ING Bank N.V. Legal entity identifier (LEI): 3TK20IVIUJ8J3ZU0QE75 Issue of

Series number of the Certificates	WKN Code	ISIN Code	Number of Certificates being issued	Title
200,861	NG5F21	DE000NG5F212	250,000	ING Long Commodity Open End Turbo Certificate
200,862	NG5F22	DE000NG5F220	250,000	ING Long Commodity Open End Turbo Certificate
200,863	NG5F23	DE000NG5F238	250,000	ING Long Commodity Open End Turbo Certificate
200,864	NG5F24	DE000NG5F246	250,000	ING Long Commodity Open End Turbo Certificate
200,865	NG5F25	DE000NG5F253	250,000	ING Long Commodity Open End Turbo Certificate
200,866	NG5F26	DE000NG5F261	250,000	ING Long Commodity Open End Turbo Certificate
200,867	NG5F27	DE000NG5F279	250,000	ING Long Commodity Open End Turbo Certificate
200,868	NG5F28	DE000NG5F287	250,000	ING Long Commodity Open End Turbo Certificate
200,869	NG5F29	DE000NG5F295	250,000	ING Long Commodity Open End Turbo Certificate
200,870	NG5F3A	DE000NG5F3A8	250,000	ING Long Commodity Open End Turbo Certificate
200,871	NG5F3B	DE000NG5F3B6	250,000	ING Long Commodity Open End Turbo Certificate
200,872	NG5F3C	DE000NG5F3C4	250,000	ING Long Commodity Open End Turbo Certificate
200,873	NG5F3D	DE000NG5F3D2	250,000	ING Long Commodity Open End Turbo Certificate
200,874	NG5F3E	DE000NG5F3E0	250,000	ING Long Commodity Open End Turbo Certificate
200,875	NG5F3F	DE000NG5F3F7	250,000	ING Long Commodity Open End Turbo Certificate
200,876	NG5F3G	DE000NG5F3G5	250,000	ING Long Commodity Open End Turbo Certificate
200,877	NG5F3H	DE000NG5F3H3	500,000	ING Long Commodity Open End Turbo Certificate
200,878	NG5F3J	DE000NG5F3J9	500,000	ING Long Commodity Open End Turbo Certificate
200,879	NG5F3K	DE000NG5F3K7	500,000	ING Long Commodity Open End Turbo Certificate
200,880	NG5F3L	DE000NG5F3L5	500,000	ING Long Commodity Open End Turbo Certificate
200,881	NG5F3M	DE000NG5F3M3	500,000	ING Long Commodity Open End Turbo Certificate
200,882	NG5F3N	DE000NG5F3N1	500,000	ING Long Commodity Open End Turbo Certificate
200,883	NG5F3P	DE000NG5F3P6	500,000	ING Long Commodity Open End Turbo

				Certificate
200,884	NG5F3Q	DE000NG5F3Q4	500,000	ING Long Commodity Open End Turbo
				Certificate
200,885	NG5F3R	DE000NG5F3R2	500,000	ING Long Commodity Open End Turbo
				Certificate
200,886	NG5F3S	DE000NG5F3S0	1,000,000	ING Long Commodity Open End Turbo
				Certificate
200,887	NG5F3T	DE000NG5F3T8	1,000,000	ING Long Commodity Open End Turbo
				Certificate
200,888	NG5F3U	DE000NG5F3U6	1,000,000	ING Long Commodity Open End Turbo
				Certificate
200,889	NG5F3V	DE000NG5F3V4	250,000	ING Long Commodity Open End Turbo
				Certificate
200,890	NG5F3W	DE000NG5F3W2	250,000	ING Long Commodity Open End Turbo
				Certificate
200,891	NG5F3X	DE000NG5F3X0	250,000	ING Long Commodity Open End Turbo
				Certificate
200,892	NG5F3Y	DE000NG5F3Y8	250,000	ING Long Commodity Open End Turbo
				Certificate
200,893	NG5F3Z	DE000NG5F3Z5	250,000	ING Long Commodity Open End Turbo
				Certificate
200,894	NG5F30	DE000NG5F303	250,000	ING Long Commodity Open End Turbo
				Certificate
200,895	NG5F31	DE000NG5F311	250,000	ING Long Commodity Open End Turbo
				Certificate
200,896	NG5F32	DE000NG5F329	250,000	ING Long Commodity Open End Turbo
				Certificate
200,897	NG5F33	DE000NG5F337	250,000	ING Long Commodity Open End Turbo
				Certificate
200,898	NG5F34	DE000NG5F345	250,000	ING Long Commodity Open End Turbo
				Certificate
200,899	NG5F35	DE000NG5F352	250,000	ING Long Commodity Open End Turbo
				Certificate
200,900	NG5F36	DE000NG5F360	250,000	ING Long Commodity Open End Turbo
				Certificate
200,901	NG5F37	DE000NG5F378	250,000	ING Long Commodity Open End Turbo
				Certificate
200,902	NG5F38	DE000NG5F386	250,000	ING Long Commodity Open End Turbo
				Certificate
200,903	NG5F39	DE000NG5F394	250,000	ING Long Commodity Open End Turbo
				Certificate
200,904	NG5F4A	DE000NG5F4A6	250,000	ING Long Commodity Open End Turbo
				Certificate
200,905	NG5F4B	DE000NG5F4B4	250,000	ING Long Commodity Open End Turbo
ŕ				Certificate
200,906	NG5F4C	DE000NG5F4C2	250,000	ING Long Commodity Open End Turbo
,			ĺ	Certificate
200,907	NG5F4D	DE000NG5F4D0	250,000	ING Long Commodity Open End Turbo
,				Certificate
200,908	NG5F4E	DE000NG5F4E8	250,000	ING Long Commodity Open End Turbo
				Certificate
200,909	NG5F4F	DE000NG5F4F5	250,000	ING Long Commodity Open End Turbo
,				Certificate Certificate
200,910	NG5F4G	DE000NG5F4G3	250,000	ING Long Commodity Open End Turbo
,	1		1	Certificate Commodity open End Furo

under the Certificates Programme

Any person making or intending to make an offer of the Certificates may only do so:

- (i) in those Non-exempt Offer Jurisdictions mentioned in the Paragraph Distribution of Part B below, provided such person is a Dealer or Authorised Offeror (as such terms is defined in the Prospectus) and that such offer is made during the Offer Period specified in that paragraph and that any conditions relevant the use of the Prospectus are complied with; or
- (ii) otherwise in circumstances in which no obligation arises for the Issuer or any Dealer to publish a prospectus pursuant to Article 3 of Regulation (EU) 2017/1129 (the "Prospectus Regulation") or to supplement a prospectus pursuant to Article 23 of the Prospectus Regulation, in each case, in relation to such offer.

Neither the Issuer nor any Dealer has authorised, nor do they authorise, the making of any offer of Certificates in any other circumstances.

MiFID II product governance / Retail investors, professional investors and ECPs target market — Solely for the purposes of the manufacturer's product approval process, the target market assessment in respect of the Certificates has led to the conclusion that: (i) the target market for the Certificates is eligible counterparties, professional clients and retail clients, each as defined in Directive 2014/65/EU (as amended, "MiFID II"); and (ii) all channels for distribution to eligible counterparties and professional clients are appropriate; and (iii) the following channels for distribution of the Certificates to retail clients are appropriate – investment advice, portfolio management, non-advised sales and pure execution services – subject to the distributor's suitability and appropriateness obligations under MiFID II, as applicable. Any person subsequently offering, selling or recommending the Certificates (a "distributor") should take into consideration the manufacturer's target market assessment; however, a distributor subject to MiFID II is responsible for undertaking its own target market assessment in respect of the Certificates (by either adopting or refining the manufacturer's suitability and appropriateness obligations under MiFID II, as applicable.

UK MIFIR product governance / Retail investors, professional investors and ECPs target market – Solely for the purposes of the manufacturer's product approval process, the target market assessment in respect of the Certificates has led to the conclusion that: (i) the target market for the Certificates is retail clients, as defined in point (8) of Article 2 of Regulation (EU) No 2017/565 as it forms part of UK domestic law by virtue of the European Union (Withdrawal) Act 2018 ("EUWA"), and eligible counterparties, as defined in the FCA Handbook Conduct of Business Sourcebook ("COBS") and professional clients, as defined in Regulation (EU) No 600/2014 as it forms part of UK domestic law by virtue of the EUWA ("UK MiFIR"); EITHER and (ii) all channels for distribution to eligible counterparties and professional clients are appropriate; and (iii) the following channels for distribution of the Certificates to retail clients are appropriate - investment advice, portfolio management, non-advised sales, and pure execution services, subject to the distributor's suitability and appropriateness obligations under COBS, as applicable. Any person subsequently offering, selling or recommending the Certifiates (a "distributor") should take into consideration the manufacturer's target market assessment; however, a distributor subject to the FCA Handbook Product Intervention and Product Governance Sourcebook (the "UK MiFIR Product Governance Rules") is responsible for undertaking its own target market assessment in respect of the Certificates (by either adopting or refining the manufacturer's target market assessment) and determining appropriate distribution channels, subject to the distributor's suitability and appropriateness obligations under COBS, as applicable.

PART A - CONTRACTUAL TERMS

These Final Terms have been prepared for the purpose of Article 8 of Regulation (EU) 2017/1129, as amended, and must be read in conjunction with the base prospectus consisting of separate documents (i.e. (i) the securities note dated 25 March 2022 and its supplement(s) (if any) (the "Securities Note") and (ii) the registration document of ING Bank N.V. (the "Issuer") dated 25 March 2022, and its supplement(s) (if any)) (the "Registration Document" and together with the Securities Note, the "Prospectus")) pertaining to the Issuer's Certificates Programme. Terms used herein shall be deemed to be defined as such for the purposes of the conditions set forth in the General Certificate Conditions and the relevant Product Conditions contained in the Prospectus which constitutes a base prospectus for the purposes of Regulation (EU) 2017/1129, as amended or superseded (the "Prospectus Regulation"). Full information on the Issuer and the offer of the Certificates is only available on the basis of the Prospectus, any supplements thereto and these Final Terms. The Prospectus and any supplements thereto are available for viewing at the Issuer's website (www.ingmarkets.com) and copies may be obtained from ING Bank N.V at Foppingadreef 7, 1102 BD Amsterdam, the Netherlands (E-mail: info@sprinters.nl) and are available for viewing on the websites www.ingmarkets.de, www.ingsprinters.nl and www.ingturbos.fr.

Prospective investors should carefully consider the section "Risk Factors" in the Prospectus.

GENERAL DESCRIPTION OF THE CERTIFICATES

1	(a) Series number of the Certificates:	As specified in the table below
	(b) Whether or not the Certificates are to be consolidated and form a single series with the Certificates of an existing series:	Not Applicable
2	(a) The type of Certificates which may be Index Certificates, Share Certificates, Currency Certificates, Commodity Certificates, Fund Certificates, Government Bond Certificates or Index Futures Certificates:	
	(b) Whether such Certificates are Best Certificates, Limited Certificates, Open Ended Certificates or Fixed Leverage.	Best Certificates (Marketing name: Open End Turbo, Sprinter Best or Turbo Best)
	(c) Whether such Certificates are Long Certificates or Short Certificates:	Long Certificates
3	Number of Certificates being issued:	As specified in the table below
4	Issue Price per Certificate:	As specified in the table below
5	Trade Date:	13 May 2022
6	Issue Date:	17 May 2022
7	"as-if-and-when-issued" trading:	Not Applicable
8	Current Financing Level on the Trade Date:	As specified in the table below
9	Current Spread on the Trade Date:	As specified in the table below
10	Maximum Spread:	As specified in the table below
11	Current Stop Loss Premium Rate on the Trade Date:	As specified in the table below
12	Maximum Premium:	As specified in the table below
13	Minimum Premium:	As specified in the table below
14	Stop Loss Price on the Trade Date:	As specified in the table below

15	Stop Loss Price Rounding:	As specified in the table below
16	Entitlement:	As specified in the table below
17	Financing Level Currency:	As specified in the table below
18	Settlement Currency:	EUR
19	Exercise Time:	12:00 AM Central European Time
20	Cash Settlement Amount:	As specified in the Commodity Certificate Conditions
21	Final Valuation Date:	Not Applicable
22	Valuation Date(s):	Annually, commencing on the date one year after the Issue Date.
23	Applicable Business Day Centre(s) for the purposes of the definition of "Business Day"	Amsterdam

Series Numb er of the Certifi cates	ISIN Code	Number of Certificate s being issued	Issue price per Certifi cate	Current Financi ng Level on the Trade Date	nt Sprea d on the Trade Date	Maxi mum Sprea d	Current Stop Loss Premiu m Rate on the Trade Date	Maxi mum Premi um	Minim um Premi um	Stop Loss Price on the Trade Date	Stop Loss Price Roun ding	Entit lem ent	Finan cing Level Curre ncy
200,86	DE000NG5 F212	250,000	0.49	105.560 000000 0	3.5	5.0	7.5	20.0	0.0	105.560 000000 0	0.01	1.0	USD
200,86	DE000NG5 F220	250,000	0.73	105.310 000000 0	3.5	5.0	7.5	20.0	0.0	105.310 000000 0	0.01	1.0	USD
200,86	DE000NG5 F238	250,000	0.97	105.060 000000 0	3.5	5.0	7.5	20.0	0.0	105.060 000000 0	0.01	1.0	USD
200,86	DE000NG5 F246	250,000	1.21	104.810 000000 0	3.5	5.0	7.5	20.0	0.0	104.810 000000 0	0.01	1.0	USD
200,86	DE000NG5 F253	250,000	1.45	104.560 000000 0	3.5	5.0	7.5	20.0	0.0	104.560 000000 0	0.01	1.0	USD
200,86	DE000NG5 F261	250,000	1.69	104.310 000000 0	3.5	5.0	7.5	20.0	0.0	104.310 000000 0	0.01	1.0	USD
200,86	DE000NG5	250,000	1.93	104.060	3.5	5.0	7.5	20.0	0.0	104.060	0.01	1.0	USD

7	F279			000000						000000			
200,86	DE000NG5 F287	250,000	2.17	0 103.810 000000 0	3.5	5.0	7.5	20.0	0.0	0 103.810 000000 0	0.01	1.0	USD
200,86	DE000NG5 F295	250,000	2.41	103.560 000000 0	3.5	5.0	7.5	20.0	0.0	103.560 000000 0	0.01	1.0	USD
200,87	DE000NG5 F3A8	250,000	2.65	103.310 000000 0	3.5	5.0	7.5	20.0	0.0	103.310 000000 0	0.01	1.0	USD
200,87	DE000NG5 F3B6	250,000	2.89	103.060 000000 0	3.5	5.0	7.5	20.0	0.0	103.060 000000 0	0.01	1.0	USD
200,87 2	DE000NG5 F3C4	250,000	3.13	102.810 000000 0	3.5	5.0	7.5	20.0	0.0	102.810 000000 0	0.01	1.0	USD
200,87	DE000NG5 F3D2	250,000	3.36	102.560 000000 0	3.5	5.0	7.5	20.0	0.0	102.560 000000 0	0.01	1.0	USD
200,87 4	DE000NG5 F3E0	250,000	3.6	102.310 000000 0	3.5	5.0	7.5	20.0	0.0	102.310 000000 0	0.01	1.0	USD
200,87	DE000NG5 F3F7	250,000	3.84	102.060 000000 0	3.5	5.0	7.5	20.0	0.0	102.060 000000 0	0.01	1.0	USD
200,87 6	DE000NG5 F3G5	250,000	4.08	101.810 000000 0	3.5	5.0	7.5	20.0	0.0	101.810 000000 0	0.01	1.0	USD
200,87 7	DE000NG5 F3H3	500,000	0.14	1845.12 000000 00	3.5	5.0	3.0	20.0	0.0	1845.12 000000 00	0.01	0.1	USD
200,87	DE000NG5 F3J9	500,000	0.28	1843.62 000000 00	3.5	5.0	3.0	20.0	0.0	1843.62 000000 00	0.01	0.1	USD
200,87 9	DE000NG5 F3K7	500,000	0.43	1842.12 000000 00	3.5	5.0	3.0	20.0	0.0	1842.12 000000 00	0.01	0.1	USD
200,88	DE000NG5 F3L5	500,000	0.57	1840.62 000000 00	3.5	5.0	3.0	20.0	0.0	1840.62 000000 00	0.01	0.1	USD
200,88	DE000NG5 F3M3	500,000	0.71	1839.12 000000 00	3.5	5.0	3.0	20.0	0.0	1839.12 000000 00	0.01	0.1	USD
200,88	DE000NG5 F3N1	500,000	0.86	1837.62 000000 00	3.5	5.0	3.0	20.0	0.0	1837.62 000000 00	0.01	0.1	USD
200,88	DE000NG5 F3P6	500,000	1.0	1836.12 000000 00	3.5	5.0	3.0	20.0	0.0	1836.12 000000 00	0.01	0.1	USD
200,88	DE000NG5 F3Q4	500,000	1.15	1834.62 000000 00	3.5	5.0	3.0	20.0	0.0	1834.62 000000 00	0.01	0.1	USD
200,88	DE000NG5 F3R2	500,000	1.29	1833.12 000000 00	3.5	5.0	3.0	20.0	0.0	1833.12 000000 00	0.01	0.1	USD
200,88 6	DE000NG5 F3S0	1,000,000	0.14	7.21200 00000	3.5	5.0	10.0	20.0	0.0	7.21200 00000	0.001	1.0	USD
200,88 7	DE000NG5 F3T8	1,000,000	0.24	7.11200 00000	3.5	5.0	10.0	20.0	0.0	7.11200 00000	0.001	1.0	USD

200,88	DE000NG5 F3U6	1,000,000	0.34	7.01200 00000	3.5	5.0	10.0	20.0	0.0	7.01200 00000	0.001	1.0	USD
200,88 9	DE000NG5 F3V4	250,000	0.35	102.290 000000 0	3.5	5.0	7.5	20.0	0.0	102.290 000000 0	0.01	1.0	USD
200,89	DE000NG5 F3W2	250,000	0.59	102.040 000000 0	3.5	5.0	7.5	20.0	0.0		0.01	1.0	USD
200,89	DE000NG5 F3X0	250,000	0.83	101.790 000000 0	3.5	5.0	7.5	20.0	0.0		0.01	1.0	USD
200,89	DE000NG5 F3Y8	250,000	1.07	101.540 000000 0	3.5	5.0	7.5	20.0	0.0		0.01	1.0	USD
200,89	DE000NG5 F3Z5	250,000	1.31	101.290 000000 0	3.5	5.0	7.5	20.0	0.0	+	0.01	1.0	USD
200,89	DE000NG5 F303	250,000	1.55	101.040 000000 0	3.5	5.0	7.5	20.0	0.0	+	0.01	1.0	USD
200,89	DE000NG5 F311	250,000	1.79	100.790 000000 0	3.5	5.0	7.5	20.0	0.0	+	0.01	1.0	USD
200,89	DE000NG5 F329	250,000	2.03	100.540 000000 0	3.5	5.0	7.5	20.0	0.0	+	0.01	1.0	USD
200,89 7	DE000NG5 F337	250,000	2.27	100.290 000000 0	3.5	5.0	7.5	20.0	0.0	+	0.01	1.0	USD
200,89	DE000NG5 F345	250,000	2.51	100.040 000000 0	3.5	5.0	7.5	20.0	0.0	+	0.01	1.0	USD
200,89	DE000NG5 F352	250,000	2.75	99.7900 000000	3.5	5.0	7.5	20.0	0.0	+	0.01	1.0	USD
200,90	DE000NG5 F360	250,000	2.99	99.5400 000000	3.5	5.0	7.5	20.0	0.0	+	0.01	1.0	USD
200,90	DE000NG5 F378	250,000	3.23	99.2900 000000	3.5	5.0	7.5	20.0	0.0	99.2900 000000	0.01	1.0	USD
200,90	DE000NG5 F386	250,000	3.47	99.0400 000000	3.5	5.0	7.5	20.0	0.0		0.01	1.0	USD
200,90	DE000NG5 F394	250,000	3.71	98.7900 000000	3.5	5.0	7.5	20.0	0.0		0.01	1.0	USD
200,90 4	DE000NG5 F4A6	250,000	3.95	98.5400 000000	3.5	5.0	7.5	20.0	0.0		0.01	1.0	USD
200,90	DE000NG5 F4B4	250,000	4.19	98.2900 000000	3.5	5.0	7.5	20.0	0.0	+	0.01	1.0	USD
200,90	DE000NG5 F4C2	250,000	4.43	98.0400 000000	3.5	5.0	7.5	20.0	0.0	+	0.01	1.0	USD
200,90	DE000NG5 F4D0	250,000	4.67	97.7900 000000	3.5	5.0	7.5	20.0	0.0		0.01	1.0	USD
200,90	DE000NG5 F4E8	250,000	4.91	97.5400 000000	3.5	5.0	7.5	20.0	0.0		0.01	1.0	USD
200,90	DE000NG5 F4F5	250,000	5.15	97.2900 000000	3.5	5.0	7.5	20.0	0.0	+ +	0.01	1.0	USD
200,91	DE000NG5 F4G3	250,000	5.39	97.0400 000000	3.5	5.0	7.5	20.0	0.0		0.01	1.0	USD

ADDITIONAL SPECIFIC PRODUCT RELATED PROVISIONS:

24	Index Certificate Provisions	Not Applicable	
0.5			
25	Share Certificate Provisions	Not Applicable	
26	Currency Certificate Provisions	Not Applicable	
	currency certificate 110visions	Tot/Ipplicatio	
27	Commodity Certificate Provisions	Applicable	

Series Numb er of the	ISIN Code	(i) Commodi ty	(ii) Commo dity Referen	(iii) Price Source/ Reference Dealers	(iv) Speci fied Price	(v) Delivery Dates	(vi) Rollover Date	(vii) Exchang e	(viii) Valuation Time
Certifi			ce Price	Dealers	Frice				
200,86	DE000N G5F212	Brent Crude Oil	-ICE	Initially Bloomberg code: CON2 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on Agent.	Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE Futures US Softs	The close of trading on the Exchange
200,86	DE000N G5F220	Brent Crude Oil	Oil-Brent -ICE	Bloomberg code: CON2 <cmdty> and after the first</cmdty>	The price	(i) First nearby month of expiratio	A date, as determined by the Calculation Agent, in the	ICE Futures US Softs	The close of trading on the Exchange
				Rollover Date the Bloomberg page referring to the relevant Futures		n or (ii) the month of expiratio	period commencing on the previous Rollover		

				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati			
							5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
			Oil-Brent		The	(i) First	A date, as	ICE	The close
3 G5	5F238 Cr	rude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
				code: CON2		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
200,86 DE	E000N Br	rent	Oil-Brent	Initially	The	(i) First	A date, as	ICE	The close
1 1	5F246 Cr		-ICE	Bloomberg	price	nearby	determined	Futures	of trading
				code: CON2	*	month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation	22 2016	Exchange
				after the first		expiratio	Agent, in the		Lachange
				Rollover Date		-	period		
				the Bloomberg		n or (ii)			
1 1				me Bioomberg		the	commencing		
				page referring		month	on the		

			1	C + :	1	1.1	D / / ·		
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes,	Rollover		
		1				S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						l			
						Agent.	Business		
							Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
200.96	DECOUNT	Dront	Oil-Brent	Initialla.	The	(i) Ein-t	Commodity.	ICE	The ele-
	DE000N	Brent				(i) First	A date, as		The close
5	G5F253	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
		1		code: CON2		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
				Contract.		the	the case of		
						highest	the first		
						volumes, a			
						1	Date the		
						S			
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
		1				on	Commodity		
		1				Agent.	Business		
						1	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
200.06	DEGGGS	l .	01.5	T '/' 11	TP1	(') E' :	Commodity.	LCE	TPI 1
200,86		Brent	Oil-Brent		The	(i) First	A date, as	ICE	The close
6	G5F261	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
		1		code: CON2		month	by the	US Softs	on the
		1		<cmdty> and</cmdty>		of	Calculation		Exchange
		1		after the first		expiratio	Agent, in the		
		1		Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
	L	L	L	1 utures		Сурнано	KOHOVEI		

				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati			
						1	5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
		<u> </u>					Commodity.		
200,86	DE000N	Brent	Oil-Brent		The	(i) First	A date, as	ICE	The close
7	G5F279	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
				code: CON2		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						Agent.	Days prior to		
							the last		
							trading date		
		l							
		l					of the		
		l					relevant		
		l					Futures		
		l					Contract of		
		l					the		
							Commodity.		
200,86	DE000N	Brent	Oil-Brent	Initially	The	(i) First	A date, as	ICE	The close
8	G5F287	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
]	051.701	Cruuc On	TOE	code: CON2	Pilot	month	by the	US Softs	on the
						of	Calculation	OS SOIIS	
				<cmdty> and</cmdty>					Exchange
		l		after the first		expiratio	Agent, in the		
		1		Rollover Date		n or (ii)	period .		
				the Bloomberg		the	commencing		
				page referring		month	on the		
		1		to the relevant		of	previous		
1	1	I	1	Futures	Ī	expiratio	Rollover	l	
		1		1 01001100		I - I			

200,86 DE000N Stent 9 Oil-Brent GSF295 Crude Oil Oil-Brent Futures Contract Futures Contract Oil-Brent Futures Contract Oil-Brent GSF295 Crude Oil Oil-Brent Futures Contract Oil-Brent Contract Oil-Brent Futures Contract Oil-Brent Oil-B										
200,86 GSF295 GSF295 GSF38 Brent Puttures Contract. Contract of the first volumes, a law is determined in the last trading date of the relevant futures Contract. Commodity.					Contract.		n with	Date (or in		
200,86 DH-000N Brent Crude Oil Crude Oil Features Contract Futures Futures Contract Futures							the	the case of		
Date the determine and ending not less than Calculating and ending not less than Susse Date, but least trading date of the captures with the least trading date of the least							highest	the first		
Section Sect							volumes, a	Rollover		
Section Sect							s	Date the		
200,86 DE000N Brent GSF295 Crude Oil -ICE Bloomberg code: CON2 Cmdly> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Commodity Commodity Commodity Commodity Commodity Commodity Calculation Commodity Com							determin			
DE000N DE000N Street Crude Oil -ICE Dispersion to the relevant Futures Commodity Dispersion to the last trading date of the relevant Futures Commodity Description of Calculation of										
200,86 DE000N Street Crude Oil - C										
DE000N DE000N Street Crude Oil Initially Oil Event Futures Commodity Com										
Secondary Seco							1			
200,86 DE000N Brent Oil-Brent Initially Office Calculation On the pervious Contract. On the first Contract of the last trading date of the relevant Contract of the last trading date of the relevant Contract of the last trading date of the relevant Contract of the last trading date of the relevant Contract of the last trading date of the relevant Contract of the last trading date of the relevant Contract of the last trading date of the relevant Contract of the last trading date of the relevant Contract of the last trading date of the last trading date of the relevant Contract of the last trading date of the relevant Contract of the last trading date of the last trading							1			
200,86 DE000N Brent Crude Oil Initially December Contract of the Commodity.							Agent.			
200,86 DE000N GSF295 Crude Oil -ICE Bloomberg code: CON2 < Comtract of the Calculation after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. The contract of the Calculation after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. The contract of the Calculation after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. The contract of the Calculation after the first volumes, a Rollover Date the Bloomberg page referring to the relevant Futures Calculation after the first volumes, a Rollover Date the Getermin the determine and ending not less than Calculati 5 on Commodity. Commodity Date the Getermine and ending not less than Calculati 5 on Commodity Days prior to the last trading date of the relevant Futures Contract of the Commodity Days prior to the last trading date of the relevant Putures Contract of the Rollover Date the Bloomberg page referring to the relevant Putures Contract of the Rollover Date the Bloomberg page referring to the relevant Putures Contract of the Rollover Date the Bloomberg page referring to the relevant Putures Contract of the Rollover Date the Bloomberg page referring to the relevant Putures Contract of the Rollover Date the Bloomberg page referring to the relevant Putures Contract of the Rollover Date the Bloomberg page referring to the relevant Putures Contract of the Rollover Date the Bloomberg page referring to the relevant Putures Contract of the Rollover Date the Bloomberg page referring to the Rollover Date the										
200,86 DE000N GSF295 Crude Oil -ICE Bloomberg code: CON2 Contract of the commencing on the Elevant Futures (Contract of the commencing on the case of the first volumes, at Rollover Date the Bloomberg of the GSF3A8 Crude Oil -ICE Bloomberg code: CON2 Contract of the commencing of the commencing of the commencing of the commencing on the case of the first volumes, at Rollover and calculating of the commencing on the case of the first volumes, at Rollover and calculating of the commencing on the case of the first volumes, at Rollover and calculating of the commencing on the case of the first volumes, at Rollover and calculating of the commencing on the case of the first volumes, at Rollover and calculating of the commencing of the commencing on the case of the first volumes, at Rollover and calculating of the commencing of the commencing on the case of the first volumes, at Rollover and calculating the first volumes, at Rollover and								the last		
200,86 DE000N Front Oil-Brent Robberg Commodity.								trading date		
200,86 DE000N GSF295 Crude Oil -ICE Bloomberg code: CON2 < CM2 < CM3 < CM2 < CM2 < CM3 < CM3 < CM2 < CM3 < C								of the		
200,86 DE000N GSF295 Crude Oil -ICE Bloomberg code: CON2 < CM2 < CM3 < CM2 < CM2 < CM3 < CM3 < CM2 < CM3 < C								relevant		
200,86 DE000N GF295 Crude Oil Initially Oil-Brent GF395 Crude Oil Oil - Dent Grading and after the first Rollover Date the Bloomberg page referring to the relevant Putures Contract. Oil-Brent Rollover Date the Bloomberg page referring to the relevant Putures Contract. Oil-Brent Rollover Date the Bloomberg page referring to the relevant Putures Contract. Oil-Brent Rollover Date the Issue										
200,86 DE000N Brent G5F295 Crude Oil For the G5F295 Crude Oi										
DE000N GF295 Crude Oil Decound GF295 Crude Oil Crude										
DEOON GSF295 Crude Oil Frent Rollover Date the Bloomberg page referring page referring to the relevant Futures Contract. Futures Contract. Futures Contract. Futures Contract Futures Futures Contract Futures Futures Contract Futures Contract Futures Contract Futures Contract Futures Contract Futures Contract Fut										
9 G5F295 Crude Oil ACE Bloomberg code: CON2 < Cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract. Pitures Contract of the determine on the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Date (or in the case of heighest volumes, a Rollover Date the determine of the first Rollover Date the determine on the calculation on tless than Calculation on the previous endering and ending not less than Calculation on the susu Dates of the last trading date of the Contract of the Commodity. DEFOUND TRANSPORT OF THE PRIVATE OF			<u> </u>			<u></u>				
Commodity Comm			1							I
A composition of the period commencing on the period commencing on the period of the case of the first relation to the relevant Futures Contract. Calculation after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Calculation after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract of the relevant Futures Contract of the relevant Futures Contract of the Rollover Date the Gormbord page referring to the relevant Futures Contract of the relevant Fut	9	G5F295	Crude Oil	-ICE		price				
after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Futures Contract. Contract. Agent, in the period commencing on the of previous (expiratio) and the first the first volumes, a commencing on the case of the first volumes, a commencing on the first the first volumes, a commencing on the case of the first volumes, a commencing on the case of the first volumes, a commencing on the case of the first volumes, a commencing on the case of the first volumes, a commencing on the case of the first volumes, a commencing on the case of the first volumes, a commencing on the case of the first volumes, a commencing on the case of the first volumes, a commencing on the case of the first volumes, a commencing on the case of									US Softs	on the
Rollover Date the Bloomberg page referring to the relevant Futures Contract.					<cmdty> and</cmdty>		of	Calculation		Exchange
the Bloomberg page referring to the relevant Futures Contract. The Bloomberg page referring to the relevant Futures Contract. The Bloomberg page referring to the relevant Futures Contract. The Bloomberg page referring to the relevant Futures Contract. The Commencing month on the case of the price commendity. The Commodity Agent. The Commencing month on the case of the first volumes, a Rollover Date the Issue Date) and ending not less than Calculati on Commodity. The Commodity Agent. The Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Calculation of Commodity. The Commodity Agent. The Commodity Agent in the period the commencing month on the case of this price commencing on the Exchange and the price commencing on the commencing on the commencing on the Exchange and the price commencing on the commencing on the commencing on the Exchange and the price commencing on the commencing on the commencing on the commencing on the Exchange and the price commencing on the commencing on the commencing on the Exchange and the price commencing on the commencing on the commencing on the Exchange and the price commencing on the commencing on the commencing on the Exchange and the price commencing on the commencing on the Exchange are the first to the price commencing on the commenci					after the first		expiratio	Agent, in the		
the Bloomberg page referring to the relevant Futures Contract. Contract					Rollover Date		n or (ii)	period		
page referring to the relevant Futures Contract. Possible					the Bloomberg		the	commencing		
to the relevant Futures Contract.							month			
Futures Contract. Futures Contract Futures Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. Futures Contract of the Contract of the Commodity. Futures Contract of the Contract On Contract of the Contract On Contract										
Contract. Contract. In with the the case of highest volumes, a Rollover subate the determined by and ending the calculation of the first volumes, a Rollover subate the determined by and ending the calculation of the relevant Futures Contract of the relevant Futures Calculation of Commodity. Date (or in the case of the first volumes, a Rollover subate the Bloomberg code: CON2 < Cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant of the commencing page referring to the relevant of the commencing page referring to the relevant of the commencing month on the previous										
DE000N G5F3A8 Crude Oil Compage referring to the relevant Rollover Control the last trading date of the result of case of the first Rollover Date the lass trading date of the relevant Futures Contract of the Commodity. Commodity Contract of the Commonth Contract of the Commonth Contract of the Commonth Contract of the Cont										
A contact of the relevant Crude Oil					Contract.					
A continue of the common com										
Date the Issue Date) and ending not less than Calculati S Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity Contract of the Commodity Signal Contract of the Commodity Contract of Contract of the Commodity Contract of Contract of Contract of the Commodity Contract of Contract										
Agent Brent Crude Oil First Crude Oil First Rollover Date the Bloomberg page referring to the Rollover Date the Bloomberg page referring page referring to the relevant to the month of the commencing page referring to the relevant to the rel										
Agent Brent Crude Oil First Rollover Date the Bloomberg page referring to the lest of the the Bloomberg page referring to the relevant to the relevant the Bloomberg page referring to the relevant to the relevant to the relevant the Bloomberg page referring to the relevant to the relevant to the relevant the Bloomberg page referring to the relevant to the sum of the previous the business Days prior to the last trading date of the relevant trading date of the relevant to the Bloomberg the business Days prior to the last trading date of the relevant to the Bloomberg the business Days prior to the last trading date of the relevant to the Bloomberg the business and the previous that the business and the previous that the business and the business and the previous the business and the bu										
the calculati 5 Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,87 DE000N G5F3A8 Crude Oil Comberg code: CON2 Comtract of the nearby Code: CON2 Commodity. The (i) First nearby determined by the commencing month of calculation expiration Agent, in the period the commencing month on the of commencing on the commencing on the previous										
Calculation Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity Commo										
Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity										
Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. DE000N G5F3A8 Crude Oil First Rollover Date the Bloomberg page referring to the relevant First Rollower Date the Bloomberg page referring to the relevant Foutures Commodity. The (i) First nearby month of Calculation Agent. Business Days prior to the last trading date of the relevant Futures Commodity. Commodity. The close of Calculation Agent, in the n or (ii) period the commencing month on the period the commencing month on the previous							1	-		
Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,87 DE000N G5F3A8 Crude Oil G5F3A8 Crude Oil Hord							on			
the last trading date of the relevant Futures Contract of the Commodity. DE000N G5F3A8 Crude Oil G5F3A8 Crude Oil Future State of the Price State of the State of the Commodity. DE000N G5F3A8 Crude Oil Future State of the State of the Price State of the State of the State of the Price State of the Stat							Agent.			
Lange Lang										
DE000N Brent Oil-Brent Initially The G5F3A8 Crude Oil Crude Oil Crude Oil Crude Oil Futures Commodity								the last		
Crude Oil Futures Contract of the Commodity. Crude Oil Futures Commodity Crude Oil Futures Oil-Brent Initially The price nearby determined Futures Of trading On the Calculation Calculation Exchange Exchange Commodity Calculation										
DE000N Brent Crude Oil -ICE Bloomberg code: CON2 Comty> and after the first Rollover Date the Bloomberg page referring to the relevant The contract of the Commodity. The close Commodity. The close Commodity The close The close Commodity The close The close Commodity The close Commodity The close The close The close Commodity The close The								of the		
Contract of the Commodity. Contract of the Commodity. Contract of the Commodity. Commodi								relevant		
200,87 DE000N Brent Oil-Brent Initially G5F3A8 Crude Oil -ICE Bloomberg code: CON2 Cmonth by the of Calculation after the first Rollover Date the Bloomberg page referring to the relevant of the commencing month on the of previous code: CON2 the commencing month on the c								Futures		
200,87 DE000N Brent Oil-Brent Initially G5F3A8 Crude Oil -ICE Bloomberg code: CON2 Cmonth by the of Calculation after the first Rollover Date the Bloomberg page referring to the relevant of the commencing month on the of previous code: CON2 the commencing month on the c								Contract of		
DE000N Brent Oil-Brent Initially The Oil-Brent Oil-B										
200,87 DE000N G5F3A8 Crude Oil G5F3A8 Cr										
O G5F3A8 Crude Oil -ICE Bloomberg code: CON2	200.87	DE000N	Brent	Oil-Brent	Initially	The	(i) Firet		ICF	The close
code: CON2 month by the Calculation Calculation Exchange <pre></pre>			1				3.7			
Cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant to the relevant Of Calculation Agent, in the period the commencing month on the previous	[GOFJA8	Crude Oil	-ICE		price				
after the first Rollover Date the Bloomberg page referring to the relevant Rollover Date of period the commencing month on the previous									US Softs	
Rollover Date the Bloomberg page referring to the relevant of previous nor (ii) period commencing month on the previous										Exchange
the Bloomberg page referring month on the to the relevant of previous							_			
page referring month on the to the relevant of previous										
to the relevant of previous										
Futures expiratio Rollover										
		Ī	I	Ī	Futures	I	Lexpiratio	l Rollover	I	1

Decount Part										
200,87 Crude Oil Different Plate Process of the Calculation of the referential to the first volumes, and ending not less than Calculation of the relevant Futures Contract of the Commodity. Crude Oil Commact.					Contract.		n with	Date (or in		
200,87 DF-000N Strent Crude Oil -ICE Bloomberg page referring to the relevant Futures Contract - Volumes, a Rollover bate the Monthery page referring to the relevant Futures - Volumes, a Rollover bate the Holomberg page referring to the relevant Futures - Volumes, a Rollover bate the Holomberg page referring to the relevant relevant Futures - Volumes, a Rollover bate the Holomberg page referring to the relevant relevant relevant futures - Volumes, a Rollover bate the Holomberg page referring to the relevant r							the	the case of		
200,87 DE000N State Crude Oil Oil-Brent Initially Commodity Ditures Contract of the last trading date of the relevant Futures Contract of the last trading date of the relevant Futures Contract of the last trading date of the relevant Futures Contract of the last trading date of the relevant Futures Contract of the relevant Futures Contract of the last trading date of the relevant Futures Contract of the releva							highest	the first		
DE000N True Crude Oil							volumes, a	Rollover		
200,87 GSF3B6 Crude Oil Front Initially Futures Rollover Date the Bloomberg page referring to the relevant Futures Contract of the the standing date of the relevant Futures Rollover Date the Bloomberg page referring to the relevant Futures Contract of the Rollover Date the Bloomberg page referring to the relevant Futures Contract. Futures Rollover Date the Bloomberg page referring to the relevant Futures Contract of the Rollover Date the Bloomberg page referring to the relevant Futures Rollover Date the Bloomberg page referring to the relevant Futures Rollover Date the Bloomberg page referring to the relevant Futures Rollover Date the Bloomberg page referring to the relevant Futures Rollover Date the Bloomberg code: CON2 code:							s	Date the		
200,87 GSF3B6 Crude Oil Front Initially Futures Rollover Date the Bloomberg page referring to the relevant Futures Contract of the the standing date of the relevant Futures Rollover Date the Bloomberg page referring to the relevant Futures Contract of the Rollover Date the Bloomberg page referring to the relevant Futures Contract. Futures Rollover Date the Bloomberg page referring to the relevant Futures Contract of the Rollover Date the Bloomberg page referring to the relevant Futures Rollover Date the Bloomberg page referring to the relevant Futures Rollover Date the Bloomberg page referring to the relevant Futures Rollover Date the Bloomberg page referring to the relevant Futures Rollover Date the Bloomberg code: CON2 code:							determin			
DE000N Brent Crude Oil -ICE Contract. Commodity Comm										
Section Sect										
DE000N DE000N Total Contract of the last trading date of the relevant Futures Contract of the Sollower Date the Bloomberg page referring to the relevant Futures Contract of the Calculation on the previous shows prior to the last trading date of the last trading date of the Commodity. CE Displays prior to the last trading date of the relevant Futures Contract of the Calculation on the previous shows play the last trading date of the last trading date of the commencing on the relevant Futures Contract. The Commodity of the priority of the first volumes, and ending and ending on the relevant Futures Contract of the first rading date of the relevant Futures Contract of the last trading date of the relevant Futures Contract of the first rading date of the relevant Futures Contract of the first rading date of the relevant Futures Contract of the first rading date of the relevant Futures Contract of the first rading date of the relevant Futures Contract of the										
DE000N DE000N Crude Oil Fert Dilater December Decemb							1			
Days prior to the last trading date of the relevant Futures Contract of the Calculation on the Pervious Rollover Date the Bloomberg page referring to the relevant Futures Contract. Section 1							1			
200,87 DE000N Brent Crude Oil Initially The growth of the last trading date of the relevant Futures Contract of the Commodity. CICE December Growth of after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Calculation on the previous Contract of the commencing on the case of the first volumes, and ending not less than 5 Calculation on the previous Commodity. CICE of trading on the case of the first volumes, and ending not less than 5 Calculation on with the case of the first volumes, and ending not less than 5 Calculation on the previous Commodity. CICE of trading on the period commencing on the case of the first volumes, and ending not less than 5 Calculation on the previous Commodity. CICE of trading on the previous Commodity. CICE of trading on the previous CICE of the first trading date of the previous CICE of the previous CICE of the previous CICE of the previous CICE of trading on the previous CICE of trading of							Agent.			
200,87 DE000N Trude Oil Fultres Contract of the relevant Fultres Contract of the Calculation Calculation Calculation Commodity Calculation Calcu								Days prior to		
200,87 DE000N Crude Oil -ICE Bloomberg code: CON2 < Company (Company) Comp								the last		
200,87 DE000N Crude Oil -ICE Bloomberg code: CON2 < Company (Company) Comp								trading date		
200,87 DE000N Crude Oil First First Commodity. Commodity Commo										
200,87 DE000N Crude Oil Crude Oil I-CE Bloomberg code: CON2 < Comty and after the first Rollover Date the Bloomberg of the first volumes, a grant of the last trading date of the Bloomberg and fer the first Rollover Date the Bloomberg of the Rollover Date the Bloomberg page referring to the relevant Pattures Contract. The close of trading on the Commodity. The commodity of Calculation after the first Rollover Date the Bloomberg page referring to the relevant Pattures Contract. The close of the first volumes, a so the commodity of the commodity of the first volumes, a so the price of the										
200,87 DE000N Crude Oil First Crude Oil First Rollover Date the Bloomberg page referring to the relevant Futures Contract. Commodity. Commendity. Crude Oil First Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract. Commodity Commencing on the expiration of the Galculation Calculation Calculation Calculation Commencing on the expiration on the previous Commodity Co										
200,87 DE000N GF3B6 Crude Oil 1 Crude Oil 2 Crude Oil 2 Crude Oil 3 Crude Oil 4 Crude Oil 5 Crude Oil 5 Crude Oil 5 Crude Oil 5 Crude Oil 6 Crude Oil 7 Crude Oil 8 Crude Oil										
DE000N Brent GF3B6 Crude Oil Brent GF3B6 Crude Oil										
DE000N GSF3B6 Crude Oil -ICE Bloomberg code: CON2 CCmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Futures Contract. Futures Contract Futures Contra										
SF3B6 Crude Oil Filter										
Code: CON2 Comdy2- and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Commodity Business Days prior to the last trading date of the last trading date of the Rollover Date the Bloomberg code: CON2 Comdy2- and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract of the Rollover Date the Bloomberg page referring to the refevant Rollover Date the Bloomberg page referring to the refevant to the relevant to the refevant the Bloomberg page referring to the refevant to the relevant to the refevant to	200,87	DE000N	Brent	Oil-Brent		The				I
Code: CON2 Comdy2- and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Commodity Business Days prior to the last trading date of the last trading date of the Rollover Date the Bloomberg code: CON2 Comdy2- and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract of the Rollover Date the Bloomberg page referring to the refevant Rollover Date the Bloomberg page referring to the refevant to the relevant to the refevant the Bloomberg page referring to the refevant to the relevant to the refevant to	1	G5F3B6	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Futures Contract. Futures Contract. Agent, in the period commencing on the of previous (and ending not less than Calculati on Agent.) Agent. Date (or in the first Rollover Date the first volumes, a Rollover S Date the determin ed by and ending not less than Calculati on Agent. Date (or in the case of the first volumes, a Rollover S Date the determin the last training date of the relevant Futures Contract of the Commodity. Date (or in the first Rollover S Date the determin the last training date of the relevant Futures Contract of the Commodity. Date (or in the first Rollover S Date the determin the last training date of the relevant Futures Contract of the Commodity. Date (or in the first Rollover S Date the determine do by the Of Calculation expiration on the commonth of Calculation expiration on the commencing on the Exchange of trading on the Exchange on the relevant of the commencing on the commencing on the Exchange of trading on the expiration on the of Calculation expiration on the of Commodity.					code: CON2		month	by the	US Softs	on the
after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Futures Contract. Agent, in the nor (ii) period commencing on the commencing on the first rollover now the first rollover s and ending not less than Calculati of the relevant Futures Commodity. Agent. Agent, in the nor (ii) period commencing on the case of the first volumes, a Rollover Date the first rollower some page referring to the relevant Futures Commodity. Agent. Agent, in the nor (ii) period commencing on the case of the first rollower some provious some pr					<cmdty> and</cmdty>		of	Calculation		Exchange
Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract. Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract. Contract. Contract. Rollover Date (or in the case of the first volumes, a Rollover Date the determin ed by and ending not less than Calculati on Calculati of the last trading date of the relevant Futures Commodity Agent. DEMOND GSF3C4 Crude Oil Crude Oil Agent. Dil-Brent Crude Oil Alce Bloomberg code: CON2 CCmdty>and after the first Rollover Date the determin the case of the first Rollover Date the first Rollover Date Rollower Date Rol							expiratio	Agent, in the		
the Bloomberg page referring to the relevant Futures Contract. the Bloomberg page referring to the relevant Futures Contract. Contract. the Bloomberg page referring to the relevant Futures Contract. the Commencing on the expiration on with the the determin led by and ending not less than Calculatin on Commodity. Agent. DE000N G5F3C4 DE000N G5F3C4 Crude Oil The Commencing on the commencing on the expiration on with the the determin led by and ending not less than Commodity. Commodity Business Days prior to the last trading date of the relevant Futures Contract of the commodity. Commodity C							_			
page referring to the relevant Futures Contract. Page referring to the relevant Futures Contract. Page referring to the relevant Futures Contract. Page referring to the relevant Futures Contract. Page referring to the relevant Futures Contract. Page referring to the relevant Futures Contract of the Reference Code: CON2 < CMdty> and after the first Rollover Date the Bloomberg page referring to to the relevant Futures Commencing on the previous Page referring to the relevant Futures Contract of the Commencing on the Rechange Page referring to the relevant Futures Contract of the Commencing on the Rechange Page referring to the relevant Futures Commencing on the Rechange Page referring to the relevant Page referring to the relevant										
to the relevant Futures Contract. Separation Previous Previ										
Futures Contract. Futures Contract Initially Futures Contract of the relevant Futures Commodity. Futures Commodity Futures Contract of the relevant Futures Contract of the relevant Futures Contract of the Calculation of Commodity. Futures Contract of the Calculation of Calculation expiratio Rollover Date the Girst Volumes, 4 Rollover Date the First Noluver Date the First Noluve										
Contract. Contract. In with the the case of highest volumes, a Rollover Sand ending the last trading date of the relevant Futures Contract of the relevant Futures										
Language										
A contact of the relevant Futures Contract of the Crude Oil Crude Oil					Contract.					
200,87 DE000N 2 G5F3C4 Crude Oil										
Section State St										
Agent Brent Crude Oil First Crude Oil First Rollover Date the Bloomberg page referring to the relevant to the first aging date of the relevant to the previous Issue Date) and ending not less than Calculatio and ending not less than Calculatio the commodity. Issue Date) and ending not less than Calculation the treatment to the stance of the previous Issue Date) and ending not less than Calculation the treatment to the sum of the previous Issue Date) and ending not less than Calculation the sum of the previous Issue Date) and ending not less than Calculation the treatment to the sum of the previous Issue Date) and ending not less than Calculation the treatment trading date of the relevant trading date of the relevant to the last trading date of the last							volumes, a			
Agent Brent Calculation Commodity Contract of the relevant Futures Calculation Futures Calculation Futures Calculation							S	Date the		
the calculati 5 Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,87 DE000N 2 G5F3C4 Crude Oil Crude Oil Agent Crude Oil Agent Crude Oil Agent Crude Oil Agent Rollover Date the Bloomberg page referring to the relevant of the Rollover Date the Bloomberg page referring to the relevant of the commencing on the commencing on the previous the color Commodity Commodity							determin	Issue Date)		
the not less than 5 Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,87 DE000N 2 G5F3C4 Crude Oil Crude Oil Agent Crude Oil Agent Rollover Date the Bloomberg code: CON2 Commodity. The (i) First nearby determined by the of Calculation expiration after the first Rollover Date the Bloomberg page referring to the relevant of the commencing month on the period the commencing on the previous							ed by	and ending		
Calculation							the			
Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity							Calculati			
Agent. Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. DE000N G5F3C4 Crude Oil Crude Oil Crude Oil Crude Oil Agent. Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. The price nearby determined by the US Softs Calculation Agent, in the Rollover Date the Bloomberg page referring to the relevant Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. Crude Oil Adet, as determined by the Calculation Agent, in the period the commencing on the Exchange The close of Calculation Agent, in the period the commencing on the Exchange							1	Commodity		
Days prior to the last trading date of the relevant Futures Contract of the Commodity. Days prior to the last trading date of the relevant Futures Contract of the Commodity. Days prior to the last trading date of the relevant Futures Contract of the Commodity. The price nearby determined by the US Softs Calculation expiratio of Calculation expiratio Agent, in the n or (ii) period the Bloomberg page referring to the relevant for the last trading date of the relevant Futures Contract of the Commodity. The close of trading on the expiratio on the period the commencing month on the previous							l			
the last trading date of the relevant Futures Contract of the Commodity. DE000N Brent G5F3C4 Crude Oil -ICE Bloomberg code: CON2 < Cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant of the commencing page referring to the relevant of the relevant of the relevant of the commencing month on the previous the commencing of taking trading date of the relevant							Agent.			
Commodity Comm										
Contract of the relevant Futures Contract of the										
Crude Oil Futures Contract of the Crude Oil Futures Contract of the Commodity. Crude Oil Futures Of trading Code: CON2 Comdty> and after the first Rollover Date the Bloomberg Commodity. Calculation Cal										
Contract of the Commodity. Secondary Secon										
Contract of the Commodity. Contract of the Commodity. Contract of the Commodity. Commodi										
200,87 DE000N G5F3C4 Crude Oil -ICE Bloomberg code: CON2 CCmdty> and after the first Rollover Date the Bloomberg page referring to the relevant to the relevant the Bloomberg to the commonth on the commonth of the com										
DE000N Brent Oil-Brent Initially The (i) First A date, as ICE The close										
200,87 DE000N G5F3C4 Crude Oil -ICE Bloomberg code: CON2 Cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant code: CON2 (i) First A date, as determined price nearby month by the Calculation expiratio Agent, in the nor (ii) period the commencing month on the of previous commencing to the relevant code: CON2 (ii) First A date, as determined by the code: CON2 (iii) First A date, as determined by the code: CON2 (iii) First A date, as determined by the code: CON2 (iv) First A date,								the		
200,87 DE000N G5F3C4 Crude Oil -ICE Bloomberg code: CON2 Cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant code: CON2 Oil -ICE Bloomberg page referring to the relevant code: CON2 (i) First A date, as determined price nearby determined by the Calculation expiratio Agent, in the nor (ii) period the commencing month on the of previous code: CON2 (ii) First A date, as determined by the code: CON2 (iii) First A date, as determined by the code: CON2 (iv) First A date, as determined								Commodity.		
2 G5F3C4 Crude Oil -ICE Bloomberg code: CON2	200,87	DE000N	Brent	Oil-Brent	Initially	The	(i) First		ICE	The close
code: CON2 month by the Calculation US Softs on the Exchange							3.7			
	1	051504	Cruuc On	TOE		Pilot				
after the first Rollover Date the Bloomberg page referring to the relevant Rollover Date of period the commencing month on the previous									OS SOIIS	
Rollover Date the Bloomberg the Bloomberg page referring month on the to the relevant of previous										Exchange
the Bloomberg the commencing page referring month on the to the relevant of previous							_			
page referring month on the to the relevant of previous										
to the relevant of previous										
Futures expiratio Rollover										
					I	Ī		LD - 11	ı	

				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati			
						1	5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
					_		Commodity.		
200,87	DE000N	Brent	Oil-Brent		The	(i) First	A date, as	ICE	The close
3	G5F3D2	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
				code: CON2		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
				Contract.		the	the case of		
						highest	the first		
						volumes, a			
						S Volumes, 8	Date the		
						determin			
							Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
200,87	DE000N	Brent	Oil-Brent	Initially	The	(i) First	A date, as	ICE	The close
4	G5F3E0	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
Ι΄.	051.31.0	Cruuc On	TOE	code: CON2	Pilot	month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation	OB BOILS	
				after the first					Exchange
						expiratio	Agent, in the		
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
1		1		to the relevant		of expiratio	previous Rollover		
				Futures					

				1 -	-				
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the			
							not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
200,87	DE000N	Brent	Oil-Brent	Initially	The	(i) First	A date, as	ICE	The close
							· · · · · · · · · · · · · · · · · · ·		
5	G5F3F7	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
		1		code: CON2		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures					
						expiratio	Rollover		
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
							the last		
		1					trading date		
		1					of the		
		1					relevant		
		1					Futures		
		1							
		1					Contract of		
		1					the		
		<u> </u>			<u> </u>		Commodity.		<u> </u>
200,87	DE000N	Brent	Oil-Brent	Initially	The	(i) First	A date, as	ICE	The close
6	G5F3G5	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
1	321 303		I LOL	code: CON2		month	by the	US Softs	on the
		1		<cmdty> and</cmdty>		of	Calculation	OS SOIIS	
		1							Exchange
		1		after the first		expiratio	Agent, in the		
		1		Rollover Date		n or (ii)	period		
		1		the Bloomberg		the	commencing		
		1		page referring		month	on the		
		1		to the relevant		of	previous		
		1		Futures		expiratio	Rollover		
L	!	L	<u> </u>	- 000.00	<u> </u>	- Pilatio		L	

			1	1 -					
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
200,87	DE000N	Gold	Gold-Spo		The	(i) First	A date, as	ICE	The close
7	G5F3H3		t	\$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg		month	by the	US Softs	on the
				code: XAU		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		
				,		n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
							Business		
						Agent.			
							Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
200,87	DE000N	Gold	Gold-Spo	GOLD SPOT	The	(i) First	A date, as	ICE	The close
8	G5F3J9	~~	t	\$/OZ	price	nearby	determined	Futures	of trading
ľ	351 337		•	(Bloomberg		month	by the	US Softs	on the
				code: XAU		of	Calculation	OS SOIIS	
									Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		
						n or (ii)	period .		
						the	commencing		
						month	on the		
						of	previous		
		<u> </u>				expiratio	Rollover		
				•				•	

Detection in the case of the first volumes, Rollover solumes, Ro										
Determined Det							n with	Date (or in		
DE000N GSF3K7 GSF3K7 GOId Spot The close of the case of the case of the case of the case of the first volumes, a gent and ending not less than the calculation of the case of the first volumes, a gent and ending not less than the case of the case of the case of the first volumes, a gent and ending not less than the case of the case of the case of the first volumes. Agent, in the last trading date of the case of the first volumes. Agent, in the last period commencing on the case of the first volumes. Agent, in the last period commencing of the case of the first volumes. Agent, in the last period commencing of the case of the first volumes. Agent, in the last period commencing of the case of the first volumes. Agent, in the last period commencing of the case of the first volumes. Agent, in the last period commencing of the case of the first volumes. Agent, in the last period commencing of the case of the first volumes. Agent, in the last part and ending the last period contract of the case of the first volumes. Agent, in the period contract of the case of the first volumes. Agent, in the period contract of the case of the first volumes. Agent, in the period contract of the case of the first volumes and ending the last trading date of the period contract of the case of the first volumes. Agent, in the period contract of the commencing on the period commencing on the period contract of the contract of t							the	the case of		
DE000N GSF3K7 GSF3K7 GOId Spot The close of the case of the case of the case of the case of the first volumes, a gent and ending not less than the calculation of the case of the first volumes, a gent and ending not less than the case of the case of the case of the first volumes, a gent and ending not less than the case of the case of the case of the first volumes. Agent, in the last trading date of the case of the first volumes. Agent, in the last period commencing on the case of the first volumes. Agent, in the last period commencing of the case of the first volumes. Agent, in the last period commencing of the case of the first volumes. Agent, in the last period commencing of the case of the first volumes. Agent, in the last period commencing of the case of the first volumes. Agent, in the last period commencing of the case of the first volumes. Agent, in the last period commencing of the case of the first volumes. Agent, in the last part and ending the last period contract of the case of the first volumes. Agent, in the period contract of the case of the first volumes. Agent, in the period contract of the case of the first volumes. Agent, in the period contract of the case of the first volumes and ending the last trading date of the period contract of the case of the first volumes. Agent, in the period contract of the commencing on the period commencing on the period contract of the contract of t							highest	the first		
Date the determine cd by the most part of the commencing on the case of the lighest volumes, a Rollover nor less than Calculation of the relevant exchange of the commencing on the case of the lighest volumes, a Rollover Date the lighest volumes, a Rollover Date the lightest volumes, a Rollover Date the lightest volumes, a Rollover Date the lightest volumes, a Rollover Date the last trading date of the commencing on the period on the period on the period of the relevant period of the relevant period of the lightest volumes, a Rollover Date the Rollover Date the lightest volumes, a Rollover Date the lightest volumes, a Rollover Date the Rollover Date the Rollover Date the lightest volumes, a Rollover Date the Rollo								Rollover		
Language										
DE000N GSF3LS Gold Gold-Spo Crncy>) GOLD SPOT t SOZ (Bloomberg code: XAU STREET Commodity Commodity Crncy>) GSF3LS Gold Gold-Spo GOLD SPOT t SOZ (Bloomberg code: XAU STREET Commodity Commo										
DE000N Gold Gold-Spo Crncy Description Signature Sig										
Zeologo Debound Carmer Calculati Some price of the last trading date of the relevant Calculation Carmedity Car										
200,87 DE000N GSF3K7 Gold Gold-Spo Turble Gold GSF3K7 Turble GSF3K7 Turble Gold GSF3K7 Turble GSF3K7 Turble GSF3K7 Turble GSF3K7 Turble Turble GSF3K7 Turble Turble GSF3K7 Turble										
DE000N Gold Spot Contract of the least trading date of the relevant futures (Contract of the least trading date of the relevant futures (Contract of the least trading date of the relevant futures (Contract of the least trading date of the relevant futures (Contract of the least trading date of the relevant futures (Contract of the least trading date of the relevant futures (Contract of the least trading date of the relevant futures of trading law in the least trading date of the relevant futures (Contract of the least trading date of the relevant futures of the least trading date of the relevant futures of the least trading date of the relevant futures (Bloomberg (Bloomberg (Code: XAU C'Crncy>)) The lost futures of trading late of the relevant futures futures of the relevant futures							Calculati	5		
DE000N Gold Spot Contract of the least trading date of the relevant futures (Contract of the least trading date of the relevant futures (Contract of the least trading date of the relevant futures (Contract of the least trading date of the relevant futures (Contract of the least trading date of the relevant futures (Contract of the least trading date of the relevant futures (Contract of the least trading date of the relevant futures of trading law in the least trading date of the relevant futures (Contract of the least trading date of the relevant futures of the least trading date of the relevant futures of the least trading date of the relevant futures (Bloomberg (Bloomberg (Code: XAU C'Crncy>)) The lost futures of trading late of the relevant futures futures of the relevant futures							on	Commodity		
DE000N Gold Gold-Spo GOLD SPOT Temperature Gold-Spo Gold Spogrey Gold Gold-Spogrey Gold										
200,87 DE000N Gold Gold-Spo (Bloomberg code: XAU Crncy>) The price provided in the case of the commencing on the provided in the case of the commencing on the provided in the case of the commencing on the case of the first volumes, a kellower solution on the provided in the case of the first volumes, a kellower solution on the provided in the case of the first volumes, a kellower and ending not less than 5 commodity. Commodity and ending not less than 5 commodity and ending not less than 5 commodity. Commodity and ending not less than 5 commodity and ending not less than 5 commodity. Commodity and ending not less than 5 commodity and ending not less than 5 commodity. Commodity and ending not less than 5 commodity. Commodity and ending not less than 5 co							Agent.			
DE000N Gold Gold-Spo GOLD SPOT The price month of month of the case of the first volumes, a solution of the case of										
200,87 DE000N Gold Gold-Spo Cmey>)										
200,87 DE000N Gold Gold-Spo The GSF3K7										
200,87 DE000N GSF3K7 GSF3K7 GSF3K7 DE000N 9 GSF3K7 GSF3K7 DE000N 9 GSF3K7 GS										
200,87 DE000N GSF3K7 GSF3K7 Gold Gold-Spo T t S/OZ GBloomberg code: XAU <crimey>) The period commencing month of month of previous expiration and ending not less than Salower price with the last trading date of the relevant Futures Commendity. GSF3L5 Gold Gold-Spo GOLD SPOT t S/OZ GBloomberg code: XAU CTmey>) The priod commencing month of previous expiration and ending not less than Salower Date the determine deby the Calculation Society and ending not less than Salower Date the last trading date of the relevant Futures Contract of the Commodity. GSF3L5 Gold Gold-Spo GOLD SPOT t S/OZ GBloomberg code: XAU CTmey>) The priod commencing month of previous Gold-Spo GOLD SPOT t GBloomberg code: XAU CTmey>) The priod commencing on the previous Gold-Spo GOLD SPOT t GBloomberg code: XAU CTmey>) The priod commencing on the previous Gold-Spo Go</crimey>								relevant		
200,87 DE000N GSF3K7 GSF3K7 Gold Gold-Spo T t S/OZ GBloomberg code: XAU <crimey>) The period commencing month of month of previous expiration and ending not less than Salower price with the last trading date of the relevant Futures Commendity. GSF3L5 Gold Gold-Spo GOLD SPOT t S/OZ GBloomberg code: XAU CTmey>) The priod commencing month of previous expiration and ending not less than Salower Date the determine deby the Calculation Society and ending not less than Salower Date the last trading date of the relevant Futures Contract of the Commodity. GSF3L5 Gold Gold-Spo GOLD SPOT t S/OZ GBloomberg code: XAU CTmey>) The priod commencing month of previous Gold-Spo GOLD SPOT t GBloomberg code: XAU CTmey>) The priod commencing on the previous Gold-Spo GOLD SPOT t GBloomberg code: XAU CTmey>) The priod commencing on the previous Gold-Spo Go</crimey>								Futures		
200,87 DE000N GSF3K7 DE000N DE000N DE000N GSF3L5 DE000N DE000N DE000N GSF3L5 DE000N D										
DE000N GSF3K7 DE000N GSF3K5 DE000N GSF3K5 DE000N GSF3K5 DE000N GSF3K5 DE000N GSF3L5 DE000N GSF3L										
DE000N GSF3K7 Gold Gold-Spo t S/OZ S/OZ S/OZ Bloomberg code: XAU <crney>) The price nearby month of expiration in the period commencing on the general experiod commencing on the expiration in the determine ed by the determine ed by the month of expiration in the case of the first volumes, a general experiod commencing on the expiration in the</crney>										
9 G5F3K7										
9 G5F3K7	200,87	DE000N	Gold	Gold-Spo	GOLD SPOT		(i) First	A date, as		
Calculation expiration on or (ii) the month of expiration on the period commencing on the month of expiration in with the highest volumes, at determine ded by the Calculation expiration on the case of the first volumes, at Rollover Date (or in the case of highest volumes, at Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the G5F31.5	9	G5F3K7		_		price	nearby	determined	Futures	of trading
Code: XAU Crncy>)						[_
Crncy>) expiratio n or (ii) period commencing month of the the state of the the state of the last trading date of the relevant Futures Contract of the come of the commodity.									C B Botts	
No ro (ii) period the commencing month of previous (a spiratio the previous (a spiratio the previous) (a spiratio the p										Exchange
the month of previous expiration in the the first volumes, a determin led by the Calculation on Commodity. 200,88 DE000N G5F3L5 DE000N G5F					<critcy>)</critcy>					
Month of expiration n with the the highest volumes, a determin ed by the Calculati on Commodity. Contract of the relevant Futures Contract of the relevant Futures Contract of the code: XAU < ⟨Crncy⟩⟩ The code: XAU < ⟨Crncy⟩⟩ The commonth on the of previous Commencing on the spring on the commencing on the case of the first volumes, a contract of the case of the first volumes, a contract of the case of the first case of the first on the case of the first o										
Calculation on the relevant Futures Contract of the relevant Futures Contract of the relevant Futures (Bloomberg code: XAU <-Crney>) Crney>) Crney>) Crney> Commodity (Rollover Date (or in the the case of the first volumes, a Rollover Date (or in the case of the first volumes, a Rollover Date (or in the case of the first volumes, a Rollover Date the lasse (Date) and ending not less than Calculation on tess than Calculation on tess than Calculation and the case of the first volumes, a Rollover Date (or in the first volumes, an							the			
Sexpiration Rollover Date (or in the case of highest volumes, a Rollover Date (or in the first volumes, a Rollover Date (be first volumes, a Rollover Date the first Rollover Date the first Rollover Date the lasu Date Date the Issue Date) and ending not less than Calculati Society Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity							month	on the		
Sexpiration Rollover Date (or in the case of highest volumes, a Rollover Date (or in the first volumes, a Rollover Date (be first volumes, a Rollover Date the first Rollover Date the first Rollover Date the lasu Date Date the Issue Date) and ending not less than Calculati Society Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity							of	previous		
Nwith the the case of highest the first volumes, a Rollover s Date the determin ed by and ending the not less than Calculati 5 on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.										
the highest volumes, a rolling the determin ed by and ending not less than Calculati on Commodity Agent. Belower Solver Date the lissue Date) and ending not less than Calculati on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. Adate, as determined by the of Calculation on the period commencing month on the period commencing month on the period commencing month on the previous										
A commodity Co										
A commodity Co										
Sold-Spo Gold-Spo Gold-Spo Gold-Spo Sold Sport Sold Sport Sp										
determin ed by the not less than Some Date and ending not less than Some Days prior to the last trading date of the relevant Futures Contract of the Commodity.							volumes, a	Rollover		
ded by the Calculati on Commodity Some Price Commodity Contract of the Commodity Commodity Contract of the Contract of							s	Date the		
ded by the Calculati on Commodity Some Price Commodity Contract of the Commodity Commodity Contract of the Contract of							determin	Issue Date)		
the calculati on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. Commodity Agent. Business Days prior to the last Contract of the relevant Futures Contract of the Commodity. Commodity. Commodity Futures Contract of the Commodity. Commodity Futures Contract of the Commodity. Commodity Futures Contract of the Commodity. Commodity Futures Contract of the Commodity. Commodity Futures Of Exchange Of Calculation Agent, in the Calculation Commodity Futures Of The close of trading On the Commodity On the Exchange										
Calculation Agent. Calculation Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,88 DE000N G5F3L5 Gold-Spo t GOLD SPOT The price GSF3L5 GOLD SPOT The price GOLD SPOT The close GOLD SPOT The price The pr										
on Commodity Business Days prior to the last trading date of the relevant Futures Contract of the result the Commodity. 200,88 DE000N G5F3L5 G5F3L5 Gold-Spo (Bloomberg code: XAU <crncy>) The of Calculation expiration and period the commencing month on the of previous On Commodity Business Days prior to the last trading date of the relevant Futures Contract of the relevant Futures Commodity. Calculation expiration agent, in the nor (ii) period the commencing month on the of previous</crncy>										
Agent. Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. Commodity. Commodity. Commodity. Commodity. Contract of the relevant Futures Contract of the Commodity. The close determined by the Of Calculation expiration on or (ii) period the commencing month of the commencing on the previous Commodity. Contract of the relevant Futures Contract of the Commodity. Commodity. Calculation expiratio Agent, in the period commencing on the previous										
Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,88 DE000N G5F3L5 Gold G5F3L5 Gold Gold-Spo GOLD SPOT t S/OZ (Bloomberg code: XAU <crncy>) The Commodity is price in graph of the commencing month on the previous Days prior to the last trading date of the relevant Futures Contract of the Commodity. The Commodity is price in graph of the commencing on the in or (ii) period the commencing month on the previous</crncy>							on			
Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,88 DE000N G5F3L5 G5F3L5 Gold G5F3L5 Gold Gold-Spo GOLD SPOT t S/OZ (Bloomberg code: XAU <crncy>) The price nearby determined by the Of Calculation expiration and for in or (ii) period the commencing month on the previous Calculation expiration and for in the period the commencing month on the previous</crncy>							Agent.			
the last trading date of the relevant Futures Contract of the Commodity. DE000N G5F3L5 G5F3L5 Gold-Spo GOLD SPOT t S/OZ (Bloomberg code: XAU <crncy>) The price nearby month of Calculation expiration n or (ii) the commencing month of previous The close of trading on the Exchange</crncy>							-			
Commodity Commodity Commodity Commonth Calculation Calculation Commonth Calculation Commonth Calculation Commonth Calculation Calculation Commonth Calculation Calcula										
200,88 DE000N Gold Gold-Spo GOLD SPOT t S/OZ (Bloomberg code: XAU Corncy>) Gold Corncy>) The close Contract of the commencing month on the of Calculation Exchange Exchange Contract of the commencing month on the of Calculation Commodity. Commodity. The close Commodity. The close Commodity. The close Commodity. The close Calculation Calculation Exchange Contract of the relevant Futures Contract of the commencing month on the of previous Commodity. The close Calculation Ca										
Contract of the Commodity.										
Contract of the Commodity. Softs Contract of the Commodity. Commodity.										
Contract of the Commodity.										
200,88 DE000N Gold Gold-Spo t SPOT t S/OZ (Bloomberg code: XAU <crncy>) The price nearby determined month by the commencing month on the of previous the commencing month on the of previous the commencing month on the of previous</crncy>										
Commodity. Commodity. Commodity. Commodity. Commodity.										
200,88 DE000N Gold Gold-Spo t S/OZ nearby determined by the Calculation expiratio Agent, in the nor (ii) period the commencing month on the of previous ICE The close of trading on the Exchange								the		
200,88 DE000N Gold Gold-Spo t S/OZ nearby determined by the Calculation expiratio Agent, in the nor (ii) period the commencing month on the of previous ICE The close of trading on the Exchange								Commodity		
0 G5F3L5 t \$\frac{\\$\frac{\\$\}\OZ}{\(\text{Bloomberg}\) \cdots \(\text{Calculation}\) \rangle \(\text{Cancy}\rangle\) t \ \$\frac{\\$\}\OZ}{\(\text{Bloomberg}\) \cdots \(\text{code: XAU}\) \rangle \(\text{Crncy}\rangle\) \ \ \(\text{Crncy}\rangle\) \ \ \(\text{commencing}\) \\ \(\text{month}\) \\ \(\text{of}\) \\ \(\text{commencing}\) \\ \(\text{of}\) \\ \(\text{of}\) \\ \(\text{commencing}\) \\ \(\text{of}\) \\ \(\text{of}\) \\ \(\text{of}\) \\ \(\text{commencing}\) \\ \(\text{of}\) \\ \(\text{of}\) \\ \(\text{of}\) \\ \(\text{of}\) \\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	200.88	DE000N	Gold	Gold-Spo	GOLD SPOT	The	(i) Firet		ICE	The close
(Bloomberg code: XAU < Crncy>) (Bloomberg code: XAU of Calculation expiratio n or (ii) period the commencing month on the of previous (Bloomberg code: XAU of Calculation expiratio has by the Calculation expiratio has been determined by the Calculation expiration and the Calculation expiration has been determined by the Calculation expiration			Join	_						
code: XAU code: XAU code: XAU code: XAU corncy>) of	ľ	G3F3L3		ا ^ر		price				
<pre></pre>									US Softs	
n or (ii) period the commencing month on the of previous										Exchange
n or (ii) period the commencing month on the of previous					<crncy>)</crncy>		expiratio	Agent, in the		
the commencing month on the of previous										
month on the of previous										
of previous										
$egin{array}{cccccccccccccccccccccccccccccccccccc$										
I I Lexpiratio I Rollover I I										
[CApitatio Ronover		I	I	I	Ī	I	Levniratio	I Rollover	I	

Detection in the case of the first volumes. Rollover solumes, and electroning of the case of the first volumes. See Rollover solumes, and electroning of the case of the first volumes. See Rollover solumes and ending nor less than commondity. Some less than confidence of the relevant prures code: XAU (Sistama) Sistama (Sistama)										
December							n with	Date (or in		
Defound Calculation Commodity Comm							the	the case of		
Defound Calculation Commodity Comm							highest	the first		
Date the determine of by the month of spring and ending not less than Calculation of the relevant Futures (Bloomberg code: XAU Soft the last trading date of the commendity.								Rollover		
Language										
DE000N GSF3M3 Gold Gold-Spo (Bloomberg code: XAU Crmcy>) GOLD SPOT t GSF3M1 G										
DE000N Gold Gold-Spo Composity Softs Calculari Some price Commodity Softs Calculari Soft Calculari So										
200,88 DE000N Gold Gold-Spot t GSF3M3										
200,88 DE000N Gold Gold-Spo t S/OZ (Bloomberg code: XAU <crimcy>) DE000N Gold Gold-Spo t S/OZ (Bloomberg code: XAU <crimcy>) DE000N Gold Gold-Spo t S/OZ Gold-Spo t Gold-Spo Gold-Spo t Gold-Spo Gold-Spo t Gold-Spo t</crimcy></crimcy>										
DE000N Gold Gold-Spo t S/OZ (Bloomberg code: XAU <crimcy>) DE000N Agent, metalog date of the relevant Futures (Contract of the septiation on the highest volumes, a solution of the highest volumes, a solution of the highest volumes, a solution on the calculation on the septiation on the calculation on the calculation of the last trading date of the relevant Futures of trading the calculation of the calculation on the calculation of the calculation on the calculation of the calculation on the calculation on the calculation of the calculation on the calculation of the calculation on the calculation on the calculation of the calculation on the calculation on the calculation of the calculation of the calculation on the calculation of th</crimcy>							Calculati	5		
DE000N Gold Gold-Spo t S/OZ (Bloomberg code: XAU <crimcy>) DE000N Agent, metalog date of the relevant Futures (Contract of the septiation on the highest volumes, a solution of the highest volumes, a solution of the highest volumes, a solution on the calculation on the septiation on the calculation on the calculation of the last trading date of the relevant Futures of trading the calculation of the calculation on the calculation of the calculation on the calculation of the calculation on the calculation on the calculation of the calculation on the calculation of the calculation on the calculation on the calculation of the calculation on the calculation on the calculation of the calculation of the calculation on the calculation of th</crimcy>							on	Commodity		
200,88 DE000N Gold Gold-Spo (Bloomberg code: XAU Crncy										
200,88 DE000N Gold Gold-Spo (Bloomberg code: XAU SCrncy>) The highest volumes, and ending not less than 5 Calculation on the great of the Calculation on Great (Bloomberg code: XAU Softs (Bloomberg code:							Agent.			
200,88 DE000N Gold Gold-Spo GOLD SPOT t (Bloomberg code: XAU <crievy-) a="" agent,="" agent,<="" calculation="" case="" first="" gold-spo="" high="" highest="" in="" north="" of="" on="" price="" td="" the="" volumes,="" =""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></crievy-)>										
200,88 DE000N Gold Gold-Spo Cmey-)										
200,88 DE000N Gold Gold-Spo t Moderate Gold-Spo t S/OZ (Bloomberg code: XAU SF3M3 SF3M										
200,88 DE000N GSF3M3 GSF3M3 GSF3M3 T										
200,88 DE000N GSF3M3 Gold Gold-Spo T t S/OZ GOLD SPOT T t S/OZ GBloomberg Code: XAU SF3N1 Cmmodity Cmey>) The price Gold-Spo GOLD SPOT T t S/OZ GBloomberg Code: XAU SF3N1 Cmmodity Cmey>) The price Galculation Calculation Cal								relevant		
200,88 DE000N CSF3M3 Gold Gold-Spo The S/OZ (Bloomberg code: XAU SPOT The case of highest volumes, a determine of by the case of highest volumes, a Rollover Date (or in the case of highest volumes, a Rollover Date (or in the case of the first volum								Futures		
200,88 DE000N CSF3M3 Gold Gold-Spo The S/OZ (Bloomberg code: XAU SPOT The case of highest volumes, a determine of by the case of highest volumes, a Rollover Date (or in the case of highest volumes, a Rollover Date (or in the case of the first volum								Contract of		
DEOONN GSF3M3 Gold Gold-Spo The S/OZ (Bloomberg code: XAU <crney>) The Calculation Canmodity. The carbon month Calculation Canmodity. The carbon month Calculation Canmodity. The carbon month Calculation Canmodity. The close Th</crney>										
DE000N GSF3M3 DE000N GSF3M3 Gold Gold-Spo t SOZ SNOZ SNOZ GBloomberg code: XAU <crney>) The price nearby month of expiration in the period commencing on the expiration in with the highest volumes, a gent with the last trading date of the relevant Futures Contract of the RSF3N1 Gold GSF3N1 Gold Spo GSF3N1 Gold Spo GSF3N1 Gold Spo GSF3N1 Gold Spo GGLD SPOT t SNOZ GBloomberg code: XAU <crney>) The close determine do the price of trading month of expiration in with the highest volumes, a gent with the last trading date of the relevant Futures Contract of the RSF3N1 Gold Spo GGLD SPOT t SNOZ GBloomberg code: XAU <crney>) The close determine do by the calculation expiration in the period commencing on the period commencing on the price of trading date of the relevant futures Contract of the Calculation expiration in the price of trading date of the relevant futures Contract of the Calculation expiration in the price of trading on the calculation expiration in the price of trading on the calculation expiration in the price of trading on the calculation expiration in the price of trading on the calculation expiration in the price of trading on the calculation expiration on the price of trading on the calculation expiration on the price of trading on the calculation expiration on the price of trading on the calculation expiration on the price of trading on the calculation expiration on the price of trading on the calculation expiration on the price of trading on the calculation expiration on the price of trading on the calculation expiration on the price of trading on the calculation expiration on the price of trading on the calculation expiration on the price of trading on the calculation expiration on the price of trading on the calculation expiration on the price of trading on the calculation expiration that the calculation expiration is the calculation expiration on the price of trading of the calculation expiration on the price of trading of the trading of the calcula</crney></crney></crney>										
1				A 11 ::	001-0-		/n =-		105	
Calculation expiration on or (ii) the month of month of month on or (iii) the month of month of month of expiration on the previous expiration in with the highest volumes, a determine			Gold	Gold-Spo						
Code: XAU Crncy>)	1	G5F3M3	1	t	\$/OZ	price	nearby	determined	Futures	of trading
Code: XAU Crncy>)					(Bloomberg		month	by the	US Softs	on the
Crncy>							of	Calculation		Exchange
No ro (ii) period commencing month of previous expiration in with the previous expiration in the case of the first volumes, a Rollover so Date the determin ed by and ending not less than Calculation on Commodity. Second										
the month of previous expiration a killer of the previous expiration a with the the case of thighest volumes, a determin led by the Calculation on Calculation of the relevant Futures Commodity. 200,88 DE000N G5F3N1 Gold Gold-Spo the C3F3N1 Gold Gold-Spo code: XAU <crncy>) The commencing on the previous Rollover Date (or in the case of thighest volumes, a Rollover Date the Issue Date) and ending not less than the case of the relevant trading date of the relevant Futures Commodity. Agent. (i) First trading date of the Commodity. A date, as determined by the Calculation expiration on the case of the relevant trading date of the Commodity. Commodity. A date, as determined by the Calculation expiration on the case of the rist volumes, a Rollover Date the Issue Date) and ending not less than the case of the relevant trading date of the relevant Futures Contract of the Commodity. Commodity. Commodity. A date, as determined by the Calculation expiration of Calculation expiration of calculation expiration on the case of the rist volumes, a Rollover Date (or in the case of the rist volumes, a Rollover Date (or in the case of the rist volumes, a Rollover Date (or in the case of the rist volumes, a Rollover Date (or in the case of the rist volumes, a Rollover Date (or in the case of the rest of the relevant Futures of trading on the Exchange of the relevant Futures of trading on the Exchange of the relevant Futures of trading on the Exchange of the relevant Futures of trading on the Exchange of the relevant Futures of trading on the Exchange of the relevant Futures of trading on the Exchange of the relevant Futures of trading on the Exchange of the relevant Futures of trading on the Previous of the Rollow of the</crncy>					Ciney'					
Month of expiration n with the the case of the first volumes, a Rollover Rollover Rollover Rollover Rollover S S Date the Issue Date) and ending not less than Calculati on Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Rollower S S Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,88 DE000N Gold Gold-Spo (Bloomberg code: XAU <(Crncy>) The price nearby with the commencing month on the of commencing month on the of previous The close of trading the commencing month on the of previous The commencing prior to the last trading date of the commencing on the Exchange The close of trading the commencing on the prior of trading the commencing on the prior of the Exchange The close of trading the commencing on the previous The close of trading the commencing on the previous The close of trading the commencing on the prior of the previous The close of trading the commencing on the prior of the previous The close of trading the commencing on the previous The close of trading the previous The close of trading the commencing on the prior of the previous The close of trading the previous The close of the close of the previous The close of trading the previous The close of trading the previous The close of the clo										
Septendia Sept										
Rollover Date (or in the case of highest volumes, a Rollover Date (or in the first volumes, a Rollover Date (or in the case of highest volumes, a Rollover Date the first volumes, a Rollover Date the first Date the lassue Date) and ending not less than Calculation Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.										
Nwith the the case of highest the first volumes, a Rollover s Date the determin ed by and ending the not less than Calculati 5 on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Cont										
the the case of highest volumes, a Rollover Date the determin ed by and ending not less than Calculati on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,88 DE000N GSF3N1 GSF3N1 GSF3N1 GOLD SPOT t S/OZ (Bloomberg code: XAU <crncy>) The code: XAU <crncy>) The the the case of the first volumes, a Rollover Date the last used by and ending not less than Calculati on Commodity. The commodity Agent. Futures Contract of the relevant Futures Contract of the Commodity. Commodity. The close of trading US Softs of trading on the expiration of Calculation expiration agent, in the period the commencing month on the of previous</crncy></crncy>							expiratio	Rollover		
the the case of the first volumes, a Rollover Date the lissue Date) and ending not less than Calculati 5 on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the relevant Futures (Contract of the Commodity.) 200,88 DE000N G5F3N1 G5F3N1 T G5F3N1 G6ld Gold-Spo GOLD SPOT t (Bloomberg code: XAU < <cri> (Crncy>) The price nor (ii) the commencing nor (iii) the commencing on the period commencing on the previous (G1 First A date, as determined by the code: XAU of Calculation on the period commencing on the prior the commencing on the prior the period commencing on the priore priore the prio</cri>							n with	Date (or in		
DE000N College Colle							the			
A commodity Co										
Sold-Spo Gold-Spo Gold-Spo Sold-Spo										
Commodity Comm										
ded by the Calculati on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Contract of the Commodity.										
the not less than Calculati on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,88 DE000N G5F3N1 G5F3N1 Gold Spo t S/OZ (Bloomberg code: XAU <crncy>) The close of trading trading date of the relevant price nearby determined by the Calculation expiration and for or (ii) period the commencing month of previous</crncy>										
Calculation Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity										
on Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,88 DE000N G5F3N1 Gold-Spo (Bloomberg code: XAU <crncy>) The of Calculation expiration Agent, in the n or (ii) period the commencing month on the previous On Commodity Business Days prior to the last trading date of the relevant Futures Contract of the relevant Futures Commodity. ICE Futures Of Calculation expiration Agent, in the commencing month on the of previous</crncy>							the	not less than		
Agent. Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. Commodity. Commodity. Commodity. Commodity. Contract of the relevant Futures Of trading on the Futures Of trading on the Exchange on the period the commencing month on the of previous							Calculati	5		
Agent. Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. Commodity. Commodity. Commodity. Commodity. Contract of the relevant Futures Of trading on the Futures Of trading on the Exchange on the period the commencing month on the of previous							on	Commodity		
Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,88 DE000N Gold Gold-Spo GOLD SPOT t S/OZ (Bloomberg code: XAU <crncy>) The price nearby month of Calculation expiration nor (ii) period commencing month on the previous Days prior to the last trading date of the relevant Futures Commodity. The close determined by the US Softs on the Exchange</crncy>										
the last trading date of the relevant Futures Contract of the Commodity. 200,88			1				Agent.			
Commodity Comm			1							
200,88 DE000N Gold Gold-Spo GOLD SPOT The (i) First A date, as ICE The close Gostantial of trading Syoz (Bloomberg code: XAU Commencing Contract of Calculation Exchange Exchange Exchange Contract of Commodity. 200,88 DE000N Gold Gold-Spo GOLD SPOT The (i) First A date, as ICE The close Gostantial of trading Calculation Calculation Exchange Exchange Contract of Calculation Calculation Calculation Calculation Calculation Calculation Calculation Commencing Contract of Calculation Calcula			1							
Contract of the Commodity.			1							
Contract of the Commodity. Section 1 Contract of the Commodity. Commodity.			1							
Contract of the Commodity. Contract of the Commodity.										
200,88 DE000N Gold Gold-Spo t SPOT t S/OZ (Bloomberg code: XAU <crncy>) The period the commencing month on the of previous the commencing month on the of previous the commencing month on the previous the commencing month on the commencing month of the commencing month on the commencing month o</crncy>			1							
200,88 DE000N Gold Gold-Spo t SPOT t S/OZ (Bloomberg code: XAU <crncy>) The period the commencing month on the of previous the commencing month on the of previous the commencing month on the previous the commencing month on the commencing month of the commencing month on the commencing month o</crncy>			1					Contract of		
Commodity. Com			1							
200,88 DE000N Gold Gold-Spo t S/OZ The price GSF3N1 GSF3N1 The price The p			1							
2 G5F3N1 t \$\frac{\\$\frac{\\$\}\OZ}{\(\text{Bloomberg}\) \cdots \(\text{Crncy}>\)} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	200.00	DECOON	C-14	Cold Cna	COLD SDOT	Tha	(i) Eirat		ICE	The alege
(Bloomberg code: XAU < Crncy>) (Bloomberg code: XAU of Calculation expiratio n or (ii) period the commencing month on the of previous (Bloomberg code: XAU of Calculation expiratio has by the Calculation expiratio has been determined by the Calculation on the Exchange expiration for the Exchange expiration on the of previous			Gold	_						1
code: XAU	12	G5F3N1	1	l t		price				
<pre></pre>			1						US Softs	
<pre></pre>					code: XAU		of	Calculation		Exchange
n or (ii) period the commencing month on the of previous			1		<crncy>)</crncy>		expiratio	Agent, in the		
the commencing month on the of previous			1							
month on the of previous			1							
of previous			1							
			1							
			1							
						<u> </u>	expiratio	Rollover		

			1						 -
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
200 55	DECOC		0.11.	GOLD 25.5-	TO!	(1) F:	Commodity.	LOE	mi 1
200,88		Gold	_	GOLD SPOT	The	(i) First	A date, as	ICE	The close
3	G5F3P6		t	\$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg		month	by the	US Softs	on the
				code: XAU		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		
						n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						Í (
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						~	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
200.00	DEGGGST	0.11	C-11 C	COLDADOT	T1	(i) E: (Commodity.	ICE	The .1.
200,88		Gold	Gold-Spo	GOLD SPOT	The	(i) First	A date, as	ICE	The close
4	G5F3Q4		t	\$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg		month	by the	US Softs	on the
				code: XAU		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		
						n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
				Ī		,p			

						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
					<u> </u>		Commodity.		
200,88	DE000N	Gold	Gold-Spo	GOLD SPOT	The	(i) First	A date, as	ICE	The close
5	G5F3R2		t	\$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg	1	month	by the	US Softs	on the
				code: XAU		of	Calculation	C B Botts	Exchange
									Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		
						n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati			
							5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
200,88	DE000N	Natural	Natural	Initially	The	(i) First	A date, as	ICE	The close
6		Gas	Gas-NY	Bloomberg	price	nearby	determined	Futures	of trading
	G5F3S0	Gas			price				
			MEX	code: NGM22		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		
1					I	L., (::)		•	
				Rollover Date		n or (ii)	period		
						the			
				the Bloomberg		the	commencing		
				the Bloomberg page referring		the month	commencing on the		
				the Bloomberg		the	commencing		

				•					
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati			
							5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
200,88		Natural	Natural	Initially	The	(i) First	A date, as	ICE	The close
7	G5F3T8	Gas	Gas-NY	Bloomberg	price	nearby	determined	Futures	of trading
			MEX	code: NGM22		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						s voidines, t	Date the		
						determin	Issue Date)		
						ed by			
						the	and ending not less than		
						Calculati			
							5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
		l		1			the last		
		l		1			trading date		
				1			of the		
		l		1			relevant		
		l		1			Futures		
		l		1			Contract of		
				1			the		
				1			Commodity.		
200,88	DE000N	Natural	Natural	Initially	The	(i) First	A date, as	ICE	The close
8	G5F3U6	Gas	Gas-NY	Bloomberg	price	nearby	determined	Futures	of trading
1	331300	Jus	MEX	code: NGM22		month	by the	US Softs	on the
			WILL	<cmdty> and</cmdty>		of	Calculation	OB BUILS	Exchange
				after the first		expiratio	Agent, in the		Dachange
				Rollover Date					
						n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring to the relevant		month of	on the previous		
I				LTO the relevent		LOT	Inrevious	1	
				Futures		expiratio	Rollover		

				1					
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						rigent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
200.00	DEGGGST	N/TI	OH WATER	T., (4) - 11	Tri	(;) P ' '	Commodity.	ICE	T1 1
200,88	DE000N	WTI	OIL-WTI	Initially	The	(i) First	A date, as	ICE	The close
9	G5F3V4	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
			X	code: CLN2		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						· ·	Date the		
						S			
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
200.00	DECCONT	WTI	OII WIT	Taitialla:	TL.	(i) E:4		ICE	The alice
200,89	DE000N	WTI	OIL-WTI		The	(i) First	A date, as	ICE	The close
0	G5F3W2	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
			X	code: CLN2		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		

Decorate Part Decorate										
200,89 DE000N Trude Oil Price Contract of the Bloomberg page referring to the First volumes, and ending not less than Calculatin of the last trading date of the relevant Futures Contract of the Commodity. Price Contract of the Commodity and ending not less than Calculatin of the last trading date of the relevant Futures and ending to the Bloomberg page referring to the relevant Futures Contract of the Commodity. Price Contract of the Commodity and ending the Bloomberg page referring to the relevant Futures Contract of the Commodity. Price Contract of the Commodity and ending the Bloomberg page referring to the relevant Futures Contract of the Calculation of the relevant Futures Sollower Date the Bloomberg and ending not less than Calculation of the case of the first volumes, and ending not less than Calculation and ending not less than Calculation of the case of the first volumes, and ending not less than Calculation and ending the first volumes, and ending not less than Calculation and ending not less than Calculation and ending not less than Calculation and ending the first volumes, and ending not less than Calculation and ending not less than Calculation and ending the first volumes, and ending not less than Calculation and ending the first volumes, and ending not less than Calculation and ending the first volumes, and ending the determined the first trading date of the calculation and ending the first volumes, and ending the first volum					Contract.		n with	Date (or in		
200,89 DF-000N WTI Crude Oil Name Futures Price							the	the case of		
200,89 DE000N Trude Oil NYME Bloomberg page referring to the relevant Futures Contract. Putures Contract of the relevant Futures and the relevant Futures and the relevant Futures and the relevant Putures and the relevant Futures and the relevant Futures and the Bloomberg page referring to the relevant Futures Contract. Putures Price and Pri							highest	the first		
Commodity Comm							volumes, a	Rollover		
Commodity Comm							s	Date the		
200,80 DE000N WTI Crude Oil NYME Bloomberg page referring to the relevant Futures Contract of the last trading date of the relevant Futures Contract of the last trading date of the relevant Futures Contract of the last trading date of the relevant Futures Contract of the last trading date of the relevant Futures Contract of the last trading date of the relevant Futures Contract of the last trading date of the relevant Futures Contract of the last trading date of the relevant Futures Contract of the last trading date of the relevant Futures Contract of the last trading date of the first volumes, a Rollover Date (or in the ease of the last trading date of the last trading date of the relevant Contract of the last trading date of the l							determin			
DE000N WTI Crude Oil NYME Rollower Patures Contract of the Rechange Rollower Patures Contract of the Rechange Rollower Patures										
Section Sect										
DE000N DE000N Crude Oil NYME Softsate Softs										
200,89 DE000N Trude Oil NYME September Sep							1			
200,89 DE000N Crude Oil NYME NYME Note the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract of the pervious Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract of the pervious Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract of the pervious Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract of the pervious Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract of the pervious Rollover Date the Glaculation on the case of the last trading date of the relevant Futures Contract of the Commodity. Commodity Commondity Comm							1			
200,89 DE000N Trude Oil NYME Softs X Note that Note							Agent.			
200,89 DE000N Crude Oil Name Crude Oil										
200,89 DE000N WTI Crude Oil Name of the relevant Futures Contract of th								the last		
200,89 DE000N Crude Oil N-YME Bloomberg code: CLN2 CCmdy-and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract. Contract of the Commodity. Crude Oil N-YME Bloomberg page referring to the relevant Futures Contract. Contract. Contract of the Commodity Commodity Commodity Commodity Contract of the case of highest volumes, a sollover Date the determinin ed by the of the first volumes, a sollover Date the lissue Date) Commodity Com								trading date		
200,89 DE000N Crude Oil Name Dilication Dilic								of the		
200,89 DE000N Crude Oil VIT VIT Crude Oil VIT								relevant		
200,89 DE000N Crude Oil VIT VIT Crude Oil VIT								Futures		
200,89 DE000N WTI Crude Oil NYME Bloomberg Code: CLN2 Commodity. 1										
DE000N Crude Oil Nyme Dilu-Will Initially SF3X0 Crude Oil Nyme SF3X0 Crude Oil N										
DE000N Crude Oil Oil - WTI Initially SF3X0 Crude Oil Oil - WTI NYME Rollover Date the Bloomberg page referring to the relevant Futures Contract. Futures Contract. Futures Contract Con										
SF3X0 Crude Oil -NYME Sloomberg code: CLN2 Cmdty2 and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract: Contract Contr	200 55	DECOC	11777	OH	T 1,1 44	m.	(1) 51		LOE	771 1
A code: CLN2			1		_					
Composition	1	G5F3X0	Crude Oil			price				
after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Futures Contract. Futures Contract. Agent, in the period commencing on the of previous (and ending not less than Calculati on Agent.) Agent. Date (or in the first Rollover Date the first volumes, a Date the determin ed by and ending not less than Calculati on Agent.) Sugar prior to the last trading date of the relevant Futures Contract of the Commodity. The commodity of Commodity and after the first Rollover Date the Bloomberg page referring to the relevant of the period on the prior commencing on the prior of trading on the Exchange Prior Commencing on the prior of the commencing on the prior of the period on the period on the prior commencing on the prior of the prior commencing on the prior of the prior on the p				X					US Softs	
Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract. Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract. Contract. Contract. Rollover Date (or in the case of highest volumes, a Rollover Date the determin ed by and ending not less than Calculati on Calculati of the last trading date of the relevant Futures Commodity Agent. Date (or in the case of the first volumes, a Rollover Date the determin ed by and ending not less than Calculati on Commodity Agent. Days prior to the last trading date of the relevant Futures Contract of the relevant Futures Commodity Agent. DEMOND The commodity Agent. DEMOND The commodity Agent. Futures Code: CLN2 Comty-2 and after the first Rollover Date the Goomberg page referring to the relevant of the commencing on the period commencing on the period commencing on the provious expiration and the the first Rollover Date the Rollower Date the Rollower Date the first Rollover Date the determin the case of the first Rollover Date the first Rollover Date the determin the case of the first Rollover Date the first Rollover Date the Rollower Date the Rollower Date the first Rollover Date the Rollower Date the Roll										Exchange
the Bloomberg page referring to the relevant Futures Contract. the Bloomberg page referring to the relevant Futures Contract. to the relevant Futures Contract. the month of previous expiratio n with the the determin led by and ending not less than Calculation on Commodity. Agent. DEOOON Tommodity Adee, as Calculation of the relevant Futures Conmodity Commodity Adee, as Calculation of the relevant Futures Commodity Commodity Adee, as Calculation of the relevant Futures Commodity Commodity Commodity Adee, as Calculation of the relevant by the of Calculation of trading on the Exchange The close of trading on the Exchange The close of trading on the commencing on the commencing on the commencing on the Exchange The commodity of the commencing on the commencing on the commencing on the Exchange The commodity of the commencing on the commencing on the commencing on the commencing on the Exchange The commodity of the commencing on the commencing					after the first		expiratio	Agent, in the		
page referring to the relevant Futures Contract. Page referring to the relevant Futures Contract. Page referring to the relevant Futures Contract. Page referring to the relevant Futures Contract. Page referring to the relevant Futures Contract. Page referring to the relevant Futures Contract of the Reference Commodity.					Rollover Date		n or (ii)	period		
page referring to the relevant Futures Contract. Page referring to the relevant Futures Contract. Page referring to the relevant Futures Contract. Page referring to the relevant Futures Contract. Page referring to the relevant Futures Contract. Page referring to the relevant Futures Contract of the Reference Commodity.					the Bloomberg		the	commencing		
to the relevant Futures Contract. Contract. Contract Contract. Contract Contract. Contract Contrac					page referring		month	on the		
Futures Contract. Futures Contract Initially Commodity Futures Contract of the relevant Futures Contract of the Calculati On Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. Futures Contract of the Calculation Calculation of Calculation expiratio Nate case of the first Rollover Date the Issue Date) and ending not less than Commodity Business Contract of the relevant Futures Contract of the Calculation expiratio of Calculation expiratio of Agent. Futures US Softs Of trading US Potential the Of previous							of	previous		
Contract. Contract. In with the the case of highest volumes, a Rollover s Date the determin ed by and ending the not less than Calculati 5 on Commodity Agent. Date (or in the case of highest the first volumes, a Rollover s Date the determin ed by and ending the not less than Calculati 5 on Commodity Business Days prior to the last trading date of the relevant Futures Contract of the relevant Futures Contract of the relevant Futures Contract of the relevant Futures Contract of the relevant Futures Contract of the relevant Futures Conmodity. Date (or in the case of highest the first Rollover Date the Bloomberg page referring to the relevant of calculation expiration nor (ii) the commencing month on the of commencing page referring to the relevant of period the commencing page referring to the relevant of previous							expiratio			
Language										
A contact of the relevant Futures Contract of the Calculation of					Contract.					
200,89 DE000N WTI Crude Oil NYME Softs Commodity NYME Softs Commodity Now mere the Bloomberg page referring to the relevant Rollover so the last trading date of the relevant Susue Date) and ending not less than Calculati on Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity Commodity Commodity Commodity NYME Softs Commodity NYME Softs Commodity NYME Softs Commodity NYME Softs Calculation Commodity Commo										
Solute the Issue Date and ending not less than Calculation on Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,89										
Agent Business Days prior to the last trading date of the relevant Futures Contract of the Commodity										
Agent Bloomberg Calculation Calculat										
the calculati 5 Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,89 2 G5F3Y8 Crude Oil Of Calculation expiratio Agent, in the period the Commencing month of on or (ii) period the Commencing month on on the Exchange Exchange										
Calculation										
Commodity Susiness Days prior to the last trading date of the relevant Futures Contract of the Commodity										
Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,89 DE000N G5F3Y8 Crude Oil X SF3Y8 Crude Oil Agent. Business Days prior to the last trading date of the relevant Futures Commodity. The Commodity. The price nearby determined by the Calculation Futures of trading on the Exchange Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. The Cose nearby determined by the Calculation Agent, in the n or (ii) period the commencing page referring the commencing page referring to the relevant The close of Calculation Agent, in the n or (ii) period the commencing on the Exchange							1	-		
Days prior to the last trading date of the relevant Futures Contract of the Commodity. Days prior to the last trading date of the relevant Futures Contract of the Commodity. Days prior to the last trading date of the relevant Futures Contract of the Commodity. The price nearby determined by the US Softs Calculation expiratio of Calculation expiratio Agent, in the n or (ii) period the Bloomberg page referring to the relevant for the last trading date of the relevant Futures Contract of the Commodity. The close of trading on the expiratio on the period the commencing month on the previous							on			
the last trading date of the relevant Futures Contract of the Commodity. 200,89 DE000N WTI G5F3Y8 Crude Oil Sylvariant Crude Oil Agent, in the Rollover Date the Bloomberg page referring to the relevant of the Commonth on the previous sylvariant content of the relevant of the relevant of the relevant trading date of the relevant trad							Agent.			
Commodity Comm										
Contract of the relevant Futures Commodity.										
Crude Oil Crude Oil Crude Oil Crude Oil Rollower Date the Bloomberg page referring to the relevant Crude Oil Cru										
Contract of the Commodity. Softs Futures Contract of the Commodity. Crude Oil Softs Contract of the Commodity. Crude Oil Softs Contract of the Commodity. Crude Oil Softs Crude Oil Softs Contract of the Commodity. Crude Oil Softs Crude Oil Softs Crude Oil Softs Contract of the Commodity. Crude Oil Softs Crude Oil Softs Calculation Calculation Agent, in the n or (ii) period Commodity. Complete Commodity. C								of the		
Contract of the Commodity. Contract of the Commodity. Contract of the Commodity. Contract of the Commodity. Comm								relevant		
200,89 DE000N WTI OIL-WTI Initially Crude Oil -NYME STATE A date, as Of trading on the Exchange of trading on the Exchange of the Bloomberg page referring to the relevant of the Commodity.								Futures		
200,89 DE000N WTI OIL-WTI Initially Crude Oil -NYME STATE A date, as Of trading on the Exchange of trading on the Exchange of the Bloomberg page referring to the relevant of the Commodity.								Contract of		
DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close OF Commodity Crude Oil OIL-WTI Initially The DICE										
200,89 DE000N WTI OIL-WTI Initially G5F3Y8 Crude Oil -NYME Bloomberg code: CLN2										
2 G5F3Y8 Crude Oil -NYME X Bloomberg code: CLN2	200.89	DE000N	WTI	OII -WTI	Initially	The	(i) Firet		ICE	The close
X code: CLN2 month by the Calculation of Calculation expiratio Agent, in the Rollover Date the Bloomberg page referring to the relevant of previous month by the Calculation expiratio Agent, in the nor (ii) period the commencing month on the previous month on the commencing page referring to the relevant month on the previous month on the calculation month on			1				3.7			
		GSF3Y8	Crude Oil			price				
after the first Rollover Date the Bloomberg page referring to the relevant Rollover Date of period the commencing month on the previous				A					US Softs	
Rollover Date the Bloomberg the Bloomberg page referring month on the to the relevant of previous										Exchange
the Bloomberg the commencing page referring month on the to the relevant of previous							_			
page referring month on the to the relevant of previous										
to the relevant of previous										
Futures expiratio Rollover										
		ı	I	Ī	Enturas	I	Lavniratio	Dollover	I	ı İ

DE000N WTI OIL-WTI Initially The first volumes, a great the first volumes, a determined by the calculation of the last trading date of the relevant Futures Contract of the relevant Calculation Cal										
Detail D					Contract.		n with	Date (or in		
200,89 DE000N WT1 OIL-WT1 Initially Futures Contract of the last trading date of the relevant Futures Contract of the last trading date of the relevant Futures Contract of the calculation Commodity Contract of the last trading date of the relevant Futures Contract of the calculation Commodity Contract C							the	the case of		
Section State the lassue Date Section							highest	the first		
200,89 DE000N WTI OIL-WTI Initially Futures Contract. Commodity							volumes, a	Rollover		
200,89 DE000N WTI OIL-WTI Initially Futures Contract. Commodity							s	Date the		
200,89 DE000N MTI Contract. Contract of the Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract of the Calculation on (a) the case of the first volumes, a Rollover Date the Bloomberg and entire the first volumes, a Rollover Date the Rollover Date the Bloomberg and entire the first volumes, a Rollover Date the Rollover Date the Bloomberg and entire the first volumes, a Rollover Date the Calculation on the previous Rollover Date the							determin			
DECOMPTION DIL-WIT Initially The Bloomberg Days perform to the start Days prior to the last Trading date Days prior to the last Days prior to Days										
Calculati Commodity Days prior to the last trading date of the relevant Futures Contract of the Calculation Calculation Contract of the relevant Futures Contract of the Calculation Calcula										
200,89 DE000N WTI GSF303 Crude Oil WTI GSF303 Crude Oil Name of the relevant Contract. Oil L-WTI Initially The relevant Futures Contract of the Commodity. Agent, in the assembly Contract of the Commodity. Agent, in the assembly Contract of the Commodity. Agent, in the assembly Contract. Oil L-WTI Contract Oil L-WTI Oil L-WTI Contract Oil L-WTI Contract Oil L-WTI Oil L-W										
200,89 DE-000N WTI GSF303 Crude Oil WTI GSF303 Crude Oil Name of the case of the cas							1			
Days prior to the last trading date of the relevant Futures Contract of the Commodity. Condity > and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract. Contract. Contract. Contract Contract. Contract Contr							1			
200,89 DE000N WTI Crude Oil NYME Bloomberg rode: CI.N2 Contract of the Calculation Commodity Contract of the Calculation Calculati							Agent.			
200,89 DE000N GSF325 Crude Oil Oil - WTI Oil - WTI Oil - WTI Contract. Of the case o								Days prior to		
200,89 DE000N WTI Crude Oil X Softs Crude Oil Signatures Commodity.								the last		
200,89 DE000N WTI Crude Oil X Softs Crude Oil Signatures Commodity.								trading date		
200,89 DE000N G5F3Z5 Crude Oil OIL-WTI Initially Crude Oil OIL-WTI Initially Agent. Of the case of the first volumes, a Rollover Date the determine ed by the of highest volumes, a Rollover Date the determine ed by the of highest volumes, a Rollover Date the determine ed by the of highest volumes, a Rollover Date the determine ed by the of highest volumes, a Rollover Date the determine ed by the of highest volumes, a Rollover Date the determine ed by the of highest volumes, a Rollover Date (or in the case of the first volumes, a Rollover Date (or in the determine ed by the of highest volumes, a Rollover Date (or in the last trading date of the relevant Futures Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,89 DE000N WTI OIL-WTI Initially The G5F303 Crude Oil -NYME Bloomberg Code: CLN2 C										
200,89 DE000N WTI Grude Oil -NYME Bloomberg code: CLN2 Cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.										
200,89 DE000N WTI Grude Oil -NYME Note that the Bloomberg code: CLN2 Commodity.										
200,89 DE000N WTI Crude Oil -NYME STORTS Commodity. Crude Oil -NYME STORTS Commodity Crude Oil -NYME STORTS Commodity Crude Oil -NYME X Comdty- and after the first Rollover Date the Bloomberg page referring to the relevant Futures Comtract. STORTS Commodity Commencing on the Exchange Commodity C										
200,89 DE000N WTI Crude Oil NYME SF325 Commodity.										
200,89 DE000N G5F3Z5 Crude Oil OIL-WTI Initially NYME Softsate Calculation Agent, in the period of the determined by the case of the first volumes, a few determined by the case of the first volumes, a separation of the separation of										
3 G5F3Z5 Crude Oil NYME Shomberg code: CLN2 Cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Futures Contract. Commondity Crude Oil Cru										
X code: CLN2 	200,89	DE000N	WTI			The				
X code: CLN2 ⟨Cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Variable	3	G5F3Z5	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contr				X	code: CLN2		month	by the	US Softs	on the
after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract of the relevant Futures Contract of the Contract of Calculation after the first contract of Calculation Agent, in the Contract of Calculation after the first contract of Calculation Agent, in the Contract of Contract of Calculation after the first contract of Calculation Agent, in the Contract of Contract of Contract of Calculation Agent, in the Contract of Contract of Contract of Calculation Agent, in the Contract					<cmdty> and</cmdty>		of	Calculation		Exchange
Rollover Date the Bloomberg page referring to the relevant Futures Contract. Futures Contract. Contract. Rollover Date the Bloomberg page referring to the relevant Futures Contract. Rollover Date (or in the case of highest volumes, a Rollover Date the Bissue Date) and ending not less than Calculati on Calculati on Calculati on Agent. Rollover Date the lissue Date) and ending not less than Calculati of the relevant Futures Contract of the Calculati of the relevant Futures Contract of the Calculati of the Calculation on the Strain of Calculation of Calculation on the Strain of Calculation of Calculation on the Exchange							expiratio	Agent, in the		8-
the Bloomberg page referring to the relevant Futures Contract. The provious page referring to the relevant Futures Contract. The provious expiratio of previous expiratio of the first volumes, and ending the determined page and ending the susiness page prior to the last trading date of the relevant Futures Commodity. The price page referring to the relevant price price page referring to the relevant price price page referring to the relevant price price price page referring to the relevant price pri										
page referring to the relevant Futures Contract. Date (or in the case of highest volumes, a solution on Calculation on the last trading date of the relevant Futures Date (or in the first volumes, a solution on Calculation on Commodity, agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. Date (or in the case of highest volumes, a Rollover Date the last unding not less than Calculation on Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. Date (or in the case of the first trading date of the relevant Futures Contract of the Commodity. Date (or in the case of the first trading date of the relevant Futures Contract of the Commodity. Date (or in the first trading date of the relevant Futures Contract of the Commodity. Date (or in the first trading date of the relevant Futures Contract of the Commodity. Date (or in the first trading date of the relevant Futures Contract of the Commodity. Date (or in the first trading date of the relevant Futures Contract of the Commodity. Date (or in the first trading date of the relevant Futures Contract of the Commodity. Date (or in the first trading date of the relevant Futures Contract of the Commodity. Date (or in the first trading date of the relevant Futures Contract of the Commodity. Date (or in the first trading date of the case of the first trading date of the first trading date of the relevant Futures Contract of the Commodity. Date (or in the first trading date of the first tradin										
to the relevant Futures Contract.										
Futures Contract. Futures Contract. Futures Contract. Futures Contract. Futures Contract. Futures Contract. Formula (a contract) Futures Contract. Formula (b contract) Futures Contract. Formula (contract) Futures Commodity Agent. Futures Commodity Agent. Futures Commodity Futures Commodity Futures Contract of the Commodity Futures Code: CLN2 Code: CLN2 Code: CLN2 Comdty's and after the first										
Contract. Contract of the relevant Futures Contract of the relevant Futures Contract of the Commodity. Commodity. Contract of the C										
the highest volumes, a Rollover s Date the lissue Date) and ending not less than Calculati on Calculati on Cammodity Agent. 200,89 DE000N WTI Crude Oil Value of Calculation of trading date of the relevant Futures Commodity. 200,89 DE000N WTI OIL-WTI Initially The price code: CLN2 Commodity Crude Oil Calculation of the Exchange Exchange Calculation of Calculation Calculation of Calculation of Calculation of Calculation Calcula										
highest volumes, a Rollover s Date the determin led by the not less than Calculati on Commodity Agent. Date the determin led by and ending not less than Calculati on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the relevant Futures DE000N WTI OIL-WTI Initially The grice The close determined The code: CLN2 Cmdty> and after the first The grice The close The c					Contract.					
volumes, a Rollover Date the lissue Date) and ending not less than Calculati on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,89 DE000N G5F303 Crude Oil Volumes, a Rollover Date the lissue Date) and ending not less than Commodity The rollower Initially Bloomberg Code: CLN2 <cmdty> and after the first Volumes, a Rollover Date the Issue Date) and ending not less than Commodity The relevant Futures Contract of the Commodity. A date, as determined Futures of trading on the Calculation Agent, in the Exchange</cmdty>										
Solution Single Stand Solution Solut										
determin ed by and ending not less than Calculati on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,89 DE000N WTI G5F303 Crude Oil OIL-WTI Initially For earby A date, as ICE of trading determined price nearby determined by the US Softs on the Exchange Cmdty> and ending not less than Calculation ed by the US Softs on the Exchange							volumes, a			
ed by the calculati on Calculati on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,89 DE000N 4 G5F303 Crude Oil SF303								Date the		
the Calculati 5 Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. DE000N G5F303 WTI Crude Oil VINAME X Crude Oil VINAME X Comdty> and after the first trading date of the relevant Futures Contract of the Commodity. The price nearby determined wonth by the of Calculation expiratio Agent, in the the not less than 5 Commodity ICE Futures Of trading on the Exchange							determin	Issue Date)		
Calculati 5 commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,89 DE000N 4 WTI G5F303 Crude Oil VII OIL-WTI OIL-WT							ed by	and ending		
on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,89 DE000N 4 G5F303 Crude Oil SF303 C							the	not less than		
Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,89 DE000N 4 G5F303 Crude Oil SF303 Crude Oil SC Condity and after the first Agent, in the Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. The (i) First A date, as determined price nearby determined by the Of Calculation expiratio Agent, in the Exchange							Calculati	5		
Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,89 DE000N 4 G5F303 Crude Oil SF303 Crude Oil SC Condity and after the first Agent, in the Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. The (i) First A date, as determined price nearby determined by the Of Calculation expiratio Agent, in the Exchange							on	Commodity		
Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,89 DE000N WTI Crude Oil -NYME Bloomberg X Code: CLN2 <cmdty> and after the first Crude Oil Agent, in the Calculation Agent, in the Code CEX Commodity Code CEX CODE CE</cmdty>							l			
the last trading date of the relevant Futures Contract of the Commodity. 200,89 DE000N WTI OIL-WTI Initially G5F303 Crude Oil -NYME Bloomberg Code: CLN2 Cmdty> and after the first of Calculation expiratio Agent, in the contract of the Calculation expiratio Agent, in the chast trading date of the Contract of the Commodity. The (i) First nearby determined by the US Softs on the Exchange expiratio Agent, in the chast trading date of the relevant Futures of trading on the Exchange							Agent.			
trading date of the relevant Futures Contract of the Commodity. 200,89 DE000N 4 G5F303 Crude Oil STrude Oil S										
200,89 DE000N WTI Crude Oil Crud										
200,89 DE000N WTI Crude Oil -NYME Bloomberg code: CLN2 Cmdty> and after the first relevant Futures Contract of the Commodity. The Commodity of Calculation expiration Agent, in the relevant Futures Contract of the Commodity. The Commodity of Calculation expiration Agent, in the relevant Futures Contract of the Commodity. The Commodity of Calculation expiration Agent, in the relevant Futures of trading on the Exchange										
200,89 DE000N WTI OIL-WTI Initially Bloomberg code: CLN2 Cmdty> and after the first Futures Futures Contract of the Commodity. Futures Contract of the Commodity. Initially Price nearby determined by the Calculation expiratio Agent, in the Exchange										
Contract of the Commodity.										
200,89 DE000N WTI OIL-WTI Initially G5F303 Crude Oil -NYME Rooms Code: CLN2 Commodity. The Co										
200,89 DE000N WTI OIL-WTI Initially G5F303 Crude Oil -NYME Bloomberg code: CLN2 Cmdty> and after the first Crude Oil of Calculation expiratio Agent, in the Commodity. Commodity. A date, as determined by the Calculation expiratio Agent, in the Commodity. Commodity. A date, as determined by the Calculation expiratio Agent, in the Commodity.										
200,89 DE000N WTI OIL-WTI Initially Bloomberg code: CLN2 Cmdty> and after the first OIL-WTI OIL-WTI Initially Bloomberg code: CLN2 A date, as nearby determined by the Calculation expiratio Agent, in the OIL-WTI Initially Bloomberg code: CLN2 A date, as nearby determined by the Calculation expiratio Agent, in the OIL-WTI Initially Bloomberg code: CLN2 A date, as nearby determined by the Exchange								the		
200,89 DE000N WTI OIL-WTI Initially Bloomberg code: CLN2 Cmdty> and after the first OIL-WTI OIL-WTI Initially Bloomberg code: CLN2 A date, as nearby determined by the Calculation expiratio Agent, in the OIL-WTI Initially Bloomberg code: CLN2 A date, as nearby determined by the Calculation expiratio Agent, in the OIL-WTI Initially Bloomberg code: CLN2 A date, as nearby determined by the Exchange								Commodity.		
4 G5F303 Crude Oil -NYME Bloomberg code: CLN2 Schange Crude Oil Crude Oil Schange Crude Oil Crude Oil Crude Oil Crud	200,89	DE000N	WTI	OIL-WTI	Initially	The	(i) First		ICE	The close
X code: CLN2 month by the Calculation expiratio Agent, in the US Softs on the Exchange										
Cmdty> and after the first of Calculation expiratio Agent, in the Exchange		321 303	Si ude On							
after the first expiratio Agent, in the				A					OB BOILS	
										Exchange
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					Rollover Date		n or (ii)	period		
the Bloomberg the commencing										
page referring month on the										
to the relevant of previous										
Futures expiratio Rollover					Futures		expiratio	Rollover		

Decorate Part Decorate										
200,89 DE000N S GF311 Crude Oil Name of the first volumes, and ending not less than Calculatin of the last trading date of the relevant Futures Contract of the Commodity. S S S S S S S S S					Contract.		n with	Date (or in		
200,89 DF-000N SF311 Crude Oil NYME Bloomberg page referring to the relevant Futures Contract of the first Rollover Date the Bloomberg page referring to the relevant Futures Contract of the first Rollover Date the Bloomberg page referring to the relevant Futures Contract of the first Rollover Date the Bloomberg page referring to the relevant Futures Contract of the first Rollover Date the Bloomberg page referring to the relevant Futures Contract of the first Rollover Date the Bloomberg page referring to the relevant Futures Contract of the first relevant Futures Contract of the first relevant Potential							the	the case of		
200,89 DE000N Crude Oil NYME Bloomberg to the relevant Futures Contract. Futures Contract of the Rast trading date of the relevant Polymen of the relevant Futures (Commodity and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Futures (Commodity and Agent, in the case of the rist trading date of the relevant Polymen of the relevant Polymen of the relevant Futures (Commodity and Agent, in the case of the first trading date of the relevant Polymen on the Calculation of the Lisus Date of the Issue Date of the Issu							highest	the first		
Commodity Comm							volumes, a	Rollover		
Commodity Comm							s	Date the		
200,80 DE000N WTI Crude Oil NYME Bloomberg cade: CLN2 charge referring to the relevant Futures Contract of the last trading date of the relevant Rollover Date the Bloomberg page referring to the relevant Futures Contract of the last trading date of the relevant Rollover Date the Bloomberg page referring to the relevant Futures Contract of the last trading date of the relevant Futures Calculation Calcula							determin			
DE000N WTI Crude Oil NYME Rollower Patures Contract of the Bloomberg page referring to the relevant Fourses Contract of the first rading date of the period commencing on the period commencing of the first rading date of the relevant Fourses Contract of the substitution of calculation Software page referring to the relevant Pourses Contract of the period commencing on the period commencing on the period commencing of the last trading date of the relevant Pourses Contract of the period commencing on the period commencing										
200,89 DE000N WTI Crude Oil Name of the first restriction on the last trading date of the relevant price month of the state of the commencing on the first rough of the green of the commencing on the green of the commencing on the relevant of the first rough of the first rough of the green of the commencing on the captain on the captain on the green of the captain on the green of the commencing on the green of the commencing on the green of the captain on the green of the captain on the green of the captain on the green of the green of the green of the captain on the green of										
DE000N DE000N Crude Oil NYME Softsate the Bloomberg page referring to the relevant Futures Contract of the Bloomberg to the relevant Futures Contract of the Calculation on the previous Contract of the Calculation Commodity. CE The close of trading of the relevant futures Contract of the Calculation Calculation on the previous Contract of the Calculation Calculat										
December										
200,89 DE000N Crude Oil NYME Note the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract of the contract							-			
200,89 DE000N Crude Oil NYME Softs Contract of the Commodity.							Agent.			
200,89 DE000N Crude Oil NyME September Contract of the relevant Futures Contract of the Commodity.										
200,89 DE000N WTI Crude Oil Name of the relevant Futures Contract of the commencing on the price of trading on the case of the relevant Futures Contract of the commencing on the price of the commencing on the price of trading on the price of the commencing on the price of trading on the price of the commencing on the price on the price of trading on the price of the commencing on the price of trading on the price of								the last		
200,89 DE000N Crude Oil N-YME Bloomberg code: CLN2 CCMdy-and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract. Commendity. Commendity. Commendity. Commendity. Calculation on the case of highest volumes, a sollover Date the determine and the determine of the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the Bloomberg volume and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first volumes, a sollover Date the determine and the first vo								trading date		
200,89 DE000N Crude Oil Name Dilication Dilic								of the		
200,89 DE000N GF311 Crude Oil NYME NYME Bloomberg code: CLN2 Claudation after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Futures Contract. Futures Contract. Futures Contract. Futures Commencing on the Exchange Futures Claudation expiration of month of calculation expiration on the previous expiration on the great that the first relevant for a case of highest the first volumes, a Rollover Date the determin of the determin of the determin of the relevant for the first reading date of the first trading date of the relevant for the period code: CLN2 < Cmdty> and after the first reading date of the relevant for the period code: CLN2 < Cmdty> and after the first relevant for the first reading date of the relevant for the first reading date of the relevant for the first reading date of the first reading dat								relevant		
200,89 DE000N GF311 Crude Oil NYME NYME Bloomberg code: CLN2 Claudation after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Futures Contract. Futures Contract. Futures Contract. Futures Commencing on the Exchange Futures Claudation expiration of month of calculation expiration on the previous expiration on the great that the first relevant for a case of highest the first volumes, a Rollover Date the determin of the determin of the determin of the relevant for the first reading date of the first trading date of the relevant for the period code: CLN2 < Cmdty> and after the first reading date of the relevant for the period code: CLN2 < Cmdty> and after the first relevant for the first reading date of the relevant for the first reading date of the relevant for the first reading date of the first reading dat								Futures		
200,89 DE000N G5F311 Crude Oil NYME NYME Schange Crude Oil										
DE000N GF311 Crude Oil Nyme Bloomberg code: CLN2 Clederning down the relevant Futures Contract. Futures Contract. Commodity. Commo										
DE000N GSF311 Crude Oil OIL-WTI Initially SF311 OIL-WTI Initially OIL-WTI Initially OIL-WTI Initially OIL-WTI Initially OIL-WTI Initially OIL-WTI										
G5F311 Crude Oil -NYME Sloomberg code: CLN2 Cmdty2 and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract Contr	200 55	DECOC	11777	011 17	T 1.1 44	m'	(1) =1		LOE	mi 1
A code: CLN2	1 ′		1		-					
Composition	5	G5F311	Crude Oil			price				
after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Futures Contract. Contract. Agent, in the period commencing on the of previous (and ending not less than the part of the last trading date of the relevant Futures (and ending not less than the previous (and ending not less than the previous (and ending not less than the previous (and ending not less than the first volumes, and ending not less than the previous (and ending not less than the previous (and ending not less than the priod the priod the priod the commencing not less than the priod the priod the priod the priod of the the priod on the the priod on the the priod on the the priod on the previous (and the priod the priod on the the priod on the the priod on the the priod on the priod on the priod on the priod on the the priod on the priod the priod on the priod on the priod on the priod the				X					US Softs	
Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract. Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract. Rollover Date (or in the determin ed by the not less than Calculati on Calculati of the relevant Futures Contract of the Commodity. X Rollover Date (or in the the case of the first volumes, a Rollover and ending not less than Calculati on Commodity Agent. Commodity Agent. Rollover Date (or in the determin and ending not less than Calculati on the relevant Futures Contract of the relevant Futures Contract of the Commodity. Commodity. A date, as Calculation of Cal										Exchange
the Bloomberg page referring to the relevant Futures Contract. the Bloomberg page referring to the relevant Futures Contract. to the relevant Futures Contract. the Bloomberg page referring to the relevant Futures Contract. the Commencing on the expiration n with the the determin led by and ending not less than Calculati on Commodity. Agent. DEOOON G5F329 DEOOON G5F329 The Commencing on the commencing on the expiration of previous pate the first trading date of the relevant Futures Contract of the commodity. The (i) First A date, as Commodity and the commencing on the expiration of calculation of calculation of trading on the Exchange The Commencing on the commencing on the case of the first trading date of the relevant price month of the commencing on the expiration on the commencing on the expiration on the case of the relevant page referring to the relevant of the commencing on the expiration on the commencing on the expiration on the commencing on the expiration on the of the relevant of the expiration on the expiration on the commencing on the expiration on the period the commencing on the expiration on the commencing on the expiration on the previous the price commencing on the expiration on the previous the price commencing on the expiration on the previous the price commencing on the expiration on the price commencing on the expiration that the the determining to the expiration on the price commencing on the expiration on the price commencing on the expiration on the price commencing on the expiration that the determining the price case of the price commencing on t					after the first		expiratio	Agent, in the		
page referring to the relevant Futures Contract. Possible of the relevant Futures Contract					Rollover Date		n or (ii)	period		
to the relevant Futures Contract.					the Bloomberg		the	commencing		
to the relevant Futures Contract. Contract. Contract Contract. Contract Contract. Contract Contrac					page referring		month	on the		
Futures Contract. Futures Contract Futures Commodity Business Days prior to the last trading date of the relevant Futures Contract of the commencing month of Calculation A date, as determined by the Calculation Agent, in the Period Commedity Commedity Commedity Contract of the Commodity							of	previous		
Contract. Contract. In with the the case of highest volumes, a Rollover s Date the determin ed by and ending the not less than Calculati 5 on Commodity. Agent. Date (or in the case of highest volumes, a Rollover s Date the determin ed by and ending the not less than Calculati 5 on Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. Code: CLN2 X Code: CLN2 Code:							expiratio			
the highest volumes, a Rollover Date the Gase of the first volumes, a Rollover Date the Getermin ed by and ending not less than Calculati of on Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,89 G5F329 Crude Oil Signal Oil Oil Oil Oil Oil Oil Oil Oil Oil Oi										
A contact of the relevant Futures Contract of the Calculation on Girading on the Rollover Date the Hellower Scoots: CLN2 Commodity State of Calculation on Commodity. The code: CLN2 Commodity State of Calculation on Calculation on Commodity. The code: CLN2 Commodity State of Calculation on Calculation on Commodity. The code: CLN2 Commodity State of Calculation on or (ii) the commont on the period on the Exchange of the Previous State of the State of the Calculation on the Exchange on the state of the Calculation on or (ii) the commont of Calculation on the previous State of the State of the State of the State of the Calculation on the Exchange of the Exchange of the Calculation on the previous State of the State of the Calculation on the previous State of the State of the State of the State of the Calculation on the Exchange of the Calculation on the previous State of the State of the Calculation on the State of the Calculation on the State of the Stat					Contract.					
A commodity Commodity Contract of the relevant Calculation Cal										
Solute the Issue Date and ending not less than Calculation on Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,89							_			
Agent Business Days prior to the last trading date of the relevant Futures Contract of the Commodity							1			
Agent Bloomberg Code CLN2 Commodity Agent Calculation Commodity Commodity Commodity Commodity Calculation										
the Calculati 5 Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,89 DE000N G5F329 Crude Oil OIL-WTI Crude Oil Agent. Crude Oil OIL-WTI Rollowberg Code: CLN2 CCmdty> and after the first Rollover Date the Bloomberg page referring to the relevant of the commencing page referring to the relevant of the commencing month on the commencing on the previous Calculation the commodity. Commodity. A date, as determined by the Calculation expiration Agent, in the period the commencing month on the period on the previous										
Calculation Commodity Agent. Calculation Agent. Sommodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. The close of trading OIL-WTI Forude Oil Crude Oil Commodity Co										
Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity										
Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,89 DE000N G5F329 Crude Oil Agent. Pirice nor (ii) period Agent. Business Days prior to the last trading date of the relevant Futures Commodity. The (i) First nearby determined by the Calculation Futures of trading on the Exchange Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. The (i) First nearby determined by the Of Calculation Agent, in the nor (ii) period the commencing page referring the month on the of previous								_		
Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,89 DE000N G5F329 Crude Oil Crude Oil Roll Political Rollover Date the Bloomberg page referring to the relevant of the Rollover Date the Bloomberg page referring to the relevant of the commencing page referring to the relevant of the relevant of the relevant of the relevant of the price nearby determined by the Calculation expiration nor (ii) period the commencing month on the previous of trading on the relevant of the commencing page referring to the relevant of previous							on			
the last trading date of the relevant Futures Contract of the Commodity. 200,89 DE000N G5F329 Crude Oil SX Conde: CLN2 Comty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures (Contract of the Commodity). The Commodity is a determined by the of Calculation expiratio on the Exchange on the Exchange is a commencing month on the previous is a commencing of the commencing month on the previous is a commencing month on the previous is a commencing to the relevant in the last trading date of the last trading date of the relevant is a commencing to the relevant is a commencing to the relevant in the last trading date of the relevant is a commencing to the relevant in the last trading date of the relevant is a commencing to the relevant in the last trading date of the relevant is a commencing to the relevant in the last trading date of the relevant is a commencing to the commencing to the relevant in the last trading date of the relevant is a commencing to the commencing to the relevant in the last trading date of the relevant is a commencing to the commencing to the relevant in the relevant is a commencing to the relevant in the relevant in the relevant is a commencing to the relevant in the rel							Agent.			
Crude Oil Oil Crude Oil Crude Oil Crude Oil Crude Oil Crude Oil										
Contract of the relevant Futures Commodity.			1							
Crude Oil Crude Oil Crude Oil Crude Oil Rollower Date the Bloomberg page referring to the relevant Crude Oil Cru										
Contract of the Commodity. Softs Futures Contract of the Commodity. Crude Oil Oil Crude Oil Oil Crude Oil Crude Oil Oil Crude Oil Oil Crude Oil Oi										
Contract of the Commodity. Contract of the Commodity. Contract of the Commodity. Contract of the Commodity. Comm								relevant		
200,89 DE000N WTI OIL-WTI Initially G5F329 Crude Oil -NYME X Code: CLN2 Commodity National Code: CLN2 Code: CLN2 Commodity National Code: CLN2								Futures		
200,89 DE000N WTI OIL-WTI Initially G5F329 Crude Oil -NYME X Code: CLN2 Commodity National Code: CLN2 Code: CLN2 Commodity National Code: CLN2								Contract of		
DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close OF Crude Oil OF Commodity. OF OF OF OF OF OF OF										
200,89 DE000N WTI OIL-WTI Initially G5F329 Crude Oil -NYME Bloomberg code: CLN2 CCmdty> and after the first Rollover Date the Bloomberg page referring to the relevant to the										
G5F329 Crude Oil -NYME X Bloomberg code: CLN2 Softs On the Exchange Price Nearby month Sulfation Sulfati	200.89	DE000N	WTI	OII -WTI	Initially	The	(i) Firet		ICE	The close
X code: CLN2 month by the Calculation expiratio Agent, in the Rollover Date the Bloomberg page referring to the relevant to the relevant month of the Rollover Date to the relevant month of previous on the Exchange to the Calculation expiratio Agent, in the nor (ii) period the commencing month on the previous			1							
	[G3F329	Crude Oil			price				
after the first Rollover Date the Bloomberg page referring to the relevant Rollover Date of period the commencing month on the previous				A					US Softs	
Rollover Date the Bloomberg the Bloomberg page referring month on the to the relevant of previous										Exchange
the Bloomberg the commencing page referring month on the to the relevant of previous							-			
page referring month on the to the relevant of previous										
to the relevant of previous										
Futures expiratio Rollover										
		Ī	I	Ī	Futures	Ī	Levniratio	Rollover	I	

		_
Contract. n with Date (or in		
the the case of		
highest the first		
volumes, a Rollover		
S Date the		
determin Issue Date)		
ed by and ending		
the not less than		
Calculati 5		
on Commodity		
Agent. Business		
Days prior to		
the last		
trading date		
of the		
relevant		
Futures		
Contract of		
the		
Commodity.		
	CE The clos	e
7 G5F337 Crude Oil -NYME Bloomberg price nearby determined Fu	futures of tradin	g
	JS Softs on the	_
<pre><cmdty> and</cmdty></pre>	Exchang	e l
after the first expiratio Agent, in the		
Rollover Date n or (ii) period		
the Bloomberg the commencing		
page referring month on the		
to the relevant of previous		
Futures expiratio Rollover		
Contract. n with Date (or in		
the the case of		
highest the first		
volumes, a Rollover		
s Date the		
determin Issue Date)		
ed by and ending		
the not less than		
Calculati 5		
on Commodity		
Agent. Business		
Days prior to		
the last		
		I
trading date		I
of the		
relevant		I
Futures		I
Contract of		I
the		
Commodity.		
	CE The clos	e
	Sutures of tradin	- 1
	JS Softs on the	°
Code. CEN2 Informity by the CS CC CEN2 Code.		
	Exchang	,c
		I
Rollover Date n or (ii) period		
the Bloomberg the commencing		
page referring month on the		
to the relevant of previous		
Futures expiratio Rollover		

				1					
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						rigent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
200.00	DEACCT	11 //E1	OH 17777	T ',' 11	TT1	(i) E!	Commodity.	LOE	T1 1
200,89		WTI	OIL-WTI	Initially	The	(i) First	A date, as	ICE	The close
9	G5F352	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
			X	code: CLN2		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						· ·			
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
200.00	DEGGONI	WTI	OII WIT	Initialla:	TL.	(i) E:4		ICE	The alice
200,90		WTI	OIL-WTI		The	(i) First	A date, as	ICE	The close
0	G5F360	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
			X	code: CLN2		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		<u> </u>
				_			-	_	

	•			-					
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes,	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
200,90	DE000N	WTI	OIL-WTI	Initially	The	(i) First	A date, as	ICE	The close
1	G5F378	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
		1	X	code: CLN2		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						Agent.	Days prior to		
							the last		
		1					trading date		
		1					of the		
							relevant		
		1					Futures		
							Contract of		
							the		
L					<u></u>		Commodity.		
200,90	DE000N	WTI	OIL-WTI	Initially	The	(i) First	A date, as	ICE	The close
2	G5F386	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
			X	code: CLN2] -	month	by the	US Softs	on the
		1		<cmdty> and</cmdty>		of	Calculation		Exchange
		1		after the first		expiratio	Agent, in the		Lachange
		1		Rollover Date		n or (ii)	period		
		1		the Bloomberg		the			
							commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		

	1		1	~			ı		
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						1	Business		
						Agent.			
							Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
200,90	DE000N	WTI	OIL-WTI	Initially	The	(i) First	A date, as	ICE	The close
3	G5F394	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
]	GJ1 J 34	Crude On	X	code: CLN2	Price	month	by the	US Softs	on the
			Λ					OS SOIIS	
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures					
						expiratio	Rollover		
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						1 150111.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
200	DECOCT	11 //E*	OH 177	T 1,1 44	Tr'	(1) =1	Commodity.	LOE	mi i
200,90		WTI	OIL-WTI		The	(i) First	A date, as	ICE	The close
4	G5F4A6	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
			X	code: CLN2		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		Lachange
				Rollover Date		n or (ii)	period .		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
	L		l					L	

	1		1	-			ı		
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the			
							not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						"	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
		l					the		
		l					Commodity.		
200,90	DE000N	WTI	OIL-WTI	Initially	The	(i) First	A date, as	ICE	The close
5	G5F4B4	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
	GST ID I	Crude on	X	code: CLN2	Piles	month	by the	US Softs	on the
			A	<cmdty> and</cmdty>		of	Calculation	05 5016	
				after the first					Exchange
						expiratio	Agent, in the		
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
				Contract.		the	the case of		
						highest	the first		
						volumes, a			
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						Agent.	Days prior to		
							the last		
		l					trading date		
							of the		
		l					relevant		
		l					Futures		
							Contract of		
		l					the		
							Commodity.		
200,90	DE000N	WTI	OIL-WTI	Initially	The	(i) First	A date, as	ICE	The close
6		1	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
ľ	G5F4C2	Crude Oil			price				
		1	X	code: CLN2		month	by the	US Softs	on the
		1		<cmdty> and</cmdty>		of	Calculation		Exchange
		1		after the first		expiratio	Agent, in the		
		1		Rollover Date		n or (ii)	period		
		1		the Bloomberg		the	commencing		
		1		page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
	!	L	<u> </u>	- 000.00	L	piiano		L	

				1					
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						l'igent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
200,90	DE000N	WTI	OIL-WTI	Initially	The	(i) First	A date, as	ICE	The close
							· · · · · · · · · · · · · · · · · · ·		
7	G5F4D0	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
			X	code: CLN2		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures			Rollover		
						expiratio			
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
							the last		
							trading date		
		1					of the		
		1					relevant		
		1					Futures		
		1							
		1					Contract of		
							the		
		<u> </u>			<u> </u>	<u></u>	Commodity.		<u> </u>
200,90	DE000N	WTI	OIL-WTI	Initially	The	(i) First	A date, as	ICE	The close
8	G5F4E8	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
1	321 7110		X	code: CLN2		month	by the	US Softs	on the
		1	Λ	<cmdty> and</cmdty>		of	Calculation	OS SOIIS	
		1							Exchange
		1		after the first		expiratio	Agent, in the		
		1		Rollover Date		n or (ii)	period		
		1		the Bloomberg		the	commencing		
		1		page referring		month	on the		
				to the relevant		of	previous		
		1		Futures		expiratio	Rollover		
L	!	L	<u> </u>	- 000.00	L	piiano		L	

the the case of highest the first volumes, a Rollover Date the not less than Calculati on Commodity. 200,90 DE000N WTI Crude Oil -NYME Agent. 200,90 DE000N X X Combusters and the first Rollover Date the Rollover Date the First Rollover Date the Rollower Date the Rollower Date the Rollower Date the Bloomberg page referring to the relevant Futures Contract. 200,90 DE000N X X Combusters and the relevant Futures Contract of the Rollower Date the Bloomberg page referring to the relevant Futures Contract. 200,90 DE000N X X Combusters and the relevant Futures Contract of the Rollower Date the Bloomberg page referring to the relevant Futures Contract. 200,90 DE000N X X Combusters are the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. 200,90 DE000N X X Combusters are the first Rollover Date the Bloomberg page referring to the relevant Futures Contract of the Rollower Date the Bloomberg page referring to the relevant Futures Contract of the Rollower Date the Bloomberg page referring to the relevant Futures Contract of the Rollower Date the Bloomberg page referring to the relevant Futures Contract of the Rollower Date (or in the Rollower Date (or										
Bighest volumes, a Rollover Date the determin ed by and ending not less than Calculati Commodity.					Contract.		n with	Date (or in		
Volumes, a Rollover Date the determine led by the not less than Calculati 5 on Commodity.							the	the case of		
Date the determin led by and ending not less than Calculati 5 on Commodity Agent. Date the last trading date of the relevant Futures Contract of the Partures Commodity Agent. Date the last trading date of the relevant Futures Contract of the Partures Contract of the Partures Contract of the Partures Contract of the Partures Contract of the Commodity and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Date (or in the last trading date of the first volumes, a Rollover Date the first volumes, a Rollover Date the first volumes, a Rollover and ending not less than Calculation on Commodity and ending not less than Calculation on Calcula							highest	the first		
DEOON WTI OIL-WTI Initially Date (print)							volumes, a	Rollover		
DEOON WTI OIL-WTI Initially Date (print)							s	Date the		
200,90 DE-000N WTI OIL-WTI Initially The relevant Futures Calculation Calculation Calculation Commodity Contract of the Calculation Commodity Commodity Contract of the Calculation Calculatio							determin			
Calculation							1			
200,90 DE000N GSF4F5 Crude Oil Name of the Bloomberg According to the relevant Futures Contract of the Bloomberg page referring to the relevant Futures Contract. The close of the Rollover Date the Bloomberg page referring to the relevant Futures Contract. The close of the period the the Bloomberg page referring to the relevant Futures Contract. The close of the first volumes, a solution of the first volumes, a solution of the case of the first volumes. Solution of the first volumes, a solution of the case of the first volumes, a solution of the case of the first volumes. Solution of the case of the first volumes, a solution of the solution of the case of the first volumes, a solution of the solution of the solution of the solution of the case of the first volumes. Solution of the s										
200,90 DE000N SF4F5 Crude Oil X Crude Oil X Comtact of the relevant Futures Code; CLN2 Comtact of the Calculation Nor (ii) First Nor (iii) First N										
200,90 DE000N WTI OIL-WTI Initially Softs Futures Contract of the relevant Futures Commodity.										
200,90 DE000N WTI OIL-WTI Initially Service Contract of the last trading date of the relevant Futures Commodity. The price Commodity The close of trading on the case of the first volumes, a contract of the case of the first volumes, a contract of the case of the first volumes, a contract of the case of the first volumes, a contract of the case of the first volumes, a contract of the case of the first volumes, a contract of the case of the first volumes, a contract of the case of the first volumes, a contract of the case of the first volumes, a contract of the case of the first volumes, a contract of the case of the first volumes, a contract of the case of the first volumes, a contract of the case of the first volumes, a contract of the case of the first volumes, a contract of the case of the first volumes, a contract of the case of the case of the first volumes, a contract of the case of the case of the first volumes, a contract of the case of the case of the first volumes, a contract of the case of							on			
200,90 DE000N WTI OIL-WTI Initially Softs Contract of the relevant Futures Contract of the Commodity.							Agent.	Business		
200,90 DE000N WTI OIL-WTI Initially The relevant Futures Contract of the Commodity.								Days prior to		
200,90 DE000N OTTO OTTO DE000N OTTO O								the last		
200,90 DE000N OTTO OTTO DE000N OTTO O								trading date		
200,90 DE000N WTI OIL-WTI Initially The growth Futures Contract of the commodity. The price Calculation Agent, in the period Calculation Commodity Contract. The price Calculation										
200,90 DE000N G5F4F5 Crude Oil Crude Oil NYME NYME X Code: CLN2										
200,90 DE000N WTI OIL-WTI Initially SF4F5 Crude Oil OIL-WTI Initially Code: CLN2 Code:										
200,90 DE000N WTI Crude Oil -NYME Bloomberg code: CLN2 Cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract. Commodity C										
200,90 DE000N GF4F5 Crude Oil Calculation Calculatio										
DE000N G5F4F5 Crude Oil Crude Oil -NYME X Softs Commodity Code: CLN2 Code: C										
G5F4F5 Crude Oil -NYME X Bloomberg code: CLN2 < Cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Futures Contract. Futures Contract. G5F4F5 Crude Oil -NYME X Cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Futures Contract. Futures Contract. Futures Commencing on the period commencing on the previous expiration n with the the first volumes, a Rollover Date the first volumes, a Rollover S Date the Calculatin on Calculatin on Calculatin on Commodity Agent. Agent. Get Was Agent, in the period commencing on the Calculation on the Of Previous expiration n with the first volumes, a Rollover S Date the Calculatin on Calculatin on Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. Futures US Softs Of trading On the Exchange of trading on the Exchange of the Calculation on the Office approach to the Calculation on the Calculation on the Calculation on the Office of the Previous expiration on the Office of the Previous expir	<u></u>	<u></u>					<u></u>	Commodity.		
X code: CLN2 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract. X code: CLN2 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract. X code: CLN2 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. N with Date (or in the case of highest twolumes, a Rollover Date the determined by the Calculation on Calculation on Calculation on Calculation on Commodity Agent. Agent. Calculation Agent. Date (or in the determined by the Calculation on Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Calculation Agent, in the period commencing on the previous Rollover Date the Issue Date) and ending not less than Calculation the last trading date of the relevant Futures Contract of the Calculation Agent, in the period commencing on the previous Rollover Date the Issue Date) and ending not less than Calculation Agent. S Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close</cmdty></cmdty></cmdty>	200,90	DE000N	WTI	OIL-WTI	Initially	The	(i) First	A date, as	ICE	The close
X code: CLN2 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract. X code: CLN2 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract. S Date the determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of highest volumes, a Rollover Date the determined by the Commodity Business Date the Issue Date) and ending not less than Calculation Agent. Agent. Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close</cmdty></cmdty>	9	G5F4F5	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
Comdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract. Commodity Calculation after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract. Contract. Contract				X	code: CLN2	-	month	by the	US Softs	on the
after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract Rollover Date the Bloomberg page referring to the relevant Futures Contract					<cmdtv> and</cmdtv>		of			Exchange
Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract. Rollover Date the Bloomberg page referring to the relevant Futures Contract. Contract. Rollover Date (or in the the case of thighest volumes, a Rollover sonate determined by and ending the not less than Calculation of Commodity Agent. Rollover Date (ring the determined by and ending the not less than Calculation of Commodity Agent. Rollover Date (ring the determined by and ending the not less than Calculation of Commodity Agent. Rollover Date (ring the determined by and ending the not less than Calculation of Commodity Agent. Rollover Date (ring the determined by and ending the not less than Calculation of Commodity Agent. Rollover Date (ring the determined by and ending the not less than Calculation of Commodity Agent. Rollover Date (ring the determined by and ending the not less than Calculation of Commodity Agent. Rollover Date (ring the determined by and ending the not less than Calculation of Commodity Agent. Rollover Date (ring the determined by and ending the not less than Calculation of Commodity Agent. Rollover Date (ring the determined by and ending the not less than Calculation of Commodity Agent. Rollover Date (ring the determined by and ending the not less than Calculation of Commodity Agent. Rollover Date (ring the determined by and ending the not less than Calculation of Commodity Agent. Rollover Date (ring the determined by and ending the not less than Calculation of Commodity Agent. Rollover Date (ring the determined by and ending the not less than Calculation of Commodity Agent. Rollover Date (ring the determined by and ending the not less than Calculation of Commodity Agent. Rollover Date (ring the determined by and ending the not less than Calculation of Commodity Agent. Rollover Date (ring the determined by and ending the not less than Calculation of Commodity Agent. Rollover Date (ring the determined by and ending the not less than Calculation of Commodity Agent. Rollover Date (ring										Literiumge
the Bloomberg page referring to the relevant Futures Contract. The previous Rollover In with the case of highest the first volumes, a Rollover Issue Date leadetermin ed by and ending not less than Calculati to on Commodity Agent. The page referring to the commencing on the previous Rollover Issue Date (or in the determin ed by and ending not less than Calculati to on Commodity Agent. The page referring to the previous Rollover Issue Date (or in the lasse Date leading and ending not less than Calculati to on Commodity Agent. The page referring to the previous Rollover Issue Date (or in the lasse Date leading and ending not less than Calculati to on Commodity Agent. The page referring to the previous Rollover Issue Date (or in the case of highest trading and ending not less than Calculati to on Commodity The page referring to the previous Rollover The commodity Rollover The commodi										
page referring to the relevant Futures Contract. Date (or in the the case of highest two lumes, a Rollover S Date the determin ed by and ending not less than Calculati On Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.										
to the relevant Futures Contract. of expiratio n with the the case of highest volumes, a Rollover Date (or in the first volumes, a Rollover S Date the determin ed by and ending not less than Calculati on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,91 DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close										
Futures Contract. Futures Contract. Contract Rollover Date (or in the case of the first volumes, a Rollover Date the lassue Date) Date the lassue Date) Date the not less than Calculati One commodity Calculati One contract Calculati Calculati Calculati Calculati Calculati Calculati One contract Calculati Calcul										
Contract. In with the the case of highest two lumes, a Rollover solute and ending the determined the last trading date of the relevant Futures Contract of the Commodity. 200,91 DE000N WTI OIL-WTI Initially The library of the the case of highest the first volumes, a Rollover solutes and ending the last trading date of the relevant the last trading date of the commodity. In with the the case of the first volumes, a Rollover solutions the fi										
the highest volumes, a Rollover Sonate the determin ed by and ending not less than Calculati on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,91 DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close										
highest volumes, a Rollover Date the Issue Date) and ending not less than Calculati 5 on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,91 DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close					Contract.		1			
volumes, a Rollover s Date the lissue Date) and ending not less than Calculati on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,91 DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close							1			
s determin ed by and ending the not less than Calculati on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,91 DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close							_			
determin ed by and ending not less than Calculati 5 on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,91 DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close							volumes, a			
ed by the not less than Calculati on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close							S	Date the		
the not less than Calculati 5 on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,91 DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close							determin	Issue Date)		
the not less than Calculati 5 on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,91 DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close							ed by	and ending		
Calculati on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,91 DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close							the			
on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,91 DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close							Calculati			
Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,91 DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close								Commodity		
Days prior to the last trading date of the relevant Futures Contract of the Commodity. 200,91 DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close										
the last trading date of the relevant Futures Contract of the Commodity. 200,91 DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close							Agent.			
trading date of the relevant Futures Contract of the Commodity. 200,91 DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close										
of the relevant Futures Contract of the Commodity. 200,91 DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close										
relevant Futures Contract of the Commodity. 200,91 DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close										
Futures Contract of the Commodity. 200,91 DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close										
Contract of the Commodity. 200,91 DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close										
the Commodity. 200,91 DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close										
200,91 DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close										
200,91 DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close								the		
200,91 DE000N WTI OIL-WTI Initially The (i) First A date, as ICE The close								Commodity.		
	200,91	DE000N	WTI	OIL-WTI	Initially	The	(i) First		ICE	The close
X code: CLN2 month by the US Softs on the	1	0.1 703	Januar Oli							
				A					OB BOILS	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							1			Exchange
Rollover Date n or (ii) period										
the Bloomberg the commencing							1			
page referring month on the										
to the relevant of previous										
Futures expiratio Rollover]			Futures		expiratio	Rollover		

		Contract.	h with the case of highest the first volumes, a Rollover Date the determin Issue Date) ed by and ending the not less than Calculati 5 on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	the thighest to volumes, and so I determined by the Calculation Agent.	
28	Fund Certificate Provis	sions	Not Applicable	Applicable	
29	Government Bond Cer	tificate Provisions	Not Applicable	Applicable	
30	Other Bond Certificate	Provisions	Not Applicable	Applicable	
31	Index Futures Certifica	nte Provisions	Not Applicable	Applicable	
Ву:	on behalf of the Issuer:				
	uthorised				

PART B - OTHER INFORMATION

1 LISTING

(i)	Listing:	The Freiverkehr section of the Frankfurt Stock Exchange
(ii)	Admission to trading:	Application is expected to be made by the Issuer (or on its behalf) for the Certificates to be admitted to trading on The Freiverkehr section of the Frankfurt Stock Exchange
(iii)	Estimate of total expenses related to admission to trading:	EUR 500

2 RATINGS

Ratings: The Certificates to be issued will not be rated
--

3 INTERESTS OF NATURAL AND LEGAL PERSONS INVOLVED IN THE ISSUE

Save for any fees payable to the Dealers, so far as the Issuer is aware, no person involved in the offer of the Certificates has an interest material to the offer. The Dealers and their affiliates have engaged, and may in the future engage, in investment banking and/or commercial banking transactions with, and may perform other services for, the Issuer and its affiliates in the ordinary course of business.

4 REASONS FOR THE OFFER, ESTIMATED NET PROCEEDS AND TOTAL EXPENSES

(i) Reasons for the offer	See "Use of Proceeds" wording in Base Prospectus
(ii) Estimated total expenses	The terms of the Public Offer do not provide for any
	expenses and/or taxes to be charged to any purchaser
	of the Certificates

5 INFORMATION CONCERNING THE UNDERLYING

Underlying	Information on the underlying can be obtained from the below
	specified source.
WTI Crude Oil	The return on the Certificates is linked to the performance of the underlying Commodity. The price of the Commodity may go down as well as up throughout the life of the Certificates. Fluctuations in the price of the Commodity will affect the value of the Certificates. Information and details of the past and future performance of the Commodity and its volatility can be obtained from Bloomberg (Bloomberg code: CL1 <cmdty>)</cmdty>
Gold	The return on the Certificates is linked to the performance of the underlying Commodity. The price of the Commodity may go down as well as up throughout the life of the Certificates. Fluctuations in the price of the Commodity will affect the value of the Certificates. Information and details of the past and future performance of the

	Commodity and its volatility can be obtained from Bloomberg (Bloomberg code: XAU <crncy>)</crncy>
Brent Crude Oil	The return on the Certificates is linked to the performance of the underlying Commodity. The price of the Commodity may go down as well as up throughout the life of the Certificates. Fluctuations in the price of the Commodity will affect the value of the Certificates. Information and details of the past and future performance of the Commodity and its volatility can be obtained from Bloomberg (Bloomberg code: CO1 < Cmdty>)
Natural Gas	The return on the Certificates is linked to the performance of the underlying Commodity. The price of the Commodity may go down as well as up throughout the life of the Certificates. Fluctuations in the price of the Commodity will affect the value of the Certificates. Information and details of the past and future performance of the Commodity and its volatility can be obtained from Bloomberg (Bloomberg code: NG1 <cmdty>)</cmdty>

6 POST-ISSUANCE INFORMATION

Post-issuance information will be made available on the website of the Issuer www.ingmarkets.de, www.ingsprinters.nl, www.ingturbo.fr or any succesor website. There is no assurance that the Issuer will continue to provide such information for the life of the Certificates.

7 OPERATIONAL INFORMATION

(i)ISIN Code	(ii) Common Code	(iii) Other relevant code
DE000NG5F212	Not Applicable	NG5F21
DE000NG5F220	Not Applicable	NG5F22
DE000NG5F238	Not Applicable	NG5F23
DE000NG5F246	Not Applicable	NG5F24
DE000NG5F253	Not Applicable	NG5F25
DE000NG5F261	Not Applicable	NG5F26
DE000NG5F279	Not Applicable	NG5F27
DE000NG5F287	Not Applicable	NG5F28
DE000NG5F295	Not Applicable	NG5F29
DE000NG5F3A8	Not Applicable	NG5F3A
DE000NG5F3B6	Not Applicable	NG5F3B
DE000NG5F3C4	Not Applicable	NG5F3C
DE000NG5F3D2	Not Applicable	NG5F3D
DE000NG5F3E0	Not Applicable	NG5F3E
DE000NG5F3F7	Not Applicable	NG5F3F
DE000NG5F3G5	Not Applicable	NG5F3G
DE000NG5F3H3	Not Applicable	NG5F3H
DE000NG5F3J9	Not Applicable	NG5F3J
DE000NG5F3K7	Not Applicable	NG5F3K
DE000NG5F3L5	Not Applicable	NG5F3L
DE000NG5F3M3	Not Applicable	NG5F3M

DE000NG5F3N1	Not Applicable	NG5F3N
DE000NG5F3P6	Not Applicable	NG5F3P
DE000NG5F3Q4	Not Applicable	NG5F3Q
DE000NG5F3R2	Not Applicable	NG5F3R
DE000NG5F3S0	Not Applicable	NG5F3S
DE000NG5F3T8	Not Applicable	NG5F3T
DE000NG5F3U6	Not Applicable	NG5F3U
DE000NG5F3V4	Not Applicable	NG5F3V
DE000NG5F3W2	Not Applicable	NG5F3W
DE000NG5F3X0	Not Applicable	NG5F3X
DE000NG5F3Y8	Not Applicable	NG5F3Y
DE000NG5F3Z5	Not Applicable	NG5F3Z
DE000NG5F303	Not Applicable	NG5F30
DE000NG5F311	Not Applicable	NG5F31
DE000NG5F329	Not Applicable	NG5F32
DE000NG5F337	Not Applicable	NG5F33
DE000NG5F345	Not Applicable	NG5F34
DE000NG5F352	Not Applicable	NG5F35
DE000NG5F360	Not Applicable	NG5F36
DE000NG5F378	Not Applicable	NG5F37
DE000NG5F386	Not Applicable	NG5F38
DE000NG5F394	Not Applicable	NG5F39
DE000NG5F4A6	Not Applicable	NG5F4A
DE000NG5F4B4	Not Applicable	NG5F4B
DE000NG5F4C2	Not Applicable	NG5F4C
DE000NG5F4D0	Not Applicable	NG5F4D
DE000NG5F4E8	Not Applicable	NG5F4E
DE000NG5F4F5	Not Applicable	NG5F4F
DE000NG5F4G3	Not Applicable	NG5F4G

(iv)	Name of the Principal Certificate Agent	ING Bank N.V.

8 DISTRIBUTION

(i)	Details of any clearing system other than Euroclear Netherlands:	Clearstream Banking AG, Eschborn
	(a) details of the appropriate clearing code/number:	Not Applicable
	(b) further details regarding the form of Certificates	European Certificates
(ii)	Non-exempt offer:	An offer of Certificates may be made by the Issuer other than pursuant to Article 3(2) of the Prospectus Regulation in Germany, France, the Netherlands, Belgium, Spain and Italy (each a "Public Offer Jurisdiction" and together the "Public Offer Jurisdictions").
(iii)	Prohibition of Sales to EEA Retail Investors:	Not Applicable
(iv)	Prohibition of Sales to UK Retail Investors:	Not Applicable
(v) l	Prohibition of Sales to Belgian Consumers:	Not Applicable

9 GENERAL

Conditions to which the offer is subject:	There is no subscription period and the offer of
	Certificates is not subject to any conditions imposed by
	the Issuer.

ANNEX

ISSUE SPECIFIC SUMMARY OF THE CERTIFICATES AND THE KEY INFORMATION DOCUMENT ARE AVAILABLE ON THE WEBITES OF THE ISSUER WWW.INGMARKETS.DE, WWW.INGSPRINTERS.NL AND WWW.INGTURBOS.FR