL0012825400	BTP 129.5SPSPLOPENG	EUR	10,7300	10,7300	10,7300			10,7300					
Warrant	NL0012820260	BTP 130.8SPSPLOPENG	EUR	12,0700	12,0700	12,0700			12,0700					
Warrant	NL0012820278	BTP 132.2SPSPLOPENG	EUR	13,4300	13,4300	13,4300			13,4300					
Warrant	NL0012819635	BTP 133.5SPSPLOPENG	EUR	14,8000	14,8000	14,8000			14,8000					
Warrant	NL0012465744	BTP 136.3SPSPLOPENG	EUR	17,5500	17,5900	17,5500	1755,0000	1	17,5900	100				
Warrant	NL0012819445	BTP 139.1SPSPLOPENG	EUR	20,3900	20,3900	20,3900			20,3900					
Warrant	NL0012479299	BTP 139.5SPSPLOPENG	EUR	20,7500	20,7500	20,7500			20,7500					
Warrant	NL0010598942	BUND 132SPLOPENG	EUR	30,5000	30,5000	30,5000			30,5000					
Warrant	NL0010600979	BUND 133SPLOPENG	EUR	29,0000	29,0000	29,0000			29,0000					
Warrant	NL0010602199	BUND 135SPLOPENG	EUR	27,4700	27,4700	27,4700			27,4700					
Warrant	NL0010677332	BUND 136SPLOPENG	EUR	25,9300	25,9300	25,9300			25,9300					
Warrant	NL0010743076	BUND 138SPLOPENG	EUR	24,4000	24,4000	24,4000			24,4000					
Warrant	NL0010751699	BUND 139SPLOPENG	EUR	22,8700	22,8700	22,8700			22,8700					
Warrant	NL0010753711	BUND 141SPLOPENG	EUR	21,3200	21,3200	21,3200			21,3200					
Warrant	NL0010812079	BUND 142SPLOPENG	EUR	19,8400	19,8400	19,8400			19,8400					
Warrant	NL0010951513	BUND 144SPLOPENG	EUR	18,1900	18,1900	18,1900			18,1900					
Warrant	NL0011293840	BUND 146SPLOPENG	EUR	16,6400	16,6400	16,6400			16,6400					
Warrant	NL0011304571	BUND 147SPLOPENG	EUR	15,1500	15,1500	15,1500			15,1500					
Warrant	NL0011484191	BUND 149SPLOPENG	EUR	13,4700	13,4700	13,4700			13,4700					
Warrant	NL0011491238	BUND 151SPLOPENG	EUR	11,8500	11,8500	11,8500			11,8500					
Warrant	NL0011616313	BUND 152SPLOPENG	EUR	10,2100	10,2100	10,2100			10,2100					
Warrant	NL0012475529	BUND 154SPLOPENG	EUR	8,6900	8,6900	8,6900			8,6900					
Warrant	NL0012478267	BUND 155SPLOPENG	EUR	7,1500	7,1500	7,1500			7,1500					
Warrant	NL0012821086	BUND 157SPLOPENG	EUR	5,5900	5,5900	5,5900			5,5900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012822548	BUND 162SPSOPENG	EUR	4,7600	4,7600	4,7600			4,7600					
Warrant	NL0012822704	BUND 163SPSOPENG	EUR	6,4300	6,4300	6,4300			6,4300					
Warrant	NL0012822712	BUND 165SPSOPENG	EUR	8,1100	8,1100	8,1100			8,1100					
Warrant	NL0010600128	BUND 132.7SPLOPENG	EUR	27,1900	27,1900	27,1900			27,1900					
Warrant	NL0010602470	BUND 134.2SPLOPENG	EUR	25,6400	25,6400	25,6400			25,6400					
Warrant	NL0010676979	BUND 135.8SPLOPENG	EUR	24,0800	24,0800	24,0800			24,0800					
Warrant	NL0010689576	BUND 137.3SPLOPENG	EUR	22,5200	22,5200	22,5200			22,5200					
Warrant	NL0010742771	BUND 138.9SPLOPENG	EUR	20,9400	20,9400	20,9400			20,9400					
Warrant	NL0010754107	BUND 140.5SPLOPENG	EUR	19,3600	19,3600	19,3600			19,3600					
Warrant	NL0010811097	BUND 142.1SPLOPENG	EUR	17,7700	17,7700	17,7700			17,7700					
Warrant	NL0010814075	BUND 143.7SPLOPENG	EUR	16,1600	16,1600	16,1600			16,1600					
Warrant	NL0011293279	BUND 145.3SPLOPENG	EUR	14,5800	14,5800	14,5800			14,5800					
Warrant	NL0011303490	BUND 146.9SPLOPENG	EUR	12,9700	12,9700	12,9700			12,9700					
Warrant	NL0011355631	BUND 148.5SPLOPENG	EUR	11,3500	11,3500	11,3500			11,3500					
Warrant	NL0011488937	BUND 150.1SPLOPENG	EUR	9,7800	9,7800	9,7800			9,7800					
Warrant	NL0011493366	BUND 151.7SPLOPENG	EUR	8,1200	8,1200	8,1200			8,1200					
Warrant	NL0012475602	BUND 153.3SPLOPENG	EUR	6,5600	6,5600	6,5600			6,5600					
Warrant	NL0012478093	BUND 154.9SPLOPENG	EUR	4,9800	4,9800	4,9800			4,9800					
Warrant	NL0012821110	BUND 156.5SPLOPENG	EUR	3,4000	3,4000	3,3200	170,0000	1	3,3200	50				
Warrant	NL0012824684	BUND 157.9SPLOPENG	EUR											
Warrant	NL0012821763	BUND 160.8SPSOPENG	EUR	1,1800	1,1800	1,1800			1,1800					
Warrant	NL0012463145	BUND 161.5SPSOPENG	EUR	2,7000	2,7000	1,8400	5610,1000	9	1,8400	2190				
Warrant	NL0012466403	BUND 163.2SPSOPENG	EUR	3,5100	3,5100	3,5100			3,5100					
Warrant	NL0012821771	BUND 164.2SPSOPENG	EUR	4,5100	4,5100	4,5100			4,5100					
Warrant	NL0012825392	BUND 165.8SPSOPENG	EUR	6,1600	6,1600	6,1600			6,1600					
Warrant	NL0009904192	CAC40 2380SPLOPENG	EUR	27,7800	27,7800	27,7800			27,7800					
Warrant	NL0010085486	CAC40 2540SPLOPENG	EUR	26,1900	26,1900	26,1900			26,1900					
Warrant	NL0010205258	CAC40 2890SPLOPENG	EUR	22,7600	22,7600	22,7600			22,7600					
Warrant	NL0010218921	CAC40 3080SPLOPENG	EUR	20,9400	20,9400	20,9400			20,9400					
Warrant	NL0010466389	CAC40 3310SPLOPENG	EUR	18,6300	18,6300	18,6300			18,6300					
Warrant	NL0011618087	CAC40 3333SPLOPENG	EUR	17,8300	17,8300	17,8300			17,8300					
Warrant	NL0010677837	CAC40 3409SPLOPENG	EUR	17,0600	17,0600	17,0600			17,0600					
Warrant	NL0010677829	CAC40 3493SPLOPENG	EUR	16,2200	16,2200	16,2200			16,2200					
Warrant	NL0011618186	CAC40 3540SPLOPENG	EUR	16,4000	16,4000	16,4000			16,4000					
Warrant	NL0011618939	CAC40 3571SPLOPENG	EUR	15,4600	15,4600	15,4600			15,4600					
Warrant	NL0011619887	CAC40 3651SPLOPENG	EUR	14,6900	14,6900	14,6900			14,6900					
Warrant	NL0011620273	CAC40 3780SPLOPENG	EUR	14,0400	14,0400	14,0400			14,0400					
Warrant	NL0011845045	CAC40 3893SPLOPENG	EUR	12,2800	12,2800	12,2800			12,2800					
Warrant	NL0011847660	CAC40 3900SPLOPENG	EUR	12,8400	12,8400	12,8400			12,8400					
Warrant	NL0011848221	CAC40 3977SPLOPENG	EUR	11,4500	11,4500	11,4500			11,4500					
Warrant	NL0011848106	CAC40 4030SPLOPENG	EUR	11,6100	11,6100	11,6100			11,6100					
Warrant	NL0011848213	CAC40 4062SPLOPENG	EUR	10,5900	10,5900	10,5900			10,5900					
Warrant	NL0011849195	CAC40 4149SPLOPENG	EUR	9,7200	9,7200	9,7200			9,7200					
Warrant	NL0011851258	CAC40 4160SPLOPENG	EUR	10,3400	10,3400	10,3400			10,3400					
Warrant	NL0011859897	CAC40 4238SPLOPENG	EUR	8,8400	8,8400	8,8400			8,8400					
Warrant	NL0011618194	CAC40 4300SPSOPENG	EUR											
Warrant	NL0011861695	CAC40 4328SPLOPENG	EUR	7,9300	7,9300	7,9300			7,9300					
Warrant	NL0011862362	CAC40 4420SPLOPENG	EUR	7,0100	7,0100	7,0100			7,0100					
Warrant	NL0011863147	CAC40 4430SPLOPENG	EUR	7,6900	7,6900	7,6900			7,6900					
Warrant	NL0011862933	CAC40 4514SPLOPENG	EUR	6,0700	6,0700	6,0700			6,0700					
Warrant	NL0012062426	CAC40 4570SPLOPENG	EUR	6,3000	6,3000	6,3000			6,3000					
Warrant	NL0012065635	CAC40 4610SPLOPENG	EUR	5,1100	5,1100	5,1100			5,1100					
Warrant	NL0012066963	CAC40 4708SPLOPENG	EUR	4,1200	4,1200	4,1200			4,1200					
Warrant	NL0012068712	CAC40 4710SPLOPENG	EUR	4,8800	4,8800	4,8800			4,8800					
Warrant	NL0012069389	CAC40 4807SPLOPENG	EUR	3,1900	3,1900	3,1900			3,1900					
Warrant	NL0012070700	CAC40 4860SPLOPENG	EUR	3,4200	3,4200	3,4200			3,4200					
Warrant	NL0012070510	CAC40 4909SPLOPENG	EUR	2,1300	2,1300	2,1300			2,1300					
Warrant	NL0012478606	CAC40 5009SPLOPENG	EUR	1,3200	1,3200	1,1200	1320,0000	1	1,1200	1000				
Warrant	NL0012478473	CAC40 5010SPLOPENG	EUR	1,9500	1,9500	1,9500			1,9500					
Warrant	NL0012479828	CAC40 5110SPLOPENG	EUR											
Warrant	NL0012480578	CAC40 5160SPLOPENG	EUR											
Warrant	NL0012480487	CAC40 5215SPLOPENG	EUR											
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 5336SPSOPENG	EUR	1,9300	2,5700	1,9300	429,0000	2	2,5700	200				
Warrant	NL0012063440	CAC40 5353SPSOPENG	EUR											
Warrant	NL0012832471	CAC40 5445SPSOPENG	EUR	3,6600	3,6600	3,6600			3,6600					
Warrant	NL0012828941	CAC40 5465SPSOPENG	EUR											
Warrant	NL0012827398	CAC40 5473SPSOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument 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	NL0012076624	CAC40 5520SPSOPENG	EUR											
Warrant	NL0012462097	CAC40 5556SPSOPENG	EUR	4,4600	4,7700	4,4600	4460,0000	1	4,7700	1000				
Warrant	NL0012464515	CAC40 5671SPSOPENG	EUR	5,9200	5,9200	5,9200			5,9200					
Warrant	NL0012465421	CAC40 5680SPSOPENG	EUR	6,9200	6,9200	6,9200			6,9200					
Warrant	NL0012464523	CAC40 5787SPSOPENG	EUR	7,0900	7,0900	7,0900			7,0900					
Warrant	NL0012819882	CAC40 5860SPSOPENG	EUR	8,7800	8,7800	8,7800			8,7800					
Warrant	NL0012818678	CAC40 5905SPSOPENG	EUR	8,2600	8,2600	8,2600			8,2600					
Warrant	NL0012820229	CAC40 6025SPSOPENG	EUR	9,4600	9,4600	9,4600			9,4600					
Warrant	DE000CV8AM37	CATER 140C 0319Z	EUR	0,1450	0,1450	0,1450			0,1450					
Warrant	DE000CV8AM29	CATER 140C 1218Z	EUR	0,0920	0,0920	0,0920			0,0920					
Warrant	DE000CV8AK05	CATER 160C 0319Z	EUR	0,0430	0,0430	0,0430			0,0430					
Warrant	DE000CV8AJ21	CATER 160C 1218Z	EUR	0,0150	0,0150	0,0150			0,0150					
Warrant	NL0012830400	CFOUR 12SPLOPENG	EUR	5,5000	5,8300	5,5000			5,8300					
Warrant	NL0012824304	CFOUR 8.1SPLOPENG	EUR	9,1800	9,5100	9,1800			9,5100					
Warrant	NL0012467880	CFOUR 11.8SPLOPENG	EUR	5,7000	6,0300	5,7000			6,0300					
Warrant	NL0010690061	CISCO 19.7SPLOPENG	EUR	23,7000	23,7000	23,7000			23,7000					
Warrant	DE000CV8AK21	COCA 48C 1218Z	EUR	0,0580	0,0580	0,0580			0,0580					
Warrant	DE000CJ3N9T4	COCA 50C 0319Z	EUR	0,0560	0,0560	0,0560			0,0560					
Warrant	DE000CV8AK39	COCA 52C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	DE000CJ3N9S6	COCA 45.5C 0319Z	EUR	0,3150	0,3150	0,3150			0,3150					
Warrant	DE000CV895Q1	COLRT 40C 1218Z	EUR	2,1200	2,1200	2,1200			2,1200					
Warrant	DE000CV895R9	COLRT 45C 1218Z	EUR	1,1950	1,1950	1,1950			1,1950					
Warrant	DE000CJ3N9E6	COLRT 54C 0319Z	EUR	0,2450	0,2450	0,2450			0,2450					
Warrant	DE000CV8AMM3	COLRT 55C 1218Z	EUR	0,1050	0,1050	0,1050			0,1050					
Warrant	DE000CV8AMN1	COLRT 60C 0319Z	EUR	0,0530	0,0530	0,0530			0,0530					
Warrant	NL00009902550	CRBN 4SPLOPENG	EUR	24,1800	24,2000	24,1800			24,2000					
Warrant	NL0012068985	CRBN 23SPLOPENG	EUR	6,9200	6,9400	6,9200			6,9400					
Warrant	NL0010095485	CRBN 6.9SPLOPENG	EUR	21,5400	21,5600	21,5400			21,5600					
Warrant	NL0010830915	CRBN 7.9SPLOPENG	EUR	20,6500	20,6700	20,6500			20,6700					
Warrant	NL0010963047	CRBN 10.1SPLOPENG	EUR	18,6300	18,6500	18,6300			18,6500					
Warrant	NL0011020557	CRBN 11.4SPLOPENG	EUR	17,4900	17,5100	17,4900			17,5100					
Warrant	NL0011027339	CRBN 12.7SPLOPENG	EUR	16,2300	16,2500	16,2300			16,2500					
Warrant	NL0011211339	CRBN 14.2SPLOPENG	EUR	14,8700	14,8900	14,8700			14,8900					
Warrant	NL0011301106	CRBN 15.8SPLOPENG	EUR	13,4700	13,4900	13,4700			13,4900					
Warrant	NL0011844048	CRBN 17.3SPLOPENG	EUR	12,0400	12,0600	12,0400			12,0600					
Warrant	NL0011861935	CRBN 19.1SPLOPENG	EUR	10,4800	10,5000	10,4800			10,5000					
Warrant	NL0012064638	CRBN 20.9SPLOPENG	EUR	8,7700	8,7900	8,7700			8,7900					
Warrant	NL0012819387	CRBN 25.1SPLOPENG	EUR	4,9800	5,0000	4,9800			5,0000					
Warrant	NL0012824106	CRBN 27.3SPLOPENG	EUR											
Warrant	NL0012074470	CRBN 29.9SPSOPENG	EUR	5,6600	5,6600	5,6600			5,6600					
Warrant	NL0006427155	DAX 3920SPLOPENG	EUR	77,4300	77,4300	77,4300			77,4300					
Warrant	NL00009105154	DAX 5020SPLOPENG	EUR	66,7400	66,7400	66,7400			66,7400					
Warrant	NL00009111020	DAX 5640SPLOPENG	EUR	60,7300	60,7300	60,7300			60,7300					
Warrant	NL00009881242	DAX 6160SPLOPENG	EUR	55,6700	55,6700	55,6700			55,6700					
Warrant	NL00009904523	DAX 6470SPLOPENG	EUR	52,6900	52,6900	52,6900			52,6900					
Warrant	NL0010086088	DAX 7140SPLOPENG	EUR	46,1800	46,1800	46,1800			46,1800					
Warrant	NL0010215034	DAX 7498SPLOPENG	EUR	40,6600	40,6600	40,6600			40,6600					
Warrant	NL0010203725	DAX 7580SPLOPENG	EUR	41,9600	41,9600	41,9600			41,9600					
Warrant	NL0010214672	DAX 7645SPLOPENG	EUR	39,1900	39,1900	39,1900			39,1900					
Warrant	NL0010215646	DAX 7880SPLOPENG	EUR	39,0000	39,0000	39,0000			39,0000					
Warrant	NL0010216016	DAX 8040SPLOPENG	EUR	37,4700	37,4700	37,4700			37,4700					
Warrant	NL0010215976	DAX 8113SPLOPENG	EUR	34,5200	34,5200	34,5200			34,5200					
Warrant	NL0010359915	DAX 8234SPLOPENG	EUR	33,3000	33,3000	33,3000			33,3000					
Warrant	NL0010360830	DAX 8358SPLOPENG	EUR	32,0700	32,0700	32,0700			32,0700					
Warrant	NL0010360764	DAX 8360SPLOPENG	EUR	34,3200	34,3200	34,3200			34,3200					
Warrant	NL0010466132	DAX 8483SPLOPENG	EUR	30,8100	30,8100	30,8100			30,8100					
Warrant	NL0010465514	DAX 8530SPLOPENG	EUR	32,6900	32,6900	32,6900			32,6900					
Warrant	NL0010467742	DAX 8611SPLOPENG	EUR	29,5400	29,5400	29,5400			29,5400					
Warrant	NL0010468914	DAX 8700SPLOPENG	EUR	31,0400	31,0400	31,0400			31,0400					
Warrant	NL0010468906	DAX 8740SPLOPENG	EUR	28,2500	28,2500	28,2500			28,2500					
Warrant	NL0010526406	DAX 8870SPLOPENG	EUR	29,3500	29,3500	29,3500			29,3500					
Warrant	NL0010526083	DAX 8871SPLOPENG	EUR	26,6000	26,9400	26,6000	1862,0000	1	26,9400	70				
Warrant	NL0010829685	DAX 9050SPLOPENG	EUR	27,6100	27,6100	27,6100			27,6100					
Warrant	NL0010829842	DAX 9095SPLOPENG	EUR	24,7100	24,7100	24,7100			24,7100					
Warrant	NL0011619531	DAX 9140SPLOPENG	EUR	26,7400	26,7400	26,7400			26,7400					
Warrant	NL0011619929	DAX 9232SPLOPENG	EUR	23,3300	23,3300	23,3300			23,3300					
Warrant	NL0011620596	DAX 9322SPLOPENG	EUR											
Warrant	NL0011619911	DAX 9325SPLOPENG	EUR	22,4000	22,4000	22,4000			22,4000					
Warrant	NL0011619523	DAX 9330SPLOPENG	EUR	24,9500	24,9500	24,9500			24,9500					
Warrant	NL0011619903	DAX 9371SPLOPENG	EUR	23,9000	23,9000	21,8300	19169,9100	33	21,9800	852				
Warrant	NL0011619895	DAX 9418SPLOPENG	EUR	21,5200	21,5200	21,5200			21,5200					
Warrant	NL0011620281	DAX 9510SPLOPENG	EUR	23,1300	23,1300	23,1300			23,1300					



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	NL0011620414	DAX 9512SPLOPENG	EUR	20,5700	20,5700	20,5700			20,5700					
Warrant	NL0011622576	DAX 9560SPLOPENG	EUR	20,1000	20,1000	20,1000			20,1000					
Warrant	NL0011845078	DAX 9608SPLOPENG	EUR	19,6700	19,6700	19,6700			19,6700					
Warrant	NL0011847223	DAX 9610SPLOPENG	EUR	22,2100	22,2100	22,2100			22,2100					
Warrant	NL0011847272	DAX 9656SPLOPENG	EUR	19,1900	19,1900	19,1900			19,1900					
Warrant	NL0011847215	DAX 9700SPLOPENG	EUR	21,2700	21,2700	21,2700			21,2700					
Warrant	NL0011847264	DAX 9704SPLOPENG	EUR	18,7000	18,7000	18,7000			18,7000					
Warrant	NL0011847793	DAX 9752SPLOPENG	EUR	18,2200	18,2200	18,2200			18,2200					
Warrant	NL0011847785	DAX 9801SPLOPENG	EUR	17,7400	17,7400	17,7400			17,7400					
Warrant	NL0011847777	DAX 9850SPLOPENG	EUR	17,2500	17,2500	17,2500			17,2500					
Warrant	NL0011847769	DAX 9899SPLOPENG	EUR	16,7500	16,7500	16,7500			16,7500					
Warrant	NL0011847678	DAX 9900SPLOPENG	EUR	19,3900	19,3900	19,3900			19,3900					
Warrant	NL0011848254	DAX 9949SPLOPENG	EUR	16,2600	16,2600	16,2600			16,2600					
Warrant	NL0011848247	DAX 10048SPLOPENG	EUR	15,2600	15,2600	15,2600			15,2600					
Warrant	NL0011848239	DAX 10099SPLOPENG	EUR	14,7600	14,7600	14,7600			14,7600					
Warrant	NL0011848114	DAX 10100SPLOPENG	EUR	17,4500	17,4500	17,4500			17,4500					
Warrant	NL0011848486	DAX 10149SPLOPENG	EUR	14,2500	14,2500	14,2500			14,2500					
Warrant	NL0011848858	DAX 10200SPLOPENG	EUR	16,5000	16,5000	16,5000			16,5000					
Warrant	NL0011848601	DAX 10200SPLOPENG	EUR	13,7500	13,7500	13,7500			13,7500					
Warrant	NL0011849203	DAX 10251SPLOPENG	EUR	13,3200	13,3200	13,3200			13,3200					
Warrant	NL0011849393	DAX 10353SPLOPENG	EUR	12,2700	12,2700	12,2700			12,2700					
Warrant	NL0011849765	DAX 10400SPLOPENG	EUR	14,4800	14,4800	14,4800			14,4800					
Warrant	NL0011851779	DAX 10404SPLOPENG	EUR											
Warrant	NL0011849559	DAX 10405SPLOPENG	EUR	11,7600	11,7600	11,7600			11,7600					
Warrant	NL0011853676	DAX 10456SPLOPENG	EUR											
Warrant	NL0011849542	DAX 10457SPLOPENG	EUR	11,2400	11,2400	11,2400			11,2400					
Warrant	NL0011853734	DAX 10460SPLOPENG	EUR											
Warrant	NL0011853858	DAX 10508SPLOPENG	EUR											
Warrant	NL0011859301	DAX 10509SPLOPENG	EUR	10,7200	10,7200	10,7200			10,7200					
Warrant	NL0011859285	DAX 10510SPLOPENG	EUR	13,4800	13,4800	13,4800			13,4800					
Warrant	NL0011859947	DAX 10560SPLOPENG	EUR	10,2100	10,2100	10,2100			10,2100					
Warrant	NL0011859939	DAX 10666SPLOPENG	EUR	9,1500	9,1500	9,1500			9,1500					
Warrant	NL0011862131	DAX 10719SPLOPENG	EUR	8,6100	8,6100	8,6100			8,6100					
Warrant	NL0011859582	DAX 10720SPLOPENG	EUR	11,4400	11,4400	11,4400			11,4400					
Warrant	NL0011862123	DAX 10773SPLOPENG	EUR	8,0800	8,0800	8,0800			8,0800					
Warrant	NL0011862396	DAX 10935SPLOPENG	EUR	6,5500	6,6800	6,4900	19780,0000	6	6,4900	3000				
Warrant	NL0011862388	DAX 10990SPLOPENG	EUR	5,9500	5,9500	5,9500			5,9500					
Warrant	NL0011862834	DAX 11040SPLOPENG	EUR	8,3200	8,3200	8,3200			8,3200					
Warrant	NL0011862370	DAX 11045SPLOPENG	EUR	5,3600	5,3600	5,3600			5,3600					
Warrant	NL0011862768	DAX 11099SPLOPENG	EUR	4,8200	4,8200	4,8200			4,8200					
Warrant	NL0011862750	DAX 11154SPLOPENG	EUR	5,9600	5,9900	4,2700	17925,0000	2	4,2700	3000				
Warrant	NL0011862958	DAX 11210SPLOPENG	EUR	3,6800	3,6800	3,6800			3,6800					
Warrant	NL0011863154	DAX 11260SPLOPENG	EUR	6,1500	6,1500	6,1500			6,1500					
Warrant	NL0011862941	DAX 11266SPLOPENG	EUR	4,6500	5,5000	3,1500	5972,0000	6	3,1500	1200				
Warrant	NL0012061535	DAX 11322SPLOPENG	EUR	3,9400	3,9400	2,5800	292,4800	2	2,5800	81				
Warrant	NL0012062004	DAX 11370SPLOPENG	EUR	5,0600	5,0600	5,0600			5,0600					
Warrant	NL0012061527	DAX 11379SPLOPENG	EUR	3,2200	3,2200	2,0200	1610,0000	1	2,0200	500				
Warrant	NL0012061659	DAX 11436SPLOPENG	EUR	3,0300	3,6300	1,4800	63004,9400	18	1,4800	20049				
Warrant	NL0012063580	DAX 11490SPLOPENG	EUR											
Warrant	NL0012062251	DAX 11491SPLOPENG	EUR											
Warrant	NL0012832935	DAX 11492SPLOPENG	EUR	2,5000	2,5000	0,9000	865,9000	5	0,9000	380				
Warrant	NL0012062400	DAX 11547SPLOPENG	EUR											
Warrant	NL0012064547	DAX 11600SPLOPENG	EUR											
Warrant	NL0012062533	DAX 11663SPLOPENG	EUR											
Warrant	NL0012065023	DAX 11720SPLOPENG	EUR											
Warrant	NL0012063010	DAX 11721SPLOPENG	EUR											
Warrant	NL0012064836	DAX 11779SPLOPENG	EUR											
Warrant	NL0012832489	DAX 11786SPLOPENG	EUR											
Warrant	NL0012478069	DAX 11838SPLOPENG	EUR											
Warrant	NL0012065841	DAX 11840SPLOPENG	EUR											
Warrant	NL0012478648	DAX 11881SPLOPENG	EUR											
Warrant	NL0012830210	DAX 11897SPLOPENG	EUR											
Warrant	NL0012832497	DAX 11904SPLOPENG	EUR	2,4900	3,9100	1,5400	63075,9600	29	3,9100	26823				
Warrant	NL0012822852	DAX 11940SPLOPENG	EUR											
Warrant	NL0012478630	DAX 11940SPLOPENG	EUR											
Warrant	NL0012830517	DAX 11956SPLOPENG	EUR											
Warrant	NL0012478622	DAX 11988SPLOPENG	EUR											
Warrant	NL0012830657	DAX 12016SPLOPENG	EUR											
Warrant	NL0012832505	DAX 12024SPLOPENG	EUR	4,7800	5,1100	4,7800	478,0000	1	5,1100	100				
Warrant	NL0012478614	DAX 12058SPLOPENG	EUR											
Warrant	NL0012822845	DAX 12060SPLOPENG	EUR											
Warrant	NL0012830640	DAX 12076SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument 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	NL0012479331	DAX 12118SPLOPENG	EUR											
Warrant	NL0012830632	DAX 12136SPLOPENG	EUR											
Warrant	NL0012822837	DAX 12160SPLOPENG	EUR											
Warrant	NL0012823447	DAX 121675SPLOPENG	EUR											
Warrant	NL0012828958	DAX 121695SPLOPENG	EUR											
Warrant	NL0012827778	DAX 12178SPLOPENG	EUR											
Warrant	NL0012829204	DAX 121805SPLOPENG	EUR											
Warrant	NL0012823439	DAX 12228SPLOPENG	EUR											
Warrant	NL0012828966	DAX 122295SPLOPENG	EUR											
Warrant	NL0012828347	DAX 122395SPLOPENG	EUR											
Warrant	NL0012823884	DAX 122805SPLOPENG	EUR											
Warrant	NL0012823645	DAX 122895SPLOPENG	EUR											
Warrant	NL0012828974	DAX 122905SPLOPENG	EUR											
Warrant	NL0012829212	DAX 123105SPLOPENG	EUR											
Warrant	NL0012824585	DAX 123495SPLOPENG	EUR											
Warrant	NL0012828982	DAX 12351SPLOPENG	EUR											
Warrant	NL0012824924	DAX 124005SPLOPENG	EUR											
Warrant	NL0012824577	DAX 124105SPLOPENG	EUR											
Warrant	NL0012828990	DAX 124135SPLOPENG	EUR											
Warrant	NL0012829006	DAX 124545SPLOPENG	EUR	9,4000	9,4000	9,4000			9,4000					
Warrant	NL0012824569	DAX 12472SPLOPENG	EUR											
Warrant	NL0012827406	DAX 124955SPLOPENG	EUR											
Warrant	NL0012829014	DAX 125165SPLOPENG	EUR	10,0300	10,0300	10,0300			10,0300					
Warrant	NL0012825681	DAX 125275SPLOPENG	EUR											
Warrant	NL0012825632	DAX 125305SPLOPENG	EUR											
Warrant	NL0012067300	DAX 125775SPLOPENG	EUR											
Warrant	NL0012829022	DAX 125795SPLOPENG	EUR	10,6600	10,6600	10,6600			10,6600					
Warrant	NL0011194345	DAX 126005SPLOPENG	EUR											
Warrant	NL0012067656	DAX 126405SPLOPENG	EUR											
Warrant	NL0012829030	DAX 126425SPLOPENG	EUR	9,2100	11,2900	8,9200	1601,9100	3	11,2900	167				
Warrant	NL0012826762	DAX 127065SPLOPENG	EUR	12,0800	12,0800	11,9200	36,2400	1	11,9200	3				
Warrant	NL0012826770	DAX 127705SPLOPENG	EUR	12,5600	12,5600	12,5600			12,5600					
Warrant	NL0012822233	DAX 128345SPLOPENG	EUR	13,2800	13,2800	13,2800			13,2800					
Warrant	NL0012822241	DAX 128985SPLOPENG	EUR	13,8500	13,8500	13,8500			13,8500					
Warrant	NL0012822258	DAX 129635SPLOPENG	EUR	14,5000	14,5000	14,5000			14,5000					
Warrant	NL0012822266	DAX 130285SPLOPENG	EUR	12,9200	15,1500	12,9200	13175,0000	4	15,1500	1000				
Warrant	NL0012826283	DAX 130505SPLOPENG	EUR	19,0200	19,0200	19,0200			19,0200					
Warrant	NL0012471874	DAX 130945SPLOPENG	EUR	15,7800	15,7800	15,7800			15,7800					
Warrant	NL0012471882	DAX 131605SPLOPENG	EUR	16,4600	16,4600	16,4600			16,4600					
Warrant	NL0012471890	DAX 132265SPLOPENG	EUR	17,1200	17,1200	17,1200			17,1200					
Warrant	NL0012471270	DAX 132905SPLOPENG	EUR	17,8700	17,8700	17,8700			17,8700					
Warrant	NL0012820351	DAX 133205SPLOPENG	EUR	21,7500	21,7500	21,7500			21,7500					
Warrant	NL0012471288	DAX 133575SPLOPENG	EUR	18,5400	18,5400	18,5400			18,5400					
Warrant	NL0012463533	DAX 134245SPLOPENG	EUR	19,2000	19,2000	19,2000			19,2000					
Warrant	NL0012464242	DAX 134505SPLOPENG	EUR	23,1300	23,1300	23,1300			23,1300					
Warrant	NL0012464150	DAX 134915SPLOPENG	EUR	19,8700	19,8700	19,8700			19,8700					
Warrant	NL0012464168	DAX 135585SPLOPENG	EUR	20,5400	20,5400	20,5400			20,5400					
Warrant	NL0012464564	DAX 136265SPLOPENG	EUR	21,2200	21,2200	21,2200			21,2200					
Warrant	NL0012464572	DAX 136945SPLOPENG	EUR	21,8000	21,8000	21,8000			21,8000					
Warrant	NL0012464580	DAX 137625SPLOPENG	EUR	22,4900	22,4900	22,4900			22,4900					
Warrant	NL0012470082	DAX 138315SPLOPENG	EUR	23,1800	23,1800	23,1800			23,1800					
Warrant	NL0012470439	DAX 138605SPLOPENG	EUR	27,3300	27,3300	27,3300			27,3300					
Warrant	NL0012470744	DAX 139015SPLOPENG	EUR	23,8800	23,8800	23,8800			23,8800					
Warrant	NL0012470751	DAX 139715SPLOPENG	EUR	24,5700	24,5700	24,5700			24,5700					
Warrant	NL0012470769	DAX 140415SPLOPENG	EUR	25,2700	25,2700	25,2700			25,2700					
Warrant	NL0012823892	DAX 141405SPLOPENG	EUR	30,2000	30,2000	30,2000			30,2000					
Warrant	NL0012823090	DBANK 9SPLOPENG	EUR	1,6700	1,6700	1,4300			1,4300					
Warrant	NL0011615497	DBANK 18SPLOPENG	EUR	10,2700	10,5000	10,2700			10,5000					
Warrant	NL0011855648	DBANK 5.95PLOPENG	EUR	4,5200	4,5200	4,2900			4,2900					
Warrant	NL0011850193	DBANK 7.45PLOPENG	EUR	3,1600	3,1600	2,9300			2,9300					
Warrant	NL0011856216	DBANK 8.35PLOPENG	EUR	2,3600	2,3600	2,1300			2,1300					
Warrant	NL0012824122	DBANK 9.85PLOPENG	EUR											
Warrant	NL0012826192	DBANK 10.75PLOPENG	EUR											
Warrant	NL0012820658	DBANK 11.35PLOPENG	EUR	2,7400	2,9800	2,7400			2,9800					
Warrant	NL0012477798	DBANK 12.75PLOPENG	EUR	4,3000	4,5300	4,3000			4,5300					
Warrant	NL0012476329	DBANK 14.25PLOPENG	EUR	6,0600	6,3000	6,0600			6,3000					
Warrant	DE000CV8AJK3	DDD 13C 1218Z	EUR	4,4650	4,4650	4,4650			4,4650					
Warrant	DE000CV8AJL1	DDD 14C 0319Z	EUR	4,4800	4,4800	4,4800			4,4800					
Warrant	DE000CV8AM11	DDD 14C 1218Z	EUR	3,8200	3,8200	3,8200			3,8200					
Warrant	DE000CV8ASL2	DDD 18C 1218Z	EUR	1,8300	1,8300	1,8300			1,8300					
Warrant	DE000CV8ASN8	DDD 19C 0319Z	EUR	2,3100	2,3100	2,3100			2,3100					
Warrant	DE000CV8ASMO	DDD 20C 1218Z	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
Warrant	DE000CV8AVV5	DDD 22C 1218Z	EUR	0,7850	0,7850	0,7850			0,7850					
Warrant	NL0009878198	DJBKS 86SPLOPENG	EUR	6,6900	6,6900	6,4300			6,4300					
Warrant	NL0011849096	DJBKS 101SPLOPENG	EUR	5,2100	5,2100	4,9500			4,9500					
Warrant	NL0011851290	DJBKS 110SPLOPENG	EUR	4,4100	4,4100	4,1500			4,1500					
Warrant	NL0011853098	DJBKS 119SPLOPENG	EUR	3,5300	3,5300	3,2700			3,2700					
Warrant	NL0011857883	DJBKS 129SPLOPENG	EUR	2,5800	2,5800	2,3200			2,3200					
Warrant	NL0011862883	DJBKS 139SPLOPENG	EUR	1,5700	1,5700	1,3100			1,3100					
Warrant	NL0012064588	DJBKS 151SPLOPENG	EUR											
Warrant	NL0011359484	DJBKS 188SPSOPENG	EUR											
Warrant	NL0010601126	DJBKS 191SPSOPENG	EUR	5,1800	5,4400	5,1800			5,4400					
Warrant	NL0011208228	DJBKS 202SPSOPENG	EUR	6,3000	6,5600	6,3000			6,5600					
Warrant	NL0011304696	DJBKS 213SPSOPENG	EUR	7,4600	7,7300	7,4600			7,7300					
Warrant	NL0006429060	DJIIND 5690SPLOPENG	EUR	173,4000	173,4000	173,4000			173,4000					
Warrant	NL0009112192	DJIIND 7720SPLOPENG	EUR	156,2200	156,2200	156,2200			156,2200					
Warrant	NL0009371376	DJIIND 8980SPLOPENG	EUR	145,5700	145,5700	145,5700			145,5700					
Warrant	NL0009881259	DJIIND 9400SPLOPENG	EUR	142,0200	142,0200	142,0200			142,0200					
Warrant	NL0009882273	DJIIND10270SPLOPENG	EUR	134,6200	134,6200	134,6200			134,6200					
Warrant	NL0010103719	DJIIND11610SPLOPENG	EUR	123,2700	123,2700	123,2700			123,2700					
Warrant	NL0010348173	DJIIND13060SPLOPENG	EUR	110,9700	110,9700	110,9700			110,9700					
Warrant	NL0010353702	DJIIND13844SPLOPENG	EUR	101,0700	101,0700	101,0700			101,0700					
Warrant	NL0010543880	DJIIND14662SPLOPENG	EUR	93,9300	93,9300	93,9300			93,9300					
Warrant	NL0010544268	DJIIND15000SPLOPENG	EUR	94,5900	94,5900	94,5900			94,5900					
Warrant	NL0010544607	DJIIND15000SPLOPENG	EUR	91,0000	91,0000	91,0000			91,0000					
Warrant	NL0010586087	DJIIND15344SPLOPENG	EUR	88,0000	88,0000	88,0000			88,0000					
Warrant	NL0011363775	DJIIND15428SPLOPENG	EUR	87,2700	87,2700	87,2700			87,2700					
Warrant	NL0011363767	DJIIND15512SPLOPENG	EUR	86,5300	86,5300	86,5300			86,5300					
Warrant	NL0011619937	DJIIND15613SPLOPENG	EUR	85,6500	85,6500	85,6500			85,6500					
Warrant	NL0011620034	DJIIND15714SPLOPENG	EUR	84,7700	84,7700	84,7700			84,7700					
Warrant	NL0011620422	DJIIND15918SPLOPENG	EUR	82,9900	82,9900	82,9900			82,9900					
Warrant	NL0011620620	DJIIND16128SPLOPENG	EUR	81,1500	81,1500	81,1500			81,1500					
Warrant	NL0011621891	DJIIND16338SPLOPENG	EUR	79,3400	79,3400	79,3400			79,3400					
Warrant	NL0011622196	DJIIND16340SPLOPENG	EUR	83,1900	83,1900	83,1900			83,1900					
Warrant	NL0011622584	DJIIND16443SPLOPENG	EUR	78,4200	78,4200	78,4200			78,4200					
Warrant	NL0011491006	DJIIND16635SPSOPENG	EUR											
Warrant	NL0011623731	DJIIND16656SPLOPENG	EUR	76,5700	76,5700	76,5700			76,5700					
Warrant	NL0011622311	DJIIND16690SPLOPENG	EUR	80,2100	80,2100	80,2100			80,2100					
Warrant	NL0011624143	DJIIND16763SPLOPENG	EUR	75,6300	75,6300	75,6300			75,6300					
Warrant	NL0011625207	DJIIND16871SPLOPENG	EUR	74,6900	74,6900	74,6900			74,6900					
Warrant	NL0011625454	DJIIND16979SPLOPENG	EUR	73,7500	73,7500	73,7500			73,7500					
Warrant	NL0011625512	DJIIND17050SPLOPENG	EUR	77,1800	77,1800	77,1800			77,1800					
Warrant	NL0011625827	DJIIND17089SPLOPENG	EUR	72,8000	72,8000	72,8000			72,8000					
Warrant	NL0011626106	DJIIND17309SPLOPENG	EUR	70,8800	70,8800	70,8800			70,8800					
Warrant	NL0011634209	DJIIND17350SPLOPENG	EUR											
Warrant	NL0011845680	DJIIND17530SPLOPENG	EUR	69,0000	69,0000	69,0000			69,0000					
Warrant	NL0011846043	DJIIND17754SPLOPENG	EUR	67,0500	67,0500	67,0500			67,0500					
Warrant	NL0011845953	DJIIND17790SPLOPENG	EUR	70,9600	70,9600	70,9600			70,9600					
Warrant	NL0011847819	DJIIND17866SPLOPENG	EUR	66,0800	66,0800	66,0800			66,0800					
Warrant	NL0011847801	DJIIND17980SPLOPENG	EUR	65,1000	65,1000	65,1000			65,1000					
Warrant	NL0011848262	DJIIND18094SPLOPENG	EUR	64,1200	64,1200	64,1200			64,1200					
Warrant	NL0011849211	DJIIND18097SPLOPENG	EUR											
Warrant	NL0011859608	DJIIND18160SPLOPENG	EUR	67,8200	67,8200	67,8200			67,8200					
Warrant	NL0011852363	DJIIND18205SPLOPENG	EUR											
Warrant	NL0011859962	DJIIND18319SPLOPENG	EUR	62,1800	62,1800	62,1800			62,1800					
Warrant	NL0011859954	DJIIND18434SPLOPENG	EUR	61,1700	61,1700	61,1700			61,1700					
Warrant	NL0011859590	DJIIND18540SPLOPENG	EUR	64,5900	64,5900	64,5900			64,5900					
Warrant	NL0011860150	DJIIND18667SPLOPENG	EUR	59,1400	59,1400	59,1400			59,1400					
Warrant	NL0011861083	DJIIND18785SPLOPENG	EUR	58,1200	58,1200	58,1200			58,1200					
Warrant	NL0011028774	DJIIND18834SPSOPENG	EUR											
Warrant	NL0011861471	DJIIND18903SPLOPENG	EUR	57,0900	57,0900	57,0900			57,0900					
Warrant	NL0011861463	DJIIND19022SPLOPENG	EUR	56,0500	56,0500	56,0500			56,0500					
Warrant	NL0011862792	DJIIND19137SPLOPENG	EUR	55,0500	55,0500	55,0500			55,0500					
Warrant	NL0011862784	DJIIND19257SPLOPENG	EUR	54,0100	54,0100	54,0100			54,0100					
Warrant	NL0011862271	DJIIND19320SPLOPENG	EUR	57,9400	57,9400	57,9400			57,9400					
Warrant	NL0011862776	DJIIND19377SPLOPENG	EUR	52,9500	52,9500	52,9500			52,9500					
Warrant	NL0012061923	DJIIND19621SPLOPENG	EUR	50,8300	50,8300	50,8300			50,8300					
Warrant	NL0012064554	DJIIND19720SPLOPENG	EUR	54,5200	54,5200	54,5200			54,5200					
Warrant	NL0012063457	DJIIND19744SPLOPENG	EUR	49,7700	49,7700	49,7700			49,7700					
Warrant	NL0012065452	DJIIND19991SPLOPENG	EUR	47,6000	47,6000	47,6000			47,6000					
Warrant	NL0012065650	DJIIND20116SPLOPENG	EUR	46,5200	46,5200	46,5200			46,5200					
Warrant	NL0012066070	DJIIND20368SPLOPENG	EUR	44,3200	44,3200	44,3200			44,3200					
Warrant	NL0012069199	DJIIND20505SPLOPENG	EUR	47,5100	47,5100	47,5100			47,5100					
Warrant	NL0012066369	DJIIND20623SPLOPENG	EUR	42,1000	42,1000	42,1000			42,1000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012066534	DJIND20751SPLOPENG	EUR	41,0200	41,0200	41,0200			41,0200					
Warrant	NL0012070957	DJIND20880SPLOPENG	EUR	39,8600	39,8600	39,8600			39,8600					
Warrant	NL0012073720	DJIND21009SPLOPENG	EUR	38,7400	38,7400	38,7400			38,7400					
Warrant	NL0012074074	DJIND21267SPLOPENG	EUR	36,4900	36,4900	36,4900			36,4900					
Warrant	NL0012076061	DJIND21393SPLOPENG	EUR	35,3900	35,3900	35,3900			35,3900					
Warrant	NL0012074108	DJIND21410SPLOPENG	EUR	40,2800	40,2800	40,2800			40,2800					
Warrant	NL0012076566	DJIND21525SPLOPENG	EUR	34,2400	34,2400	34,2400			34,2400					
Warrant	NL0012077093	DJIND21658SPLOPENG	EUR	33,1300	33,1300	33,1300			33,1300					
Warrant	NL0012077481	DJIND21791SPLOPENG	EUR	31,9200	31,9200	31,9200			31,9200					
Warrant	NL0012079925	DJIND21840SPLOPENG	EUR	36,5600	36,5600	36,5600			36,5600					
Warrant	NL0012077473	DJIND21925SPLOPENG	EUR	30,7600	30,7600	30,7600			30,7600					
Warrant	NL0012080774	DJIND22060SPLOPENG	EUR	29,5800	29,5800	29,5800			29,5800					
Warrant	NL0012081160	DJIND22195SPLOPENG	EUR	28,4000	28,4000	28,4000			28,4000					
Warrant	NL0012081004	DJIND22290SPLOPENG	EUR	32,7800	32,7800	32,7800			32,7800					
Warrant	NL0012462592	DJIND22606SPLOPENG	EUR	24,8200	24,8200	24,8200			24,8200					
Warrant	NL0012463228	DJIND22746SPLOPENG	EUR	23,6000	23,6000	23,6000			23,6000					
Warrant	NL0012463749	DJIND22750SPLOPENG	EUR	28,9200	28,9200	28,9200			28,9200					
Warrant	NL0012463541	DJIND22889SPLOPENG	EUR	22,3600	22,3600	22,3600			22,3600					
Warrant	NL0012463699	DJIND23029SPLOPENG	EUR	21,1400	21,1400	21,1400			21,1400					
Warrant	NL0012463681	DJIND23170SPLOPENG	EUR	19,9100	19,9100	19,9100			19,9100					
Warrant	NL0012464929	DJIND23312SPLOPENG	EUR	18,6700	18,6700	18,6700			18,6700					
Warrant	NL0012466536	DJIND23454SPLOPENG	EUR	17,4300	17,4300	17,4300			17,4300					
Warrant	NL0012466528	DJIND23597SPLOPENG	EUR	17,3600	17,3600	16,1900	173,6000	1	16,1900	10				
Warrant	NL0012472948	DJIND23680SPLOPENG	EUR	21,0200	21,0200	21,0200			21,0200					
Warrant	NL0012819213	DJIND23740SPLOPENG	EUR	14,9400	14,9400	14,9400			14,9400					
Warrant	NL0012819205	DJIND23884SPLOPENG	EUR	13,6900	13,6900	13,6900			13,6900					
Warrant	NL0012819197	DJIND24028SPLOPENG	EUR	12,7800	12,7800	12,4300	10045,0800	1	12,4300	786				
Warrant	NL0012822860	DJIND24150SPLOPENG	EUR	16,9900	16,9900	16,9900			16,9900					
Warrant	NL0012823967	DJIND24319SPLOPENG	EUR	10,7900	10,7900	9,9000	2481,7000	1	9,9000	230				
Warrant	NL0012824189	DJIND24466SPLOPENG	EUR	8,6200	8,6200	8,6200			8,6200					
Warrant	NL0012824593	DJIND24619SPLOPENG	EUR	7,2800	7,2800	7,2800			7,2800					
Warrant	NL0012823900	DJIND24640SPLOPENG	EUR	12,8800	12,8800	12,8800			12,8800					
Warrant	NL0012825582	DJIND24768SPLOPENG	EUR	5,9900	5,9900	5,9900			5,9900					
Warrant	NL0012825699	DJIND24909SPLOPENG	EUR	7,1000	7,1000	4,7600	972,7000	1	4,7600	137				
Warrant	NL0012827794	DJIND25048SPLOPENG	EUR											
Warrant	NL0012832943	DJIND25059SPLOPENG	EUR	4,5700	4,5700	2,8200	4506,3400	4	3,4400	1136				
Warrant	NL0012826101	DJIND25060SPLOPENG	EUR											
Warrant	NL0012827471	DJIND25130SPLOPENG	EUR											
Warrant	NL0012827786	DJIND25199SPLOPENG	EUR											
Warrant	NL0012828362	DJIND25350SPLOPENG	EUR											
Warrant	NL0012828354	DJIND25502SPLOPENG	EUR											
Warrant	NL0012828479	DJIND25640SPLOPENG	EUR											
Warrant	NL0012471965	DJIND25651SPLOPENG	EUR											
Warrant	NL0012830228	DJIND25653SPLOPENG	EUR											
Warrant	NL0012472534	DJIND25740SPLOPENG	EUR											
Warrant	NL0012471973	DJIND25752SPLOPENG	EUR											
Warrant	NL0012830525	DJIND25807SPLOPENG	EUR											
Warrant	NL0012830665	DJIND25961SPLOPENG	EUR											
Warrant	NL0012831408	DJIND26117SPLOPENG	EUR											
Warrant	NL0012469258	DJIND26308SPLOPENG	EUR											
Warrant	NL0012832950	DJIND26458SPLOPENG	EUR	7,4500	9,3900	7,4500	1551,0000	2	9,3900	200				
Warrant	NL0012470108	DJIND26468SPLOPENG	EUR											
Warrant	NL0012832968	DJIND26618SPLOPENG	EUR	10,7800	10,7800	10,7800			10,7800					
Warrant	NL0012470116	DJIND26629SPLOPENG	EUR											
Warrant	NL0012472542	DJIND26720SPLOPENG	EUR											
Warrant	NL0012832976	DJIND26779SPLOPENG	EUR	12,1800	12,1800	12,1800			12,1800					
Warrant	NL0012470124	DJIND26792SPLOPENG	EUR											
Warrant	NL0012471312	DJIND26936SPLOPENG	EUR	11,1400	13,5400	11,1400	36139,1200	8	13,5400	3008				
Warrant	NL0012471320	DJIND27100SPLOPENG	EUR	13,0300	15,6200	13,0300	8820,0000	5	14,9800	600				
Warrant	NL0012470454	DJIND27240SPLOPENG	EUR	23,1400	23,1400	23,1400			23,1400					
Warrant	NL0012828511	DJIND27262SPLOPENG	EUR	16,4000	16,4000	16,4000			16,4000					
Warrant	NL0012830533	DJIND27426SPLOPENG	EUR	17,8200	17,8200	17,8200			17,8200					
Warrant	NL0012830673	DJIND27591SPLOPENG	EUR	19,2600	19,2600	19,2600			19,2600					
Warrant	NL0012830681	DJIND27756SPLOPENG	EUR	20,7000	20,7000	20,7000			20,7000					
Warrant	NL0012470462	DJIND28360SPLOPENG	EUR	33,1700	33,1700	33,1700			33,1700					
Warrant	NL0012461933	DSM 65SPLOPENG	EUR	15,4900	15,4900	15,1500			15,1500					
Warrant	NL0006422289	DSM 0.5SPLOPENG	EUR	79,7200	79,7200	79,3700			79,3700					
Warrant	NL0006428831	DSM 4.6SPLOPENG	EUR	75,9400	75,9400	75,5900			75,5900					
Warrant	NL0009231604	DSM 12.9SPLOPENG	EUR	68,2100	68,2100	67,8700			67,8700					
Warrant	NL0009232297	DSM 15.2SPLOPENG	EUR	66,0700	66,0700	65,7300			65,7300					
Warrant	NL0009234004	DSM 17.7SPLOPENG	EUR	63,7300	63,7300	63,3900			63,3900					
Warrant	NL0009367135	DSM 20.3SPLOPENG	EUR	61,3500	61,3500	61,0100			61,0100					



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	NL0009881325	DSM 22.8SPLOPENG	EUR	58,9500	58,9500	58,6100			58,6100					
Warrant	NL0009906791	DSM 28.5SPLOPENG	EUR	53,7100	53,7100	53,3700			53,3700					
Warrant	NL0010212437	DSM 31.3SPLOPENG	EUR	51,0900	51,0900	50,7500			50,7500					
Warrant	NL0010215877	DSM 34.3SPLOPENG	EUR	48,2800	48,2800	47,9400			47,9400					
Warrant	NL0011629258	DSM 43.4SPLOPENG	EUR	39,8200	39,8200	39,4800			39,4800					
Warrant	NL0011846324	DSM 46.8SPLOPENG	EUR	36,6800	36,6800	36,3400			36,3400					
Warrant	NL0011847975	DSM 50.2SPLOPENG	EUR	30,2900	30,2900	29,9500			29,9500					
Warrant	NL0011848643	DSM 50.4SPLOPENG	EUR	33,3200	33,3200	32,9800			32,9800					
Warrant	NL0012063739	DSM 52.9SPLOPENG	EUR	27,5800	27,5800	27,2400			27,2400					
Warrant	NL0012068050	DSM 54.2SPLOPENG	EUR	29,7600	29,7600	29,4200			29,4200					
Warrant	NL0012078612	DSM 61.8SPLOPENG	EUR	18,6900	18,6900	18,3500			18,3500					
Warrant	NL0012464895	DSM 66.9SPLOPENG	EUR	17,9200	17,9200	17,5800			17,5800					
Warrant	NL0012819379	DSM 76.8SPLOPENG	EUR	8,7800	8,7800	8,4400			8,4400					
Warrant	NL0012826150	DSM 82.2SPLOPENG	EUR											
Warrant	NL0012832349	DSM 87.4SPSOPENG	EUR	1,4600	1,4900	1,4600			1,4900					
Warrant	NL0012828461	DSM 87.8SPLOPENG	EUR											
Warrant	NL0012831218	DSM 87.9SPLOPENG	EUR											
Warrant	NL0012826341	DSM 100.5SPSOPENG	EUR	2,1400	2,1800	2,1400			2,1800					
Warrant	NL0011373006	DSM 30.21SPLOPENG	EUR	50,2700	50,2700	49,9300			49,9300					
Warrant	NL0011011630	DSM 32.08SPLOPENG	EUR	48,4000	48,4000	48,0600			48,0600					
Warrant	NL0010683074	DSM 34.14SPLOPENG	EUR	46,3500	46,3500	46,0100			46,0100					
Warrant	NL0011624077	DSM 40.42SPLOPENG	EUR	40,0600	40,0600	39,7200			39,7200					
Warrant	NL0011843677	DSM 45.09SPLOPENG	EUR	35,3900	35,3900	35,0500			35,0500					
Warrant	NL0012065171	DSM 55.74SPLOPENG	EUR	24,7400	24,7400	24,4000			24,4000					
Warrant	NL0012067557	DSM 58.74SPLOPENG	EUR	21,8100	21,8100	21,4700			21,4700					
Warrant	NL0011852975	DSM 60.46SPLOPENG	EUR											
Warrant	NL0012462915	DSM 68.35SPLOPENG	EUR	12,1300	12,1300	11,7900			11,7900					
Warrant	NL0012464846	DSM 71.88SPLOPENG	EUR	8,6000	8,6000	8,2000	1675,0000	2	8,2600	200				
Warrant	NL0012466197	DSM 75.59SPLOPENG	EUR	4,9300	4,9300	4,5900	237,5000	1	4,5900	50				
Warrant	NL0012832851	DSM 79.37SPLOPENG	EUR	0,1800	0,1800	0,1500			0,1500					
Warrant	NL0012479679	DSM 79.45SPLOPENG	EUR											
Warrant	NL0012822670	DSM 83.48SPLOPENG	EUR											
Warrant	NL0012832109	DSM 87.35SPSOPENG	EUR	0,8300	0,8600	0,8300			0,8600					
Warrant	NL0012826333	DSM 87.53SPLOPENG	EUR											
Warrant	NL0012830095	DSM 87.65SPLOPENG	EUR											
Warrant	NL0012824791	DSM 88.19SPLOPENG	EUR											
Warrant	NL0012819486	DSM 93.93SPSOPENG	EUR	14,1600	14,5200	14,1600			14,5200					
Warrant	NL0011304332	EBAY 23SPLOPENG	EUR	8,9200	8,9200	8,9200			8,9200					
Warrant	NL0010939245	EBAY 6.5SPLOPENG	EUR	22,2900	22,2900	22,2900			22,2900					
Warrant	NL0010097705	ENGIE 7.1SPLOPENG	EUR	5,2700	5,2700	5,1300			5,1300					
Warrant	NL0009766021	ENGIE 8.2SPLOPENG	EUR	4,2300	4,2300	4,0900			4,0900					
Warrant	NL0012061410	ENGIE 8.8SPLOPENG	EUR	3,6900	3,6900	3,5500			3,5500					
Warrant	NL0010217501	ENGIE 9.5SPLOPENG	EUR	3,0400	3,0400	2,9000			2,9000					
Warrant	NL0012075493	ENGIE 10.9SPLOPENG	EUR	1,7900	1,7900	1,6500			1,6500					
Warrant	NL0011204110	ENGIE 15.2SPSOPENG	EUR	4,7400	4,8700	4,7400			4,8700					
Warrant	NL0011024393	ENX 27SPLOPENG	EUR	31,2200	31,2200	30,4200			30,4200					
Warrant	NL0011371141	EON 4.6SPLOPENG	EUR	4,3800	4,3800	4,2700			4,2700					
Warrant	NL0011369756	EON 5.1SPLOPENG	EUR	3,9300	3,9300	3,8100			3,8100					
Warrant	NL0011373998	EON 5.6SPLOPENG	EUR	3,4500	3,4500	3,3400			3,3400					
Warrant	XS1748853030	ESTX STN0123B	EUR	91,7000	91,7000	90,7000			90,7000					
Warrant	XS1173152825	ESTX STN0220G	EUR	103,2900	103,2900	103,0000			103,0000					
Warrant	XS0914667166	ESTX STN0520G	EUR	112,1200	112,1200	111,4300			111,4300					
Warrant	XS1302980799	ESTX STN1020G	EUR	103,4700	103,4700	102,9000			102,9000					
Warrant	NL0006426546	ESTX 7705PLOPENG	EUR	24,6000	24,6000	24,6000			24,6000					
Warrant	NL0006420747	ESTX 1100SPLOPENG	EUR	21,4400	21,4400	21,4400			21,4400					
Warrant	NL0009105162	ESTX 1380SPLOPENG	EUR	18,6700	18,6700	18,6700			18,6700					
Warrant	NL0009880137	ESTX 1580SPLOPENG	EUR	16,7900	16,7900	16,7900			16,7900					
Warrant	NL0010205019	ESTX 1930SPLOPENG	EUR	13,3900	13,3900	13,3900			13,3900					
Warrant	NL0010208005	ESTX 2060SPLOPENG	EUR	12,1400	12,1400	12,1400			12,1400					
Warrant	NL0010355285	ESTX 2072SPLOPENG	EUR	11,4100	11,4100	11,4100			11,4100					
Warrant	NL0010343927	ESTX 2190SPLOPENG	EUR	10,8300	10,8300	10,8300			10,8300					
Warrant	NL0010466157	ESTX 2236SPLOPENG	EUR	9,7700	9,7700	9,7700			9,7700					
Warrant	NL0010468385	ESTX 2319SPLOPENG	EUR	8,9500	8,9500	8,9500			8,9500					
Warrant	NL0010527826	ESTX 2405SPLOPENG	EUR	8,0900	8,0900	8,0900			8,0900					
Warrant	NL0010529566	ESTX 2450SPLOPENG	EUR	8,3700	8,3700	8,3700			8,3700					
Warrant	NL0010536975	ESTX 2493SPLOPENG	EUR	7,1900	7,1900	7,1900			7,1900					
Warrant	NL0011619572	ESTX 2530SPLOPENG	EUR	7,5700	7,5700	7,5700			7,5700					
Warrant	NL0011619945	ESTX 2549SPLOPENG	EUR	6,6400	6,6400	6,6400			6,6400					
Warrant	NL0011849229	ESTX 2632SPLOPENG	EUR	5,7800	5,7800	5,7800			5,7800					
Warrant	NL0011851480	ESTX 2717SPLOPENG	EUR	4,9600	4,9600	4,9600			4,9600					
Warrant	NL0011853122	ESTX 2805SPLOPENG	EUR	4,0800	4,0800	4,0800			4,0800					
Warrant	NL0011853767	ESTX 2810SPLOPENG	EUR	4,8400	4,8400	4,8400			4,8400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011862404	ESTX 2895SPLOPENG	EUR	3,1800	3,1800	3,1800			3,1800					
Warrant	NL0012061477	ESTX 2960SPLOPENG	EUR	3,3900	3,3900	3,3900			3,3900					
Warrant	NL0011862974	ESTX 2987SPLOPENG	EUR	2,2600	2,2600	2,2600			2,2600					
Warrant	NL0012062541	ESTX 3083SPLOPENG	EUR	1,3400	1,3400	1,3400			1,3400					
Warrant	NL0012067243	ESTX 3110SPLOPENG	EUR	1,8600	1,8600	1,8600			1,8600					
Warrant	NL0012067342	ESTX 3181SPLOPENG	EUR											
Warrant	NL0012480206	ESTX 3270SPLOPENG	EUR											
Warrant	NL0012830541	ESTX 3276SPLOPENG	EUR											
Warrant	NL0012479653	ESTX 3279SPLOPENG	EUR											
Warrant	NL0012832554	ESTX 3338SPSOPENG	EUR	1,1900	1,4800	1,1900	49,9800	1	1,4800	42				
Warrant	NL0012824627	ESTX 3374SPLOPENG	EUR											
Warrant	NL0012832224	ESTX 3440SPSOPENG	EUR	3,5200	3,5200	3,5200			3,5200					
Warrant	NL0012832562	ESTX 3442SPSOPENG	EUR	2,5100	2,5100	2,5100			2,5100					
Warrant	NL0012829758	ESTX 3449SPSOPENG	EUR											
Warrant	NL0012070551	ESTX 3548SPSOPENG	EUR	3,5800	3,5800	3,5800			3,5800					
Warrant	NL0012106305	ESTX 3590SPSOPENG	EUR											
Warrant	NL0011193420	ESTX 3630SPSOPENG	EUR	5,3900	5,3900	5,3900			5,3900					
Warrant	NL0012071559	ESTX 3660SPSOPENG	EUR	4,7000	4,7000	4,7000			4,7000					
Warrant	NL0011304688	ESTX 3750SPSOPENG	EUR	6,6200	6,6200	6,6200			6,6200					
Warrant	NL0012073316	ESTX 3774SPSOPENG	EUR	5,8400	5,8400	5,8400			5,8400					
Warrant	NL0012463616	ESTX 3891SPSOPENG	EUR	7,0000	7,0000	7,0000			7,0000					
Warrant	NL0012075162	ESTX 3940SPSOPENG	EUR	8,6300	8,6300	8,6300			8,6300					
Warrant	XS1423752903	ESTX 4.91STN0621G	EUR	107,4100	107,4100	107,2000			107,2000					
Warrant	NL0012466643	ESTX 4011SPSOPENG	EUR	8,2100	8,2100	8,2100			8,2100					
Warrant	NL0012072870	EUCHF 1.1SPLOPENG	EUR	5,6300	5,6300	5,6300			5,6300					
Warrant	NL0012827851	EUCHF 1.12SPLOPENG	EUR											
Warrant	NL0009620442	EUCHF 1.19SPSOPENG	EUR	6,2800	6,2800	6,2800			6,2800					
Warrant	NL0011013487	EUCHF0.975SPLOPENG	EUR	16,3000	16,3000	16,3000			16,3000					
Warrant	NL0011012224	EUCHF0.995SPLOPENG	EUR	14,6000	14,6000	14,6000			14,6000					
Warrant	NL0010969143	EUCHF1.016SPLOPENG	EUR	12,8500	12,8500	12,8500			12,8500					
Warrant	NL0010969135	EUCHF1.036SPLOPENG	EUR	11,0800	11,0800	11,0800			11,0800					
Warrant	NL0011017132	EUCHF1.057SPLOPENG	EUR	9,3000	9,3000	9,3000			9,3000					
Warrant	NL0011017934	EUCHF1.078SPLOPENG	EUR	7,4800	7,4800	7,4800			7,4800					
Warrant	NL0012076905	EUCHF1.141SPLOPENG	EUR											
Warrant	NL0012820492	EUCHF1.166SPSOPENG	EUR	4,1400	4,1400	4,1400			4,1400					
Warrant	NL0012467898	EUCHF1.214SPSOPENG	EUR	8,4000	8,4000	8,4000			8,4000					
Warrant	NL0011857123	EUGBP 0.95SPSOPENG	EUR	10,2600	10,2600	10,2600			10,2600					
Warrant	NL0011204490	EUGBP0.701SPLOPENG	EUR	21,7700	21,7700	21,7700			21,7700					
Warrant	NL0011027792	EUGBP0.723SPLOPENG	EUR	19,3500	19,3500	19,3500			19,3500					
Warrant	NL0011016282	EUGBP0.745SPLOPENG	EUR	16,8600	16,8600	16,8600			16,8600					
Warrant	NL0011487673	EUGBP0.768SPLOPENG	EUR	14,3600	14,3600	14,3600			14,3600					
Warrant	NL0011492160	EUGBP0.791SPLOPENG	EUR	11,8000	11,8000	11,8000			11,8000					
Warrant	NL0011844840	EUGBP0.839SPLOPENG	EUR	6,4100	6,4100	6,4100			6,4100					
Warrant	NL0011846076	EUGBP0.864SPLOPENG	EUR	3,6000	3,6000	3,6000			3,6000					
Warrant	NL0012466650	EUGBP0.895SPSOPENG	EUR											
Warrant	NL0011856810	EUGBP0.922SPSOPENG	EUR	7,0700	7,0700	7,0700			7,0700					
Warrant	NL0011857347	EUGBP0.984SPSOPENG	EUR	14,3200	14,3200	14,3200			14,3200					
Warrant	NL0011858725	EUIPY 108SPLOPENG	EUR	18,0600	18,0600	18,0600			18,0600					
Warrant	NL0011847058	EUIPY 111SPLOPENG	EUR	15,5300	15,5300	15,5300			15,5300					
Warrant	NL0010215604	EUIPY 115SPLOPENG	EUR	12,9300	12,9300	12,9300			12,9300					
Warrant	NL0011860366	EUIPY 118SPLOPENG	EUR	10,3100	10,3100	10,3100			10,3100					
Warrant	NL0011862198	EUIPY 120SPLOPENG	EUR											
Warrant	NL0012827034	EUIPY 122SPLOPENG	EUR	7,6100	7,6100	7,6100			7,6100					
Warrant	NL0010345732	EUIPY 124SPLOPENG	EUR											
Warrant	NL0012074744	EUIPY 125SPLOPENG	EUR											
Warrant	NL0012827844	EUIPY 125SPLOPENG	EUR	4,8300	4,8300	4,8300			4,8300					
Warrant	NL0012824692	EUIPY 129SPLOPENG	EUR											
Warrant	NL0012829972	EUIPY 129SPLOPENG	EUR											
Warrant	NL0012476022	EUIPY 133SPSOPENG	EUR											
Warrant	NL0010963674	EUIPY 137SPSOPENG	EUR	8,9600	8,9600	8,9600			8,9600					
Warrant	NL0010594255	EUIPY 140SPSOPENG	EUR	11,1900	11,1900	11,1900			11,1900					
Warrant	NL0010597480	EUIPY 143SPSOPENG	EUR	13,4100	13,4100	13,4100			13,4100					
Warrant	NL0010946653	EUIPY 145SPSOPENG	EUR	15,6700	15,6700	15,6700			15,6700					
Warrant	NL0010949699	EUIPY 148SPSOPENG	EUR	17,9800	17,9800	17,9800			17,9800					
Warrant	NL0010220356	EUNOK 8.2SPLOPENG	EUR	15,1100	15,1100	15,1100			15,1100					
Warrant	NL0011616107	EUNOK10.16SPSOPENG	EUR	9,4500	9,4500	9,4500			9,4500					
Warrant	NL0009910736	EUNOK8.453SPLOPENG	EUR	12,4800	12,4800	12,4800			12,4800					
Warrant	NL0010465266	EUNOK8.707SPLOPENG	EUR	9,8500	9,8500	9,8500			9,8500					
Warrant	NL0010468542	EUNOK8.968SPLOPENG	EUR	7,1500	7,1500	7,1500			7,1500					
Warrant	NL0012080378	EUNOK9.237SPLOPENG	EUR	4,3600	4,3600	4,3600			4,3600					
Warrant	NL0012064786	EUNOK9.433SPSOPENG	EUR											
Warrant	NL0012066013	EURAU1.389SPLOPENG	EUR	15,5300	15,5300	15,5300			15,5300					



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
Warrant	NL0010203212	EURAU1.432SPLOPENG	EUR	12,9100	12,9100	12,9100			12,9100					
Warrant	NL0012069017	EURAU1.4745PLOPENG	EUR	10,3000	10,3000	10,3000			10,3000					
Warrant	NL0012468841	EURAU1.5195PLOPENG	EUR	7,6100	7,6100	7,6100			7,6100					
Warrant	NL0012823421	EURAU1.5645PLOPENG	EUR	4,8400	4,8400	4,8400			4,8400					
Warrant	NL0010592663	EURAU1.6725PSOPENG	EUR	5,9500	5,9500	5,9500			5,9500					
Warrant	NL0010597969	EURAU1.7055PSOPENG	EUR	8,0600	8,0600	8,0600			8,0600					
Warrant	NL0011364039	EURAU1.7565PSOPENG	EUR	11,2900	11,2900	11,2900			11,2900					
Warrant	NL0011618418	EUUSD 1.15PLOPENG	EUR											
Warrant	NL0011206313	EUUSD 1.15PLOPENG	EUR	4,3000	4,3000	4,3000			4,3000					
Warrant	NL0012480933	EUUSD 1.235PSOPENG	EUR	7,2500	7,2500	7,2500			7,2500					
Warrant	NL0012064760	EUUSD0.9575PLOPENG	EUR	18,2000	18,2000	18,2000			18,2000					
Warrant	NL0011627641	EUUSD0.9595PLOPENG	EUR	18,0700	18,0700	18,0700			18,0700					
Warrant	NL0012061865	EUUSD0.9665PLOPENG	EUR	17,3800	17,3800	17,3800			17,3800					
Warrant	NL0012068639	EUUSD1.0125PLOPENG	EUR	11,9600	11,9600	11,9600			11,9600					
Warrant	NL0012061857	EUUSD1.0475PLOPENG	EUR	8,9400	8,9400	8,9400			8,9400					
Warrant	NL0011861588	EUUSD1.0575PLOPENG	EUR	8,0200	8,0200	8,0200			8,0200					
Warrant	NL0011862222	EUUSD1.0625PLOPENG	EUR	9,5900	9,5900	9,2200	959,0000	1	9,2200	100				
Warrant	NL0011861570	EUUSD1.0685PLOPENG	EUR	7,0900	7,0900	7,0900			7,0900					
Warrant	NL0011861562	EUUSD1.0785PLOPENG	EUR	6,1600	6,1600	6,1600			6,1600					
Warrant	NL0011483656	EUUSD1.0855PLOPENG	EUR											
Warrant	NL0011483144	EUUSD1.0895PLOPENG	EUR	5,2200	5,2200	5,2200			5,2200					
Warrant	NL0011481619	EUUSD1.0925PLOPENG	EUR	6,6600	6,6600	6,6600			6,6600					
Warrant	NL0012069520	EUUSD1.0965PSOPENG	EUR											
Warrant	NL0011205620	EUUSD1.1035PLOPENG	EUR	5,6900	5,6900	5,6900			5,6900					
Warrant	NL0011617212	EUUSD1.1065PLOPENG	EUR											
Warrant	NL0012063002	EUUSD1.1115PLOPENG	EUR	3,3200	3,3200	3,3200			3,3200					
Warrant	NL0012063366	EUUSD1.1145PLOPENG	EUR	4,7400	4,7400	4,7400			4,7400					
Warrant	NL0012068621	EUUSD1.1225PLOPENG	EUR	2,3100	2,3100	2,3100			2,3100					
Warrant	NL0012070486	EUUSD1.1255PLOPENG	EUR	3,7900	3,7900	3,7900			3,7900					
Warrant	NL0012070742	EUUSD1.1345PLOPENG	EUR	1,5700	1,5700	1,3300	471,0000	1	1,3300	300				
Warrant	NL0012072862	EUUSD1.1365PLOPENG	EUR	2,8400	2,8400	2,8400			2,8400					
Warrant	NL0012071260	EUUSD1.1365PLOPENG	EUR											
Warrant	NL0012827588	EUUSD1.1445PLOPENG	EUR											
Warrant	NL0012832406	EUUSD1.1455PLOPENG	EUR	0,3300	0,3300	0,3300			0,3300					
Warrant	NL0012072391	EUUSD1.1475PLOPENG	EUR											
Warrant	NL0012828453	EUUSD1.1485PLOPENG	EUR											
Warrant	NL0012073191	EUUSD1.1515PLOPENG	EUR											
Warrant	NL0012828263	EUUSD1.1545PLOPENG	EUR											
Warrant	NL0012822092	EUUSD1.1585PLOPENG	EUR											
Warrant	NL0012830566	EUUSD1.1655PLOPENG	EUR											
Warrant	NL0012826838	EUUSD1.1685PSOPENG	EUR											
Warrant	NL0012831911	EUUSD1.1695PSOPENG	EUR	1,7200	1,9600	1,7200	51,6000	1	1,9600	30				
Warrant	NL0012826895	EUUSD1.1755PSOPENG	EUR											
Warrant	NL0012822100	EUUSD1.1815PSOPENG	EUR											
Warrant	NL0012831465	EUUSD1.1815PSOPENG	EUR	3,0000	3,0000	3,0000			3,0000					
Warrant	NL0012825723	EUUSD1.1875PSOPENG	EUR	5,6500	5,6500	5,6500			5,6500					
Warrant	NL0012820500	EUUSD1.1935PSOPENG	EUR	4,0600	4,0600	4,0600			4,0600					
Warrant	NL0012822431	EUUSD1.1995PSOPENG	EUR	6,7200	6,7200	6,7200			6,7200					
Warrant	NL0012818934	EUUSD1.2055PSOPENG	EUR	5,1100	5,1100	5,1100			5,1100					
Warrant	NL0012819536	EUUSD1.2125PSOPENG	EUR	7,8100	7,8100	7,8100			7,8100					
Warrant	NL0012481121	EUUSD1.2175PSOPENG	EUR	6,1700	6,1700	6,1700			6,1700					
Warrant	NL0012819031	EUUSD1.2245PSOPENG	EUR	8,9000	8,9000	8,9000			8,9000					
Warrant	NL0012480859	EUUSD1.2425PSOPENG	EUR	8,3500	8,3500	8,3500			8,3500					
Warrant	NL0012474852	EUUSD1.2555PSOPENG	EUR	9,4600	9,4600	9,4600			9,4600					
Warrant	NL0010820270	EUUSD1.2625PSOPENG	EUR	12,2600	12,2600	12,2600			12,2600					
Warrant	NL0010816880	EUUSD1.2685PSOPENG	EUR	10,6000	10,6000	10,6000			10,6000					
Warrant	NL0010816674	EUUSD1.2745PSOPENG	EUR	13,3900	13,3900	13,3900			13,3900					
Warrant	NL0010814257	EUUSD1.2815PSOPENG	EUR	11,7400	11,7400	11,7400			11,7400					
Warrant	NL0010813200	EUUSD1.2945PSOPENG	EUR	12,8700	12,8700	12,8700			12,8700					
Warrant	NL0010755807	EUUSD1.3075PSOPENG	EUR	13,9800	13,9800	13,9800			13,9800					
Warrant	NL0010742177	EUUSD1.3345PSOPENG	EUR	16,3500	16,3500	16,3500			16,3500					
Warrant	NL0009757434	EUUSD1.3415PSOPENG	EUR	19,3100	19,3100	19,3100			19,3100					
Warrant	NL0010542510	EUUSD1.3475PSOPENG	EUR	17,5100	17,5100	17,5100			17,5100					
Warrant	NL0009231521	EUUSD1.3545PSOPENG	EUR	20,4800	20,4800	20,4800			20,4800					
Warrant	NL0012471247	EUUSD1.3615PSOPENG	EUR	18,6600	18,6600	18,6600			18,6600					
Warrant	NL0009234681	EUUSD1.3945PSOPENG	EUR	24,0000	24,0000	24,0000			24,0000					
Warrant	NL0009234731	EUUSD1.4375PSOPENG	EUR	27,8900	27,8900	27,8900			27,8900					
Warrant	NL0010685731	EUUSD1.4525PSOPENG	EUR	29,1500	29,1500	29,1500			29,1500					
Warrant	NL0011206354	EXXON 63SPLOPENG	EUR	2,1300	2,1300	2,1300			2,1300					
Warrant	DE000CJ3N9V0	FBOOK 165C 0319Z	EUR	0,4150	0,4150	0,4150			0,4150					
Warrant	DE000CJ3N9U2	FBOOK 165C 1218Z	EUR	0,2250	0,2250	0,2250			0,2250					
Warrant	DE000CV8AK54	FBOOK 180C 0319Z	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
Warrant	DE000CV8AK47	FBOOK 180C 1218Z	EUR	0,0770	0,0770	0,0770			0,0770					
Warrant	DE000CV8AK62	FBOOK 200C 0319Z	EUR	0,0810	0,0810	0,0810			0,0810					
Warrant	DE000CV8APP9	FBOOK 200C 1218Z	EUR	0,0260	0,0260	0,0260			0,0260					
Warrant	NL0010215331	FBOOK 25.8SPLOPENG	EUR	115,1000	115,1000	115,1000			115,1000					
Warrant	NL0010529012	FBOOK 33.4SPLOPENG	EUR	109,0500	109,0500	109,0500			109,0500					
Warrant	NL0010677035	FBOOK 59.9SPLOPENG	EUR	83,4900	83,4900	83,4900			83,4900					
Warrant	NL0010754057	FBOOK 70.8SPLOPENG	EUR	79,3900	79,3900	79,3900			79,3900					
Warrant	NL0011362421	FBOOK 86.7SPLOPENG	EUR	66,7400	66,7400	66,7400			66,7400					
Warrant	NL0011366455	FBOOK 92.8SPLOPENG	EUR	61,9300	61,9300	61,9300			61,9300					
Warrant	NL0011617725	FBOOK102.6SPLOPENG	EUR	46,2900	46,2900	46,2900			46,2900					
Warrant	NL0011625306	FBOOK106.2SPLOPENG	EUR	5,1300	5,1300	5,1300			5,1300					
Warrant	NL0011622675	FBOOK110.9SPLOPENG	EUR	39,0200	39,0200	39,0200			39,0200					
Warrant	NL0011627096	FBOOK113.6SPLOPENG	EUR	4,5600	4,5600	4,5600			4,5600					
Warrant	NL0011630710	FBOOK116.5SPLOPENG	EUR	3,5500	3,5500	3,5500			3,5500					
Warrant	NL0010756284	FBOOK72.875PLOPENG	EUR	72,1900	72,1900	72,1900			72,1900					
Warrant	NL0010756276	FBOOK76.525PLOPENG	EUR	69,0200	69,0200	69,0200			69,0200					
Warrant	NL0011365382	FBOOK88.595PLOPENG	EUR	58,4900	58,4900	58,4900			58,4900					
Warrant	DE000CJ3N0X6	FMOTR 9C 0319Z	EUR	0,3850	0,3850	0,3850			0,3850					
Warrant	DE000CV8AM45	FMOTR 10C 1218Z	EUR	0,0790	0,0790	0,0790			0,0790					
Warrant	DE000CV8AK70	FMOTR 11C 1218Z	EUR	0,0370	0,0370	0,0370			0,0370					
Warrant	DE000CJ3N9W8	FMOTR 8.9C 1218Z	EUR	0,2450	0,2450	0,2450			0,2450					
Warrant	DE000CV8AY25	FMOTR 9.5C 1218Z	EUR	0,1250	0,1250	0,1250			0,1250					
Warrant	DE000CV8AM52	FMOTR 10.5C 1218Z	EUR	0,0520	0,0520	0,0520			0,0520					
Warrant	NL0006423832	FUGRO 6.75PLOPENG	EUR	4,7100	4,7400	4,7100			4,7400					
Warrant	NL0010944492	FUGRO 8.95PLOPENG	EUR	2,8000	2,8300	2,8000			2,8300					
Warrant	NL0010944484	FUGRO 9.55PLOPENG	EUR	2,2400	2,3100	2,2100	4427,6000	2	2,2700	1960				
Warrant	NL0010944476	FUGRO 10.15PLOPENG	EUR											
Warrant	NL0012829345	FUGRO 10.15PLOPENG	EUR	1,6500	1,6800	1,6500			1,6800					
Warrant	NL0012479547	FUGRO 10.85PLOPENG	EUR											
Warrant	NL0012831135	FUGRO 10.95PLOPENG	EUR											
Warrant	NL0012827927	FUGRO 11.65PLOPENG	EUR											
Warrant	NL0012829097	FUGRO 11.85PSOPENG	EUR											
Warrant	NL0012829352	FUGRO 12.25PSOPENG	EUR											
Warrant	NL0012832307	FUGRO 12.25PSOPENG	EUR	2,8500	2,8500	2,8000			2,8000					
Warrant	NL0012827208	FUGRO 13.45PSOPENG	EUR	4,2000	4,2000	4,1500			4,1500					
Warrant	NL0012071146	FUGRO 14.75PSOPENG	EUR	5,6600	5,6600	5,6100			5,6100					
Warrant	NL0011844725	FUGRO 16.25PSOPENG	EUR	7,3000	7,3000	7,2500			7,2500					
Warrant	NL0012829220	FUGRO 8.645PLOPENG	EUR	2,3900	2,4200	2,3900			2,4200					
Warrant	NL0012078604	FUGRO 9.085PLOPENG	EUR	1,9400	1,9900	1,9400	199,0000	1	1,9700	100				
Warrant	NL0012078216	FUGRO 9.545PLOPENG	EUR	1,4800	1,5100	1,4800			1,5100					
Warrant	NL0012077895	FUGRO10.015PLOPENG	EUR											
Warrant	NL0012829782	FUGRO10.025PLOPENG	EUR	1,0000	1,0300	1,0000			1,0300					
Warrant	NL0012478770	FUGRO10.525PLOPENG	EUR											
Warrant	NL0012829774	FUGRO10.525PLOPENG	EUR	0,5000	0,5300	0,4800	1490,0000	3	0,5300	3000				
Warrant	NL0012829238	FUGRO10.985PSOPENG	EUR											
Warrant	NL0012830814	FUGRO11.055PLOPENG	EUR											
Warrant	NL0012823736	FUGRO11.055PLOPENG	EUR											
Warrant	NL0012831838	FUGRO11.065PLOPENG	EUR											
Warrant	NL0012831820	FUGRO11.615PLOPENG	EUR											
Warrant	NL0012826713	FUGRO11.615PLOPENG	EUR											
Warrant	NL0012828131	FUGRO11.625PLOPENG	EUR											
Warrant	NL0012832695	FUGRO11.785PSOPENG	EUR	1,2500	1,2500	1,2000			1,2000					
Warrant	NL0012827414	FUGRO12.685PSOPENG	EUR	2,1500	2,1500	2,1000			2,1000					
Warrant	NL0012824759	FUGRO12.735PSOPENG	EUR											
Warrant	NL0012824221	FUGRO13.645PSOPENG	EUR	3,1100	3,1100	3,0600			3,0600					
Warrant	NL0012073159	FUGRO14.685PSOPENG	EUR	4,1400	4,1400	4,0900			4,0900					
Warrant	NL0012066567	FUGRO16.985PSOPENG	EUR	6,4500	6,4500	6,4000			6,4000					
Warrant	NL0011630934	FUGRO18.285PSOPENG	EUR	7,7500	7,7500	7,7000			7,7000					
Warrant	DE000CV89TR4	G1A 28C 0619Z	EUR	0,1550	0,1550	0,1550			0,1550					
Warrant	DE000CV89TQ6	G1A 32C 0619Z	EUR	0,0610	0,0610	0,0610			0,0610					
Warrant	DE000CV89TP8	G1A 40C 0619Z	EUR	0,0110	0,0110	0,0110			0,0110					
Warrant	NL0012467997	GAS 2.55PLOPENG	EUR	0,8100	0,8100	0,8100			0,8100					
Warrant	NL0012827661	GAS 2.95PLOPENG	EUR											
Warrant	NL0012462246	GAS 3.35PSOPENG	EUR											
Warrant	NL0010963401	GAS 4.85PSOPENG	EUR	1,9600	1,9600	1,9600			1,9600					
Warrant	NL0012473029	GAS 1.995PLOPENG	EUR	1,2300	1,2300	1,2300			1,2300					
Warrant	NL0012467732	GAS 2.135PLOPENG	EUR	1,1200	1,1200	1,1200			1,1200					
Warrant	NL0012476675	GAS 2.635PLOPENG	EUR	0,7100	0,7100	0,7100			0,7100					
Warrant	NL0012827026	GAS 2.765PLOPENG	EUR											
Warrant	NL0012829691	GAS 2.775PLOPENG	EUR	0,6000	0,6000	0,6000			0,6000					
Warrant	NL0012831077	GAS 2.915PLOPENG	EUR	0,4800	0,4800	0,4800			0,4800					
Warrant	NL0012831507	GAS 3.065PLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument 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	NL0012477954	GAS 3.07SPSOPENG	EUR											
Warrant	NL0012831903	GAS 3.32SPSOPENG	EUR											
Warrant	NL0012066203	GAS 3.55SPSOPENG	EUR	0,5700	0,5700	0,5700				0,5700				
Warrant	NL0011374814	GAS 4.28SPSOPENG	EUR	1,3400	1,3400	1,3400				1,3400				
Warrant	NL0009111327	GBL 36.3SPLOPENG	EUR	48,1400	48,1400	47,7600				47,7600				
Warrant	NL0010104246	GBL 40.2SPLOPENG	EUR	44,5300	44,5300	44,1500				44,1500				
Warrant	NL0010207197	GBL 45.3SPLOPENG	EUR	39,8500	39,8500	39,4700				39,4700				
Warrant	NL0010597985	GBL 56.2SPLOPENG	EUR	29,6700	29,6700	29,2900				29,2900				
Warrant	NL0011850888	GBL 67.8SPLOPENG	EUR	18,8600	18,8600	18,4800				18,4800				
Warrant	NL0012823413	GBPUS 1.35SPSOPENG	EUR	6,3000	6,3000	6,3000				6,3000				
Warrant	NL0011479696	GBPUS 1.48SPSOPENG	EUR	17,8200	17,8200	17,8200				17,8200				
Warrant	NL0010597506	GBPUS 1.67SPSOPENG	EUR	34,7200	34,7200	34,7200				34,7200				
Warrant	NL0010741112	GBPUS 1.72SPSOPENG	EUR	39,1600	39,1600	39,1600				39,1600				
Warrant	NL0011857040	GBPUS1.209SPLOPENG	EUR	10,4300	10,4300	10,4300				10,4300				
Warrant	NL0011856844	GBPUS1.246SPLOPENG	EUR	7,2400	7,2400	7,2400				7,2400				
Warrant	NL0012068787	GBPUS1.276SPLOPENG	EUR											
Warrant	NL0012829717	GBPUS1.284SPLOPENG	EUR	4,0400	4,0400	4,0400				4,0400				
Warrant	NL0012481493	GBPUS1.392SPSOPENG	EUR	10,0200	10,0200	10,0200				10,0200				
Warrant	NL0010964243	GBPUS1.403SPLOPENG	EUR											
Warrant	NL0012471197	GBPUS1.435SPSOPENG	EUR	13,8700	13,8700	13,8700				13,8700				
Warrant	NL0010944336	GBPUS1.526SPSOPENG	EUR	21,9000	21,9000	21,9000				21,9000				
Warrant	NL0010816260	GBPUS1.573SPSOPENG	EUR	26,0800	26,0800	26,0800				26,0800				
Warrant	NL0010542247	GBPUS1.621SPSOPENG	EUR	30,4100	30,4100	30,4100				30,4100				
Warrant	DE000CV8AKA2	GILEA 80C 0319Z	EUR	0,2650	0,2650	0,2650				0,2650				
Warrant	DE000CV8AK96	GILEA 80C 1218Z	EUR	0,1250	0,1250	0,1250				0,1250				
Warrant	DE000CV8AKB0	GILEA 90C 0319Z	EUR	0,0890	0,0890	0,0890				0,0890				
Warrant	NL0011845391	GLPG 47SPLOPENG	EUR	47,6300	48,8600	47,6300				48,8600				
Warrant	NL0012075774	GLPG 63SPLOPENG	EUR	33,0700	34,3000	33,0700				34,3000				
Warrant	DE000CV89557	GLPG 80C 1218Z	EUR	2,7450	2,7450	2,7450				2,7450				
Warrant	DE000CV895T5	GLPG 88C 1218Z	EUR	1,6650	1,6650	1,6650				1,6650				
Warrant	DE000CV8B045	GLPG 90C 0319Z	EUR	1,0050	1,0050	1,0050				1,0050				
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	0,6100	0,6100	0,6100				0,6100				
Warrant	DE000CV8AQX1	GLPG 108C 1218Z	EUR	0,1900	0,1900	0,1900				0,1900				
Warrant	DE000CV8AQY9	GLPG 110C 0319Z	EUR	0,3750	0,3750	0,3750				0,3750				
Warrant	NL0011845383	GLPG 36.3SPLOPENG	EUR	57,3600	58,5900	57,3600				58,5900				
Warrant	NL0011844139	GLPG 41.5SPLOPENG	EUR	52,6300	53,8600	52,3500	26450,0000	6		53,8600	500			
Warrant	NL0011844121	GLPG 43.7SPLOPENG	EUR	50,6200	52,1000	50,6200	10310,0000	2		51,8500	200			
Warrant	NL0011859525	GLPG 49.3SPLOPENG	EUR	45,4900	46,7200	45,4900				46,7200				
Warrant	NL0012065239	GLPG 51.6SPLOPENG	EUR	39,4400	40,6700	39,4400				40,6700				
Warrant	NL0011859517	GLPG 54.4SPLOPENG	EUR	40,8800	42,1100	40,8800				42,1100				
Warrant	NL0012064141	GLPG 55.6SPLOPENG	EUR	35,4600	36,6900	35,4600				36,6900				
Warrant	NL0012063341	GLPG 57.1SPLOPENG	EUR	38,4200	39,6500	38,4200				39,6500				
Warrant	NL0012064125	GLPG 59.2SPLOPENG	EUR	31,8900	33,1200	31,8900				33,1200				
Warrant	NL0012065221	GLPG 62.2SPLOPENG	EUR	28,9100	30,1400	28,9100				30,1400				
Warrant	NL0012468078	GLPG 69.5SPLOPENG	EUR	27,1800	28,4100	27,1800				28,4100				
Warrant	NL0012822720	GLPG 76.6SPLOPENG	EUR	20,7000	21,9300	20,7000				21,9300				
Warrant	NL0012823843	GLPG 80.3SPLOPENG	EUR											
Warrant	NL0012831713	GLPG 80.4SPLOPENG	EUR	17,2200	18,4500	17,2200				18,4500				
Warrant	NL0012827521	GLPG 84.3SPLOPENG	EUR											
Warrant	NL0012831705	GLPG 84.5SPLOPENG	EUR											
Warrant	NL0012825491	GLPG 88.4SPLOPENG	EUR											
Warrant	NL0012826572	GLPG 88.5SPLOPENG	EUR											
Warrant	NL0012826747	GLPG 92.9SPLOPENG	EUR											
Warrant	NL0012826234	GLPG 92.9SPLOPENG	EUR											
Warrant	NL0012829568	GLPG 93.1SPLOPENG	EUR											
Warrant	NL0012827539	GLPG 93.4SPSOPENG	EUR											
Warrant	NL0012829550	GLPG 97.7SPLOPENG	EUR											
Warrant	NL0012825509	GLPG 97.8SPSOPENG	EUR											
Warrant	NL0012471221	GLPG 104.4SPSOPENG	EUR											
Warrant	NL0012829576	GLPG 108.7SPSOPENG	EUR	30,7700	30,7700	29,4100				29,4100				
Warrant	NL0012829881	GLPG 112.9SPSOPENG	EUR	24,4500	24,4500	23,0900				23,0900				
Warrant	NL0012077937	GLPG 66.24SPLOPENG	EUR	24,8500	26,0800	24,8500	5094,0000	1		26,0800	200			
Warrant	NL0012078240	GLPG 69.56SPLOPENG	EUR	21,5100	22,7400	21,2300	530,7500	1		22,7400	25			
Warrant	NL0012822761	GLPG 73.05SPLOPENG	EUR	18,7800	20,5000	18,7800	902,0000	1		20,0100	44			
Warrant	NL0012822753	GLPG 76.71SPLOPENG	EUR	15,1200	16,3500	15,1200	1263,9600	2		16,3500	82			
Warrant	NL0012823942	GLPG 80.41SPLOPENG	EUR											
Warrant	NL0012829873	GLPG 80.55SPLOPENG	EUR	11,1800	12,8600	11,1800	6058,0000	3		12,5100	530			
Warrant	NL0012824270	GLPG 84.43SPLOPENG	EUR											
Warrant	NL0012829865	GLPG 84.56SPLOPENG	EUR											
Warrant	NL0012832869	GLPG 84.58SPLOPENG	EUR	7,2400	8,4700	7,2400				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
Warrant	NL0012825145	GLPG 88.54SPLOPENG	EUR											
Warrant	NL0012826440	GLPG 88.59SPLOPENG	EUR											
Warrant	NL0012829857	GLPG 88.79SPLOPENG	EUR											
Warrant	NL0012825863	GLPG 92.95SPLOPENG	EUR											
Warrant	NL0012829840	GLPG 93.21SPLOPENG	EUR											
Warrant	NL0012831895	GLPG 93.46SPSOPENG	EUR	5,0300	5,0300	3,6700			3,6700					
Warrant	NL0012827752	GLPG 95.01SPSOPENG	EUR											
Warrant	NL0012829832	GLPG 97.82SPLOPENG	EUR											
Warrant	NL0012462345	GMLTO 30.95SPLOPENG	EUR	21,5200	21,6000	21,5200			21,6000					
Warrant	NL0012469712	GMLTO 40.55SPLOPENG	EUR	12,6300	12,7100	12,6300			12,7100					
Warrant	NL0012473177	GMLTO 46.45PLOPENG	EUR	7,1400	7,2200	7,1400			7,2200					
Warrant	NL0011366471	GMLTO 65.95SPSOPENG	EUR	21,0400	21,0400	20,9400			20,9400					
Warrant	NL0012463509	GMLTO27.36SPLOPENG	EUR	23,1900	23,2700	23,1900			23,2700					
Warrant	NL0012462956	GMLTO30.29SPLOPENG	EUR	20,2500	20,3300	20,2500			20,3300					
Warrant	NL0012467054	GMLTO31.82SPLOPENG	EUR	18,8400	18,9200	18,8400			18,9200					
Warrant	NL0012470892	GMLTO47.09SPLOPENG	EUR	3,5800	3,6600	3,5800			3,6600					
Warrant	NL0012832125	GMLTO51.97SPSOPENG	EUR	2,1800	2,1800	2,0800			2,0800					
Warrant	NL0012063044	GMLTO52.59SPLOPENG	EUR											
Warrant	NL0012071807	GMLTO52.86SPLOPENG	EUR											
Warrant	NL0012072581	GMLTO55.89SPSOPENG	EUR	5,9800	5,9800	5,8800			5,8800					
Warrant	NL0006408544	GOLD 768SPLOPENG	EUR	42,0300	42,0300	42,0300			42,0300					
Warrant	NL0006408551	GOLD 832SPLOPENG	EUR	36,6200	36,6200	36,6200			36,6200					
Warrant	NL0006408569	GOLD 896SPLOPENG	EUR	31,2000	31,2000	31,2000			31,2000					
Warrant	NL0012827562	GOLD 915SPLOPENG	EUR	29,6000	29,6000	29,6000			29,6000					
Warrant	NL0012827570	GOLD 950SPLOPENG	EUR	26,6200	26,6200	26,6200			26,6200					
Warrant	NL0006423535	GOLD 980SPLOPENG	EUR	24,0300	24,0300	24,0300			24,0300					
Warrant	NL0012827554	GOLD 990SPLOPENG	EUR	23,2200	23,2200	23,2200			23,2200					
Warrant	NL0012827547	GOLD 1015SPLOPENG	EUR	21,0900	21,0900	21,0900			21,0900					
Warrant	NL0011483169	GOLD 1022SPLOPENG	EUR	18,1700	18,1700	18,1700			18,1700					
Warrant	NL0006425571	GOLD 1042SPLOPENG	EUR	18,7700	18,7700	18,7700			18,7700					
Warrant	NL0011480074	GOLD 1043SPLOPENG	EUR	16,3600	16,3600	16,3600			16,3600					
Warrant	NL0011304779	GOLD 1065SPLOPENG	EUR	14,0000	14,5100	14,0000	1050,0000	1	14,5100	75				
Warrant	NL00009105469	GOLD 1080SPLOPENG	EUR	15,5800	15,5800	15,5800			15,5800					
Warrant	NL0011303797	GOLD 1086SPLOPENG	EUR	12,6200	12,6200	12,6200			12,6200					
Warrant	NL0011303789	GOLD 1108SPLOPENG	EUR	10,7000	10,7000	10,7000			10,7000					
Warrant	NL0011618392	GOLD 1116SPLOPENG	EUR	12,5800	12,5800	12,5800			12,5800					
Warrant	NL00009107663	GOLD 1118SPLOPENG	EUR	12,3900	12,3900	12,3900			12,3900					
Warrant	NL0010944815	GOLD 1131SPLOPENG	EUR	8,7200	8,7200	8,7200			8,7200					
Warrant	NL0011480942	GOLD 1140SPLOPENG	EUR	10,5000	10,5000	10,5000			10,5000					
Warrant	NL0011487533	GOLD 1154SPLOPENG	EUR	6,7500	6,7500	6,7500			6,7500					
Warrant	NL0011488671	GOLD 1163SPLOPENG	EUR	8,5700	8,5700	8,5700			8,5700					
Warrant	NL0011493820	GOLD 1168SPLOPENG	EUR											
Warrant	NL0012827679	GOLD 1177SPLOPENG	EUR	4,0000	4,6700	4,0000	7752,0000	5	4,6700	1800				
Warrant	NL0011493192	GOLD 1178SPLOPENG	EUR											
Warrant	NL0012827638	GOLD 1182SPLOPENG	EUR											
Warrant	NL0012831473	GOLD 1187SPLOPENG	EUR											
Warrant	NL0012832018	GOLD 1188SPLOPENG	EUR	6,6000	6,6000	6,6000			6,6000					
Warrant	NL0012062491	GOLD 1192SPLOPENG	EUR											
Warrant	NL0012832786	GOLD 1200SPLOPENG	EUR	2,6000	2,6900	2,6000	260,0000	1	2,6900	100				
Warrant	NL0012062798	GOLD 1202SPLOPENG	EUR											
Warrant	NL0012832653	GOLD 1212SPLOPENG	EUR	4,5900	4,5900	4,5900			4,5900					
Warrant	NL0012826978	GOLD 1220SPSOPENG	EUR											
Warrant	NL0011634399	GOLD 1227SPLOPENG	EUR											
Warrant	NL0012826937	GOLD 1228SPSOPENG	EUR											
Warrant	NL0012068910	GOLD 1232SPLOPENG	EUR											
Warrant	NL0011634522	GOLD 1240SPLOPENG	EUR											
Warrant	NL0012070213	GOLD 1244SPLOPENG	EUR											
Warrant	NL0011858428	GOLD 1251SPLOPENG	EUR											
Warrant	NL0012824635	GOLD 1253SPSOPENG	EUR	2,3800	2,3800	2,3800			2,3800					
Warrant	NL0012825897	GOLD 1257SPSOPENG	EUR	5,9700	5,9700	5,9700			5,9700					
Warrant	NL0012826465	GOLD 1264SPSOPENG	EUR	3,9600	3,9600	3,3100	31,6800	1	3,3100	8				
Warrant	NL0012822738	GOLD 1279SPSOPENG	EUR	4,6300	4,6300	4,6300			4,6300					
Warrant	NL0012822050	GOLD 1305SPSOPENG	EUR	6,8800	6,8800	6,8800			6,8800					
Warrant	NL0012819601	GOLD 1332SPSOPENG	EUR	9,2100	9,2100	9,2100			9,2100					
Warrant	NL0012480412	GOLD 1359SPSOPENG	EUR	11,5700	11,5700	11,5700			11,5700					
Warrant	NL0011850722	GOLD 1378SPSOPENG	EUR	16,7800	16,7800	16,7800			16,7800					
Warrant	NL0010358610	GOLD 1387SPSOPENG	EUR	13,7900	13,7900	13,7900			13,7900					
Warrant	NL0010358453	GOLD 1420SPSOPENG	EUR	20,6100	20,6100	20,6100			20,6100					
Warrant	NL0012079537	GOLD 1426SPSOPENG	EUR	17,4300	17,4300	17,4300			17,4300					
Warrant	NL0010357943	GOLD 1457SPSOPENG	EUR	23,8800	23,8800	23,8800			23,8800					
Warrant	NL0010209201	GOLD 1656SPSOPENG	EUR	37,2100	37,2100	37,2100			37,2100					
Warrant	NL0009765932	GOLD 1827SPSOPENG	EUR	57,1700	57,1700	57,1700			57,1700					



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	NL0009876564	GOLD 1919SPOPENG	EUR	65,3800	65,3800	65,3800			65,3800					
Warrant	NL0006427791	HEINK 95PLOPENG	EUR	68,9700	70,0700	68,9700			70,0700					
Warrant	NL0011022132	HEINK 63SPLOPENG	EUR	14,7200	15,8200	14,7200			15,8200					
Warrant	NL0009110154	HEINK 18.5SPLOPENG	EUR	60,2200	61,3200	60,2200			61,3200					
Warrant	NL0009766724	HEINK 26.4SPLOPENG	EUR	52,8700	53,9700	52,8700			53,9700					
Warrant	NL0010085627	HEINK 36.1SPLOPENG	EUR	43,8000	44,9000	43,8000			44,9000					
Warrant	NL0010202412	HEINK 38.3SPLOPENG	EUR	41,7200	42,8200	41,7200			42,8200					
Warrant	NL0010689527	HEINK 44.9SPLOPENG	EUR	35,6000	36,7000	35,6000			36,7000					
Warrant	NL0010812129	HEINK 48.5SPLOPENG	EUR	32,2700	33,3700	32,2700			33,3700					
Warrant	NL0010830899	HEINK 52.3SPLOPENG	EUR	28,7100	29,8100	28,7100			29,8100					
Warrant	NL0010968715	HEINK 56.4SPLOPENG	EUR	24,9100	26,0100	24,9100			26,0100					
Warrant	NL0011016357	HEINK 60.8SPLOPENG	EUR	20,8400	21,9400	20,8400			21,9400					
Warrant	NL0011362264	HEINK 65.4SPLOPENG	EUR	16,5800	17,6800	16,5800			17,6800					
Warrant	NL0012069546	HEINK 77.3SPLOPENG	EUR											
Warrant	NL0012474688	HEINK 80.5SPLOPENG	EUR											
Warrant	NL0012825434	HEINK 86.5SPLOPENG	EUR											
Warrant	NL0010679700	HEINK43.04SPLOPENG	EUR	34,6900	35,7900	34,6900			35,7900					
Warrant	NL0010689758	HEINK45.53SPLOPENG	EUR	32,2000	33,3000	32,2000			33,3000					
Warrant	NL0010743142	HEINK48.11SPLOPENG	EUR	29,6100	30,7100	29,6100			30,7100					
Warrant	NL0010813705	HEINK50.81SPLOPENG	EUR	26,9200	28,0200	26,9200			28,0200					
Warrant	NL0010940037	HEINK53.64SPLOPENG	EUR	24,0900	25,1900	24,0900			25,1900					
Warrant	NL0010967618	HEINK56.61SPLOPENG	EUR	21,1200	22,2200	21,1200			22,2200					
Warrant	NL0011011606	HEINK59.72SPLOPENG	EUR	18,0000	19,1000	18,0000			19,1000					
Warrant	NL0011363098	HEINK66.38SPLOPENG	EUR	11,3500	12,4500	11,3500			12,4500					
Warrant	NL0012065379	HEINK69.84SPLOPENG	EUR	7,9300	9,1000	7,9300	1979,5000	4	9,0300	230				
Warrant	NL0012066179	HEINK73.49SPLOPENG	EUR	4,2800	5,3800	4,2800			5,3800					
Warrant	NL0011844360	HEINK77.66SPLOPENG	EUR											
Warrant	NL0012473532	HEINK81.17SPLOPENG	EUR											
Warrant	NL0012823744	HEINK85.21SPLOPENG	EUR											
Warrant	NL0012825095	HEINK89.96SPLOPENG	EUR											
Warrant	NL0012826242	HEINK91.36SPLOPENG	EUR	14,5200	14,5300	13,4000	29,0600	2	13,4000	2				
Warrant	NL0012469381	HEINK98.25SPLOPENG	EUR	21,5100	21,5100	20,3900			20,3900					
Warrant	NL0010458808	HENKE 66SPLOPENG	EUR	36,0100	36,0100	35,8100			35,8100					
Warrant	NL0010466041	HENKE 54.6SPLOPENG	EUR	46,7100	46,7100	46,5100			46,5100					
Warrant	NL0010458881	HENKE 59.2SPLOPENG	EUR	42,4000	42,4000	42,2000			42,2000					
Warrant	NL0010526380	HENKE 71.2SPLOPENG	EUR	31,2500	31,2500	31,0500			31,0500					
Warrant	NL0010946323	HENKE 78.1SPLOPENG	EUR	24,8000	24,8000	24,6000			24,6000					
Warrant	NL0010953790	HENKE 85.7SPLOPENG	EUR	17,7600	17,7600	17,5600			17,5600					
Warrant	NL0012825483	HENKE101.6SPLOPENG	EUR											
Warrant	NL0011493523	HSCEI 6120SPLOPENG	EUR	4,6900	4,6900	4,6900			4,6900					
Warrant	NL0011491485	HSCEI 6500SPLOPENG	EUR	4,2800	4,2800	4,2800			4,2800					
Warrant	NL0011623467	HSCEI 6880SPLOPENG	EUR	3,8800	3,8800	3,8800			3,8800					
Warrant	NL0011623566	HSCEI 7280SPLOPENG	EUR	3,4500	3,4500	3,4500			3,4500					
Warrant	NL0011847231	HSCEI 7680SPLOPENG	EUR	3,0300	3,0300	3,0300			3,0300					
Warrant	NL0011849088	HSCEI 8110SPLOPENG	EUR	2,5800	2,5800	2,5800			2,5800					
Warrant	NL0011850003	HSCEI 8560SPLOPENG	EUR	2,1000	2,1000	2,1000			2,1000					
Warrant	NL0012064182	HSCEI 9020SPLOPENG	EUR	1,6100	1,6100	1,6100			1,6100					
Warrant	NL0012072433	HSCEI 9510SPLOPENG	EUR	1,1800	1,1800	1,1300			1,1300					
Warrant	NL0011488754	HSCEI 9540SPLOPENG	EUR											
Warrant	NL0012075915	HSCEI10010SPLOPENG	EUR											
Warrant	NL0012825640	HSCEI10510SPLOPENG	EUR											
Warrant	NL0012828032	HSCEI10520SPLOPENG	EUR											
Warrant	NL0012828040	HSCEI11130SPLOPENG	EUR	1,8900	1,9300	1,8900			1,9300					
Warrant	NL0012825657	HSCEI11720SPLOPENG	EUR	2,5800	2,6200	2,5800			2,6200					
Warrant	NL0012475719	HSCEI12340SPLOPENG	EUR	3,3000	3,3400	3,3000			3,3400					
Warrant	NL0012472971	HSCEI13010SPLOPENG	EUR	4,0900	4,1200	4,0900			4,1200					
Warrant	NL0012469787	HSCEI13720SPLOPENG	EUR	4,9200	4,9500	4,9200			4,9500					
Warrant	NL0012471114	HSCEI14430SPLOPENG	EUR	5,7400	5,7800	5,7400			5,7800					
Warrant	NL0006408130	HSI 4960SPLOPENG	EUR	22,7000	22,7000	22,7000			22,7000					
Warrant	NL0006429086	HSI 6900SPLOPENG	EUR	20,6400	20,6400	20,6400			20,6400					
Warrant	NL0009107994	HSI 11280SPLOPENG	EUR	16,0000	16,0000	16,0000			16,0000					
Warrant	NL0009881267	HSI 12130SPLOPENG	EUR	15,1700	15,1700	15,1700			15,1700					
Warrant	NL0009902261	HSI 13920SPLOPENG	EUR	13,2700	13,2700	13,2700			13,2700					
Warrant	NL0010098232	HSI 14900SPLOPENG	EUR	12,2400	12,2400	12,2400			12,2400					
Warrant	NL0010103727	HSI 15900SPLOPENG	EUR	11,1800	11,1800	11,1800			11,1800					
Warrant	NL0010208468	HSI 16940SPLOPENG	EUR	10,0700	10,0700	10,0700			10,0700					
Warrant	NL0011623558	HSI 17910SPLOPENG	EUR	9,0400	9,0400	9,0400			9,0400					
Warrant	NL0011845490	HSI 18910SPLOPENG	EUR	7,9800	7,9800	7,9800			7,9800					
Warrant	NL0011849997	HSI 19960SPLOPENG	EUR	6,8700	6,8700	6,8700			6,8700					
Warrant	NL0012064562	HSI 21040SPLOPENG	EUR	5,7200	5,7200	5,7200			5,7200					
Warrant	NL0012065874	HSI 22190SPLOPENG	EUR	4,5100	4,5100	4,5100			4,5100					
Warrant	NL0012072417	HSI 23380SPLOPENG	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
Warrant	NL0012075907	HSI 24600SPLOPENG	EUR	1,9500	1,9500	1,9500			1,9500					
Warrant	NL0012077721	HSI 25890SPLOPENG	EUR											
Warrant	NL0012828313	HSI 27200SPLOPENG	EUR											
Warrant	NL0012462733	HSI 27280SPLOPENG	EUR											
Warrant	NL0012822027	HSI 30250SPSOPENG	EUR	7,4700	7,4700	7,4700				7,4700				
Warrant	NL0012472963	HSI 31870SPSOPENG	EUR	9,3600	9,3600	9,3600				9,3600				
Warrant	NL0012469761	HSI 33590SPSOPENG	EUR	11,3800	11,3800	11,3800				11,3800				
Warrant	NL0009901933	IBEX 4050SPLOPENG	EUR	5,0500	5,0500	5,0500				5,0500				
Warrant	NL0010203337	IBEX 4370SPLOPENG	EUR	4,8900	4,8900	4,7800				4,7800				
Warrant	NL0010203733	IBEX 4710SPLOPENG	EUR	4,5800	4,5800	4,4700				4,4700				
Warrant	NL0010204335	IBEX 5060SPLOPENG	EUR	4,2400	4,2400	4,1400				4,1400				
Warrant	NL0010207106	IBEX 5820SPLOPENG	EUR	3,5000	3,5000	3,3900				3,3900				
Warrant	NL0010528964	IBEX 6630SPLOPENG	EUR	2,7500	2,7500	2,6400				2,6400				
Warrant	NL0010530408	IBEX 7060SPLOPENG	EUR	2,3400	2,3400	2,2300				2,2300				
Warrant	NL0011847686	IBEX 7450SPLOPENG	EUR	1,9700	1,9700	1,8600				1,8600				
Warrant	NL0011850813	IBEX 7860SPLOPENG	EUR	1,5800	1,5800	1,4700				1,4700				
Warrant	NL0011862859	IBEX 8280SPLOPENG	EUR	1,1800	1,1800	1,0700				1,0700				
Warrant	NL0012829295	IBEX 8520SPLOPENG	EUR	0,9500	0,9500	0,8400				0,8400				
Warrant	NL0012063598	IBEX 8720SPLOPENG	EUR	0,7400	0,7400	0,6300				0,6300				
Warrant	NL0012830020	IBEX 9160SPLOPENG	EUR											
Warrant	NL0012067813	IBEX 9180SPLOPENG	EUR											
Warrant	NL0012822878	IBEX 9620SPLOPENG	EUR											
Warrant	NL0012476014	IBEX 10070SPSOPENG	EUR	1,5900	1,7000	1,5900				1,7000				
Warrant	NL0011027925	IBEX 10620SPSOPENG	EUR	2,1600	2,2700	2,1600				2,2700				
Warrant	NL0010748083	IBEX 10910SPSOPENG	EUR											
Warrant	NL0011212105	IBEX 11210SPSOPENG	EUR	2,7900	2,9000	2,7900				2,9000				
Warrant	NL0012075725	IBEX 11790SPSOPENG	EUR	3,4000	3,5100	3,4000				3,5100				
Warrant	NL0011362512	IBM 112SPLOPENG	EUR	2,4300	2,4300	2,4300				2,4300				
Warrant	NL0011628169	IBM 136SPLOPENG	EUR											
Warrant	NL0009909365	INBEV 32.6SPLOPENG	EUR	42,5400	42,9300	42,5400				42,9300				
Warrant	NL0010200788	INBEV 50.9SPLOPENG	EUR	25,4700	25,8600	25,4700				25,8600				
Warrant	NL0010465779	INBEV 56.9SPLOPENG	EUR	19,9600	20,3500	19,9600				20,3500				
Warrant	NL0010681219	INBEV 63.3SPLOPENG	EUR	13,9800	14,3700	13,9800				14,3700				
Warrant	NL0010743209	INBEV 70.2SPLOPENG	EUR	7,5800	7,9700	7,5800				7,9700				
Warrant	NL0010946281	INBEV 77.5SPLOPENG	EUR											
Warrant	NL0012826119	INBEV 82.8SPLOPENG	EUR											
Warrant	NL0012476899	INBEV105.1SPSOPENG	EUR	33,1100	33,1100	32,7100				32,7100				
Warrant	NL0011027990	INBEV118.3SPSOPENG	EUR	55,1300	55,1300	54,7300				54,7300				
Warrant	NL0012829949	INBEV65.44SPLOPENG	EUR	8,1100	8,5000	8,1100				8,5000				
Warrant	NL0012818629	INBEV68.87SPLOPENG	EUR	4,6700	5,1200	4,6700	10931,2000	1		5,0600	2135			
Warrant	NL0012478135	INBEV72.48SPLOPENG	EUR	1,0600	1,4500	1,0600				1,4500				
Warrant	NL0012830723	INBEV76.06SPLOPENG	EUR											
Warrant	NL0012477889	INBEV76.25SPLOPENG	EUR											
Warrant	NL0012831366	INBEV78.59SPSOPENG	EUR	6,6200	6,6200	6,2200				6,2200				
Warrant	NL0012821706	INBEV80.05SPLOPENG	EUR											
Warrant	NL0012822647	INBEV83.98SPLOPENG	EUR											
Warrant	NL0012826887	INBEV84.04SPLOPENG	EUR											
Warrant	NL0012829105	INBEV84.53SPSOPENG	EUR	12,5500	12,5500	12,1500				12,1500				
Warrant	NL0012825756	INBEV90.91SPSOPENG	EUR	18,9200	18,9200	18,5200				18,5200				
Warrant	NL0010202446	ING 3SPLOPENG	EUR	8,1500	8,1500	7,9300				7,9300				
Warrant	NL0011844030	ING 7SPLOPENG	EUR	4,5200	4,5200	4,3000				4,3000				
Warrant	DE000CJ3N9G1	ING 11C 0319Z	EUR	0,4850	0,4850	0,4850				0,4850				
Warrant	DE000CJ3N9F3	ING 11C 1218Z	EUR	0,2750	0,2750	0,2750				0,2750				
Warrant	DE000CV8AVU7	ING 12C 0319Z	EUR	0,2050	0,2050	0,2050				0,2050				
Warrant	DE000CV895V1	ING 12C 1218Z	EUR	0,0670	0,0670	0,0670				0,0670				
Warrant	DE000CV8AMR2	ING 14C 0319Z	EUR	0,0410	0,0410	0,0410				0,0410				
Warrant	NL0009879188	ING 0.1SPLOPENG	EUR	10,8300	10,8300	10,6100				10,6100				
Warrant	NL0009109909	ING 0.6SPLOPENG	EUR	10,3100	10,3100	10,0900				10,0900				
Warrant	NL0009107739	ING 1.2SPLOPENG	EUR	9,7600	9,7600	9,5400				9,5400				
Warrant	NL0009107721	ING 1.9SPLOPENG	EUR	9,1100	9,1100	8,8900				8,8900				
Warrant	NL0010099842	ING 2.2SPLOPENG	EUR	8,9100	8,9100	8,6900				8,6900				
Warrant	NL0010100111	ING 2.4SPLOPENG	EUR	8,6900	8,6900	8,4700				8,4700				
Warrant	NL0010201844	ING 2.7SPLOPENG	EUR	8,4400	8,4400	8,2200				8,2200				
Warrant	NL0010203642	ING 3.3SPLOPENG	EUR	7,8900	7,8900	7,6700				7,6700				
Warrant	NL0010357497	ING 3.6SPLOPENG	EUR	7,6400	7,6400	7,4200				7,4200				
Warrant	NL0010360905	ING 3.9SPLOPENG	EUR	7,3400	7,3400	7,1200				7,1200				
Warrant	NL0010362810	ING 4.2SPLOPENG	EUR	7,0400	7,0400	6,8200				6,8200				
Warrant	NL0010465795	ING 4.6SPLOPENG	EUR	6,7200	6,7200	6,5000				6,5000				
Warrant	NL0010467684	ING 4.9SPLOPENG	EUR	6,3900	6,3900	6,1700				6,1700				
Warrant	NL0010527297	ING 5.3SPLOPENG	EUR	6,0500	6,0500	5,8300				5,8300				
Warrant	NL0010529897	ING 5.7SPLOPENG	EUR	5,6800	5,6800	5,4600				5,4600				
Warrant	NL0010531042	ING 6.1SPLOPENG	EUR	5,2900	5,2900	5,0700				5,0700				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0010541934	ING 6.6SPLOPENG	EUR	4,8900	4,8900	4,6700	711,0000	1	4,6700	150				
Warrant	NL0011847454	ING 7.4SPLOPENG	EUR	4,1200	4,1200	3,9000			3,9000					
Warrant	NL0011848346	ING 7.9SPLOPENG	EUR	3,7100	3,7100	3,4900			3,4900					
Warrant	NL0011850912	ING 8.2SPLOPENG	EUR	3,4500	3,4500	3,2300			3,2300					
Warrant	NL0011850904	ING 8.5SPLOPENG	EUR	3,1800	3,1800	2,9600			2,9600					
Warrant	NL0011850896	ING 8.8SPLOPENG	EUR	2,9200	2,9200	2,7000			2,7000					
Warrant	NL0011851878	ING 9.1SPLOPENG	EUR	2,6100	2,6100	2,3900			2,3900					
Warrant	NL0011856174	ING 9.4SPLOPENG	EUR	2,3000	2,3100	2,0800	1155,0000	1	2,0800	500				
Warrant	NL0011857362	ING 9.8SPLOPENG	EUR	2,0000	2,0000	1,7800			1,7800					
Warrant	NL0011857644	ING 10.1SPLOPENG	EUR	1,6800	1,6800	1,4600			1,4600					
Warrant	NL0011859376	ING 10.5SPLOPENG	EUR	1,3900	1,3900	1,1700			1,1700					
Warrant	NL0012829360	ING 10.8SPLOPENG	EUR											
Warrant	NL0012829246	ING 10.8SPLOPENG	EUR											
Warrant	NL0012831945	ING 10.8SPLOPENG	EUR											
Warrant	NL0012831143	ING 11.1SPLOPENG	EUR											
Warrant	NL0011853338	ING 11.1SPLOPENG	EUR											
Warrant	NL0012830418	ING 11.1SPLOPENG	EUR											
Warrant	NL0011859368	ING 11.2SPLOPENG	EUR											
Warrant	NL0012827216	ING 11.5SPLOPENG	EUR											
Warrant	NL0011862453	ING 11.6SPLOPENG	EUR											
Warrant	NL0012827612	ING 11.9SPLOPENG	EUR											
Warrant	NL0012824957	ING 11.9SPLOPENG	EUR											
Warrant	NL0012825442	ING 12.3SPLOPENG	EUR											
Warrant	NL0011859681	ING 12.9SPLOPENG	EUR											
Warrant	DE000CV895W9	ING 13.5C 1218Z	EUR	0,0130	0,0130	0,0130			0,0130					
Warrant	DE000CV8ANI7	ING 14.5C 1218Z	EUR	0,0110	0,0110	0,0110			0,0110					
Warrant	NL0010361135	ING 4.29SPLOPENG	EUR	6,6100	6,6100	6,3900			6,3900					
Warrant	NL0011857230	ING 10.14SPLOPENG	EUR	0,7900	0,7900	0,5700			0,5700					
Warrant	NL0011857719	ING 10.49SPLOPENG	EUR	0,4100	0,4600	0,2200	87568,0200	59	0,2300	248391				
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 3.362SPLOPENG	EUR	7,5500	7,5500	7,3300			7,3300					
Warrant	NL0010209789	ING 3.664SPLOPENG	EUR	7,2300	7,2300	7,0100			7,0100					
Warrant	NL0010449583	ING 4.624SPLOPENG	EUR	6,2700	6,2700	6,0500			6,0500					
Warrant	NL0010466363	ING 4.977SPLOPENG	EUR	5,9600	5,9600	5,7400			5,7400					
Warrant	NL0010468138	ING 5.347SPLOPENG	EUR	5,5800	5,5800	5,3600			5,3600					
Warrant	NL0010528311	ING 5.735SPLOPENG	EUR	5,2100	5,2100	4,9900			4,9900					
Warrant	NL0010530903	ING 6.143SPLOPENG	EUR	4,8000	4,8000	4,5800			4,5800					
Warrant	NL0010531026	ING 6.572SPLOPENG	EUR	4,3000	4,3000	4,0800			4,0800					
Warrant	NL0010543476	ING 7.021SPLOPENG	EUR	3,8700	3,8700	3,6500			3,6500					
Warrant	NL0011847298	ING 7.453SPLOPENG	EUR	3,4900	3,4900	3,2700			3,2700					
Warrant	NL0011847959	ING 7.906SPLOPENG	EUR	3,0300	3,0300	2,8100	282,0000	1	2,8100	100				
Warrant	NL0011850474	ING 8.371SPLOPENG	EUR	2,5700	2,5700	2,3500	123,0000	1	2,3500	50				
Warrant	NL0011850466	ING 8.857SPLOPENG	EUR	2,0500	2,0500	1,8300	297,6000	1	1,8300	160				
Warrant	NL0011851340	ING 9.165SPLOPENG	EUR	1,8000	1,8300	1,5800	1891,5000	2	1,5800	1050				
Warrant	NL0011856067	ING 9.481SPLOPENG	EUR	1,4200	1,4200	1,2000			1,2000					
Warrant	NL0011856646	ING 9.808SPLOPENG	EUR	1,0900	1,0900	0,8700	368,2500	3	0,8700	375				
Warrant	DE000CV895X7	KBC 63C 1218Z	EUR	0,6400	0,6400	0,6400			0,6400					
Warrant	DE000CJ3N9H9	KBC 64C 0319Z	EUR	0,7800	0,7800	0,7800			0,7800					
Warrant	DE000CV8AM50	KBC 70C 0319Z	EUR	0,3450	0,3450	0,3450			0,3450					
Warrant	DE000CV895Y5	KBC 70C 1218Z	EUR	0,1450	0,1450	0,1450			0,1450					
Warrant	DE000CV8ASR9	KBC 74C 1218Z	EUR	0,0640	0,0640	0,0640			0,0640					
Warrant	NL0009885524	KBC 0.2SPLOPENG	EUR	64,3800	64,3800	64,3800			64,3800					
Warrant	NL0010218137	KBC 15.3SPLOPENG	EUR	50,6400	50,6400	50,6400			50,6400					
Warrant	NL0010219358	KBC 18.7SPLOPENG	EUR	47,5500	47,5500	47,5500			47,5500					
Warrant	NL0010530333	KBC 24.6SPLOPENG	EUR	42,1900	42,1900	42,1900			42,1900					
Warrant	NL0010531091	KBC 26.8SPLOPENG	EUR	40,1700	40,1700	40,1700			40,1700					
Warrant	NL0010536868	KBC 29.2SPLOPENG	EUR	38,0200	38,0200	38,0200			38,0200					
Warrant	NL0010939120	KBC 32.5SPLOPENG	EUR	35,0700	35,0700	35,0700			35,0700					
Warrant	NL0011846357	KBC 35.1SPLOPENG	EUR	32,6500	32,6500	32,6500			32,6500					
Warrant	NL0011855341	KBC 44.3SPLOPENG	EUR	24,3100	24,3100	24,3100			24,3100					
Warrant	NL0011856786	KBC 45.8SPLOPENG	EUR	19,0700	19,0700	19,0700			19,0700					
Warrant	NL0012064661	KBC 51.4SPLOPENG	EUR	17,8600	17,8600	17,8600			17,8600					
Warrant	NL0012070387	KBC 53.8SPLOPENG	EUR	11,0700	11,0700	11,0700			11,0700					
Warrant	NL0012821482	KBC 62.8SPLOPENG	EUR											
Warrant	NL0010753679	KBC 28.97SPLOPENG	EUR	35,8900	35,8900	35,8900			35,8900					



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	NL0010694592	KBC 32.78SPLOPENG	EUR	32,0900	32,0900	32,0900			32,0900					
Warrant	NL0010831020	KBC 34.74SPLOPENG	EUR	30,1200	30,1200	30,1200			30,1200					
Warrant	NL0011847991	KBC 36.74SPLOPENG	EUR	28,1300	28,1300	28,1300			28,1300					
Warrant	NL0011848833	KBC 38.85SPLOPENG	EUR	26,0200	26,0200	26,0200			26,0200					
Warrant	NL0011850573	KBC 41.05SPLOPENG	EUR	23,8100	23,8100	23,8100			23,8100					
Warrant	NL0011852090	KBC 43.37SPLOPENG	EUR	21,4900	21,4900	21,4900			21,4900					
Warrant	NL0011859756	KBC 51.02SPLOPENG	EUR	13,8400	13,8400	13,8400			13,8400					
Warrant	NL0012070601	KBC 56.71SPLOPENG	EUR	8,1600	8,1600	8,1600			8,1600					
Warrant	NL0012073258	KBC 59.68SPLOPENG	EUR	5,1800	5,1800	5,1800			5,1800					
Warrant	NL0012076848	KBC 62.63SPLOPENG	EUR											
Warrant	NL0012829964	KBC 62.67SPLOPENG	EUR	2,1900	2,1900	2,1900			2,1900					
Warrant	NL0012824809	KBC 67.98SPSOPENG	EUR	3,8800	3,8800	3,8800			3,8800					
Warrant	NL0012478200	KBC 73.09SPSOPENG	EUR	9,0000	9,0000	9,0000			9,0000					
Warrant	DE000CV89851	KGX 110C 0619Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	DE000CV89614	KPN 2C 1218Z	EUR	0,3950	0,3950	0,3950			0,3950					
Warrant	NL0011018122	KPN 2SPLOPENG	EUR	0,6700	0,6700	0,6300			0,6300					
Warrant	NL0010351045	KPN 0.3SPLOPENG	EUR	2,1500	2,1500	2,1100			2,1100					
Warrant	NL0010350260	KPN 0.5SPLOPENG	EUR	2,0000	2,0000	1,9600			1,9600					
Warrant	NL0010461570	KPN 0.6SPLOPENG	EUR	1,9200	1,9200	1,8800			1,8800					
Warrant	NL0010461836	KPN 0.7SPLOPENG	EUR	1,8100	1,8100	1,7700			1,7700					
Warrant	NL0010465803	KPN 0.8SPLOPENG	EUR	1,7100	1,7100	1,6700			1,6700					
Warrant	NL0010528345	KPN 0.9SPLOPENG	EUR	1,6000	1,6000	1,5600			1,5600					
Warrant	NL0010528337	KPN 1.1SPLOPENG	EUR	1,4700	1,4700	1,4300			1,4300					
Warrant	NL0010529194	KPN 1.2SPLOPENG	EUR	1,3400	1,3400	1,3000			1,3000					
Warrant	NL0010531331	KPN 1.4SPLOPENG	EUR	1,2100	1,2100	1,1700			1,1700					
Warrant	NL0010830089	KPN 1.5SPLOPENG	EUR	1,1100	1,1100	1,0700			1,0700					
Warrant	NL0010940078	KPN 1.6SPLOPENG	EUR	1,0400	1,0400	1,0000			1,0000					
Warrant	NL0010941084	KPN 1.7SPLOPENG	EUR	0,8900	0,8900	0,8400			0,8400					
Warrant	NL0011011945	KPN 1.9SPLOPENG	EUR	0,7900	0,7900	0,7500			0,7500					
Warrant	NL0011021183	KPN 2.1SPLOPENG	EUR	0,5100	0,5100	0,4800	1173,0000	1	0,4800	2300				
Warrant	DE000CV89622	KPN 2.2C 1218Z	EUR	0,2250	0,2250	0,2250			0,2250					
Warrant	NL0012822993	KPN 2.3SPLOPENG	EUR											
Warrant	DE000CV89630	KPN 2.4C 1218Z	EUR	0,0970	0,0970	0,0970			0,0970					
Warrant	NL0012825954	KPN 2.5SPLOPENG	EUR											
Warrant	NL0012826127	KPN 2.5SPLOPENG	EUR											
Warrant	NL0012827422	KPN 2.5SPSOPENG	EUR	0,1600	0,2000	0,1600	1020,0000	2	0,2000	6000				
Warrant	NL0012474696	KPN 2.6SPSOPENG	EUR	0,5200	0,5600	0,5200			0,5600					
Warrant	NL0011850920	KPN 2.7SPLOPENG	EUR											
Warrant	NL0012469621	KPN 2.9SPSOPENG	EUR	0,8300	0,8700	0,8300			0,8700					
Warrant	NL0011296728	KPN 3.2SPSOPENG	EUR	1,1600	1,2000	1,1600			1,2000					
Warrant	NL0012828198	KPN 1.95SPLOPENG	EUR	0,5500	0,5500	0,5000			0,5000					
Warrant	NL0011861612	KPN 2.09SPLOPENG	EUR	0,3800	0,3800	0,3400	1901,8000	2	0,3400	5005				
Warrant	NL0012832836	KPN 2.24SPLOPENG	EUR	0,2500	0,2500	0,2100			0,2100					
Warrant	NL0011854443	KPN 2.25SPLOPENG	EUR											
Warrant	NL0012830749	KPN 2.25SPLOPENG	EUR											
Warrant	NL0012825764	KPN 2.46SPLOPENG	EUR											
Warrant	NL0012475677	KPN 2.76SPSOPENG	EUR	0,4100	0,4500	0,4100			0,4500					
Warrant	NL0011625587	KPN 3.05SPSOPENG	EUR	0,7100	0,7500	0,7100			0,7500					
Warrant	NL0012823132	LIGHT 19SPLOPENG	EUR	4,1200	4,1700	4,1200			4,1700					
Warrant	NL0012823686	LIGHT 17.7SPLOPENG	EUR	5,3500	5,4000	5,3500			5,4000					
Warrant	NL0012820047	LIGHT 20.4SPLOPENG	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	LIGHT17.27SPLOPENG	EUR	4,6500	4,7000	4,6500			4,7000					
Warrant	NL0012823371	LIGHT18.18SPLOPENG	EUR	3,7600	3,8100	3,7600			3,8100					
Warrant	NL0012822423	LIGHT19.12SPLOPENG	EUR	2,8000	3,0000	2,8000	300,0000	1	2,8500	100				
Warrant	NL0012820583	LIGHT20.12SPLOPENG	EUR	1,8000	1,8500	1,8000			1,8500					
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	LIGHT23.48SPSOPENG	EUR	1,9800	1,9800	1,9000			1,9000					
Warrant	NL0012830772	LIGHT24.52SPLOPENG	EUR											
Warrant	NL0012832158	LIGHT25.25SPSOPENG	EUR	3,7500	3,7500	3,6700			3,6700					
Warrant	NL0012824262	LIGHT25.29SPSOPENG	EUR											
Warrant	NL0012819726	LIGHT27.16SPSOPENG	EUR	5,6600	5,6600	5,5800			5,5800					
Warrant	NL0012819528	LIGHT29.21SPSOPENG	EUR	7,7100	7,7100	7,6300			7,6300					
Warrant	DE000CV8AZ16	LRGX 180C 0319Z	EUR	0,1350	0,1350	0,1350			0,1350					



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
Warrant	DE000CV8AVW3	LRCX 180C 1218Z	EUR	0,0310	0,0310	0,0310			0,0310					
Warrant	DE000CV8AKD6	LRCX 200C 0319Z	EUR	0,0600	0,0600	0,0600			0,0600					
Warrant	DE000CV8AKC8	LRCX 200C 1218Z	EUR	0,0120	0,0120	0,0120			0,0120					
Warrant	DE000CV88160	LRCX 220C 0619Z	EUR	0,1150	0,1150	0,1150			0,1150					
Warrant	NL0010965935	LVMH 107SPLOPENG	EUR	16,4000	16,4000	16,1400			16,1400					
Warrant	NL0010966826	LVMH 118SPLOPENG	EUR	15,3900	15,3900	15,1300			15,1300					
Warrant	NL0011856224	LVMH 129SPLOPENG	EUR	14,3400	14,3400	14,0700			14,0700					
Warrant	NL0012063267	LVMH 170SPLOPENG	EUR	10,6200	10,6200	10,3600			10,3600					
Warrant	NL0012825269	LVMH 219SPLOPENG	EUR	5,9800	5,9800	5,7100			5,7100					
Warrant	NL0012825251	LVMH 261SPLOPENG	EUR											
Warrant	NL0012828750	LVMH 284SPLOPENG	EUR											
Warrant	DE000CV8AKF1	MCDON 160C 1218Z	EUR	0,4050	0,4050	0,4050			0,4050					
Warrant	DE000CJ3N9Y4	MCDON 170C 0319Z	EUR	0,2850	0,2850	0,2850			0,2850					
Warrant	DE000CV8AKG9	MCDON 170C 1218Z	EUR	0,1650	0,1650	0,1650			0,1650					
Warrant	DE000CJ3N9Z1	MCDON 180C 0319Z	EUR	0,1350	0,1350	0,1350			0,1350					
Warrant	DE000CJ3N906	MICRO 44C 1218Z	EUR	0,1950	0,1950	0,1950			0,1950					
Warrant	DE000CJ3N914	MICRO 46C 0319Z	EUR	0,2650	0,2650	0,2650			0,2650					
Warrant	DE000CV8AZW4	MICRO 48C 1218Z	EUR	0,0960	0,0960	0,0960			0,0960					
Warrant	DE000CV8AY33	MICRO 50C 0319Z	EUR	0,1650	0,1650	0,1650			0,1650					
Warrant	DE000CV8AM60	MICRO 52C 1218Z	EUR	0,0440	0,0440	0,0440			0,0440					
Warrant	DE000CV8AKJ3	MICRO 56C 1218Z	EUR	0,0200	0,0200	0,0200			0,0200					
Warrant	DE000CV8AKK1	MICRO 60C 0319Z	EUR	0,0520	0,0520	0,0520			0,0520					
Warrant	DE000CV88178	MICRO 60C 1218Z	EUR	0,0130	0,0130	0,0130			0,0130					
Warrant	DE000CV8AKM7	MSOFT 110C 1218Z	EUR	0,1950	0,1950	0,1950			0,1950					
Warrant	DE000CJ3N922	MSOFT 112C 0319Z	EUR	0,2550	0,2550	0,2550			0,2550					
Warrant	DE000CJ3N930	MSOFT 120C 0319Z	EUR	0,1250	0,1250	0,1250			0,1250					
Warrant	DE000CV8ANL3	MSOFT 120C 1218Z	EUR	0,0490	0,0490	0,0490			0,0490					
Warrant	NL0010544425	MSOFT 30.7SPLOPENG	EUR	69,9400	69,9400	69,9400			69,9400					
Warrant	NL0010680682	MSOFT 34.1SPLOPENG	EUR	67,2100	67,2100	67,2100			67,2100					
Warrant	NL0010746491	MSOFT 37.7SPLOPENG	EUR	64,2600	64,2600	64,2600			64,2600					
Warrant	NL0011621560	MSOFT 45.6SPLOPENG	EUR	57,8900	57,8900	57,8900			57,8900					
Warrant	NL0011850185	MSOFT 54.8SPLOPENG	EUR	50,4000	50,4000	50,4000			50,4000					
Warrant	NL00009105170	NASDAQ 1110SPLOPENG	EUR	53,0500	53,0500	53,0500			53,0500					
Warrant	NL0009371608	NASDAQ 1940SPLOPENG	EUR	46,2400	46,2400	46,2400			46,2400					
Warrant	NL0010344073	NASDAQ 2660SPLOPENG	EUR	40,2300	40,2300	40,2300			40,2300					
Warrant	NL0010362489	NASDAQ 2810SPLOPENG	EUR	39,0000	39,0000	39,0000			39,0000					
Warrant	NL0010538815	NASDAQ 3120SPLOPENG	EUR	36,3600	36,3600	36,3600			36,3600					
Warrant	NL0010543708	NASDAQ 3330SPLOPENG	EUR	34,6300	34,6300	34,6300			34,6300					
Warrant	NL0010590782	NASDAQ 3550SPLOPENG	EUR	32,8000	32,8000	32,8000			32,8000					
Warrant	NL0010742151	NASDAQ 3752SPLOPENG	EUR	29,6900	29,6900	29,6900			29,6900					
Warrant	NL0010745253	NASDAQ 3832SPLOPENG	EUR	28,9900	28,9900	28,9900			28,9900					
Warrant	NL0010747333	NASDAQ 3914SPLOPENG	EUR	28,2800	28,2800	28,2800			28,2800					
Warrant	NL0011363890	NASDAQ 3975SPLOPENG	EUR	27,7400	27,7400	27,7400			27,7400					
Warrant	NL0011364740	NASDAQ 3990SPLOPENG	EUR	29,2100	29,2100	29,2100			29,2100					
Warrant	NL0011363882	NASDAQ 3996SPLOPENG	EUR	27,5600	27,5600	27,5600			27,5600					
Warrant	NL0011363874	NASDAQ 4017SPLOPENG	EUR	27,3700	27,3700	27,3700			27,3700					
Warrant	NL0011363866	NASDAQ 4038SPLOPENG	EUR	27,1900	27,1900	27,1900			27,1900					
Warrant	NL0011363858	NASDAQ 4059SPLOPENG	EUR	27,0600	27,0600	27,0600			27,0600					
Warrant	NL0011618210	NASDAQ 4070SPLOPENG	EUR	28,5100	28,5100	28,5100			28,5100					
Warrant	NL0011620448	NASDAQ 4089SPLOPENG	EUR	26,8000	26,8000	26,8000			26,8000					
Warrant	NL0011619556	NASDAQ 4150SPLOPENG	EUR	27,8100	27,8100	27,8100			27,8100					
Warrant	NL0011620430	NASDAQ 4179SPLOPENG	EUR	26,0700	26,0700	26,0700			26,0700					
Warrant	NL0011618145	NASDAQ 4220SPSOPENG	EUR											
Warrant	NL0011620638	NASDAQ 4239SPLOPENG	EUR	25,4900	25,4900	25,4900			25,4900					
Warrant	NL0011621263	NASDAQ 4240SPLOPENG	EUR	27,0900	27,0900	27,0900			27,0900					
Warrant	NL0011622592	NASDAQ 4270SPLOPENG	EUR	25,2200	25,2200	25,2200			25,2200					
Warrant	NL0011633847	NASDAQ 4293SPLOPENG	EUR											
Warrant	NL0011845698	NASDAQ 4323SPLOPENG	EUR	24,7800	24,7800	24,7800			24,7800					
Warrant	NL0011622337	NASDAQ 4330SPLOPENG	EUR	26,3600	26,3600	26,3600			26,3600					
Warrant	NL0011846050	NASDAQ 4377SPLOPENG	EUR	24,3100	24,3100	24,3100			24,3100					
Warrant	NL0011845516	NASDAQ 4420SPLOPENG	EUR	25,6200	25,6200	25,6200			25,6200					
Warrant	NL0011846639	NASDAQ 4431SPLOPENG	EUR	23,8400	23,8400	23,8400			23,8400					
Warrant	NL0011847827	NASDAQ 4485SPLOPENG	EUR	23,3600	23,3600	23,3600			23,3600					
Warrant	NL0011845979	NASDAQ 4510SPLOPENG	EUR	24,8600	24,8600	24,8600			24,8600					
Warrant	NL0011848270	NASDAQ 4541SPLOPENG	EUR	22,8700	22,8700	22,8700			22,8700					
Warrant	NL0011848957	NASDAQ 4597SPLOPENG	EUR	22,4200	22,4200	22,4200			22,4200					
Warrant	NL0011849401	NASDAQ 4654SPLOPENG	EUR	21,9300	21,9300	21,9300			21,9300					
Warrant	NL0011850821	NASDAQ 4690SPLOPENG	EUR											
Warrant	NL0011848130	NASDAQ 4700SPLOPENG	EUR	23,3000	23,3000	23,3000			23,3000					
Warrant	NL0011849914	NASDAQ 4711SPLOPENG	EUR	21,4300	21,4300	21,4300			21,4300					
Warrant	NL0011851449	NASDAQ 4769SPLOPENG	EUR	20,9200	20,9200	20,9200			20,9200					
Warrant	NL0011850037	NASDAQ 4790SPLOPENG	EUR	22,5000	22,5000	22,5000			22,5000					



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
Warrant	NL0011855176	NASDQ 48285PLOPENG	EUR	20,4100	20,4100	20,4100			20,4100					
Warrant	NL0012061667	NASDQ 48875PLOPENG	EUR	19,8900	19,8900	19,8900			19,8900					
Warrant	NL0011862867	NASDQ 48905PLOPENG	EUR	21,6900	21,6900	21,6900			21,6900					
Warrant	NL0012063481	NASDQ 49475PLOPENG	EUR	19,3700	19,3700	19,3700			19,3700					
Warrant	NL0012063606	NASDQ 49905PLOPENG	EUR	20,8600	20,8600	20,8600			20,8600					
Warrant	NL0012063937	NASDQ 50085PLOPENG	EUR	18,8400	18,8400	18,8400			18,8400					
Warrant	NL0012064992	NASDQ 50705PLOPENG	EUR	18,3000	18,3000	18,3000			18,3000					
Warrant	NL0012065460	NASDQ 51325PLOPENG	EUR	17,7600	17,7600	17,7600			17,7600					
Warrant	NL0012066096	NASDQ 51955PLOPENG	EUR	17,2200	17,2200	17,2200			17,2200					
Warrant	NL0012064190	NASDQ 52005PLOPENG	EUR	19,1400	19,1400	19,1400			19,1400					
Warrant	NL0012066146	NASDQ 52585PLOPENG	EUR	16,6600	16,6600	16,6600			16,6600					
Warrant	NL0012065882	NASDQ 53005PLOPENG	EUR	18,2600	18,2600	18,2600			18,2600					
Warrant	NL0012066997	NASDQ 53225PLOPENG	EUR	16,1000	16,1000	16,1000			16,1000					
Warrant	NL0012069447	NASDQ 53875PLOPENG	EUR	15,5300	15,5300	15,5300			15,5300					
Warrant	NL0012066500	NASDQ 54105PLOPENG	EUR	17,3600	17,3600	17,3600			17,3600					
Warrant	NL0012070965	NASDQ 54535PLOPENG	EUR	14,9600	14,9600	14,9600			14,9600					
Warrant	NL0012069207	NASDQ 55205PLOPENG	EUR	16,4500	16,4500	16,4500			16,4500					
Warrant	NL0012071120	NASDQ 55205PLOPENG	EUR	14,3800	14,3800	14,3800			14,3800					
Warrant	NL0012072003	NASDQ 55875PLOPENG	EUR	13,7900	13,7900	13,7900			13,7900					
Warrant	NL0012073290	NASDQ 57245PLOPENG	EUR	13,2700	13,2700	12,6000	557,3400	1	12,6000	42				
Warrant	NL0012071476	NASDQ 57505PLOPENG	EUR	14,5600	14,5600	14,5600			14,5600					
Warrant	NL0012076574	NASDQ 57945PLOPENG	EUR	11,9900	11,9900	11,9900			11,9900					
Warrant	NL0012078851	NASDQ 58605PLOPENG	EUR	13,5900	13,5900	13,5900			13,5900					
Warrant	NL0012079255	NASDQ 58645PLOPENG	EUR	11,3800	11,3800	11,3800			11,3800					
Warrant	NL0012463061	NASDQ 59355PLOPENG	EUR	10,7600	10,7600	10,7600			10,7600					
Warrant	NL0012079420	NASDQ 59805PLOPENG	EUR	12,6100	12,6100	12,6100			12,6100					
Warrant	NL0012464606	NASDQ 60075PLOPENG	EUR	10,7500	10,7500	10,1300	80625,0000	1	10,1300	7500				
Warrant	NL0012464937	NASDQ 60805PLOPENG	EUR	9,5000	9,5000	9,5000			9,5000					
Warrant	NL0012464036	NASDQ 61005PLOPENG	EUR	11,6000	11,6000	11,6000			11,6000					
Warrant	NL0012465579	NASDQ 61545PLOPENG	EUR	8,8600	8,8600	8,8600			8,8600					
Warrant	NL0012466569	NASDQ 62285PLOPENG	EUR	8,2100	8,2100	8,2100			8,2100					
Warrant	NL0012465462	NASDQ 62305PLOPENG	EUR	10,5800	10,5800	10,5800			10,5800					
Warrant	NL0012473227	NASDQ 63505PLOPENG	EUR	9,5300	9,5300	9,5300			9,5300					
Warrant	NL0012473466	NASDQ 63805PLOPENG	EUR	6,8900	6,8900	6,8900			6,8900					
Warrant	NL0012481105	NASDQ 64585PLOPENG	EUR	6,2100	6,2100	6,2100			6,2100					
Warrant	NL0012479513	NASDQ 64805PLOPENG	EUR	8,4800	8,4800	8,4800			8,4800					
Warrant	NL0012818702	NASDQ 65355PLOPENG	EUR	6,1800	6,1800	5,5300	61800,0000	1	5,5300	10000				
Warrant	NL0012481253	NASDQ 66105PLOPENG	EUR	7,3900	7,3900	7,3900			7,3900					
Warrant	NL0012819239	NASDQ 66145PLOPENG	EUR	4,8500	4,8500	4,8500			4,8500					
Warrant	NL0012819221	NASDQ 66945PLOPENG	EUR	4,1500	4,1500	4,1500			4,1500					
Warrant	NL0012819916	NASDQ 67405PLOPENG	EUR	6,3000	6,3000	6,3000			6,3000					
Warrant	NL0012821268	NASDQ 67755PLOPENG	EUR	3,4500	3,4500	3,4500	258,7500	1	3,4500	75				
Warrant	NL0012821300	NASDQ 68565PLOPENG	EUR	2,7400	2,7400	2,7400			2,7400					
Warrant	NL0012819908	NASDQ 68805PLOPENG	EUR	5,1700	5,1700	5,1700			5,1700					
Warrant	NL0012821953	NASDQ 69355PLOPENG	EUR											
Warrant	NL0012832984	NASDQ 69385PLOPENG	EUR	2,0300	2,0300	2,0300			2,0300					
Warrant	NL0012824197	NASDQ 70185PLOPENG	EUR											
Warrant	NL0012822886	NASDQ 70205PLOPENG	EUR											
Warrant	NL0012824601	NASDQ 71015PLOPENG	EUR											
Warrant	NL0012823827	NASDQ 71605PLOPENG	EUR											
Warrant	NL0012828370	NASDQ 71865PLOPENG	EUR											
Warrant	NL0012824288	NASDQ 72505PLOPENG	EUR											
Warrant	NL0012828529	NASDQ 72715PLOPENG	EUR											
Warrant	NL0012827307	NASDQ 73005PLOPENG	EUR											
Warrant	NL0012832513	NASDQ 74195PSOPENG	EUR	2,8200	2,8200	2,5900	419,0000	2	2,5900	150				
Warrant	NL0012829899	NASDQ 74305PLOPENG	EUR											
Warrant	NL0012828487	NASDQ 74305PLOPENG	EUR											
Warrant	NL0012831309	NASDQ 74505PLOPENG	EUR											
Warrant	NL0012470587	NASDQ 75195PSOPENG	EUR											
Warrant	NL0012829709	NASDQ 75705PSOPENG	EUR											
Warrant	NL0012828727	NASDQ 75805PLOPENG	EUR											
Warrant	NL0012828057	NASDQ 75805PSOPENG	EUR											
Warrant	NL0012832521	NASDQ 76005PSOPENG	EUR	4,1700	4,1700	4,1700			4,1700					
Warrant	NL0012470785	NASDQ 76095PSOPENG	EUR											
Warrant	NL0012826812	NASDQ 77205PSOPENG	EUR	8,6400	8,6400	8,6400			8,6400					
Warrant	NL0012471338	NASDQ 77865PSOPENG	EUR	5,7900	5,7900	5,7900			5,7900					
Warrant	NL0012820245	NASDQ 78805PSOPENG	EUR	5,7000	6,6100	5,4600	7488,1600	5	6,6100	1321				
Warrant	NL0012821961	NASDQ 79755PSOPENG	EUR	7,4300	7,4300	7,4300			7,4300					
Warrant	NL0012826499	NASDQ 81685PSOPENG	EUR	9,1200	9,1200	9,1200			9,1200					
Warrant	NL0012826788	NASDQ 82665PSOPENG	EUR	9,9700	9,9700	9,9700			9,9700					
Warrant	NL0012828537	NASDQ 83665PSOPENG	EUR	10,8400	10,8400	10,8400			10,8400					
Warrant	NL0012830954	NASDQ 84665PSOPENG	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
Warrant	NL0012826903	NASDQ 8530SPSOPENG	EUR	16,0300	16,0300	16,0300			16,0300					
Warrant	NL0012067664	NESTL 53SPLOPENG	EUR	27,0900	27,0900	27,0900			27,0900					
Warrant	NL0012471056	NESTL 56SPLOPENG	EUR	2,4600	2,4600	2,4600			2,4600					
Warrant	NL0012471049	NESTL 60SPLOPENG	EUR	2,1400	2,1400	2,1400			2,1400					
Warrant	NL0012471031	NESTL 69SPLOPENG	EUR	1,4100	1,4100	1,4100			1,4100					
Warrant	NL0012471064	NESTL 87SPSOPENG	EUR	1,3700	1,3700	1,3700			1,3700					
Warrant	NL0012473094	NESTL69.28SPLOPENG	EUR	1,9400	1,9400	1,9400			1,9400					
Warrant	NL0012823959	NESTL72.77SPLOPENG	EUR	1,6300	1,6300	1,6300			1,6300					
Warrant	NL0012470926	NESTL84.04SPSOPENG	EUR	1,4600	1,4600	1,4600			1,4600					
Warrant	NL0006408171	NIKEI 5520SPLOPENG	EUR	132,0500	132,0500	132,0500			132,0500					
Warrant	NL0010204343	NIKEI 7830SPLOPENG	EUR	114,8500	114,8500	114,8500			114,8500					
Warrant	NL0010344438	NIKEI 9880SPLOPENG	EUR	99,4700	99,4700	99,4700			99,4700					
Warrant	NL0010347456	NIKEI10450SPLOPENG	EUR	95,1100	95,1100	95,1100			95,1100					
Warrant	NL0010466405	NIKEI13050SPLOPENG	EUR	75,6000	75,6000	75,6000			75,6000					
Warrant	NL0010746582	NIKEI14240SPLOPENG	EUR	66,7100	66,7100	66,7100			66,7100					
Warrant	NL0011844923	NIKEI14690SPLOPENG	EUR	63,3200	63,3200	63,3200			63,3200					
Warrant	NL0011848148	NIKEI15150SPLOPENG	EUR	59,8300	59,8300	59,8300			59,8300					
Warrant	NL0011848528	NIKEI15630SPLOPENG	EUR	56,2400	56,2400	56,2400			56,2400					
Warrant	NL0011859616	NIKEI16620SPLOPENG	EUR	48,8000	48,8000	48,8000			48,8000					
Warrant	NL0011861117	NIKEI17680SPLOPENG	EUR	40,8800	40,8800	40,8800			40,8800					
Warrant	NL0012062012	NIKEI18230SPLOPENG	EUR	36,7500	36,7500	36,7500			36,7500					
Warrant	NL0012071484	NIKEI18790SPLOPENG	EUR	33,8000	33,8000	32,5200	507,0000	1	32,5200	15				
Warrant	NL0012081020	NIKEI19370SPLOPENG	EUR	28,3100	28,3100	28,1800	1415,5000	1	28,1800	50				
Warrant	NL0012480909	NIKEI21180SPLOPENG	EUR	16,5000	16,5000	14,5800	247,5000	1	14,5800	15				
Warrant	NL0012828321	NIKEI21820SPLOPENG	EUR	1,0500	1,0500	1,0500			1,0500					
Warrant	NL0012824296	NIKEI21900SPLOPENG	EUR											
Warrant	NL0012831325	NIKEI22480SPLOPENG	EUR											
Warrant	NL0012831317	NIKEI23150SPLOPENG	EUR											
Warrant	NL0012472567	NIKEI23480SPSOPENG	EUR											
Warrant	NL0012832182	NIKEI24020SPSOPENG	EUR	2,0500	2,0500	2,0500			2,0500					
Warrant	NL0012466882	NIKEI24770SPSOPENG	EUR	25,8000	25,8000	25,8000			25,8000					
Warrant	NL0012822035	NIKEI25520SPSOPENG	EUR	3,2500	3,2500	3,2500			3,2500					
Warrant	NL0012822043	NIKEI27090SPSOPENG	EUR	4,5100	4,5100	4,5100			4,5100					
Warrant	NL0012826820	NIKEI27910SPSOPENG	EUR	5,1700	5,1700	5,1700			5,1700					
Warrant	NL0010206934	NKOYJ 1SPLOPENG	EUR	3,9700	3,9900	3,9700			3,9900					
Warrant	NL0010087102	NKOYJ 0.2SPLOPENG	EUR	4,6700	4,6900	4,6700			4,6900					
Warrant	NL0010086112	NKOYJ 0.4SPLOPENG	EUR	4,5400	4,5600	4,5400			4,5600					
Warrant	NL0010203246	NKOYJ 0.9SPLOPENG	EUR	4,1200	4,1300	4,1200			4,1300					
Warrant	NL0010213492	NKOYJ 1.2SPLOPENG	EUR	3,8300	3,8500	3,8300			3,8500					
Warrant	NL0010215620	NKOYJ 1.3SPLOPENG	EUR	3,6900	3,7100	3,6900			3,7100					
Warrant	NL0010363313	NKOYJ 1.7SPLOPENG	EUR	3,3700	3,3900	3,3700			3,3900					
Warrant	NL0010535423	NKOYJ 2.3SPLOPENG	EUR	2,7700	2,7900	2,7700			2,7900					
Warrant	NL0010594156	NKOYJ 3.1SPLOPENG	EUR	2,0800	2,1000	2,0800			2,1000					
Warrant	NL0011198098	NKOYJ 6.2SPSOPENG	EUR	2,1100	2,1100	2,0700			2,0700					
Warrant	NL0011303268	NKOYJ 6.9SPSOPENG	EUR	2,9300	2,9300	2,8900			2,8900					
Warrant	NL0012824148	NNGRP 34SPLOPENG	EUR	7,4300	7,4300	7,1500			7,1500					
Warrant	NL0010751889	NNGRP 10.2SPLOPENG	EUR	29,6200	29,6200	29,3400			29,3400					
Warrant	NL0010751871	NNGRP 12.5SPLOPENG	EUR	27,5000	27,5000	27,2200			27,2200					
Warrant	NL0010751863	NNGRP 12.6SPLOPENG	EUR	27,3800	27,3800	27,1000			27,1000					
Warrant	NL0010751855	NNGRP 13.9SPLOPENG	EUR	26,1400	26,1400	25,8600			25,8600					
Warrant	NL0010752226	NNGRP 16.5SPLOPENG	EUR	23,7500	23,7500	23,4700			23,4700					
Warrant	NL0010944013	NNGRP 16.9SPLOPENG	EUR	23,3400	23,3400	23,0600			23,0600					
Warrant	NL0011022447	NNGRP 18.6SPLOPENG	EUR	21,8200	21,8200	21,5400			21,5400					
Warrant	NL0011851993	NNGRP 21.3SPLOPENG	EUR	19,3100	19,3100	19,0300			19,0300					
Warrant	NL0011852694	NNGRP 21.9SPLOPENG	EUR	18,7700	18,7700	18,4900			18,4900					
Warrant	NL0011861968	NNGRP 26.7SPLOPENG	EUR	14,2900	14,2900	14,0100			14,0100					
Warrant	NL0012075030	NNGRP 27.5SPLOPENG	EUR	13,5100	13,5100	13,2300			13,2300					
Warrant	NL0012080055	NNGRP 30.7SPLOPENG	EUR	10,5500	10,5500	10,2700			10,2700					
Warrant	NL0012465249	NNGRP 31.8SPLOPENG	EUR	9,5400	9,5400	9,2600			9,2600					
Warrant	NL0012825053	NNGRP 35.3SPLOPENG	EUR	3,8600	3,8600	3,5800			3,5800					
Warrant	NL0012829923	NNGRP 36.4SPLOPENG	EUR	5,2000	5,2000	4,9200			4,9200					
Warrant	NL0012465256	NNGRP 39.1SPSOPENG	EUR											
Warrant	NL0012481212	NNGRP 41.1SPSOPENG	EUR	2,2500	2,5200	2,2500			2,5200					
Warrant	NL0012829931	NNGRP 42.6SPSOPENG	EUR	7,1000	7,3700	7,1000			7,3700					
Warrant	NL0011856513	NNGRP21.75SPLOPENG	EUR	17,3600	17,3600	17,0800			17,0800					
Warrant	NL0011856505	NNGRP23.06SPLOPENG	EUR	16,0900	16,0900	15,8100			15,8100					
Warrant	NL0011859780	NNGRP24.39SPLOPENG	EUR	14,7700	14,7700	14,4900			14,4900					
Warrant	NL0011860556	NNGRP25.79SPLOPENG	EUR	13,3700	13,3700	13,0900			13,0900					
Warrant	NL0012071344	NNGRP27.26SPLOPENG	EUR	11,8900	11,8900	11,6100			11,6100					
Warrant	NL0012075204	NNGRP28.75SPLOPENG	EUR	10,4000	10,4000	10,1200			10,1200					
Warrant	NL0012075642	NNGRP30.31SPLOPENG	EUR	8,8400	8,8400	8,5600			8,5600					
Warrant	NL0012080816	NNGRP31.93SPLOPENG	EUR	7,2200	7,2200	6,9400			6,9400					



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	NL0012823363	NNGRP33.57SPLOPENG	EUR	5,5900	5,5900	5,3100			5,3100					
Warrant	NL0012830491	NNGRP37.08SPLOPENG	EUR	2,0700	2,0700	1,7900			1,7900					
Warrant	NL0012820997	NNGRP38.24SPSOPENG	EUR											
Warrant	NL0011618897	NTFLX 86SPLOPENG	EUR	23,8900	23,8900	23,8900			23,8900					
Warrant	NL0011851977	NTFLX 94SPLOPENG	EUR	23,2800	23,2800	23,2800			23,2800					
Warrant	NL0011857651	NTFLX 111SPLOPENG	EUR	21,9100	21,9100	21,9100			21,9100					
Warrant	NL0010740478	NTFLX 49.6SPLOPENG	EUR	187,0600	187,0600	187,0600			187,0600					
Warrant	NL0011013719	NTFLX 60.7SPLOPENG	EUR	180,8600	180,8600	180,8600			180,8600					
Warrant	NL0011212972	NTFLX 66.2SPLOPENG	EUR	177,8600	177,8600	177,8600			177,8600					
Warrant	NL0011475421	NVDA 24.4SPLOPENG	EUR	189,6000	189,6000	189,6000			189,6000					
Warrant	NL0012826168	NYRST 3.1SPLOPENG	EUR											
Warrant	NL0012823066	NYRST 3.4SPLOPENG	EUR											
Warrant	NL0012820005	NYRST 5.8SPSOPENG	EUR											
Warrant	NL0012831689	NYRST 1.49SPLOPENG	EUR	0,8500	0,8500	0,8100			0,8100					
Warrant	NL0012831580	NYRST 1.63SPLOPENG	EUR	0,7200	0,7200	0,6800			0,6800					
Warrant	NL0012830913	NYRST 1.95SPLOPENG	EUR	0,4200	0,4200	0,3900			0,3900					
Warrant	NL0012831978	NYRST 2.13SPLOPENG	EUR											
Warrant	NL0012830889	NYRST 2.14SPLOPENG	EUR											
Warrant	NL0012830582	NYRST 2.35SPLOPENG	EUR											
Warrant	NL0012832372	NYRST 2.54SPSOPENG	EUR	0,7300	0,7500	0,7300			0,7500					
Warrant	NL0012830871	NYRST 2.56SPLOPENG	EUR											
Warrant	NL0012830574	NYRST 2.57SPLOPENG	EUR											
Warrant	NL0012826176	NYRST 2.83SPLOPENG	EUR											
Warrant	NL0012831598	NYRST 2.86SPSOPENG	EUR	1,0900	1,1100	1,0900			1,1100					
Warrant	NL0012830897	NYRST 3.22SPSOPENG	EUR	1,4800	1,5100	1,4800			1,5100					
Warrant	NL0011858360	NYRST 3.73SPLOPENG	EUR											
Warrant	NL0012826549	NYRST 4.06SPLOPENG	EUR											
Warrant	NL0011858352	NYRST 4.09SPLOPENG	EUR											
Warrant	NL0012830442	NYRST 4.39SPLOPENG	EUR											
Warrant	NL0012826531	NYRST 4.42SPLOPENG	EUR											
Warrant	NL0012826523	NYRST 4.82SPLOPENG	EUR											
Warrant	NL0012827976	NYRST 5.16SPSOPENG	EUR											
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	10,3900	10,4000	10,3900			10,4000					
Warrant	NL0011851100	OCI 9.8SPLOPENG	EUR	18,0100	18,0200	18,0100			18,0200					
Warrant	NL0011634373	OCI 10.7SPLOPENG	EUR	17,1200	17,1300	17,1200			17,1300					
Warrant	NL0012063275	OCI 15.1SPLOPENG	EUR	13,0200	13,0300	13,0200			13,0300					
Warrant	NL0011615760	OCI 19.3SPSOPENG	EUR											
Warrant	NL0012819437	OCI 19.6SPLOPENG	EUR	8,8800	8,8900	8,8800			8,8900					
Warrant	NL0012819429	OCI 21.4SPLOPENG	EUR	7,2400	7,2500	7,2400			7,2500					
Warrant	NL0012824502	OCI 23.3SPLOPENG	EUR	5,4500	5,4600	5,4500			5,4600					
Warrant	NL0012829527	OCI 25.4SPLOPENG	EUR	3,5000	3,5100	3,5000			3,5100					
Warrant	NL0011360920	OCI 26.4SPSOPENG	EUR											
Warrant	NL0012829519	OCI 27.6SPLOPENG	EUR											
Warrant	NL0011355862	OCI 29.6SPSOPENG	EUR											
Warrant	NL0011491667	OILCR 36SPLOPENG	EUR	30,5400	30,5400	30,5400			30,5400					
Warrant	NL0012078810	OILCR 44SPLOPENG	EUR	23,8800	23,8800	23,8800			23,8800					
Warrant	NL0012467740	OILCR 55SPLOPENG	EUR	12,6200	12,6200	12,6200			12,6200					
Warrant	NL0012827455	OILCR 68SPSOPENG	EUR											
Warrant	NL0012831481	OILCR 74SPLOPENG	EUR											
Warrant	NL0011492749	OILCR 30.1SPLOPENG	EUR	35,3900	35,3900	35,3900			35,3900					
Warrant	NL0011492335	OILCR 34.4SPLOPENG	EUR	31,8300	31,8300	31,8300			31,8300					
Warrant	NL0011491162	OILCR 36.7SPLOPENG	EUR	29,9500	29,9500	29,9500			29,9500					
Warrant	NL0011491063	OILCR 37.5SPLOPENG	EUR	29,3100	29,3100	29,3100			29,3100					
Warrant	NL0011492715	OILCR 38.3SPLOPENG	EUR	28,5800	28,5800	28,5800			28,5800					
Warrant	NL0011619630	OILCR 39.2SPLOPENG	EUR	27,8600	27,8600	27,8600			27,8600					
Warrant	NL0011620208	OILCR 40.1SPLOPENG	EUR	27,1100	27,1100	27,1100			27,1100					
Warrant	NL0012075469	OILCR 42.6SPLOPENG	EUR	24,9800	24,9800	24,9800			24,9800					
Warrant	NL0012080121	OILCR 45.4SPLOPENG	EUR	22,7000	22,7000	22,7000			22,7000					
Warrant	NL0012080634	OILCR 46.8SPLOPENG	EUR	21,5000	21,5000	21,5000			21,5000					
Warrant	NL0012080626	OILCR 47.1SPLOPENG	EUR	19,5000	19,5000	19,5000			19,5000					
Warrant	NL0012462873	OILCR 48.4SPLOPENG	EUR	20,2000	20,2000	20,2000			20,2000					
Warrant	NL0012464077	OILCR 49.9SPLOPENG	EUR	18,9800	18,9800	18,9800			18,9800					
Warrant	NL0012465363	OILCR 53.1SPLOPENG	EUR	16,3100	16,3100	16,3100			16,3100					
Warrant	NL0012468201	OILCR 56.5SPLOPENG	EUR	11,3100	11,3100	11,3100			11,3100					
Warrant	NL0012467955	OILCR 56.5SPLOPENG	EUR	13,4500	13,4500	13,4500			13,4500					
Warrant	NL0012474613	OILCR 58.2SPLOPENG	EUR	12,0400	12,0400	12,0400			12,0400					
Warrant	NL0012822076	OILCR 62.6SPLOPENG	EUR	6,0000	6,0000	6,0000			6,0000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012824825	OILCR 63.8SPLOPENG	EUR	7,4000	7,4000	7,4000			7,4000					
Warrant	NL0012822506	OILCR 64.8SPLOPENG	EUR											
Warrant	NL0012827877	OILCR 65.7SPLOPENG	EUR	5,8000	5,8000	5,8000			5,8000					
Warrant	NL0012825178	OILCR 66.4SPLOPENG	EUR											
Warrant	NL0012829642	OILCR 67.7SPLOPENG	EUR	4,1500	4,1500	4,1500			4,1500					
Warrant	NL0012828644	OILCR 67.9SPLOPENG	EUR											
Warrant	NL0012826077	OILCR 68.4SPLOPENG	EUR											
Warrant	NL0012832034	OILCR 69.8SPLOPENG	EUR											
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	12,8400	12,8400	12,8400			12,8400					
Warrant	NL0012823934	OILCR108.25SPSOPENG	EUR	34,1700	34,1700	34,1700			34,1700					
Warrant	NL0011618798	OILCR35.53SPLOPENG	EUR	29,4900	29,4900	29,4900			29,4900					
Warrant	NL0011492293	OILCR36.15SPLOPENG	EUR	28,9600	28,9600	28,9600			28,9600					
Warrant	NL0011491519	OILCR37.61SPLOPENG	EUR	27,7100	27,7100	27,7100			27,7100					
Warrant	NL0011491196	OILCR38.23SPLOPENG	EUR	27,1200	27,1200	27,1200			27,1200					
Warrant	NL0011490867	OILCR39.03SPLOPENG	EUR	26,4900	26,4900	26,4900			26,4900					
Warrant	NL0011619606	OILCR40.56SPLOPENG	EUR	25,1200	25,1200	25,1200			25,1200					
Warrant	NL0011622170	OILCR41.28SPLOPENG	EUR	24,5300	24,5300	24,5300			24,5300					
Warrant	NL0012074967	OILCR42.37SPLOPENG	EUR	23,6300	23,6300	23,6300			23,6300					
Warrant	NL0012075832	OILCR43.48SPLOPENG	EUR	22,7000	22,7000	22,7000			22,7000					
Warrant	NL0012079446	OILCR44.64SPLOPENG	EUR	21,6500	21,6500	21,6500			21,6500					
Warrant	NL0012080568	OILCR45.89SPLOPENG	EUR	20,5600	20,5600	20,5600			20,5600					
Warrant	NL0012463012	OILCR48.37SPLOPENG	EUR	18,4100	18,4100	18,4100			18,4100					
Warrant	NL0012463988	OILCR49.57SPLOPENG	EUR	17,3500	17,3500	17,3500			17,3500					
Warrant	NL0012464721	OILCR50.95SPLOPENG	EUR	16,1500	16,1500	16,1500			16,1500					
Warrant	NL0012464986	OILCR52.22SPLOPENG	EUR	15,0400	15,0400	15,0400			15,0400					
Warrant	NL0012466411	OILCR53.65SPLOPENG	EUR	13,8000	13,8000	13,8000			13,8000					
Warrant	NL0012474597	OILCR57.97SPLOPENG	EUR	10,0400	10,0400	10,0400			10,0400					
Warrant	NL0012480388	OILCR59.47SPLOPENG	EUR	8,7300	8,7300	8,7300			8,7300					
Warrant	NL0012821615	OILCR61.02SPLOPENG	EUR	7,3800	7,3800	7,3800			7,3800					
Warrant	NL0012827695	OILCR64.19SPLOPENG	EUR	4,1500	4,6200	4,1500	419,1500	1	4,6200	101				
Warrant	NL0012828081	OILCR65.81SPLOPENG	EUR	3,2100	3,2100	3,2100			3,2100					
Warrant	NL0012825012	OILCR66.41SPLOPENG	EUR											
Warrant	NL0012827489	OILCR66.69SPSOPENG	EUR											
Warrant	NL0012829600	OILCR67.46SPLOPENG	EUR	2,0400	2,1000	1,2400	1102,3600	6	1,7600	589				
Warrant	NL0012828669	OILCR67.55SPLOPENG	EUR											
Warrant	NL0012825913	OILCR68.03SPLOPENG	EUR											
Warrant	NL0012826945	OILCR68.39SPSOPENG	EUR											
Warrant	NL0012831010	OILCR69.17SPLOPENG	EUR	0,6900	0,6900	0,4000	298,0000	2	0,4000	600				
Warrant	NL0012825921	OILCR70.15SPSOPENG	EUR											
Warrant	NL0012831002	OILCR70.87SPLOPENG	EUR											
Warrant	NL0012824213	OILCR71.64SPSOPENG	EUR											
Warrant	NL0012831655	OILCR72.66SPLOPENG	EUR											
Warrant	NL0012823652	OILCR73.48SPSOPENG	EUR											
Warrant	NL0012832166	OILCR73.86SPSOPENG	EUR	3,8700	4,5000	3,8700	1674,0000	2	4,2700	400				
Warrant	NL0012831648	OILCR74.47SPLOPENG	EUR											
Warrant	NL0010957254	OILCR75.45SPSOPENG	EUR											
Warrant	NL0012831754	OILCR75.77SPSOPENG	EUR	5,8000	6,3000	5,8000	907,5000	2	5,9300	150				
Warrant	NL0012831762	OILCR77.72SPSOPENG	EUR	7,6300	7,6300	7,6300			7,6300					
Warrant	NL0012831663	OILCR79.72SPSOPENG	EUR	9,3700	9,3700	9,3700			9,3700					
Warrant	NL0012831416	OILCR81.77SPSOPENG	EUR	11,1600	11,1600	11,1600			11,1600					
Warrant	NL0012831424	OILCR83.87SPSOPENG	EUR	12,9900	12,9900	12,9900			12,9900					
Warrant	NL0011307871	PALLA 351SPLOPENG	EUR	64,7800	64,7800	64,7800			64,7800					
Warrant	NL0009366848	PALLA 388SPLOPENG	EUR	61,6100	61,6100	61,6100			61,6100					
Warrant	NL0011363353	PALLA 450SPLOPENG	EUR	56,5500	56,5500	56,5500			56,5500					
Warrant	NL0011363346	PALLA 472SPLOPENG	EUR	54,6600	54,6600	54,6600			54,6600					
Warrant	NL0011492376	PALLA 496SPLOPENG	EUR	52,7200	52,7200	52,7200			52,7200					
Warrant	NL0011627476	PALLA 546SPLOPENG	EUR	48,5000	48,5000	48,5000			48,5000					
Warrant	NL0011845441	PALLA 602SPLOPENG	EUR	43,8500	43,8500	43,8500			43,8500					
Warrant	NL0011848403	PALLA 632SPLOPENG	EUR	41,3500	41,3500	41,3500			41,3500					
Warrant	NL0011859137	PALLA 664SPLOPENG	EUR	38,7300	38,7300	38,7300			38,7300					
Warrant	NL0012064950	PALLA 732SPLOPENG	EUR	33,0700	33,0700	33,0700			33,0700					
Warrant	NL0012065262	PALLA 768SPLOPENG	EUR	30,0300	30,0300	30,0300			30,0300					
Warrant	NL0012073373	PALLA 807SPLOPENG	EUR	26,8400	26,8400	26,8400			26,8400					
Warrant	NL0012073803	PALLA 841SPLOPENG	EUR											
Warrant	NL0012827893	PALLA 890SPLOPENG	EUR	19,9700	19,9700	19,9700			19,9700					
Warrant	NL0012829683	PALLA 934SPLOPENG	EUR	16,2700	16,2700	16,2700			16,2700					
Warrant	NL0012467989	PALLA 1198SPSOPENG	EUR	16,2900	16,2900	16,2900			16,2900					
Warrant	NL0011846894	PEUGO 8.2SPLOPENG	EUR	13,2800	13,3600	13,2800								



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011851027	PEUGO 10.9SPLOPENG	EUR	10,8300	10,9100	10,8300			10,9100					
Warrant	NL0012064687	PEUGO 14.45PLOPENG	EUR	7,6400	7,7200	7,6400			7,7200					
Warrant	NL0012478036	PEUGO 17.25PLOPENG	EUR	5,0900	5,1700	5,0900			5,1700					
Warrant	NL0012479562	PEUGO 18.85PLOPENG	EUR	3,6300	3,7100	3,6300			3,7100					
Warrant	NL0012825475	PEUGO 22.35PLOPENG	EUR											
Warrant	NL0012833057	PHARM 0.915PLOPENG	EUR	0,2400	0,2400	0,1800			0,1800					
Warrant	NL0012830590	PHARM 0.915PLOPENG	EUR											
Warrant	NL0012830202	PHARM0.5025PLOPENG	EUR	0,5900	0,5900	0,5400			0,5400					
Warrant	NL0012830194	PHARM0.5655PLOPENG	EUR	0,5400	0,5400	0,4800			0,4800					
Warrant	NL0012830186	PHARM0.6155PLOPENG	EUR	0,4900	0,4900	0,4400			0,4400					
Warrant	NL0012830178	PHARM0.6835PLOPENG	EUR	0,4300	0,4300	0,3700	1140,0000	1	0,3700	3000				
Warrant	NL0012830434	PHARM0.7525PLOPENG	EUR	0,3700	0,3700	0,3200			0,3200					
Warrant	NL0012832398	PHARM0.8275PLOPENG	EUR	0,3100	0,3100	0,2600			0,2600					
Warrant	NL0012830459	PHARM0.8285PLOPENG	EUR											
Warrant	NL0012829998	PHARM0.8415PLOPENG	EUR											
Warrant	NL0012831341	PHARM0.9115PLOPENG	EUR											
Warrant	NL0012826861	PHARM0.9345PLOPENG	EUR											
Warrant	NL0012829980	PHARM1.0285PLOPENG	EUR											
Warrant	NL0012826853	PHARM1.0385PLOPENG	EUR											
Warrant	NL0012826846	PHARM1.1535PLOPENG	EUR											
Warrant	NL0012828768	PHARM1.2615PLOPENG	EUR											
Warrant	NL0012481337	PHILP 325PLOPENG	EUR	6,3500	6,3500	5,9200			5,9200					
Warrant	NL0006427809	PHILP 2.15PLOPENG	EUR	34,1200	34,1200	33,6900			33,6900					
Warrant	NL0009881606	PHILP 8.55PLOPENG	EUR	28,2500	28,2500	27,8200			27,8200					
Warrant	NL0010098959	PHILP 9.65PLOPENG	EUR	27,2100	27,2100	26,7800			26,7800					
Warrant	NL0010103800	PHILP 10.75PLOPENG	EUR	26,1300	26,1300	25,7000			25,7000					
Warrant	NL0010087706	PHILP 12.45PLOPENG	EUR	24,5900	24,5900	24,1600			24,1600					
Warrant	NL0010203261	PHILP 14.85PLOPENG	EUR	22,3800	22,3800	21,9500			21,9500					
Warrant	NL0010212478	PHILP 15.85PLOPENG	EUR	21,4400	21,4400	21,0100			21,0100					
Warrant	NL0010360913	PHILP 16.85PLOPENG	EUR	20,4500	20,4500	20,0200			20,0200					
Warrant	NL0010362828	PHILP 17.95PLOPENG	EUR	19,4500	19,4500	19,0200			19,0200					
Warrant	NL0011621743	PHILP 19.35PLOPENG	EUR	18,1300	18,1300	17,7000			17,7000					
Warrant	NL0011620844	PHILP 19.45PLOPENG	EUR	16,8300	16,8300	16,4000			16,4000					
Warrant	NL0011849120	PHILP 20.85PLOPENG	EUR	16,7600	16,7600	16,3300			16,3300					
Warrant	NL0011851894	PHILP 22.45PLOPENG	EUR	15,2800	15,2800	14,8500			14,8500					
Warrant	NL0011860457	PHILP 24.15PLOPENG	EUR	13,7100	13,7100	13,2800			13,2800					
Warrant	NL0012068266	PHILP 25.95PLOPENG	EUR	12,0300	12,0300	11,6000			11,6000					
Warrant	NL0012069652	PHILP 27.85PLOPENG	EUR	10,2300	10,2300	9,8000			9,8000					
Warrant	NL0012474522	PHILP 29.55PLOPENG	EUR	6,7300	6,7300	6,3000			6,3000					
Warrant	NL0012479232	PHILP 29.85PLOPENG	EUR	8,3600	8,3600	7,9300			7,9300					
Warrant	NL0012819940	PHILP 34.25PLOPENG	EUR	4,2600	4,2600	3,8300			3,8300					
Warrant	NL0012832315	PHILP 35.65PSPENG	EUR											
Warrant	NL0012825962	PHILP 36.65PLOPENG	EUR											
Warrant	NL0012827224	PHILP 37.85PSPENG	EUR											
Warrant	NL0012825970	PHILP 38.65PSPENG	EUR											
Warrant	NL0012827935	PHILP 38.75PSPENG	EUR											
Warrant	NL0012829378	PHILP 39.95PSPENG	EUR											
Warrant	NL0010939344	PHILP15.215PLOPENG	EUR	21,0200	21,0200	20,5900			20,5900					
Warrant	NL0010739876	PHILP16.185PLOPENG	EUR	20,0600	20,0600	19,6300			19,6300					
Warrant	NL0010686309	PHILP17.235PLOPENG	EUR	18,9700	18,9700	18,5400			18,5400					
Warrant	NL0010593497	PHILP18.365PLOPENG	EUR	17,8600	17,8600	17,4300			17,4300					
Warrant	NL0011846175	PHILP20.475PLOPENG	EUR	15,7600	15,7600	15,3300			15,3300					
Warrant	NL0011849500	PHILP21.595PLOPENG	EUR	14,6400	14,6400	14,2100			14,2100					
Warrant	NL0011851704	PHILP22.765PLOPENG	EUR	13,4700	13,4700	13,0400			13,0400					
Warrant	NL0011852926	PHILP23.985PLOPENG	EUR	12,2500	12,2500	11,8200			11,8200					
Warrant	NL0011858113	PHILP25.275PLOPENG	EUR	10,9600	10,9600	10,5300			10,5300					
Warrant	NL0012066914	PHILP26.635PLOPENG	EUR	9,6000	9,6000	9,1700			9,1700					
Warrant	NL0012069561	PHILP28.05PLOPENG	EUR	8,1800	8,1800	7,7500			7,7500					
Warrant	NL0012479927	PHILP31.025PLOPENG	EUR	5,2100	5,2100	4,7800			4,7800					
Warrant	NL0012064729	PHILP32.285PSPENG	EUR											
Warrant	NL0012480669	PHILP32.615PLOPENG	EUR	3,6200	3,6200	3,1900			3,1900					
Warrant	NL0012818637	PHILP34.255PLOPENG	EUR	1,9800	1,9800	1,5500			1,5500					
Warrant	NL0012825772	PHILP35.965PLOPENG	EUR											
Warrant	NL0012828404	PHILP37.715PLOPENG	EUR											
Warrant	NL0012829790	PHILP37.755PLOPENG	EUR											
Warrant	NL0012831846	PHILP38.925PSPENG	EUR	3,0700	3,4800	3,0700			3,4800					
Warrant	NL0012463491	PHILP39.225PSPENG	EUR											
Warrant	NL0012825368	PHILP41.865PSPENG	EUR	6,0200	6,4300	6,0200			6,4300					
Warrant	NL0012827885	PLATI 6335PLOPENG	EUR	2,0100	2,0100	2,0100			2,0100					
Warrant	NL0012825186	PLATI 6675PLOPENG	EUR	1,7400	1,7400	1,7400			1,7400					
Warrant	NL0012823207	PLATI 7025PLOPENG	EUR	1,4500	1,4500	1,4400	1450,0000	1	1,4400	1000				
Warrant	NL0011483136	PLATI 7395PLOPENG	EUR	1,1300	1,1300	1,1300			1,1300					



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	NL0011481726	PLATI 772SPLOPENG	EUR											
Warrant	NL0012829675	PLATI 776SPLOPENG	EUR	0,8300	0,8300	0,8300			0,8300					
Warrant	NL0012832679	PLATI 816SPLOPENG	EUR	0,5100	0,5100	0,5100			0,5100					
Warrant	NL0012827331	PLATI 820SPSOPENG	EUR											
Warrant	NL0012825194	PLATI 896SPSOPENG	EUR	1,0300	1,0300	1,0300			1,0300					
Warrant	NL0012062889	PLATI 902SPLOPENG	EUR											
Warrant	NL0012479083	PLATI 963SPSOPENG	EUR	1,6500	1,6500	1,6500			1,6500					
Warrant	NL0012478085	PLATI 1006SPSOPENG	EUR	1,7000	1,7000	1,7000			1,7000					
Warrant	NL0011856448	PLATI 1036SPSOPENG	EUR	2,3100	2,3100	2,3100			2,3100					
Warrant	NL0012079529	PLATI 1048SPSOPENG	EUR	2,0700	2,0700	2,0700			2,0700					
Warrant	NL0011856422	PLATI 1084SPSOPENG	EUR	2,7500	2,7500	2,7500			2,7500					
Warrant	NL0011852900	PLATI 1166SPSOPENG	EUR	3,5000	3,5000	3,5000			3,5000					
Warrant	NL0010356432	PLATI 1558SPSOPENG	EUR	7,0900	7,0900	7,0900			7,0900					
Warrant	NL0012827323	PLATI722.2SPLOPENG	EUR	1,1100	1,1100	1,1100			1,1100					
Warrant	NL0012825087	PLATI752.3SPLOPENG	EUR	0,8500	0,8500	0,8500			0,8500					
Warrant	NL0012822944	PLATI778.1SPLOPENG	EUR											
Warrant	NL0012831028	PLATI782.4SPLOPENG	EUR	0,5900	0,5900	0,5900			0,5900					
Warrant	NL0012824676	PLATI889.8SPSOPENG	EUR	0,6900	0,6900	0,6900			0,6900					
Warrant	NL0012070304	PLATI901.3SPLOPENG	EUR											
Warrant	NL0012819767	PLATI926.9SPSOPENG	EUR	1,0100	1,0100	1,0100			1,0100					
Warrant	NL0012478416	PLATI965.5SPSOPENG	EUR	1,3500	1,3500	1,3500			1,3500					
Warrant	NL0009105386	POST 1SPLOPENG	EUR	1,6900	1,6900	1,6700			1,6700					
Warrant	DE000CV896E5	POST 3C 1218Z	EUR	0,0670	0,0670	0,0670			0,0670					
Warrant	NL0012829402	POST 3SPLOPENG	EUR											
Warrant	NL0012832323	POST 3SPSOPENG	EUR	0,7300	0,7500	0,7300			0,7500					
Warrant	NL0010354429	POST 0.9SPLOPENG	EUR	1,8100	1,8100	1,7900			1,7900					
Warrant	NL0010356143	POST 1.2SPLOPENG	EUR	1,5500	1,5500	1,5300			1,5300					
Warrant	NL0010449500	POST 1.5SPLOPENG	EUR	1,2700	1,2700	1,2500			1,2500					
Warrant	NL0010461067	POST 1.7SPLOPENG	EUR	1,1000	1,1000	1,0800			1,0800					
Warrant	NL0010465829	POST 1.9SPLOPENG	EUR	0,9500	0,9500	0,9300			0,9300					
Warrant	NL0010525655	POST 2.1SPLOPENG	EUR	0,7600	0,7600	0,7400			0,7400					
Warrant	NL0010531067	POST 2.3SPLOPENG	EUR	0,5500	0,5500	0,5300			0,5300					
Warrant	NL0011478904	POST 2.4SPLOPENG	EUR	0,3700	0,3700	0,3500			0,3500					
Warrant	NL0011618855	POST 2.6SPLOPENG	EUR											
Warrant	DE000CV896D7	POST 2.7C 1218Z	EUR	0,1350	0,1350	0,1350			0,1350					
Warrant	NL0012821037	POST 2.8SPLOPENG	EUR											
Warrant	NL0012823009	POST 3.1SPLOPENG	EUR											
Warrant	NL0012826002	POST 3.3SPLOPENG	EUR											
Warrant	NL0012476261	POST 3.5SPSOPENG	EUR	1,3200	1,3300	1,3200			1,3300					
Warrant	NL0012074991	POST 4.2SPSOPENG	EUR	2,0500	2,0600	2,0500			2,0600					
Warrant	NL0012832000	POST 2.101SPLOPENG	EUR	0,5100	0,5100	0,4900			0,4900					
Warrant	NL0011618038	POST 2.385SPLOPENG	EUR	0,2300	0,2300	0,2100	402,5000	1	0,2100	1750				
Warrant	NL0012831994	POST 2.481SPLOPENG	EUR	0,1400	0,1400	0,1100			0,1100					
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 3.605SPSOPENG	EUR	1,0900	1,1100	1,0900			1,1100					
Warrant	NL0011862719	POST 4.284SPSOPENG	EUR	1,7700	1,7800	1,7700			1,7800					
Warrant	NL0011859228	POST 5.112SPSOPENG	EUR	2,6000	2,6100	2,6000			2,6100					
Warrant	NL0010591111	PROX 15SPLOPENG	EUR	9,2900	9,2900	8,7500			8,7500					
Warrant	NL0010688164	PROX 17SPLOPENG	EUR	7,4600	7,4600	6,9200			6,9200					
Warrant	NL0010743233	PROX 19SPLOPENG	EUR	5,5600	5,5600	5,0200			5,0200					
Warrant	DE000CV89689	PROX 20C 1218Z	EUR	0,4750	0,4750	0,4750			0,4750					
Warrant	DE000CV896A3	PROX 25C 1218Z	EUR	0,0210	0,0210	0,0210			0,0210					
Warrant	NL0009110550	PROX 9.9SPLOPENG	EUR	14,0300	14,0300	13,4900			13,4900					
Warrant	NL0010540431	PROX 13.25SPLOPENG	EUR	10,9900	10,9900	10,4500			10,4500					
Warrant	NL0012832356	PROX 20.75SPLOPENG	EUR	3,9700	3,9700	3,4300			3,4300					
Warrant	DE000CV89697	PROX 22.5C 1218Z	EUR	0,1350	0,1350	0,1350			0,1350					
Warrant	NL0011022363	PROX 34.1SPSOPENG	EUR	13,8500	14,3400	13,8500			14,3400					
Warrant	NL0010957833	PSI20 3780SPLOPENG	EUR	14,9100	14,9700	14,9100			14,9700					
Warrant	NL0010830097	RANDS 24SPLOPENG	EUR	22,3400	22,7000	22,3400			22,7000					
Warrant	NL0011858337	RANDS 39SPLOPENG	EUR	8,7200	9,0800	8,7200			9,0800					
Warrant	DE000CJ3N9K3	RANDS 45C 0319Z	EUR	0,5650	0,5650	0,5650			0,5650					
Warrant	NL0011304498	RANDS 64SPSOPENG	EUR	27,1300	27,1300	26,7500			26,7500					
Warrant	NL0009107044	RANDS 7.2SPLOPENG	EUR	37,5400	37,9000	37,5400			37,9000					
Warrant	NL0009111384	RANDS 9.55SPLOPENG	EUR	35,5700	35,9300	35,5700			35,9300					
Warrant	NL0009904036	RANDS 11.75SPLOPENG	EUR	33,5200	33,8800	33,5200			33,8800					
Warrant	NL0010102430	RANDS 12.95SPLOPENG	EUR	32,4900	32,8500	32,4900			32,8500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0010216800	RANDS 15.9SPLOPENG	EUR	29,7600	30,1200	29,7600			30,1200					
Warrant	NL0010218764	RANDS 17.8SPLOPENG	EUR	28,0100	28,3700	28,0100			28,3700					
Warrant	NL0010343992	RANDS 19.8SPLOPENG	EUR	26,1500	26,5100	26,1500			26,5100					
Warrant	NL0010361200	RANDS 21.9SPLOPENG	EUR	24,2700	24,6300	24,2700			24,6300					
Warrant	NL0010939732	RANDS 26.3SPLOPENG	EUR	20,2400	20,6000	20,2400			20,6000					
Warrant	NL0011847595	RANDS 29.9SPLOPENG	EUR	14,4400	15,1000	14,4400	226,5000	1	14,8000	15				
Warrant	NL0011847462	RANDS 30.9SPLOPENG	EUR	16,1100	16,4700	16,1100			16,4700					
Warrant	NL0011850946	RANDS 33.4SPLOPENG	EUR	13,8100	14,1700	13,8100			14,1700					
Warrant	NL0011851712	RANDS 35.1SPLOPENG	EUR	9,2400	9,8700	9,2400	98,7000	1	9,6000	10				
Warrant	NL0011857370	RANDS 36.1SPLOPENG	EUR	11,3500	11,7100	11,3500			11,7100					
Warrant	NL0011856570	RANDS 37.1SPLOPENG	EUR	7,2400	7,6000	7,2400			7,6000					
Warrant	NL0011859384	RANDS 42.1SPLOPENG	EUR	5,9100	6,2700	5,9100			6,2700					
Warrant	NL0012063184	RANDS 45.4SPLOPENG	EUR											
Warrant	NL0012824072	RANDS 49.3SPLOPENG	EUR											
Warrant	DE000CV8AMY8	RANDS 55.2C 0319Z	EUR	0,0770	0,0770	0,0770			0,0770					
Warrant	NL0011195342	RANDS 58.3SPSOPENG	EUR	20,7600	20,7600	20,3800			20,3800					
Warrant	NL0010826194	RANDS21.89SPLOPENG	EUR	22,4500	22,8100	22,4500			22,8100					
Warrant	NL0010812327	RANDS23.44SPLOPENG	EUR	20,8900	21,2500	20,8900			21,2500					
Warrant	NL0010943122	RANDS26.66SPLOPENG	EUR	17,6800	18,0400	17,6800			18,0400					
Warrant	NL0011847306	RANDS28.25SPLOPENG	EUR	16,0900	16,4500	16,0900			16,4500					
Warrant	NL0011847587	RANDS31.63SPLOPENG	EUR	12,7000	13,0600	12,7000			13,0600					
Warrant	NL0011848767	RANDS33.19SPLOPENG	EUR	11,1400	11,5000	11,1400			11,5000					
Warrant	NL0011857594	RANDS39.21SPLOPENG	EUR	5,1200	5,4800	5,1200			5,4800					
Warrant	NL0011859210	RANDS41.41SPLOPENG	EUR	2,9200	3,3300	2,9200	2470,0000	2	3,2800	750				
Warrant	NL0011859707	RANDS43.71SPLOPENG	EUR											
Warrant	DE000CV896G0	RANDS44.35C 1218Z	EUR	0,4450	0,4450	0,4450			0,4450					
Warrant	NL0011862693	RANDS46.11SPLOPENG	EUR											
Warrant	NL0012831853	RANDS47.51SPSOPENG	EUR	3,7100	3,7100	3,2000	320,0000	1	3,3300	100				
Warrant	NL0012823298	RANDS49.14SPLOPENG	EUR											
Warrant	DE000CV896H8	RANDS49.28C 1218Z	EUR	0,1150	0,1150	0,1150			0,1150					
Warrant	NL0012825376	RANDS51.58SPLOPENG	EUR											
Warrant	DE000CV896J4	RANDS54.21C 1218Z	EUR	0,0270	0,0270	0,0270			0,0270					
Warrant	NL0012481188	RANDS54.95SPSOPENG	EUR	11,1400	11,1400	10,7600			10,7600					
Warrant	DE000CV8AMX0	RANDS58.15C 1218Z	EUR	0,0120	0,0120	0,0120			0,0120					
Warrant	DE000CV8ANK5	RANDS59.14C 0319Z	EUR	0,0360	0,0360	0,0360			0,0360					
Warrant	NL0011301940	RANDS59.14SPSOPENG	EUR	15,3400	15,3400	14,9600			14,9600					
Warrant	NL0006423501	RELX 1.2SPLOPENG	EUR	24,9300	24,9300	24,7900			24,7900					
Warrant	NL0010087599	RELX 3.7SPLOPENG	EUR	21,4600	21,4600	21,3200			21,3200					
Warrant	NL0010214706	RELX 4.8SPLOPENG	EUR	19,9200	19,9200	19,7800			19,7800					
Warrant	NL0010744066	RELX 8.3SPLOPENG	EUR	15,0000	15,0000	14,8600			14,8600					
Warrant	NL0010746236	RELX 9.1SPLOPENG	EUR	13,9600	13,9600	13,8300			13,8300					
Warrant	NL0010940789	RELX 9.8SPLOPENG	EUR	12,8900	12,8900	12,7500			12,7500					
Warrant	NL0010944583	RELX 10.6SPLOPENG	EUR	11,7600	11,7600	11,6200			11,6200					
Warrant	NL0010967832	RELX 11.5SPLOPENG	EUR	10,5300	10,5300	10,3900			10,3900					
Warrant	NL0011372610	RELX 12.7SPLOPENG	EUR	5,8000	5,8000	5,7100			5,7100					
Warrant	NL0012064620	RELX 13.9SPLOPENG	EUR	4,6700	4,6700	4,5800			4,5800					
Warrant	NL0012068068	RELX 15.3SPLOPENG	EUR	3,4500	3,4500	3,3600			3,3600					
Warrant	NL0012481394	RELX 16.7SPLOPENG	EUR	2,1900	2,1900	2,1000			2,1000					
Warrant	NL0012824098	RELX 18.2SPLOPENG	EUR											
Warrant	NL0012465132	RELX 21.6SPSOPENG	EUR	6,8000	6,8800	6,8000			6,8800					
Warrant	NL0011370028	RWE 9SPLOPENG	EUR	9,4100	9,4100	9,3900			9,3900					
Warrant	NL0011374004	RWE 8.3SPLOPENG	EUR	10,0200	10,0200	10,0000			10,0000					
Warrant	NL0011374491	RWE 9.6SPLOPENG	EUR	8,8000	8,8000	8,7800			8,7800					
Warrant	NL0010587838	RYA 3.8SPLOPENG	EUR	8,1700	8,1900	8,1700			8,1900					
Warrant	NL0010598454	RYA 4.9SPLOPENG	EUR	7,1400	7,1600	7,1400			7,1600					
Warrant	NL0010537254	SANOF 51.9SPLOPENG	EUR	29,7100	29,7100	29,7100			29,7100					
Warrant	NL0010537072	SANOF 56.8SPLOPENG	EUR	25,1100	25,1100	25,1100			25,1100					
Warrant	NL0012819411	SANOF 61.9SPLOPENG	EUR	20,3400	20,3400	20,3400			20,3400					
Warrant	NL0012829915	SANOF 67.5SPLOPENG	EUR	15,1500	15,1500	15,1500			15,1500					
Warrant	NL0011206891	SANOF 90.1SPSOPENG	EUR	19,5400	19,5400	19,5400			19,5400					
Warrant	NL0011194683	SANOF101.1SPSOPENG	EUR	31,4800	31,4800	31,4800			31,4800					
Warrant	NL0006423840	SBMOF 6SPLOPENG	EUR	10,0900	10,0900	10,0800			10,0800					
Warrant	DE000CV896N6	SBMOF 12C 1218Z	EUR	3,5750	3,5750	3,5750			3,5750					
Warrant	NL0012825996	SBMOF 12SPLOPENG	EUR	4,7000	4,7000	4,7000			4,7000					
Warrant	NL0010215521	SBMOF 5.6SPLOPENG	EUR	10,5300	10,5300	10,5300			10,5300					
Warrant	NL0006423246	SBMOF 7.3SPLOPENG	EUR	8,9500	8,9500	8,9500			8,9500					
Warrant	NL0010216032	SBMOF 7.9SPLOPENG	EUR	8,4100	8,4100	8,4000			8,4000					
Warrant	NL0011010178	SBMOF 8.5SPLOPENG	EUR	7,8800	7,8800	7,8800			7,8800					
Warrant	NL0011372594	SBMOF 9.1SPLOPENG	EUR	7,2900	7,2900	7,2900			7,2900					
Warrant	NL0012824478	SBMOF 9.8SPLOPENG	EUR	6,7000	6,7000	6,7000			6,7000					
Warrant	NL0012824965	SBMOF 10.5SPLOPENG	EUR	6,0800	6,0800	6,0800			6,0800					
Warrant	NL0012825459	SBMOF 11.2SPLOPENG	EUR	5,4100	5,4100	5,4100			5,4100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012825988	SBMOF 12.8SPLOPENG	EUR	3,9400	3,9400	3,9300			3,9300					
Warrant	DE000CV896P1	SBMOF 13.5C 1218Z	EUR	2,2550	2,2550	2,2550			2,2550					
Warrant	NL0012828735	SBMOF 13.75SPLOPENG	EUR	3,1200	3,1200	3,1100			3,1100					
Warrant	NL0012821441	SBMOF 14.25SPLOPENG	EUR											
Warrant	NL0012829394	SBMOF 14.75SPLOPENG	EUR	2,2400	2,2400	2,2300			2,2300					
Warrant	NL0012831549	SBMOF 15.5SPLOPENG	EUR											
Warrant	NL0012474712	SBMOF 15.65SPLOPENG	EUR											
Warrant	NL0012831952	SBMOF 15.75SPLOPENG	EUR											
Warrant	NL0009613611	SBMOF 17.15SPLOPENG	EUR											
Warrant	NL0012831960	SBMOF 18.75SPLOPENG	EUR	5,3500	5,3500	5,3200			5,3200					
Warrant	NL0010967642	SBMOF 6.845PLOPENG	EUR	8,7600	8,7600	8,7600			8,7600					
Warrant	NL0010967634	SBMOF 7.23SPLOPENG	EUR	8,3800	8,3800	8,3700			8,3700					
Warrant	NL0010958641	SBMOF 7.625SPLOPENG	EUR	7,9800	7,9800	7,9800			7,9800					
Warrant	NL0010968871	SBMOF 8.06SPLOPENG	EUR	7,5600	7,6000	7,5500	1520,0000	1	7,5500	200				
Warrant	NL0010969234	SBMOF 8.49SPLOPENG	EUR	7,1200	7,1200	7,1100			7,1100					
Warrant	NL0011364781	SBMOF 8.98SPLOPENG	EUR	6,6900	6,6900	6,6800			6,6800					
Warrant	NL0011372339	SBMOF 9.445PLOPENG	EUR	6,1800	6,1800	6,1800			6,1800					
Warrant	NL0012824767	SBMOF 9.925PLOPENG	EUR	5,7300	5,7300	5,7200			5,7200					
Warrant	NL0012825020	SBMOF10.445PLOPENG	EUR	5,2100	5,2100	5,2000			5,2000					
Warrant	NL0012825103	SBMOF10.975PLOPENG	EUR	4,6800	4,6800	4,6700			4,6700					
Warrant	NL0012825806	SBMOF11.535PLOPENG	EUR	4,1200	4,1200	4,1100			4,1100					
Warrant	NL0012825798	SBMOF12.115PLOPENG	EUR	3,5400	3,5400	3,5300			3,5300					
Warrant	NL0012825780	SBMOF12.725PLOPENG	EUR	2,9200	2,9200	2,9200			2,9200					
Warrant	NL0012827729	SBMOF13.375PLOPENG	EUR	2,2800	2,2800	2,2700			2,2700					
Warrant	NL0012823306	SBMOF13.695PLOPENG	EUR											
Warrant	NL0012828693	SBMOF14.045PLOPENG	EUR	1,6000	1,6000	1,6000			1,6000					
Warrant	NL0012473052	SBMOF14.715PLOPENG	EUR											
Warrant	NL0012828685	SBMOF14.735PLOPENG	EUR											
Warrant	NL0012829808	SBMOF14.765PLOPENG	EUR	0,8900	0,8900	0,8800			0,8800					
Warrant	NL0012063036	SBMOF15.825PLOPENG	EUR											
Warrant	NL0012831861	SBMOF16.285PLOPENG	EUR											
Warrant	NL0012832083	SBMOF16.795PLOPENG	EUR	1,4400	1,4400	1,4100			1,4100					
Warrant	NL0012461925	SBMOF16.895PLOPENG	EUR											
Warrant	NL0012831556	SBMOF18.075PLOPENG	EUR	2,7200	2,7200	2,6900			2,6900					
Warrant	NL0012294375	SDJES 70C 0927G	EUR	8,4000	8,4000	8,1900			8,1900					
Warrant	NL0012818447	SDJES 69.7C 1028G	EUR	9,5500	9,6200	9,3100	80029,7000	18	9,3100	8380				
Warrant	NL0012703094	SDJES 70.4C 0328G	EUR	8,1300	8,1300	7,9300			7,9300					
Warrant	NL0012703078	SDJES 71.1C 0228G	EUR	7,8300	7,8300	7,6400			7,6400					
Warrant	NL0012235832	SDJES 71.6C 0427G	EUR	7,4600	7,4600	7,2900			7,2900					
Warrant	NL0012375257	SDJES 73.8C 1027G	EUR	7,3300	7,3300	7,1400			7,1400					
Warrant	NL0012703045	SDJES 75.1C 0128G	EUR	6,8900	6,8900	6,7100			6,7100					
Warrant	NL0012156152	SDJES64.56C 0227G	EUR	10,5300	10,5300	10,3000			10,3000					
Warrant	NL0012156137	SDJES65.61C 0127G	EUR	9,8900	9,8900	9,6700			9,6700					
Warrant	NL0012156178	SDJES66.01C 0327G	EUR	9,8800	9,8800	9,6700			9,6700					
Warrant	NL0012156160	SDJES66.06C 0227G	EUR	9,7400	9,7400	9,5300			9,5300					
Warrant	NL0012703110	SDJES67.32C 0328G	EUR	9,7600	9,7800	9,5300	1564,8000	1	9,5300	160				
Warrant	NL0012156186	SDJES67.56C 0327G	EUR	9,1200	9,1200	8,9200			8,9200					
Warrant	NL0012156194	SDJES68.14C 0327G	EUR	8,7700	8,7700	8,5700			8,5700					
Warrant	NL0012235824	SDJES68.14C 0427G	EUR	8,7600	8,7600	8,5600			8,5600					
Warrant	NL0012235790	SDJES68.63C 0327G	EUR	8,6400	8,6400	8,4500			8,4500					
Warrant	NL0012235808	SDJES68.63C 0327G	EUR	8,7000	8,7000	8,5000			8,5000					
Warrant	NL0012703086	SDJES68.91C 0328G	EUR	8,5600	8,5600	8,3500			8,3500					
Warrant	NL0012235816	SDJES69.59C 0427G	EUR	8,1600	8,1600	7,9800			7,9800					
Warrant	NL0012703102	SDJES69.69C 0328G	EUR	8,4900	8,4900	8,2800			8,2800					
Warrant	NL0012703060	SDJES69.87C 0228G	EUR	7,9100	7,9100	7,7200			7,7200					
Warrant	NL0012818421	SDJES69.95C 0928G	EUR	9,7800	9,7800	9,5400			9,5400					
Warrant	NL0012703128	SDJES70.35C 0428G	EUR	8,7000	8,7000	8,4900			8,4900					
Warrant	NL0012818454	SDJES70.55C 1028G	EUR											
Warrant	NL0012703136	SDJES70.85C 0428G	EUR	8,6000	8,6000	8,4000			8,4000					
Warrant	NL0012818397	SDJES70.87C 0728G	EUR	9,0500	9,0500	8,8300			8,8300					
Warrant	NL0012818389	SDJES70.88C 0628G	EUR	9,0100	9,0100	8,7900			8,7900					
Warrant	NL0012294359	SDJES71.03C 0727G	EUR	7,8900	7,8900	7,7000			7,7000					
Warrant	NL0012703052	SDJES71.32C 0228G	EUR	7,5600	7,5600	7,3800			7,3800					
Warrant	NL0012294383	SDJES71.34C 0927G	EUR	8,0400	8,0400	7,8400			7,8400					
Warrant	NL0012818413	SDJES71.49C 0928G	EUR	9,1800	9,2600	8,9600	11037,9200	1	8,9600	1192				
Warrant	NL0012294367	SDJES71.67C 0727G	EUR	7,5800	7,5800	7,3900			7,3900					
Warrant	NL0012818439	SDJES71.81C 0928G	EUR	8,9200	8,9400	8,7100	2091,9600	1	8,7100	234				
Warrant	NL0012294276	SDJES71.88C 0527G	EUR	7,3500	7,3500	7,1800			7,1800					
Warrant	NL0012294334	SDJES72.18C 0627G	EUR	7,5100	7,5100	7,3300			7,3300					
Warrant	NL0012294391	SDJES72.29C 0927G	EUR	7,7100	7,7100	7,5200			7,5200					
Warrant	NL0012294326	SDJES72.33C 0627G	EUR	7,4200	7,4200	7,2500			7,2500					
Warrant	NL0012818306	SDJES72.39C 0428G	EUR	8,0400	8,0400	7,8400			7,8400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012294300	SDJE572.53C 0527G	EUR	7,2100	7,2100	7,0400			7,0400					
Warrant	NL0012294342	SDJE572.53C 0627G	EUR	7,4600	7,4600	7,2800			7,2800					
Warrant	NL0012818405	SDJE572.54C 0728G	EUR	8,5100	8,5100	8,3000			8,3000					
Warrant	NL0012294318	SDJE572.63C 0527G	EUR	7,2500	7,2500	7,0800			7,0800					
Warrant	NL0012818363	SDJE572.81C 0628G	EUR	8,1500	8,1500	7,9500			7,9500					
Warrant	NL0012375273	SDJE572.81C 1127G	EUR	7,5400	7,5400	7,3400			7,3400					
Warrant	NL0012818355	SDJE572.84C 0528G	EUR	8,2400	8,2400	8,0300			8,0300					
Warrant	NL0012375281	SDJE573.14C 1227G	EUR	7,4900	7,4900	7,3000			7,3000					
Warrant	NL0012818371	SDJE573.17C 0628G	EUR	8,0500	8,0500	7,8400			7,8400					
Warrant	NL0012294284	SDJE573.41C 0527G	EUR	6,8400	6,8400	6,6800			6,6800					
Warrant	NL0012818314	SDJE573.52C 0428G	EUR	7,8000	7,8000	7,6000			7,6000					
Warrant	NL0012294292	SDJE573.64C 0527G	EUR	6,8100	6,8100	6,6600			6,6600					
Warrant	NL0012375240	SDJE573.76C 1027G	EUR	7,2600	7,2600	7,0700			7,0700					
Warrant	NL0012703037	SDJE573.99C 0128G	EUR	7,0800	7,0800	6,9200			6,9200					
Warrant	NL0012818322	SDJE574.01C 0528G	EUR	7,7100	7,7100	7,5100			7,5100					
Warrant	NL0012818330	SDJE574.21C 0528G	EUR	7,5600	7,5600	7,3700			7,3700					
Warrant	NL0012818348	SDJE574.96C 0528G	EUR	7,3900	7,3900	7,2000			7,2000					
Warrant	NL0012375265	SDJE575.28C 1127G	EUR	6,9500	6,9500	6,7700			6,7700					
Warrant	XS1264751105	SELRE STN0923G	EUR	99,3500	99,4900	99,3500			99,4900					
Warrant	NL0011492822	SHELL 13SPLOPENG	EUR	16,3700	16,3700	16,3200			16,3200					
Warrant	NL0011856182	SHELL 19SPLOPENG	EUR	10,7700	10,7700	10,7200			10,7200					
Warrant	DE000CV896L0	SHELL 27C 1218Z	EUR	1,5600	1,5600	1,5600			1,5600					
Warrant	DE000CV8AMZ5	SHELL 30C 0319Z	EUR	0,1050	0,1050	0,1050			0,1050					
Warrant	DE000CV896M8	SHELL 30C 1218Z	EUR	0,2750	0,2750	0,2750			0,2750					
Warrant	NL0006420960	SHELL 0.8SPLOPENG	EUR	27,6700	27,6700	27,6200			27,6200					
Warrant	NL0006427700	SHELL 2.5SPLOPENG	EUR	26,0700	26,0700	26,0200			26,0200					
Warrant	NL0009107051	SHELL 4.1SPLOPENG	EUR	24,6400	24,6400	24,5900			24,5900					
Warrant	NL0009111111	SHELL 5.2SPLOPENG	EUR	23,6300	23,6300	23,5800			23,5800					
Warrant	NL0009111988	SHELL 6.3SPLOPENG	EUR	22,6000	22,6000	22,5500			22,5500					
Warrant	NL0009230697	SHELL 7.4SPLOPENG	EUR	21,6000	21,6000	21,5500			21,5500					
Warrant	NL0009234319	SHELL 8.6SPLOPENG	EUR	20,4200	20,4200	20,3700			20,3700					
Warrant	NL0009368901	SHELL 10.4SPLOPENG	EUR	18,7100	18,7100	18,6600			18,6600					
Warrant	NL0009763879	SHELL 12.1SPLOPENG	EUR	17,1500	17,1500	17,1000			17,1000					
Warrant	NL0011618848	SHELL 13.9SPLOPENG	EUR	15,5300	15,5300	15,4800			15,4800					
Warrant	NL0011618723	SHELL 14.8SPLOPENG	EUR	13,6900	13,6900	13,6400			13,6400					
Warrant	NL0011619739	SHELL 14.9SPLOPENG	EUR	14,6400	14,6400	14,5900			14,5900					
Warrant	NL0011622386	SHELL 15.8SPLOPENG	EUR	13,7300	13,7300	13,6800			13,6800					
Warrant	NL0011622659	SHELL 16.8SPLOPENG	EUR	11,7100	11,7100	11,6600			11,6600					
Warrant	NL0011627823	SHELL 16.9SPLOPENG	EUR	12,7600	12,7600	12,7100			12,7100					
Warrant	NL0011628532	SHELL 17.9SPLOPENG	EUR	11,7800	11,7800	11,7300			11,7300					
Warrant	NL0011860762	SHELL 20.1SPLOPENG	EUR	9,7100	9,7100	9,6600			9,6600					
Warrant	NL0012076228	SHELL 21.3SPLOPENG	EUR	8,6900	8,7500	8,6000	17350,0000	4	8,6400	2000				
Warrant	NL0011853791	SHELL 21.9SPLOPENG	EUR											
Warrant	NL0012081368	SHELL 22.4SPLOPENG	EUR	7,6100	7,6100	7,5600			7,5600					
Warrant	NL0011859392	SHELL 22.6SPLOPENG	EUR											
Warrant	NL0012473128	SHELL 23.6SPLOPENG	EUR	6,5000	6,5000	6,4500			6,4500					
Warrant	NL0012478960	SHELL 24.8SPLOPENG	EUR	5,3600	5,3600	5,3100			5,3100					
Warrant	NL0012479554	SHELL 26.1SPLOPENG	EUR	4,1600	4,1600	4,1100			4,1100					
Warrant	NL0012481345	SHELL 27.4SPLOPENG	EUR											
Warrant	NL0012831168	SHELL 27.4SPLOPENG	EUR	2,9500	2,9500	2,9000			2,9000					
Warrant	NL0012827943	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 31.5SPSOPENG	EUR	5,7000	5,7500	5,7000			5,7500					
Warrant	NL0012827950	SHELL 33.7SPSOPENG	EUR	8,0800	8,1300	8,0800			8,1300					
Warrant	NL0011492483	SHELL 9.75SPLOPENG	EUR	18,7300	18,7300	18,6800			18,6800					
Warrant	NL0011371372	SHELL12.12SPLOPENG	EUR	16,3700	16,3700	16,3200			16,3200					
Warrant	NL0011617204	SHELL13.86SPLOPENG	EUR	14,6200	14,6200	14,5700			14,5700					
Warrant	NL0011619994	SHELL15.79SPLOPENG	EUR	12,7000	12,7000	12,6500			12,6500					
Warrant	NL0011628334	SHELL17.86SPLOPENG	EUR	10,6600	10,6600	10,6100			10,6100					
Warrant	NL0011856075	SHELL18.93SPLOPENG	EUR	9,5800	9,5800	9,5300			9,5300					
Warrant	NL0011861653	SHELL19.43SPLOPENG	EUR	9,0800	9,0800	9,0300			9,0300					
Warrant	NL0011859715	SHELL20.03SPLOPENG	EUR	8,4600	8,4600	8,4100			8,4100					
Warrant	NL0011620760	SHELL20.15SPLOPENG	EUR											
Warrant	NL0011861885	SHELL21.19SPLOPENG	EUR	7,2900	7,2900	7,2400			7,2400					
Warrant	NL0012080600	SHELL21.76SPLOPENG	EUR	6,7500	6,7500	6,7000			6,7000					
Warrant	NL0012461909	SHELL22.94SPLOPENG	EUR	5,5700	5,5700	5,5200			5,5200					
Warrant	NL0012475206	SHELL23.41SPLOPENG	EUR	5,1000	5,1000	5,0500			5,0500					
Warrant	NL0012472096	SHELL24.16SPLOPENG	EUR	4,2600	4,2600	4,2100			4,2100					
Warrant	NL0012067516	SHELL25.39SPSOPENG	EUR											
Warrant	NL0012478812	SHELL25.42SPLOPENG	EUR	3,0900	3,0900	3,0400			3,0400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012480347	SHELL26.74SPLOPENG	EUR	1,7700	1,7700	1,7200			1,7200					
Warrant	NL0012819346	SHELL27.35SPLOPENG	EUR											
Warrant	NL0012830822	SHELL28.09SPLOPENG	EUR											
Warrant	NL0012819338	SHELL28.49SPLOPENG	EUR											
Warrant	NL0012820567	SHELL30.39SPSOPENG	EUR	2,1200	2,1700	2,1200			2,1700					
Warrant	NL0012469407	SHELL32.72SPSOPENG	EUR	4,4600	4,5100	4,4600			4,5100					
Warrant	NL0012819296	SHELL35.04SPSOPENG	EUR	6,7800	6,8300	6,7800			6,8300					
Warrant	NL0012829626	SILVE 14SPLOPENG	EUR	1,1400	1,1400	1,1400			1,1400					
Warrant	NL0012827018	SILVE 14SPLOPENG	EUR											
Warrant	NL0012827190	SILVE 5.1SPLOPENG	EUR	8,5800	8,5800	8,5800			8,5800					
Warrant	NL0012827182	SILVE 6.1SPLOPENG	EUR	7,7500	7,7500	7,7500			7,7500					
Warrant	NL0012827174	SILVE 7.1SPLOPENG	EUR	6,9200	6,9200	6,9200			6,9200					
Warrant	NL0012827166	SILVE 8.1SPLOPENG	EUR	6,0800	6,0800	6,0800			6,0800					
Warrant	NL0012827158	SILVE 9.1SPLOPENG	EUR	5,2400	5,2400	5,2400			5,2400					
Warrant	NL0006408593	SILVE 9.9SPLOPENG	EUR	4,5500	4,5500	4,5500			4,5500					
Warrant	NL0012827141	SILVE 10.1SPLOPENG	EUR	4,4100	4,4100	4,4100			4,4100					
Warrant	NL0006408601	SILVE 10.5SPLOPENG	EUR	4,0300	4,0300	4,0300			4,0300					
Warrant	NL0012827133	SILVE 11.1SPLOPENG	EUR	3,5500	3,5800	3,5500	28,4000	1	3,5800	8				
Warrant	NL0012827125	SILVE 12.1SPLOPENG	EUR	2,7400	2,7400	2,7400			2,7400					
Warrant	NL0006423808	SILVE 12.3SPLOPENG	EUR	2,5500	2,5500	2,5500			2,5500					
Warrant	NL0012827117	SILVE 13.1SPLOPENG	EUR	1,9000	1,9000	1,9000			1,9000					
Warrant	NL0011618384	SILVE 13.5SPLOPENG	EUR	1,6000	1,6000	1,6000			1,6000					
Warrant	NL0006425597	SILVE 13.6SPLOPENG	EUR	1,4500	1,4500	1,4500			1,4500					
Warrant	NL0011365903	SILVE 13.9SPLOPENG	EUR	0,6100	0,6600	0,5600	3475,0000	6	0,6600	5800				
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	0,6800	0,6800	0,6800			0,6800					
Warrant	NL0012827869	SILVE 15.6SPSOPENG	EUR	1,6400	1,6400	1,6400			1,6400					
Warrant	NL0012063085	SILVE 16.4SPLOPENG	EUR											
Warrant	NL0012825160	SILVE 16.4SPSOPENG	EUR	2,4000	2,4000	2,4000			2,4000					
Warrant	NL0012823173	SILVE 17.3SPSOPENG	EUR	3,2000	3,2000	3,2000			3,2000					
Warrant	NL0011859095	SILVE 17.7SPLOPENG	EUR											
Warrant	NL0012070627	SILVE 18.2SPSOPENG	EUR	4,0400	4,0400	4,0400			4,0400					
Warrant	NL0011856406	SILVE 19.2SPSOPENG	EUR	4,9300	4,9300	4,9300			4,9300					
Warrant	NL0011851829	SILVE 19.8SPLOPENG	EUR											
Warrant	NL0011852595	SILVE 20.2SPSOPENG	EUR	5,8600	5,8600	5,8600			5,8600					
Warrant	NL0011846118	SILVE 21.3SPSOPENG	EUR	6,8400	6,8400	6,8400			6,8400					
Warrant	NL0010358487	SILVE 23.6SPSOPENG	EUR	8,9600	8,9600	8,9600			8,9600					
Warrant	NL0011848627	SILVE 24.8SPSOPENG	EUR	10,0400	10,0400	10,0400			10,0400					
Warrant	NL0012827067	SILVE10.07SPLOPENG	EUR	4,0600	4,0600	4,0600			4,0600					
Warrant	NL0012827059	SILVE11.08SPLOPENG	EUR	3,1800	3,1800	3,1800			3,1800					
Warrant	NL0012827042	SILVE12.08SPLOPENG	EUR	2,2900	2,2900	2,2900			2,2900					
Warrant	NL0011485875	SILVE13.21SPLOPENG	EUR	1,1900	1,2900	1,1900	99,9600	1	1,2900	84				
Warrant	NL0011481973	SILVE13.55SPLOPENG	EUR	0,9100	0,9700	0,8300	4068,6000	6	0,9700	4708				
Warrant	NL0011305065	SILVE14.19SPLOPENG	EUR											
Warrant	NL0012830996	SILVE14.24SPLOPENG	EUR	0,2700	0,3600	0,2500	1322,3000	5	0,3500	4581				
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	0,3500	0,3500	0,3500			0,3500					
Warrant	NL0012828065	SILVE14.92SPSOPENG	EUR											
Warrant	NL0012825905	SILVE15.69SPSOPENG	EUR	1,0600	1,0600	1,0600			1,0600					
Warrant	NL0012824643	SILVE16.09SPSOPENG	EUR	1,4100	1,4100	1,4100			1,4100					
Warrant	NL0012063648	SILVE16.48SPLOPENG	EUR											
Warrant	NL0012822902	SILVE16.51SPSOPENG	EUR	1,7300	1,7300	1,7300			1,7300					
Warrant	NL0012822068	SILVE16.93SPSOPENG	EUR	2,1000	2,1000	2,1000			2,1000					
Warrant	NL0011843297	SILVE17.32SPLOPENG	EUR											
Warrant	NL0012472609	SILVE17.36SPSOPENG	EUR	2,4800	2,4800	2,4800			2,4800					
Warrant	NL0011858451	SILVE17.51SPLOPENG	EUR											
Warrant	NL0012081202	SILVE17.81SPSOPENG	EUR	2,8700	2,8700	2,8700			2,8700					
Warrant	NL0011858881	SILVE17.95SPLOPENG	EUR											
Warrant	NL0012070452	SILVE18.27SPSOPENG	EUR	3,3100	3,3100	3,3100			3,3100					
Warrant	NL0011860275	SILVE18.73SPSOPENG	EUR	3,6700	3,6700	3,6700			3,6700					
Warrant	NL0011856489	SILVE19.22SPSOPENG	EUR	4,1400	4,1400	4,1400			4,1400					
Warrant	NL0011853874	SILVE19.24SPLOPENG	EUR											
Warrant	NL0011855598	SILVE19.71SPSOPENG	EUR	4,5300	4,5300	4,5300			4,5300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011851308	SILVE20.21SPSOPENG	EUR	4,9600	4,9600	4,9600			4,9600					
Warrant	NL0011846647	SILVE20.73SPSOPENG	EUR	5,4500	5,4500	5,4500			5,4500					
Warrant	NL0010587226	SILVE21.26SPSOPENG	EUR	5,8800	5,8800	5,8800			5,8800					
Warrant	NL0010534822	SILVE23.29SPSOPENG	EUR	7,6400	7,6400	7,6400			7,6400					
Warrant	NL0010358719	SILVE25.13SPSOPENG	EUR	9,2400	9,2400	9,2400			9,2400					
Warrant	NL0011848742	SILVE25.76SPSOPENG	EUR	9,8300	9,8300	9,8300			9,8300					
Warrant	NL0012827109	SILVE6.042SPLOPENG	EUR	7,5700	7,5700	7,5700			7,5700					
Warrant	NL0012827091	SILVE7.049SPLOPENG	EUR	6,7300	6,7300	6,7300			6,7300					
Warrant	NL0012827083	SILVE8.056SPLOPENG	EUR	5,8100	5,8100	5,8100			5,8100					
Warrant	NL0012827075	SILVE9.063SPLOPENG	EUR	4,9300	4,9300	4,9300			4,9300					
Warrant	NL0012475511	SKYBL 1072SPLOPENG	EUR	8,3000	8,3000	8,2800			8,2800					
Warrant	NL0010344651	SNSRE 1SPSOPENG	EUR											
Warrant	NL0009757996	SNSRE 4SPSOPENG	EUR											
Warrant	NL0010345914	SNSRE 0.6SPLOPENG	EUR											
Warrant	NL0010345922	SNSRE 0.7SPLOPENG	EUR											
Warrant	NL0010343612	SNSRE 1.1SPSOPENG	EUR											
Warrant	NL0010210571	SNSRE 1.2SPSOPENG	EUR											
Warrant	NL0010096483	SNSRE 1.4SPSOPENG	EUR											
Warrant	NL0010095493	SNSRE 1.5SPSOPENG	EUR											
Warrant	NL0010091419	SNSRE 1.7SPSOPENG	EUR											
Warrant	NL0010090320	SNSRE 1.9SPSOPENG	EUR											
Warrant	NL0009878271	SNSRE 2.3SPSOPENG	EUR											
Warrant	NL0009234814	SNSRE 5.2SPSOPENG	EUR											
Warrant	NL0011618889	SOGEN 18.8SPLOPENG	EUR	18,2900	18,2900	17,9000			17,9000					
Warrant	NL0010959813	SOGEN 21.2SPLOPENG	EUR	16,0700	16,0700	15,6800			15,6800					
Warrant	NL0011212576	SOGEN 51.8SPSOPENG	EUR											
Warrant	NL0009112507	SOLVA 41SPLOPENG	EUR	66,7400	66,7400	66,6300			66,6300					
Warrant	NL0010201976	SOLVA 63.1SPLOPENG	EUR	46,2300	46,2300	46,1200			46,1200					
Warrant	NL0011621586	SOLVA 69.5SPLOPENG	EUR	40,2800	40,2800	40,1700			40,1700					
Warrant	NL0011851001	SOLVA 83.7SPLOPENG	EUR	27,0200	27,0200	26,9100			26,9100					
Warrant	NL0011855333	SOLVA 91.8SPLOPENG	EUR	19,4800	19,4800	19,3700			19,3700					
Warrant	NL0012064646	SOLVA100.5SPLOPENG	EUR	11,3600	11,3600	11,2500			11,2500					
Warrant	NL0011199286	SOLVA122.5SPSOPENG	EUR											
Warrant	NL0006427619	SP500 288SPLOPENG	EUR	21,7600	21,7600	21,7600			21,7600					
Warrant	NL0009882281	SP500 1052SPLOPENG	EUR	15,3000	15,3000	15,3000			15,3000					
Warrant	NL0009906999	SP500 1227SPLOPENG	EUR	13,8200	13,8200	13,8200			13,8200					
Warrant	NL0010203741	SP500 1297SPLOPENG	EUR	13,2300	13,2300	13,2300			13,2300					
Warrant	NL0010354338	SP500 1425SPLOPENG	EUR	11,8200	11,8200	11,8200			11,8200					
Warrant	NL0010352084	SP500 1455SPLOPENG	EUR	11,8900	11,8900	11,8900			11,8900					
Warrant	NL0010354296	SP500 1530SPLOPENG	EUR	10,9000	10,9000	10,9000			10,9000					
Warrant	NL0010362919	SP500 1539SPLOPENG	EUR	11,2000	11,2000	11,2000			11,2000					
Warrant	NL0010466140	SP500 1582SPLOPENG	EUR	10,4500	10,4500	10,4500			10,4500					
Warrant	NL0010527669	SP500 1628SPLOPENG	EUR	10,4500	10,4500	10,4500			10,4500					
Warrant	NL0010543898	SP500 1674SPLOPENG	EUR	9,6600	9,6600	9,6600			9,6600					
Warrant	NL0010545067	SP500 1712SPLOPENG	EUR	9,3300	9,3300	9,3300			9,3300					
Warrant	NL0010584215	SP500 1741SPLOPENG	EUR	9,4900	9,4900	9,4900			9,4900					
Warrant	NL0010585436	SP500 1750SPLOPENG	EUR	8,9900	8,9900	8,9900			8,9900					
Warrant	NL0010679551	SP500 1789SPLOPENG	EUR	8,6500	8,6500	8,6500			8,6500					
Warrant	NL0010679353	SP500 1799SPLOPENG	EUR	8,9900	8,9900	8,9900			8,9900					
Warrant	NL0010681037	SP500 1829SPLOPENG	EUR	8,3000	8,3000	8,3000			8,3000					
Warrant	NL0011492525	SP500 1838SPLOPENG	EUR	8,6700	8,6700	8,6700			8,6700					
Warrant	NL0011492541	SP500 1843SPLOPENG	EUR	8,1800	8,1800	8,1800			8,1800					
Warrant	NL0011620455	SP500 1871SPLOPENG	EUR	7,9500	7,9500	7,9500			7,9500					
Warrant	NL0011621271	SP500 1877SPLOPENG	EUR	8,3400	8,3400	8,3400			8,3400					
Warrant	NL0011620646	SP500 1899SPLOPENG	EUR	7,7100	7,7100	7,7100			7,7100					
Warrant	NL0011621917	SP500 1913SPLOPENG	EUR	7,5800	7,5800	7,5800			7,5800					
Warrant	NL0011621693	SP500 1917SPLOPENG	EUR	8,0000	8,0000	8,0000			8,0000					
Warrant	NL0011622600	SP500 1927SPLOPENG	EUR	7,4600	7,4600	7,4600			7,4600					
Warrant	NL0011618608	SP500 1939SPSOPENG	EUR											
Warrant	NL0011623756	SP500 1956SPLOPENG	EUR	7,2100	7,2100	7,2100			7,2100					
Warrant	NL0011624424	SP500 1958SPLOPENG	EUR	7,6500	7,6500	7,6500			7,6500					
Warrant	NL0011624150	SP500 1971SPLOPENG	EUR	7,0800	7,0800	7,0800			7,0800					
Warrant	NL0011625215	SP500 1985SPLOPENG	EUR	6,9500	6,9500	6,9500			6,9500					
Warrant	NL0011625843	SP500 2000SPLOPENG	EUR	6,8200	6,8200	6,8200			6,8200					
Warrant	NL0011625892	SP500 2010SPLOPENG	EUR	7,2000	7,2000	7,2000			7,2000					
Warrant	NL0011626270	SP500 2015SPLOPENG	EUR	6,6900	6,6900	6,6900			6,6900					
Warrant	NL0011626858	SP500 2030SPLOPENG	EUR	6,5700	6,5700	6,5700			6,5700					
Warrant	NL0011845706	SP500 2045SPLOPENG	EUR	6,4400	6,4400	6,4400			6,4400					
Warrant	NL0011845987	SP500 2063SPLOPENG	EUR	6,7600	6,7600	6,7600			6,7600					
Warrant	NL0011846068	SP500 2075SPLOPENG	EUR	6,1700	6,1700	6,1700			6,1700					
Warrant	NL0011847835	SP500 2105SPLOPENG	EUR	5,9100	5,9100	5,9100			5,9100					
Warrant	NL0011848155	SP500 2117SPLOPENG	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
Warrant	NL0011848288	SP500 2121SPLOPENG	EUR	5,7700	5,7700	5,7700			5,7700					
Warrant	NL0011859970	SP500 2136SPLOPENG	EUR	5,6400	5,6400	5,6400			5,6400					
Warrant	NL0011860820	SP500 2152SPLOPENG	EUR	5,5000	5,5000	5,5000			5,5000					
Warrant	NL0011861075	SP500 2168SPLOPENG	EUR	5,3600	5,3600	5,3600			5,3600					
Warrant	NL0011861356	SP500 2172SPLOPENG	EUR	5,8300	5,8300	5,8300			5,8300					
Warrant	NL0011861091	SP500 2183SPLOPENG	EUR	5,2300	5,2300	5,2300			5,2300					
Warrant	NL0011861497	SP500 2199SPLOPENG	EUR	5,0900	5,0900	5,0900			5,0900					
Warrant	NL0011862818	SP500 2215SPLOPENG	EUR	4,9500	4,9500	4,9500			4,9500					
Warrant	NL0011862503	SP500 2229SPLOPENG	EUR	5,3500	5,3500	5,3500			5,3500					
Warrant	NL0012061543	SP500 2231SPLOPENG	EUR	4,8100	4,8100	4,8100			4,8100					
Warrant	NL0012063507	SP500 2247SPLOPENG	EUR	4,6700	4,6700	4,6700			4,6700					
Warrant	NL0012063945	SP500 2264SPLOPENG	EUR	4,5300	4,5300	4,5300			4,5300					
Warrant	NL0012065668	SP500 2280SPLOPENG	EUR	4,3800	4,3800	4,3800			4,3800					
Warrant	NL0012062434	SP500 2287SPLOPENG	EUR	5,1200	5,1200	4,8600	768,0000	1	4,8600	150				
Warrant	NL0012066112	SP500 2313SPLOPENG	EUR	4,0900	4,0900	4,0900			4,0900					
Warrant	NL0012066153	SP500 2330SPLOPENG	EUR	3,9500	3,9500	3,9500			3,9500					
Warrant	NL0012066518	SP500 2346SPLOPENG	EUR	4,3600	4,3600	4,3600			4,3600					
Warrant	NL0012066377	SP500 2347SPLOPENG	EUR	3,8000	3,8000	3,8000			3,8000					
Warrant	NL0012068365	SP500 2364SPLOPENG	EUR	3,6500	3,6500	3,6500			3,6500					
Warrant	NL0012073076	SP500 2381SPLOPENG	EUR	3,5100	3,5100	3,5100			3,5100					
Warrant	NL0012073753	SP500 2398SPLOPENG	EUR	3,3600	3,3600	3,3600			3,3600					
Warrant	NL0012077705	SP500 2406SPLOPENG	EUR	3,8500	3,8500	3,8500			3,8500					
Warrant	NL0012076087	SP500 2415SPLOPENG	EUR	3,2100	3,2100	3,2100			3,2100					
Warrant	NL0012076590	SP500 2432SPLOPENG	EUR	3,0600	3,0600	3,0600			3,0600					
Warrant	NL0012077515	SP500 2449SPLOPENG	EUR	2,9100	2,9100	2,9100			2,9100					
Warrant	NL0012080295	SP500 2467SPLOPENG	EUR	2,7600	2,7600	2,7600			2,7600					
Warrant	NL0012077739	SP500 2467SPLOPENG	EUR	3,3300	3,3300	3,3300			3,3300					
Warrant	NL0012081194	SP500 2484SPLOPENG	EUR	2,6000	2,6000	2,6000			2,6000					
Warrant	NL0012462618	SP500 2502SPLOPENG	EUR	2,4500	2,4500	2,4500			2,4500					
Warrant	NL0012462600	SP500 2520SPLOPENG	EUR	2,2900	2,2900	2,2900			2,2900					
Warrant	NL0012462451	SP500 2530SPLOPENG	EUR	2,8000	2,8000	2,8000			2,8000					
Warrant	NL0012463707	SP500 2538SPLOPENG	EUR	2,1400	2,1400	2,1400			2,1400					
Warrant	NL0012465595	SP500 2556SPLOPENG	EUR	2,2300	2,2300	1,9800	15792,6000	5	1,9800	7780				
Warrant	NL0012472906	SP500 2574SPLOPENG	EUR	1,8200	1,8200	1,8200			1,8200					
Warrant	NL0012478713	SP500 2592SPLOPENG	EUR	1,6600	1,6600	1,6600			1,6600					
Warrant	NL0012478507	SP500 2594SPLOPENG	EUR	2,2600	2,2600	2,2600			2,2600					
Warrant	NL0012478705	SP500 2611SPLOPENG	EUR	1,5000	1,5000	1,5000			1,5000					
Warrant	NL0012819262	SP500 2629SPLOPENG	EUR	1,3400	1,3400	1,3400			1,3400					
Warrant	NL0012819254	SP500 2648SPLOPENG	EUR	1,1800	1,1800	1,1800			1,1800					
Warrant	NL0012819924	SP500 2659SPLOPENG	EUR	1,7100	1,7100	1,7100			1,7100					
Warrant	NL0012819247	SP500 2666SPLOPENG	EUR	1,0200	1,0200	1,0200			1,0200					
Warrant	NL0012821318	SP500 2685SPLOPENG	EUR	0,8500	0,8500	0,8500			0,8500					
Warrant	NL0012821821	SP500 2704SPLOPENG	EUR	0,6900	0,6900	0,6900			0,6900					
Warrant	NL0012824205	SP500 2722SPLOPENG	EUR											
Warrant	NL0012823835	SP500 2726SPLOPENG	EUR											
Warrant	NL0012824619	SP500 2741SPLOPENG	EUR											
Warrant	NL0012825707	SP500 2760SPLOPENG	EUR											
Warrant	NL0012826754	SP500 2779SPLOPENG	EUR											
Warrant	NL0012825558	SP500 2794SPLOPENG	EUR											
Warrant	NL0012828297	SP500 2799SPLOPENG	EUR											
Warrant	NL0012828388	SP500 2818SPLOPENG	EUR											
Warrant	NL0012830699	SP500 2838SPLOPENG	EUR											
Warrant	NL0012832190	SP500 2854SPLOPENG	EUR	1,4700	1,4700	1,4700			1,4700					
Warrant	NL0012468805	SP500 2855SPLOPENG	EUR											
Warrant	NL0012828495	SP500 2864SPLOPENG	EUR											
Warrant	NL0012080881	SP500 2869SPLOPENG	EUR											
Warrant	NL0012468813	SP500 2871SPLOPENG	EUR											
Warrant	NL0012832539	SP500 2882SPLOPENG	EUR	0,8100	0,9900	0,8100	4980,0000	2	0,9900	6000				
Warrant	NL0012469308	SP500 2890SPLOPENG	EUR											
Warrant	NL0012469316	SP500 2910SPLOPENG	EUR											
Warrant	NL0012832547	SP500 2923SPLOPENG	EUR	1,3400	1,3400	1,3400			1,3400					
Warrant	NL0012471080	SP500 2926SPLOPENG	EUR											
Warrant	NL0012832208	SP500 2927SPLOPENG	EUR	2,1300	2,1300	2,1300			2,1300					
Warrant	NL0012465496	SP500 2935SPLOPENG	EUR											
Warrant	NL0012471098	SP500 2944SPLOPENG	EUR	1,5000	1,5000	1,5000	225,0000	1	1,5000	150				
Warrant	NL0012825715	SP500 2965SPLOPENG	EUR	1,7600	1,7600	1,7000	176,0000	1	1,7000	100				
Warrant	NL0012826796	SP500 2985SPLOPENG	EUR	1,8800	1,8800	1,8800			1,8800					
Warrant	NL0012832216	SP500 3002SPLOPENG	EUR	2,8100	2,8100	2,8100			2,8100					
Warrant	NL0012828115	SP500 3006SPLOPENG	EUR	2,0700	2,0700	2,0700			2,0700					
Warrant	NL0012829048	SP500 3049SPLOPENG	EUR	2,4400	2,4400	2,4400			2,4400					
Warrant	NL0012829741	SP500 3070SPLOPENG	EUR	2,6200	2,6200	2,6200			2,6200					
Warrant	NL0012466734	SP500 3081SPLOPENG	EUR	3,5000	3,5000	3,5000			3,5000					



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
Warrant	NL0012830707	SP500 3092SPSOPENG	EUR	2,8100	2,8100	2,8100			2,8100					
Warrant	NL0012467252	SP500 3150SPSOPENG	EUR	4,2000	4,2000	4,2000			4,2000					
Warrant	NL0012469829	SP500 3239SPSOPENG	EUR	4,9200	4,9200	4,9200			4,9200					
Warrant	NL0012474977	SP500 3321SPSOPENG	EUR	5,6600	5,6600	5,6600			5,6600					
Warrant	NL0006421695	SPBRI 7705PLOPENG	EUR	20,3300	20,3300	20,0800			20,0800					
Warrant	NL0009107838	SPBRI 1360SPLOPENG	EUR	14,6800	14,6800	14,4200			14,4200					
Warrant	NL0009111145	SPBRI 1590SPLOPENG	EUR	11,5100	11,5100	11,2500			11,2500					
Warrant	NL0010463147	SVT 1047SPLOPENG	EUR	10,4600	10,4800	10,4600			10,4800					
Warrant	NL0010459319	SVT 1286SPLOPENG	EUR	7,9600	7,9800	7,9600			7,9800					
Warrant	NL0010592929	TBOND 1205PLOPENG	EUR	19,5600	19,5600	19,5600			19,5600					
Warrant	NL0010541389	TBOND 1225PLOPENG	EUR	17,3800	17,3800	17,3800			17,3800					
Warrant	NL0010535290	TBOND 125SPLOPENG	EUR	15,1100	15,1100	15,1100			15,1100					
Warrant	NL0009878602	TBOND 1325PLOPENG	EUR	9,1700	9,1700	9,1700			9,1700					
Warrant	NL0010599999	TBOND 135SPLOPENG	EUR	6,8100	6,8100	6,8100			6,8100					
Warrant	NL0012829725	TBOND 139SPLOPENG	EUR											
Warrant	NL0012827901	TBOND 143SPLOPENG	EUR											
Warrant	NL0012830160	TBOND 144SPSOPENG	EUR	9,7200	9,7200	9,7200			9,7200					
Warrant	NL0012079099	TBOND 153SPSOPENG	EUR	17,8900	17,8900	17,8900			17,8900					
Warrant	NL0011850706	TBOND 158SPSOPENG	EUR	22,2600	22,2600	22,2600			22,2600					
Warrant	NL0011845136	TBOND 160SPSOPENG	EUR	24,0000	24,0000	24,0000			24,0000					
Warrant	NL0010591152	TESLA 109SPLOPENG	EUR	14,5900	14,5900	14,5900			14,5900					
Warrant	NL0010590360	TESLA 118SPLOPENG	EUR	13,9400	13,9400	13,9400			13,9400					
Warrant	NL0010588653	TESLA 126SPLOPENG	EUR	13,2300	13,2300	13,2300			13,2300					
Warrant	NL0010591749	TESLA 135SPLOPENG	EUR	12,5400	12,5400	12,5400			12,5400					
Warrant	NL0010592549	TESLA 145SPLOPENG	EUR	11,8000	11,8000	11,8000			11,8000					
Warrant	DE000CJ3N955	TESLA 275C 0319Z	EUR	1,7350	1,7350	1,7350			1,7350					
Warrant	DE000CJ3N948	TESLA 275C 1218Z	EUR	1,1250	1,1250	1,1250			1,1250					
Warrant	DE000CV506T8	TESLA 300C 0319Z	EUR	2,5400	2,5400	2,4850	12,7000	1	2,4850		5			
Warrant	DE000CV8AKP0	TESLA 300C 1218Z	EUR	0,6750	0,6750	0,6750			0,6750					
Warrant	DE000CV8AKQ8	TESLA 320C 1218Z	EUR	0,4350	0,4350	0,4350			0,4350					
Warrant	DE000CV506S0	TESLA 330C 0319Z	EUR	1,6450	1,6450	1,6450			1,6450					
Warrant	DE000CV8AM78	TESLA 370C 1218Z	EUR	0,1250	0,1250	0,1250			0,1250					
Warrant	DE000CV8AM86	TESLA 380C 0319Z	EUR	0,3850	0,3850	0,3850			0,3850					
Warrant	DE000CV8ARM2	TESLA 420C 1218Z	EUR	0,0420	0,0420	0,0420			0,0420					
Warrant	DE000CV8ARN0	TESLA 430C 0319Z	EUR	0,1750	0,1750	0,1750			0,1750					
Warrant	NL0012828438	TN10 107SPLOPENG	EUR	12,7700	12,7700	12,7700			12,7700					
Warrant	NL0012828420	TN10 109SPLOPENG	EUR	10,9300	10,9300	10,9300			10,9300					
Warrant	NL0010468575	TN10 111SPLOPENG	EUR	9,0600	9,0600	9,0600			9,0600					
Warrant	NL0012831630	TN10 116SPLOPENG	EUR	5,2600	5,2600	5,2600			5,2600					
Warrant	NL0010468567	TN10 118SPLOPENG	EUR											
Warrant	NL0012465611	TN10 123SPSOPENG	EUR	7,8300	7,8300	7,8300			7,8300					
Warrant	NL0011019666	TN10 125SPSOPENG	EUR	10,1100	10,1100	10,1100			10,1100					
Warrant	NL0011629233	TN10 128SPSOPENG	EUR	12,4400	12,4400	12,4400			12,4400					
Warrant	NL0011845128	TN10 131SPSOPENG	EUR	14,8100	14,8100	14,8100			14,8100					
Warrant	NL0009902394	TOMTO 3SPLOPENG	EUR	4,0200	4,1100	4,0200	301,5000	1	4,1100		75			
Warrant	DE000CJ3PD23	TOMTO 7C 0319Z	EUR	0,8000	0,8000	0,8000			0,8000					
Warrant	DE000CJ3PAV4	TOMTO 8C 0319Z	EUR	0,5050	0,5050	0,5050			0,5050					
Warrant	DE000CV8AN10	TOMTO 9C 0319Z	EUR	0,3400	0,3400	0,3400			0,3400					
Warrant	DE000CV4ZFH3	TOMTO 9C 1218Z	EUR	0,1350	0,1350	0,1350			0,1350					
Warrant	DE000CV8AN28	TOMTO 10C 0319Z	EUR	0,2350	0,2350	0,2350			0,2350					
Warrant	DE000CV8AN02	TOMTO 10C 1218Z	EUR	0,0820	0,0820	0,0820			0,0820					
Warrant	DE000CV4ZFJ9	TOMTO 11C 1218Z	EUR	0,0560	0,0560	0,0560			0,0560					
Warrant	NL0006427726	TOMTO 0.9SPLOPENG	EUR	5,8800	5,9900	5,8800			5,9900					
Warrant	NL0006428906	TOMTO 1.8SPLOPENG	EUR	5,0200	5,1300	5,0200			5,1300					
Warrant	NL0009105394	TOMTO 2.6SPLOPENG	EUR	4,2700	4,3800	4,2700			4,3800					
Warrant	NL0010093076	TOMTO 3.2SPLOPENG	EUR	3,8000	3,9100	3,8000			3,9100					
Warrant	NL0010458576	TOMTO 3.9SPLOPENG	EUR	3,1700	3,2700	3,1700			3,2700					
Warrant	NL0010466496	TOMTO 4.2SPLOPENG	EUR	2,9000	3,0100	2,9000			3,0100					
Warrant	NL0010528725	TOMTO 4.5SPLOPENG	EUR	2,6300	2,7400	2,6300	1072,0000	1	2,7400		400			
Warrant	NL0010681615	TOMTO 4.8SPLOPENG	EUR	2,3400	2,4500	2,3400			2,4500					
Warrant	NL0010740163	TOMTO 5.1SPLOPENG	EUR	2,0300	2,1400	2,0300			2,1400					
Warrant	NL0010959748	TOMTO 5.5SPLOPENG	EUR	1,7200	1,8300	1,7200			1,8300					
Warrant	NL0010965406	TOMTO 5.8SPLOPENG	EUR											
Warrant	NL0012831192	TOMTO 5.8SPLOPENG	EUR	1,3800	1,4800	1,3800			1,4800					
Warrant	NL0012831184	TOMTO 6.3SPLOPENG	EUR											
Warrant	NL0011022330	TOMTO 6.3SPLOPENG	EUR											
Warrant	NL0012831176	TOMTO 6.7SPLOPENG	EUR											
Warrant	NL0011859400	TOMTO 6.7SPLOPENG	EUR											
Warrant	NL0012832331	TOMTO 6.7SPLOPENG	EUR											
Warrant	NL0012831572	TOMTO 7.2SPLOPENG	EUR											
Warrant	NL0012824486	TOMTO 7.2SPLOPENG	EUR											
Warrant	DE000CV896R7	TOMTO 7.5C 1218Z	EUR	0,2900	0,3500	0,2900	6685,0000	4	0,3300		21500			



Instrument Type	Exchange Instrument ID	Instrument 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	NL0012824981	TOMTO 7.75PLOPENG	EUR											
Warrant	NL0012824973	TOMTO 8.25PLOPENG	EUR											
Warrant	NL0012831200	TOMTO 8.75SPLOPENG	EUR	3,0900	3,0900	2,9700				2,9700				
Warrant	NL0012066674	TOMTO 10.25SPLOPENG	EUR	4,8000	4,8000	4,6800				4,6800				
Warrant	NL0012469647	TOMTO 11.75SPLOPENG	EUR	6,4900	6,4900	6,3700				6,3700				
Warrant	NL0012830756	TOMTO 6.095PLOPENG	EUR											
Warrant	NL0012824049	TOMTO 6.975PLOPENG	EUR											
Warrant	DE000CV896Q9	TOMTO 8.25C 1218Z	EUR	0,1800	0,2000	0,1800	360,0000	1	0,2000	2000				
Warrant	NL0012825384	TOMTO 8.535PLOPENG	EUR											
Warrant	NL0012830152	TOMTO4.9275PLOPENG	EUR	1,8100	1,9200	1,8100				1,9200				
Warrant	NL0012830079	TOMTO5.2975PLOPENG	EUR	1,4400	1,5500	1,4400				1,5500				
Warrant	NL0012830061	TOMTO5.6965PLOPENG	EUR	1,0400	1,2400	1,0400	124,0000	1	1,1500	100				
Warrant	NL0011845227	TOMTO6.0865PLOPENG	EUR											
Warrant	NL0012832844	TOMTO6.0945PLOPENG	EUR	0,6500	0,7500	0,6500				0,7500				
Warrant	NL0012830988	TOMTO6.0965PLOPENG	EUR											
Warrant	NL0011849047	TOMTO6.5135PLOPENG	EUR											
Warrant	NL0012830970	TOMTO6.5235PLOPENG	EUR											
Warrant	NL0012831382	TOMTO6.9795PLOPENG	EUR											
Warrant	NL0012824783	TOMTO7.4585PLOPENG	EUR											
Warrant	NL0012831374	TOMTO7.4665PLOPENG	EUR											
Warrant	NL0012825038	TOMTO7.9825PLOPENG	EUR											
Warrant	NL0012830087	TOMTO8.4415SPLOPENG	EUR	1,9500	1,9500	1,8300				1,8300				
Warrant	NL0012062970	TOMTO9.9325SPLOPENG	EUR	3,4400	3,4400	3,3200				3,3200				
Warrant	NL0010537304	TOTAL 285PLOPENG	EUR	27,4700	27,4700	26,9000				26,9000				
Warrant	NL0010958088	TOTAL 25.55PLOPENG	EUR	29,7800	29,7800	29,2100				29,2100				
Warrant	NL0011634365	TOTAL 34.45PLOPENG	EUR	21,5700	21,5700	21,0000				21,0000				
Warrant	NL0012075998	TOTAL 37.75PLOPENG	EUR	18,4500	18,4500	17,8800				17,8800				
Warrant	NL0012473185	TOTAL 41.35PLOPENG	EUR	15,1400	15,1400	14,5700				14,5700				
Warrant	NL0012479042	TOTAL 45.15PLOPENG	EUR	11,5900	11,5900	11,0200				11,0200				
Warrant	NL0012824130	TOTAL 49.25PLOPENG	EUR	7,7700	7,7700	7,2000				7,2000				
Warrant	NL0012829451	UCB S 62SPLOPENG	EUR	15,4200	15,4200	15,4200				15,4200				
Warrant	NL0012829436	UCB S 71SPLOPENG	EUR	7,0600	7,0600	7,0600				7,0600				
Warrant	NL0010530317	UCB S 40.65PLOPENG	EUR	35,3200	35,3200	35,3200				35,3200				
Warrant	NL0010585709	UCB S 44.75PLOPENG	EUR	31,4800	31,4800	31,4800				31,4800				
Warrant	NL0010595302	UCB S 49.25PLOPENG	EUR	27,2900	27,2900	27,2900				27,2900				
Warrant	NL0010694873	UCB S 54.15PLOPENG	EUR	22,7200	22,7200	22,7200				22,7200				
Warrant	NL0012829469	UCB S 57.95PLOPENG	EUR	19,2000	19,2000	19,2000				19,2000				
Warrant	NL0012829444	UCB S 66.35PLOPENG	EUR	11,3900	11,3900	11,3900				11,3900				
Warrant	NL0012829428	UCB S 75.95PLOPENG	EUR											
Warrant	NL0011627492	UMICO 18SPLOPENG	EUR	49,7900	49,7900	49,7900				49,7900				
Warrant	NL0012481410	UMICO 40SPLOPENG	EUR											
Warrant	DE000CJ3N9L1	UMICO 45C 0319Z	EUR	0,5650	0,5650	0,5650				0,5650				
Warrant	DE000CV89655	UMICO 45C 1218Z	EUR	0,3650	0,3650	0,3650				0,3650				
Warrant	DE000CV8ASS7	UMICO 50C 0319Z	EUR	0,3350	0,3350	0,3350				0,3350				
Warrant	DE000CV896T3	UMICO 50C 1218Z	EUR	0,1850	0,1850	0,1850				0,1850				
Warrant	DE000CV8AN36	UMICO 55C 1218Z	EUR	0,1050	0,1050	0,1050				0,1050				
Warrant	NL0009106319	UMICO 3.45PLOPENG	EUR	76,8000	76,8000	76,8000				76,8000				
Warrant	NL0009234046	UMICO 7.55PLOPENG	EUR	69,3400	69,3400	69,3400				69,3400				
Warrant	NL0009368919	UMICO 8.75PLOPENG	EUR	67,0800	67,0800	67,0800				67,0800				
Warrant	NL0010603882	UMICO 10.85PLOPENG	EUR	63,0800	63,0800	63,0800				63,0800				
Warrant	NL0010603866	UMICO 13.45PLOPENG	EUR	58,2800	58,2800	58,2800				58,2800				
Warrant	NL0011631460	UMICO 19.75PLOPENG	EUR	46,5500	46,5500	46,5500				46,5500				
Warrant	NL0012074215	UMICO 28.25PLOPENG	EUR	30,7200	30,7200	30,7200				30,7200				
Warrant	NL0012468037	UMICO 33.95PLOPENG	EUR											
Warrant	NL0012468029	UMICO 36.95PLOPENG	EUR											
Warrant	NL0012481402	UMICO 43.65PLOPENG	EUR											
Warrant	NL0010942538	UNILV 26SPLOPENG	EUR	21,4900	21,9800	21,4900				21,9800				
Warrant	NL0011374400	UNILV 33SPLOPENG	EUR	15,0300	15,5200	15,0300				15,5200				
Warrant	NL0012068043	UNILV 41SPLOPENG	EUR	7,5800	8,0700	7,5800				8,0700				
Warrant	NL0012825228	UNILV 475PLOPENG	EUR											
Warrant	NL0009108174	UNILV 7.45PLOPENG	EUR	38,8000	39,2900	38,8000				39,2900				
Warrant	NL0009112523	UNILV 10.65PLOPENG	EUR	35,8600	36,3500	35,8600				36,3500				
Warrant	NL0009234418	UNILV 12.35PLOPENG	EUR	34,2700	34,7600	34,2700				34,7600				
Warrant	NL0009371277	UNILV 14.15PLOPENG	EUR	32,5900	33,0800	32,5900				33,0800				
Warrant	NL0009902402	UNILV 17.75PLOPENG	EUR	29,1900	29,6800	29,1900				29,6800				
Warrant	NL0010595567	UNILV 18.75PLOPENG	EUR	27,1100	27,6000	27,1100				27,6000				
Warrant	NL0010094355	UNILV 19.15PLOPENG	EUR	27,9400	28,4300	27,9400				28,4300				
Warrant	NL0010086450	UNILV 20.55PLOPENG	EUR	26,6500	27,1400	26,6500				27,1400				
Warrant	NL0010202719	UNILV 21.95PLOPENG	EUR	25,2900	25,7800	25,2900				25,7800				
Warrant	NL0010966727	UNILV 28.25PLOPENG	EUR	19,4300	19,9200	19,4300				19,9200				
Warrant	NL0011362322	UNILV 30.55PLOPENG	EUR	17,3200	17,8100	17,3200				17,8100				
Warrant	NL0012062921	UNILV 35.55PLOPENG	EUR	12,6900	13,1800	12,6900				13,1800				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012065403	UNILV 36.1SPLOPENG	EUR	9,7200	10,2100	9,7200			10,2100					
Warrant	NL0012476907	UNILV 42.1SPLOPENG	EUR	3,7000	4,1900	3,5000	664,0000	3	4,1900	180				
Warrant	NL0012479018	UNILV 43.9SPLOPENG	EUR	4,8500	5,3400	4,8500								
Warrant	NL0010586822	UNILV19.99SPLOPENG	EUR	25,8100	26,3000	25,8100								
Warrant	NL0010586814	UNILV21.39SPLOPENG	EUR	24,4100	24,9000	24,4100								
Warrant	NL0010586806	UNILV22.86SPLOPENG	EUR	22,9400	23,4300	22,9400								
Warrant	NL0010688701	UNILV24.31SPLOPENG	EUR	21,4900	21,9800	21,4900								
Warrant	NL0010941019	UNILV25.81SPLOPENG	EUR	19,9900	20,4800	19,9900								
Warrant	NL0010959458	UNILV27.36SPLOPENG	EUR	18,4400	18,9300	18,4400								
Warrant	NL0011013222	UNILV28.99SPLOPENG	EUR	16,8100	17,3000	16,8100								
Warrant	NL0011363155	UNILV30.67SPLOPENG	EUR	15,1300	15,6200	15,1300								
Warrant	NL0011373253	UNILV32.42SPLOPENG	EUR	13,3800	13,8700	13,3800								
Warrant	NL0011475868	UNILV34.26SPLOPENG	EUR	11,5100	12,0000	11,5100								
Warrant	NL0012066187	UNILV38.03SPLOPENG	EUR	7,7800	8,2700	7,7800								
Warrant	NL0012066294	UNILV40.05SPLOPENG	EUR	5,7600	6,2500	5,7600								
Warrant	NL0012480990	UNILV44.25SPLOPENG	EUR	1,5600	2,1100	1,4000	819,3000	5	2,0500	505				
Warrant	NL0012822662	UNILV46.48SPLOPENG	EUR											
Warrant	NL0012832091	UNILV48.89SPLOPENG	EUR	3,4500	3,4500	2,9500	411,2500	1	2,9500	125				
Warrant	NL0012463939	UNILV52.58SPLOPENG	EUR	7,1400	7,1400	6,6500								
Warrant	NL0012073654	UNILV56.67SPLOPENG	EUR	11,2300	11,2300	10,7300								
Warrant	NL0009371061	URW 71SPLOPENG	EUR	9,6300	9,6300	9,5400								
Warrant	NL0010085676	URW 99SPLOPENG	EUR	7,0200	7,0200	6,9300								
Warrant	NL0010201430	URW 107SPLOPENG	EUR	6,3000	6,3900	6,2000	4551,3000	2	6,2000	721				
Warrant	NL0010203287	URW 115SPLOPENG	EUR	5,5400	5,5400	5,4500								
Warrant	NL0010211801	URW 127SPLOPENG	EUR	4,4400	4,4400	4,3500								
Warrant	NL0010537759	URW 139SPLOPENG	EUR	3,3100	3,3100	3,2200								
Warrant	NL0010688149	URW 152SPLOPENG	EUR	2,1000	2,1000	2,0100								
Warrant	NL0010940763	URW 165SPLOPENG	EUR											
Warrant	NL0012479000	URW 177SPLOPENG	EUR											
Warrant	NL0012829410	URW 182SPLOPENG	EUR	3,5700	3,6500	3,5700								
Warrant	NL0012474738	URW 200SPLOPENG	EUR	5,5200	5,6000	5,5200								
Warrant	NL0011011986	URW 221SPLOPENG	EUR	7,7600	7,8500	7,7600								
Warrant	NL0011019476	URW 244SPLOPENG	EUR	10,2600	10,3400	10,2600								
Warrant	NL0012472385	URW 196.SPSOPENG	EUR	3,6000	3,6800	3,6000								
Warrant	NL0012832703	URW 136.5SPLOPENG	EUR	2,7000	2,7000	2,6100								
Warrant	NL0012831796	URW 143.6SPLOPENG	EUR	1,9800	1,9800	1,8900								
Warrant	NL0012472856	URW 151.2SPLOPENG	EUR	1,2300	1,2300	1,1400								
Warrant	NL0012472112	URW 159.6SPLOPENG	EUR											
Warrant	NL0011858964	URW 168.4SPLOPENG	EUR											
Warrant	NL0012832711	URW 169.5SPLOPENG	EUR	0,9500	1,0300	0,9500								
Warrant	NL0012828776	URW 172.2SPLOPENG	EUR											
Warrant	NL0012478838	URW 176.8SPLOPENG	EUR											
Warrant	NL0012480305	URW 181.5SPLOPENG	EUR											
Warrant	NL0012829121	URW 182.3SPLOPENG	EUR	2,2200	2,3000	2,2200								
Warrant	NL0012075345	URW 211.5SPLOPENG	EUR	5,1500	5,2300	5,1500								
Warrant	NL0011852751	URW 228.3SPLOPENG	EUR	6,8200	6,9000	6,8200								
Warrant	NL0009619311	USJPY 79SPLOPENG	EUR	27,7200	27,7200	27,7200								
Warrant	NL0010344859	USJPY 93SPLOPENG	EUR	16,7900	16,7900	16,7900								
Warrant	NL0010347019	USJPY 97SPLOPENG	EUR	14,0200	14,0200	14,0200								
Warrant	NL0010352191	USJPY 98SPLOPENG	EUR	12,5500	12,5500	12,5500								
Warrant	NL0010465241	USJPY 100SPLOPENG	EUR	11,0600	11,0600	11,0600								
Warrant	NL0011856836	USJPY 102SPLOPENG	EUR	9,5300	9,5300	9,5300								
Warrant	NL0011860002	USJPY 104SPLOPENG	EUR	7,9900	7,9900	7,9900								
Warrant	NL0012480503	USJPY 107SPLOPENG	EUR	6,4000	6,4000	6,4000								
Warrant	NL0012823405	USJPY 109SPLOPENG	EUR	4,7800	4,7800	4,7800								
Warrant	NL0012831812	USJPY 111SPLOPENG	EUR	3,1300	3,1300	3,1300								
Warrant	NL0011361365	USJPY 113SPLOPENG	EUR											
Warrant	NL0010953097	USJPY 115SPLOPENG	EUR	4,4800	4,4800	4,4800								
Warrant	NL0011203930	USJPY 118SPLOPENG	EUR	6,3100	6,3100	6,3100								
Warrant	NL0011289335	USJPY 120SPLOPENG	EUR	8,1800	8,1800	8,1800								
Warrant	NL0011290101	USJPY 122SPLOPENG	EUR	10,0800	10,0800	10,0800								
Warrant	NL0010535878	VIVEN 11SPLOPENG	EUR	11,8100	11,8100	11,8000								
Warrant	NL0010464111	VIVEN 7.9SPLOPENG	EUR	14,6300	14,6300	14,6200								
Warrant	NL0010537791	VIVEN 12.1SPLOPENG	EUR	10,7300	10,7300	10,7200								
Warrant	NL0010594834	VIVEN 13.7SPLOPENG	EUR	9,2300	9,2300	9,2200								
Warrant	NL0012074231	VIVEN 17.9SPLOPENG	EUR	5,3400	5,3400	5,3300								
Warrant	NL0012080899	VIVEN 19.6SPLOPENG	EUR	3,8000	3,8000	3,7900								
Warrant	NL0012828230	VIVEN 21.3SPLOPENG	EUR	2,1500	2,1500	2,1400								
Warrant	NL0009368935	VODAF 64SPLOPENG	EUR	1,0700	1,0700	1,0500								
Warrant	NL0009371079	VODAF 77SPLOPENG	EUR	0,9700	0,9700	0,9400								
Warrant	NL0009373513	VODAF 106SPLOPENG	EUR	0,6600	0,6600	0,6400								
Warrant	NL0010526604	VODAF 122SPLOPENG	EUR	0,4900	0,4900	0,4700								



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0010526596	VODAF 130SPLOPENG	EUR	0,4100	0,4100	0,3800			0,3800					
Warrant	NL0012829907	VOPAK 41SPLOPENG	EUR											
Warrant	NL0009239672	VOPAK 16.5SPLOPENG	EUR	25,9800	26,0500	25,9800				26,0500				
Warrant	NL0009367036	VOPAK 24.3SPLOPENG	EUR	18,7400	18,8100	18,7400				18,8100				
Warrant	NL0009766625	VOPAK 26.6SPLOPENG	EUR	16,5200	16,5900	16,5200				16,5900				
Warrant	NL0009875855	VOPAK 29.2SPLOPENG	EUR	14,1300	14,2000	14,1300				14,2000				
Warrant	NL0010813366	VOPAK 31.6SPLOPENG	EUR	11,9300	12,0000	11,9300				12,0000				
Warrant	NL0012474761	VOPAK 34.5SPLOPENG	EUR	9,1900	9,2600	9,1900				9,2600				
Warrant	NL0012819395	VOPAK 37.6SPLOPENG	EUR	6,3000	6,3700	6,3000				6,3700				
Warrant	NL0012073431	VOPAK 43.3SPSOPENG	EUR											
Warrant	NL0010967295	VOPAK 48.6SPSOPENG	EUR	11,4400	11,4400	11,3400				11,3400				
Warrant	NL0011010194	VOPAK 53.3SPSOPENG	EUR	16,5200	16,5200	16,4200				16,4200				
Warrant	NL0011374459	VOW 69SPLOPENG	EUR	8,3600	8,3600	8,2500				8,2500				
Warrant	NL0011373980	VOW 74SPLOPENG	EUR	7,8500	7,8500	7,7400				7,7400				
Warrant	NL0011371745	VOW 80SPLOPENG	EUR	7,3100	7,3100	7,2000				7,2000				
Warrant	NL0011474168	VOW 86SPLOPENG	EUR	6,7500	6,7500	6,6400				6,6400				
Warrant	NL0011619788	VOW 92SPLOPENG	EUR	6,1600	6,1600	6,0500				6,0500				
Warrant	NL0011622949	VOW 99SPLOPENG	EUR	5,5200	5,5200	5,4100				5,4100				
Warrant	NL0011848692	VOW 107SPLOPENG	EUR	4,8300	4,8300	4,7200				4,7200				
Warrant	NL0011861950	VOW 114SPLOPENG	EUR	4,1000	4,1000	3,9900				3,9900				
Warrant	NL0012062459	VOW 123SPLOPENG	EUR	3,3200	3,3200	3,2100				3,2100				
Warrant	NL0012463368	VOW 132SPLOPENG	EUR	2,5100	2,5100	2,4000				2,4000				
Warrant	NL0012823082	VOW 140SPLOPENG	EUR											
Warrant	NL0012831697	VOW 141SPLOPENG	EUR											
Warrant	NL0012832752	VOW 141SPLOPENG	EUR	1,6600	1,6600	1,5500				1,5500				
Warrant	NL0012824999	VOW 167SPSOPENG	EUR	3,4000	3,5000	3,4000				3,5000				
Warrant	NL0012476766	VOW 183SPSOPENG	EUR	5,1800	5,2900	5,1800				5,2900				
Warrant	NL0011195508	VOW 222SPSOPENG	EUR	9,3600	9,4600	9,3600				9,4600				
Warrant	NL0012473151	WEREL 27SPLOPENG	EUR	6,3300	6,5000	5,8700	1300,0000	1	5,8700	200				
Warrant	NL0012479026	WEREL 29SPLOPENG	EUR	4,4700	4,4700	4,0100				4,0100				
Warrant	NL0012073399	WEREL 45SPSOPENG	EUR	17,3400	17,7600	17,3400				17,7600				
Warrant	NL0009885466	WEREL 6.6SPLOPENG	EUR	25,5100	25,5100	25,0500				25,0500				
Warrant	NL0009878255	WEREL 12.9SPLOPENG	EUR	19,7500	19,7500	19,2900				19,2900				
Warrant	NL0010343414	WEREL 21.3SPLOPENG	EUR	12,0300	12,0300	11,6200	96,2400	1	11,6200	8				
Warrant	NL0010468211	WEREL 25.8SPLOPENG	EUR	8,0600	8,0600	7,6000				7,6000				
Warrant	NL0012824494	WEREL 31.1SPLOPENG	EUR											
Warrant	NL0012474746	WEREL 33.5SPSOPENG	EUR	4,9600	5,3800	4,9600				5,3800				
Warrant	NL0012469654	WEREL 40.7SPSOPENG	EUR	12,7700	13,1900	12,7700				13,1900				
Warrant	NL0012822324	WOLTE 44SPLOPENG	EUR	7,5000	7,5000	7,3400				7,3400				
Warrant	NL0010352787	WOLTE 11.4SPLOPENG	EUR	41,0500	41,0500	40,8900				40,8900				
Warrant	NL0010951141	WOLTE 20.2SPLOPENG	EUR	33,0500	33,0500	32,8900				32,8900				
Warrant	NL0010962593	WOLTE 21.8SPLOPENG	EUR	31,5400	31,5400	31,3800				31,3800				
Warrant	NL0011475389	WOLTE 25.5SPLOPENG	EUR	28,2100	28,2100	28,0500				28,0500				
Warrant	NL0011622915	WOLTE 29.6SPLOPENG	EUR	24,4700	24,4700	24,3100				24,3100				
Warrant	NL0012064604	WOLTE 31.8SPLOPENG	EUR	22,4500	22,4500	22,2900				22,2900				
Warrant	NL0012066278	WOLTE 34.2SPLOPENG	EUR	20,3000	20,3000	20,1400				20,1400				
Warrant	NL0012474753	WOLTE 36.7SPLOPENG	EUR	18,0500	18,0500	17,8900				17,8900				
Warrant	NL0012822340	WOLTE 38.1SPLOPENG	EUR	13,4900	13,4900	13,3300				13,3300				
Warrant	NL0012476741	WOLTE 39.3SPLOPENG	EUR	15,6400	15,6400	15,4800				15,4800				
Warrant	NL0012822332	WOLTE 40.9SPLOPENG	EUR	10,6000	10,6000	10,4400				10,4400				
Warrant	NL0012480784	WOLTE 42.1SPLOPENG	EUR	13,1100	13,1100	12,9500				12,9500				
Warrant	NL0012823017	WOLTE 45.1SPLOPENG	EUR	10,4100	10,4100	10,2500				10,2500				
Warrant	NL0012823314	WOLTE 47.2SPLOPENG	EUR	4,3200	4,3200	4,1600				4,1600				
Warrant	NL0012825236	WOLTE 48.2SPLOPENG	EUR	7,5200	7,5200	7,3600				7,3600				
Warrant	NL0012826317	WOLTE 50.6SPLOPENG	EUR											
Warrant	NL0012827232	WOLTE 51.6SPLOPENG	EUR											
Warrant	NL0012822357	WOLTE 55.5SPSOPENG	EUR	4,4800	4,6200	4,4800				4,6200				
Warrant	NL0012826325	WOLTE 60.5SPSOPENG	EUR	9,4200	9,5600	9,4200				9,5600				
Warrant	NL0010821419	ZALG 16.7SPLOPENG	EUR	19,5900	19,5900	19,4700				19,4700				
Warrant	NL0010821401	ZALG 17.9SPLOPENG	EUR	18,5500	18,5500	18,4300				18,4300				
Warrant	NL0010952032	ZALG 21.9SPLOPENG	EUR	14,9700	14,9700	14,8500				14,8500				