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
222,761	NG5005	DE000NG50051	1,000,000	ING Long Commodity Open End Turbo Certificate
222,762	NG5006	DE000NG50069	1,000,000	ING Long Commodity Open End Turbo Certificate
222,763	NG5007	DE000NG50077	1,000,000	ING Long Commodity Open End Turbo Certificate
222,764	NG5008	DE000NG50085	1,000,000	ING Long Commodity Open End Turbo Certificate
222,765	NG5009	DE000NG50093	1,000,000	ING Long Commodity Open End Turbo Certificate
222,766	NG501A	DE000NG501A5	1,000,000	ING Long Commodity Open End Turbo Certificate
222,767	NG501B	DE000NG501B3	1,000,000	ING Long Commodity Open End Turbo Certificate
222,768	NG501C	DE000NG501C1	1,000,000	ING Long Commodity Open End Turbo Certificate
222,769	NG501D	DE000NG501D9	1,000,000	ING Long Commodity Open End Turbo Certificate
222,770	NG501E	DE000NG501E7	1,000,000	ING Long Commodity Open End Turbo Certificate
222,771	NG501F	DE000NG501F4	1,000,000	ING Long Commodity Open End Turbo Certificate
222,772	NG501G	DE000NG501G2	1,000,000	ING Long Commodity Open End Turbo Certificate
222,773	NG501H	DE000NG501H0	1,000,000	ING Long Commodity Open End Turbo Certificate
222,774	NG501J	DE000NG501J6	1,000,000	ING Long Commodity Open End Turbo Certificate
222,775	NG501K	DE000NG501K4	1,000,000	ING Long Commodity Open End Turbo Certificate
222,776	NG501L	DE000NG501L2	1,000,000	ING Long Commodity Open End Turbo Certificate
222,777	NG501M	DE000NG501M0	1,000,000	ING Long Commodity Open End Turbo Certificate
222,778	NG501N	DE000NG501N8	1,000,000	ING Long Commodity Open End Turbo Certificate
222,779	NG501P	DE000NG501P3	1,000,000	ING Long Commodity Open End Turbo Certificate
222,780	NG501Q	DE000NG501Q1	1,000,000	ING Long Commodity Open End Turbo Certificate
222,781	NG501R	DE000NG501R9	1,000,000	ING Long Commodity Open End Turbo Certificate
222,782	NG501S	DE000NG501S7	1,000,000	ING Long Commodity Open End Turbo Certificate
222,783	NG501T	DE000NG501T5	1,000,000	ING Long Commodity Open End Turbo

				Certificate
222,784	NG501U	DE000NG501U3	1,000,000	ING Long Commodity Open End Turbo
	NGCOLV	DEGOOLGEOILUI		Certificate
222,785	NG501V	DE000NG501V1	1,000,000	ING Long Commodity Open End Turbo
	NCCOLW	DEGODICEGIUG	1	Certificate
222,786	NG501W	DE000NG501W9	1,000,000	ING Long Commodity Open End Turbo
200 707	NC501V	DE000MC501W7	500.000	Certificate
222,787	NG501X	DE000NG501X7	500,000	ING Long Commodity Open End Turbo
202 700	NC501V	DE000NC501V5	500.000	Certificate
222,788	NG501Y	DE000NG501Y5	500,000	ING Long Commodity Open End Turbo
222 790	NG501Z	DE000NG501Z2	500.000	
222,789	NUJUIZ	DE000IN0301Z2	500,000	ING Long Commodity Open End Turbo Certificate
222,790	NG5010	DE000NG50101	500,000	ING Long Commodity Open End Turbo
222,790	1103010	DE00010030101	300,000	Certificate
222,791	NG5011	DE000NG50119	500,000	ING Long Commodity Open End Turbo
222,791	1000011	DE00010000117	300,000	Certificate
222,792	NG5012	DE000NG50127	500,000	ING Long Commodity Open End Turbo
222,192	1103012	DE0001000127	500,000	Certificate
222,793	NG5013	DE000NG50135	500,000	ING Long Commodity Open End Turbo
222,193			500,000	Certificate
222,794	NG5014	DE000NG50143	500,000	ING Long Commodity Open End Turbo
222,194	1105011	DECCONCESCINS	500,000	Certificate
222,795	NG5015	DE000NG50150	500,000	ING Long Commodity Open End Turbo
222,195	1105015	DE00011030130	500,000	Certificate
222,796	NG5016	DE000NG50168	500,000	ING Long Commodity Open End Turbo
222,190	1105010	DECCONCESCION	500,000	Certificate
222,797	NG5017	DE000NG50176	500,000	ING Long Commodity Open End Turbo
222,191	1.00017	2200011020110	500,000	Certificate
222,798	NG5018	DE000NG50184	500,000	ING Long Commodity Open End Turbo
,,,,0			200,000	Certificate
222,799	NG5019	DE000NG50192	500,000	ING Long Commodity Open End Turbo
,,,,,,			200,000	Certificate
222,800	NG502A	DE000NG502A3	500,000	ING Long Commodity Open End Turbo
,			,	Certificate
222,801	NG502B	DE000NG502B1	500,000	ING Long Commodity Open End Turbo
,				Certificate
222,802	NG502C	DE000NG502C9	500,000	ING Long Commodity Open End Turbo
·				Certificate
222,803	NG502D	DE000NG502D7	500,000	ING Long Commodity Open End Turbo
				Certificate
222,804	NG502E	DE000NG502E5	500,000	ING Long Commodity Open End Turbo
				Certificate
222,805	NG502F	DE000NG502F2	500,000	ING Long Commodity Open End Turbo
				Certificate
222,806	NG502G	DE000NG502G0	500,000	ING Long Commodity Open End Turbo
				Certificate
222,807	NG502H	DE000NG502H8	500,000	ING Long Commodity Open End Turbo
				Certificate
222,808	NG502J	DE000NG502J4	500,000	ING Long Commodity Open End Turbo
				Certificate
222,809	NG502K	DE000NG502K2	500,000	ING Long Commodity Open End Turbo
				Certificate
222,810	NG502L	DE000NG502L0	500,000	ING Long Commodity Open End Turbo
				Certificate
222,811	NG502M	DE000NG502M8	500,000	ING Long Commodity Open End Turbo

				Certificate
222,812	NG502N	DE000NG502N6	500,000	ING Long Commodity Open End Turbo
		DECCORE CORE		Certificate
222,813	NG502P	DE000NG502P1	500,000	ING Long Commodity Open End Turbo
	110.000			Certificate
222,814	NG502Q	DE000NG502Q9	500,000	ING Long Commodity Open End Turbo
				Certificate
222,815	NG502R	DE000NG502R7	500,000	ING Long Commodity Open End Turbo
				Certificate
222,816	NG502S	DE000NG502S5	500,000	ING Long Commodity Open End Turbo
				Certificate
222,817	NG502T	DE000NG502T3	500,000	ING Long Commodity Open End Turbo
				Certificate
222,818	NG502U	DE000NG502U1	500,000	ING Long Commodity Open End Turbo
				Certificate
222,819	NG502V	DE000NG502V9	500,000	ING Long Commodity Open End Turbo
				Certificate
222,820	NG502W	DE000NG502W7	500,000	ING Long Commodity Open End Turbo
				Certificate
222,821	NG502X	DE000NG502X5	500,000	ING Long Commodity Open End Turbo
				Certificate
222,822	NG502Y	DE000NG502Y3	500,000	ING Long Commodity Open End Turbo
				Certificate
222,823	NG502Z	DE000NG502Z0	500,000	ING Long Commodity Open End Turbo
				Certificate
222,824	NG5020	DE000NG50200	500,000	ING Long Commodity Open End Turbo
				Certificate
222,825	NG5021	DE000NG50218	500,000	ING Long Commodity Open End Turbo
				Certificate
222,826	NG5022	DE000NG50226	500,000	ING Long Commodity Open End Turbo
				Certificate
222,827	NG5023	DE000NG50234	500,000	ING Long Commodity Open End Turbo
				Certificate
222,828	NG5024	DE000NG50242	500,000	ING Long Commodity Open End Turbo
				Certificate
222,829	NG5025	DE000NG50259	500,000	ING Long Commodity Open End Turbo
				Certificate
222,830	NG5026	DE000NG50267	500,000	ING Long Commodity Open End Turbo
				Certificate
222,831	NG5027	DE000NG50275	500,000	ING Long Commodity Open End Turbo
				Certificate
222,832	NG5028	DE000NG50283	500,000	ING Long Commodity Open End Turbo
				Certificate
222,833	NG5029	DE000NG50291	500,000	ING Long Commodity Open End Turbo
				Certificate
222,834	NG503A	DE000NG503A1	500,000	ING Long Commodity Open End Turbo
				Certificate
222,835	NG503B	DE000NG503B9	500,000	ING Long Commodity Open End Turbo
				Certificate
222,836	NG503C	DE000NG503C7	500,000	ING Long Commodity Open End Turbo
				Certificate
222,837	NG503D	DE000NG503D5	1,000,000	ING Long Commodity Open End Turbo
				Certificate
222,838	NG503E	DE000NG503E3	1,000,000	ING Long Commodity Open End Turbo
,				Certificate
222,839	NG503F	DE000NG503F0	1,000,000	ING Long Commodity Open End Turbo

				Certificate
222,840	NG503G	DE000NG503G8	250,000	ING Long Commodity Open End Turbo
				Certificate
222,841	NG503H	DE000NG503H6	250,000	ING Long Commodity Open End Turbo
				Certificate
222,842	NG503J	DE000NG503J2	250,000	ING Long Commodity Open End Turbo
				Certificate
222,843	NG503K	DE000NG503K0	250,000	ING Long Commodity Open End Turbo
				Certificate
222,844	NG503L	DE000NG503L8	250,000	ING Long Commodity Open End Turbo
				Certificate
222,845	NG503M	DE000NG503M6	250,000	ING Long Commodity Open End Turbo
				Certificate
222,846	NG503N	DE000NG503N4	250,000	ING Long Commodity Open End Turbo
				Certificate
222,847	NG503P	DE000NG503P9	250,000	ING Long Commodity Open End Turbo
				Certificate
222,848	NG503Q	DE000NG503Q7	500,000	ING Long Commodity Open End Turbo
				Certificate
222,849	NG503R	DE000NG503R5	500,000	ING Long Commodity Open End Turbo
				Certificate
222,850	NG503S	DE000NG503S3	500,000	ING Long Commodity Open End Turbo
				Certificate
222,851	NG503T	DE000NG503T1	500,000	ING Long Commodity Open End Turbo
				Certificate
222,852	NG503U	DE000NG503U9	500,000	ING Long Commodity Open End Turbo
				Certificate
222,853	NG503V	DE000NG503V7	500,000	ING Long Commodity Open End Turbo
				Certificate
222,854	NG503W	DE000NG503W5	500,000	ING Long Commodity Open End Turbo
				Certificate
222,855	NG503X	DE000NG503X3	500,000	ING Long Commodity Open End Turbo
				Certificate
222,856	NG503Y	DE000NG503Y1	500,000	ING Long Commodity Open End Turbo
				Certificate

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 target market assessment) and determining appropriate distribution channels, subject to the distributor'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 Certifiates 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 04 August 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:	
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:	31 October 2022
6	Issue Date:	02 November 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	ISIN Code	Number	Issue	Current	Curre	Maxi	Current	Maxi	Minim	Stop	Stop	Entit	Finan
Numb		of	price	Financi	nt	mum	Stop	mum	um	Loss	Loss	lem	cing
er of		Certificate	per	ng	Sprea	Sprea	Loss	Premi	Premi	Price	Price	ent	Level
the		s being	Certifi	Level	d on	d	Premiu	um	um	on the	Roun		Curre
Certifi		issued	cate	on the	the		m			Trade	ding		ncy
cates				Trade	Trade		Rate			Date			
				Date	Date		on the						
							Trade						
							Date						
222,76	DE000NG5	1,000,000	0.04	93.6800	3.5	5.0	7.5	20.0	0.0	93.6800	0.01	0.1	USD
1	0051			000000						000000			
222,76	DE000NG5	1,000,000	0.06		3.5	5.0	7.5	20.0	0.0	93.4300	0.01	0.1	USD
2	0069			000000						000000			
222,76	DE000NG5	1,000,000	0.09	93.1800	3.5	5.0	7.5	20.0	0.0	93.1800	0.01	0.1	USD
3	0077			000000						000000			
222,76	DE000NG5	1,000,000	0.11	92.9300	3.5	5.0	7.5	20.0	0.0	92.9300	0.01	0.1	USD
4	0085			000000						000000			
222,76	DE000NG5	1,000,000	0.14	92.6800	3.5	5.0	7.5	20.0	0.0	92.6800	0.01	0.1	USD
5	0093			000000						000000			
222,76	DE000NG5	1,000,000	0.16	92.4300	3.5	5.0	7.5	20.0	0.0	92.4300	0.01	0.1	USD
6	01A5			000000						000000			
222,76	DE000NG5	1,000,000	0.19	92.1800	3.5	5.0	7.5	20.0	0.0	92.1800	0.01	0.1	USD
7	01B3			000000						000000			
222,76	DE000NG5	1,000,000	0.21	91.9300	3.5	5.0	7.5	20.0	0.0	91.9300	0.01	0.1	USD
8	01C1			000000						000000			
222,76	DE000NG5	1,000,000	0.24	91.6800	3.5	5.0	7.5	20.0	0.0	91.6800	0.01	0.1	USD
9	01D9			000000				20.0	0.0	000000			

222,77	DE000NG5	1,000,000	0.27	91.4300	3.5	5.0	7.5	20.0	0.0	91.4300	0.01	0.1	USD
0	01E7	1,000,000	0.27	000000	5.0	0.00	,	20.0	0.0	000000	0.01	0.1	CDD
222,77 1	DE000NG5 01F4	1,000,000	0.29	91.1800 000000	3.5	5.0	7.5	20.0	0.0	91.1800 000000	0.01	0.1	USD
222,77 2	DE000NG5 01G2	1,000,000	0.32	90.9300 000000	3.5	5.0	7.5	20.0	0.0	90.9300 000000	0.01	0.1	USD
222,77 3	DE000NG5 01H0	1,000,000	0.34	90.6800 000000	3.5	5.0	7.5	20.0	0.0	90.6800 000000	0.01	0.1	USD
222,77	DE000NG5 01J6	1,000,000	0.37	90.4300 000000	3.5	5.0	7.5	20.0	0.0	90.4300 000000	0.01	0.1	USD
222,77	DE000NG5 01K4	1,000,000	0.39	90.1800 000000	3.5	5.0	7.5	20.0	0.0	90.1800 000000	0.01	0.1	USD
222,77 6	DE000NG5 01L2	1,000,000	0.42	89.9300 000000	3.5	5.0	7.5	20.0	0.0	89.9300	0.01	0.1	USD
0 222,77 7	DE000NG5 01M0	1,000,000	0.44	89.6800 000000	3.5	5.0	7.5	20.0	0.0	000000 89.6800	0.01	0.1	USD
222,77	DE000NG5 01N8	1,000,000	0.47	89.4300 000000	3.5	5.0	7.5	20.0	0.0	000000 89.4300	0.01	0.1	USD
8 222,77	DE000NG5 01P3	1,000,000	0.49	89.1800 000000	3.5	5.0	7.5	20.0	0.0	000000 89.1800	0.01	0.1	USD
9 222,78 0	DE000NG5 01Q1	1,000,000	0.52	88.9300 000000	3.5	5.0	7.5	20.0	0.0	000000 88.9300	0.01	0.1	USD
222,78	DE000NG5 01R9	1,000,000	0.54	88.6800 000000	3.5	5.0	7.5	20.0	0.0	000000 88.6800	0.01	0.1	USD
1 222,78 2	DE000NG5 01S7	1,000,000	0.57	88.4300 000000	3.5	5.0	7.5	20.0	0.0	000000 88.4300 000000	0.01	0.1	USD
2 222,78 3	DE000NG5 01T5	1,000,000	0.59	88.1800 000000	3.5	5.0	7.5	20.0	0.0	88.1800 000000	0.01	0.1	USD
222,78 4	DE000NG5 01U3	1,000,000	0.62	87.9300 000000	3.5	5.0	7.5	20.0	0.0	87.9300 000000	0.01	0.1	USD
4 222,78 5	DE000NG5 01V1	1,000,000	0.64	87.6800 000000	3.5	5.0	7.5	20.0	0.0	87.6800 000000	0.01	0.1	USD
222,78 6	DE000NG5 01W9	1,000,000	0.67	87.4300 000000	3.5	5.0	7.5	20.0	0.0	87.4300 000000	0.01	0.1	USD
222,78 7	DE000NG5 01X7	500,000	0.14	1647.92 000000 00	3.5	5.0	3.0	20.0	0.0	1647.92 000000 00	0.01	0.1	USD
222,78 8	DE000NG5 01Y5	500,000	0.29	1646.42 000000 00	3.5	5.0	3.0	20.0	0.0	1646.42 000000 00	0.01	0.1	USD
222,78 9	DE000NG5 01Z2	500,000	0.44		3.5	5.0	3.0	20.0	0.0	1644.92 000000 00	0.01	0.1	USD
222,79 0	DE000NG5 0101	500,000	0.59		3.5	5.0	3.0	20.0	0.0	1643.42 000000 00	0.01	0.1	USD
222,79 1	DE000NG5 0119	500,000	0.74		3.5	5.0	3.0	20.0	0.0	1641.92 000000 00	0.01	0.1	USD
222,79 2	DE000NG5 0127	500,000	0.89		3.5	5.0	3.0	20.0	0.0	1640.42 000000 00	0.01	0.1	USD
222,79 3	DE000NG5 0135	500,000	1.04		3.5	5.0	3.0	20.0	0.0	1638.92 000000 00	0.01	0.1	USD
222,79 4	DE000NG5 0143	500,000	1.19		3.5	5.0	3.0	20.0	0.0	1637.42 000000 00	0.01	0.1	USD
222,79	DE000NG5	500,000	1.34		3.5	5.0	3.0	20.0	0.0	1635.92	0.01	0.1	USD

5	0150		1	000000						000000			
				00						00			
222,79 6	DE000NG5 0168	500,000	1.49	1634.42 000000 00	3.5	5.0	3.0	20.0	0.0	1634.42 000000 00	0.01	0.1	USD
222,79 7	DE000NG5 0176	500,000	1.64	1632.92 000000 00	3.5	5.0	3.0	20.0	0.0	1632.92 000000 00	0.01	0.1	USD
222,79 8	DE000NG5 0184	500,000	1.79	1631.42 000000 00	3.5	5.0	3.0	20.0	0.0	1631.42 000000 00	0.01	0.1	USD
222,79 9	DE000NG5 0192	500,000	1.95	1629.92 000000 00	3.5	5.0	3.0	20.0	0.0	1629.92 000000 00	0.01	0.1	USD
222,80 0	DE000NG5 02A3	500,000	2.1	1628.42 000000 00	3.5	5.0	3.0	20.0	0.0	1628.42 000000 00	0.01	0.1	USD
222,80 1	DE000NG5 02B1	500,000	2.25	1626.92 000000 00	3.5	5.0	3.0	20.0	0.0	1626.92 000000 00	0.01	0.1	USD
222,80 2	DE000NG5 02C9	500,000	2.4	1625.42 000000 00	3.5	5.0	3.0	20.0	0.0	1625.42 000000 00	0.01	0.1	USD
222,80 3	DE000NG5 02D7	500,000	2.55	1623.92 000000 00	3.5	5.0	3.0	20.0	0.0	1623.92 000000 00	0.01	0.1	USD
222,80 4	DE000NG5 02E5	500,000	2.7	1622.42 000000 00	3.5	5.0	3.0	20.0	0.0	1622.42 000000 00	0.01	0.1	USD
222,80 5	DE000NG5 02F2	500,000	2.85	1620.92 000000 00	3.5	5.0	3.0	20.0	0.0	1620.92 000000 00	0.01	0.1	USD
222,80 6	DE000NG5 02G0	500,000	35.59	1294.93 000000 00	3.5	5.0	3.0	20.0	0.0	1294.93 000000 00	0.01	0.1	USD
222,80 7	DE000NG5 02H8	500,000	35.74	1293.43 000000 00	3.5	5.0	3.0	20.0	0.0	1293.43 000000 00	0.01	0.1	USD
222,80 8	DE000NG5 02J4	500,000	35.89	1291.93 000000 00	3.5	5.0	3.0	20.0	0.0	1291.93 000000 00	0.01	0.1	USD
222,80 9	DE000NG5 02K2	500,000	36.04	1290.43 000000 00	3.5	5.0	3.0	20.0	0.0	1290.43 000000 00	0.01	0.1	USD
222,81 0	DE000NG5 02L0	500,000	36.19	1288.93 000000 00	3.5	5.0	3.0	20.0	0.0	1288.93 000000 00	0.01	0.1	USD
222,81 1	DE000NG5 02M8	500,000	36.34	1287.43 000000 00	3.5	5.0	3.0	20.0	0.0	1287.43 000000 00	0.01	0.1	USD
222,81 2	DE000NG5 02N6	500,000	36.49	1285.93 000000 00	3.5	5.0	3.0	20.0	0.0	1285.93 000000 00	0.01	0.1	USD
222,81 3	DE000NG5 02P1	500,000	36.64	1284.43 000000 00	3.5	5.0	3.0	20.0	0.0	1284.43 000000 00	0.01	0.1	USD
222,81 4	DE000NG5 02Q9	500,000	36.79	1282.93 000000 00	3.5	5.0	3.0	20.0	0.0	1282.93 000000 00	0.01	0.1	USD
222,81	DE000NG5	500,000	36.94	1281.43	3.5	5.0	3.0	20.0	0.0	1281.43	0.01	0.1	USD

5	02R7		1	000000		1				000000			
222.01	DEGODICE	500.000	27.00	00	2.5	5.0	2.0			00	0.01	0.1	
222,81 6	DE000NG5 02S5	500,000	37.09	1279.93 000000 00	3.5	5.0	3.0	20.0	0.0	1279.93 000000 00	0.01	0.1	USD
222,81 7	DE000NG5 02T3	500,000	37.24	1278.43 000000 00	3.5	5.0	3.0	20.0	0.0	1278.43 000000 00	0.01	0.1	USD
222,81 8	DE000NG5 02U1	500,000	37.39	1276.93 000000 00	3.5	5.0	3.0	20.0	0.0	1276.93 000000 00	0.01	0.1	USD
222,81 9	DE000NG5 02V9	500,000	37.54	1275.43 000000 00	3.5	5.0	3.0	20.0	0.0	1275.43 000000 00	0.01	0.1	USD
222,82 0	DE000NG5 02W7	500,000	37.69	1273.93 000000 00	3.5	5.0	3.0	20.0	0.0	1273.93 000000 00	0.01	0.1	USD
222,82 1	DE000NG5 02X5	500,000	37.84	1272.43 000000 00	3.5	5.0	3.0	20.0	0.0	1272.43 000000 00	0.01	0.1	USD
222,82 2	DE000NG5 02Y3	500,000	37.99	1270.93 000000 00	3.5	5.0	3.0	20.0	0.0	1270.93 000000 00	0.01	0.1	USD
222,82 3	DE000NG5 02Z0	500,000	38.15	1269.43 000000 00	3.5	5.0	3.0	20.0	0.0	1269.43 000000 00	0.01	0.1	USD
222,82 4	DE000NG5 0200	500,000	38.3	1267.93 000000 00	3.5	5.0	3.0	20.0	0.0	1267.93 000000 00	0.01	0.1	USD
222,82 5	DE000NG5 0218	500,000	38.45	1266.43 000000 00	3.5	5.0	3.0	20.0	0.0	1266.43 000000 00	0.01	0.1	USD
222,82 6	DE000NG5 0226	500,000	38.6	1264.93 000000 00	3.5	5.0	3.0	20.0	0.0	1264.93 000000 00	0.01	0.1	USD
222,82 7	DE000NG5 0234	500,000	38.75	1263.43 000000 00	3.5	5.0	3.0	20.0	0.0	1263.43 000000 00	0.01	0.1	USD
222,82 8	DE000NG5 0242	500,000	38.9	1261.93 000000 00	3.5	5.0	3.0	20.0	0.0	1261.93 000000 00	0.01	0.1	USD
222,82 9	DE000NG5 0259	500,000	39.05	1260.43 000000 00	3.5	5.0	3.0	20.0	0.0	1260.43 000000 00	0.01	0.1	USD
222,83 0	DE000NG5 0267	500,000	39.2	1258.93 000000 00	3.5	5.0	3.0	20.0	0.0	1258.93 000000 00	0.01	0.1	USD
222,83 1	DE000NG5 0275	500,000	39.35	1257.43 000000 00	3.5	5.0	3.0	20.0	0.0	1257.43 000000 00	0.01	0.1	USD
222,83 2	DE000NG5 0283	500,000	39.5	1255.93 000000 00	3.5	5.0	3.0	20.0	0.0	1255.93 000000 00	0.01	0.1	USD
222,83 3	DE000NG5 0291		39.65	1254.43 000000 00	3.5	5.0	3.0	20.0	0.0	1254.43 000000 00	0.01	0.1	USD
222,83 4	DE000NG5 03A1	500,000	39.8	1252.93 000000 00	3.5	5.0	3.0	20.0	0.0	1252.93 000000 00	0.01	0.1	USD
222,83	DE000NG5	500,000	39.95	1251.43	3.5	5.0	3.0	20.0	0.0	1251.43	0.01	0.1	USD

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				00						00			
222,83 6	DE000NG5 03C7	500,000	40.1	1249.93 000000 00	3.5	5.0	3.0	20.0	0.0	1249.93 000000 00	0.01	0.1	USD
222,83 7	DE000NG5 03D5	1,000,000	0.17	5.64200 00000	3.5	5.0	10.0	20.0	0.0	5.64200 00000	0.001	1.0	USD
222,83 8	DE000NG5 03E3	1,000,000	0.27	5.54200 00000	3.5	5.0	10.0	20.0	0.0	5.54200 00000	0.001	1.0	USD
222,83 9	DE000NG5 03F0	1,000,000	0.37	5.44200 00000	3.5	5.0	10.0	20.0	0.0	5.44200 00000	0.001	1.0	USD
222,84 0	DE000NG5 03G8	250,000	0.08	943.260 000000 0	3.5	5.0	5.0	20.0	0.0	943.260 000000 0	0.01	0.01	USD
222,84 1	DE000NG5 03H6	250,000	0.18	933.260 000000 0	3.5	5.0	5.0	20.0	0.0	933.260 000000 0	0.01	0.01	USD
222,84 2	DE000NG5 03J2	250,000	0.28	923.260 000000 0	3.5	5.0	5.0	20.0	0.0	923.260 000000 0	0.01	0.01	USD
222,84 3	DE000NG5 03K0	250,000	0.38	913.260 000000 0	3.5	5.0	5.0	20.0	0.0	913.260 000000 0	0.01	0.01	USD
222,84 4	DE000NG5 03L8	250,000	0.48	903.260 000000 0	3.5	5.0	5.0	20.0	0.0	903.260 000000 0	0.01	0.01	USD
222,84 5	DE000NG5 03M6	250,000	0.58	893.260 000000 0	3.5	5.0	5.0	20.0	0.0	893.260 000000 0	0.01	0.01	USD
222,84 6	DE000NG5 03N4	250,000	0.68	883.260 000000 0	3.5	5.0	5.0	20.0	0.0	883.260 000000 0	0.01	0.01	USD
222,84 7	DE000NG5 03P9	250,000	0.78	873.260 000000 0	3.5	5.0	5.0	20.0	0.0	873.260 000000 0	0.01	0.01	USD
222,84 8	DE000NG5 03Q7	500,000	0.1	19.1073 000000	3.5	5.0	4.0	20.0	0.0	19.1073 000000	0.000 1	1.0	USD
222,84 9	DE000NG5 03R5	500,000	0.2	19.0073 000000	3.5	5.0	4.0	20.0	0.0	19.0073 000000	0.000 1	1.0	USD
222,85 0	DE000NG5 03S3	500,000	0.3	18.9073 000000	3.5	5.0	4.0	20.0	0.0	18.9073 000000	0.000 1	1.0	USD
222,85 1	DE000NG5 03T1	500,000	0.4	18.8073 000000	3.5	5.0	4.0	20.0	0.0	18.8073 000000	0.000 1	1.0	USD
222,85 2	DE000NG5 03U9	500,000	0.5	18.7073 000000	3.5	5.0	4.0	20.0	0.0	18.7073 000000	0.000 1	1.0	USD
222,85 3	DE000NG5 03V7	500,000	0.6	18.6073 000000	3.5	5.0	4.0	20.0	0.0	18.6073 000000	0.000 1	1.0	USD
222,85 4	DE000NG5 03W5	500,000	0.7	18.5073 000000	3.5	5.0	4.0	20.0	0.0	18.5073 000000	0.000 1	1.0	USD
222,85 5	DE000NG5 03X3	500,000	0.8	18.4073 000000	3.5	5.0	4.0	20.0	0.0	18.4073 000000	0.000 1	1.0	USD
222,85 6	DE000NG5 03Y1	500,000	0.91	18.3073 000000	3.5	5.0	4.0	20.0	0.0	18.3073 000000	0.000 1	1.0	USD

ADDITIONAL SPECIFIC PRODUCT RELATED PROVISIONS:

24	Index Certificate Provisions	Not Applicable
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25	Share Certificate Provisions	Not Applicable			
-	r				
26	Currency Certificate Provisions	Not Applicable			
27	Commodity Certificate Provisions	Applicable			

Series Numb er of the Certifi cates	ISIN Code	(i) Commodi ty	(ii) Commo dity Referen ce Price	(iii) Price Source/ Reference Dealers	(iv) Speci fied Price	(v) Delivery Dates	(vi) Rollover Date	(vii) Exchang e	(viii) Valuation Time
222,76	DE000N G50051	Brent Crude Oil	Oil-Brent -ICE	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,76	DE000N G50069	Brent Crude Oil	-ICE	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	e	The close of trading on the Exchange
222,76	DE000N G50077	Brent Crude Oil	Oil-Brent -ICE	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,76	DE000N G50085	Brent Crude Oil	Oil-Brent -ICE	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange

				Contract.					
222,76	DE000N	Brent	Oil-Brent	Initially		Not	Not	Not	The close
5	G50093	Crude Oil	-ICE	Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant</cmdty>	The spot price		Applicable.	Applicabl e	of trading on the Exchange
				Futures Contract.					
222,76	DE000N	Brent	Oil-Brent	Initially		Not	Not	Not	The close
6	G501A5	Crude Oil	-ICE	Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Applicabl e.	Applicable.	Applicabl e	of trading on the Exchange
222,76 7	DE000N G501B3	Brent Crude Oil	Oil-Brent -ICE	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,76 8	DE000N G501C1	Brent Crude Oil	Oil-Brent -ICE	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
9	DE000N G501D9	Brent Crude Oil	Oil-Brent -ICE	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,77 0	DE000N G501E7	Brent Crude Oil	Oil-Brent -ICE	Initially Bloomberg code: COF3 <cmdty> and</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange

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				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
222,77	DE000N	Brent	Oil-Brent	Initially		Not	Not	Not	The close
1	G501F4	Crude Oil	-ICE	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
				code: COF3	spot	e.	11	e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first	1				8-
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
222,77	DE000N	Brent	Oil-Brent	Initially		Not	Not	Not	The close
222,77			-ICE	Bloomberg	The	Applicabl		Applicabl	of trading
2	G501G2	Crude Oil	-ICE	code: COF3			Applicable.		on the
					spot	e.		e	
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
222,77	DE000N	Brent		Initially		Not	Not	Not	The close
3	G501H0	Crude Oil	-ICE	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
				code: COF3	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
1				after the first					
				Rollover Date					
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				Rollover Date the Bloomberg page referring					
				Rollover Date the Bloomberg					
				Rollover Date the Bloomberg page referring					
				Rollover Date the Bloomberg page referring to the relevant Futures Contract.					
222,77	DE000N	Brent	Oil-Brent	Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially		Not	Not	Not	The close
222,77	DE000N G501J6	Brent Crude Oil	Oil-Brent -ICE	Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg	The	Not Applicabl			The close of trading
-				Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially	The		Not Applicable.		
-				Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg		Applicabl		Applicabl	of trading on the
-				Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3	spot	Applicabl		Applicabl	of trading
-				Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and</cmdty>	spot	Applicabl		Applicabl	of trading on the
-				Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first</cmdty>	spot	Applicabl		Applicabl	of trading on the
				Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg</cmdty>	spot	Applicabl		Applicabl	of trading on the
-				Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring</cmdty>	spot	Applicabl		Applicabl	of trading on the
				Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant</cmdty>	spot	Applicabl		Applicabl	of trading on the
-				Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>	spot	Applicabl		Applicabl	of trading on the
4	G501J6	Crude Oil	-ICE	Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	spot	Applicabl e.	Applicable.	Applicabl e	of trading on the Exchange
4	G501J6 DE000N	Crude Oil Brent	-ICE Oil-Brent	Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially</cmdty>	spot price	Applicabl e. Not	Applicable. Not	Applicabl e Not	of trading on the Exchange The close
4	G501J6	Crude Oil	-ICE	Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg</cmdty>	spot price The	Applicabl e. Not Applicabl	Applicable.	Applicabl e Not Applicabl	of trading on the Exchange The close of trading
4	G501J6 DE000N	Crude Oil Brent	-ICE Oil-Brent	Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3</cmdty>	spot price The spot	Applicabl e. Not	Applicable. Not	Applicabl e Not	of trading on the Exchange The close of trading on the
4	G501J6 DE000N	Crude Oil Brent	-ICE Oil-Brent	Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and</cmdty></cmdty>	spot price The	Applicabl e. Not Applicabl	Applicable. Not	Applicabl e Not Applicabl	of trading on the Exchange The close of trading
4	G501J6 DE000N	Crude Oil Brent	-ICE Oil-Brent	Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first</cmdty></cmdty>	spot price The spot	Applicabl e. Not Applicabl	Applicable. Not	Applicabl e Not Applicabl	of trading on the Exchange The close of trading on the
4	G501J6 DE000N	Crude Oil Brent	-ICE Oil-Brent	Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date</cmdty></cmdty>	spot price The spot	Applicabl e. Not Applicabl	Applicable. Not	Applicabl e Not Applicabl	of trading on the Exchange The close of trading on the
4	G501J6 DE000N	Crude Oil Brent	-ICE Oil-Brent	Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the first Rollover Date the Bloomberg</cmdty></cmdty>	spot price The spot	Applicabl e. Not Applicabl	Applicable. Not	Applicabl e Not Applicabl	of trading on the Exchange The close of trading on the
4	G501J6 DE000N	Crude Oil Brent	-ICE Oil-Brent	Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date</cmdty></cmdty>	spot price The spot	Applicabl e. Not Applicabl	Applicable. Not	Applicabl e Not Applicabl	of trading on the Exchange The close of trading on the

				Futures					
222,77	DE000N G501L2	Brent Crude Oil	Oil-Brent -ICE	Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,77 7	DE000N G501M0	Brent Crude Oil	Oil-Brent -ICE	to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,77	DE000N G501N8	Brent Crude Oil	Oil-Brent -ICE	the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg	The	Not Applicabl	Not Applicable.	Not Applicabl	The close of trading
				code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	spot price	e.		e	on the Exchange
222,77 9	DE000N G501P3	Brent Crude Oil	-ICE	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	e.	Not Applicable.	e	The close of trading on the Exchange
222,78	DE000N G501Q1	Brent Crude Oil	Oil-Brent -ICE	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,78 1	DE000N G501R9	Brent Crude Oil	Oil-Brent -ICE	Initially Bloomberg code: COF3	The spot	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the

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				Rollover Date					
				the Bloomberg					
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				to the relevant					
				Futures					
				Contract.					
222,78	DE000N	Brent	Oil-Brent	Initially		Not	Not	Not	The close
2	G501S7	Crude Oil	-ICE	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
				code: COF3	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
222,78	DE000N	Brent	Oil-Brent	Initially	1	Not	Not	Not	The close
3	G501T5	Crude Oil	-ICE	Bloomberg	The	Applicabl		Applicabl	of trading
	-			code: COF3	spot	e.	-11	e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					-
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract					
222.78	DE000N	Brent	Oil-Brent	Contract.		Not	Not	Not	The close
222,78	DE000N	Brent Crude Oil	Oil-Brent	Initially	The	Not Applicabl	Not	Not Applicabl	The close
222,78 4	DE000N G501U3	Brent Crude Oil	Oil-Brent -ICE	Initially Bloomberg	The	Applicabl	Not Applicable.	Applicabl	of trading
				Initially Bloomberg code: COF3	spot				of trading on the
				Initially Bloomberg		Applicabl		Applicabl	of trading
				Initially Bloomberg code: COF3 <cmdty> and</cmdty>	spot	Applicabl		Applicabl	of trading on the
				Initially Bloomberg code: COF3 <cmdty> and after the first</cmdty>	spot	Applicabl		Applicabl	of trading on the
				Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring</cmdty>	spot	Applicabl		Applicabl	of trading on the
				Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant</cmdty>	spot	Applicabl		Applicabl	of trading on the
				Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>	spot	Applicabl		Applicabl	of trading on the
4	G501U3	Crude Oil	-ICE	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	spot	Applicabl e.	Applicable.	Applicabl e	of trading on the Exchange
4	G501U3 DE000N	Crude Oil Brent	-ICE Oil-Brent	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially</cmdty>	spot price	Applicabl e. Not	Applicable.	Applicabl e Not	of trading on the Exchange The close
4	G501U3	Crude Oil	-ICE	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg</cmdty>	spot price	Applicabl e. Not Applicabl	Applicable.	Applicabl e Not Applicabl	of trading on the Exchange The close of trading
4	G501U3 DE000N	Crude Oil Brent	-ICE Oil-Brent	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3</cmdty>	spot price The spot	Applicabl e. Not	Applicable.	Applicabl e Not	of trading on the Exchange The close of trading on the
4	G501U3 DE000N	Crude Oil Brent	-ICE Oil-Brent	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and</cmdty></cmdty>	spot price	Applicabl e. Not Applicabl	Applicable.	Applicabl e Not Applicabl	of trading on the Exchange The close of trading
4	G501U3 DE000N	Crude Oil Brent	-ICE Oil-Brent	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first</cmdty></cmdty>	spot price The spot	Applicabl e. Not Applicabl	Applicable.	Applicabl e Not Applicabl	of trading on the Exchange The close of trading on the
4	G501U3 DE000N	Crude Oil Brent	-ICE Oil-Brent	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date</cmdty></cmdty>	spot price The spot	Applicabl e. Not Applicabl	Applicable.	Applicabl e Not Applicabl	of trading on the Exchange The close of trading on the
4	G501U3 DE000N	Crude Oil Brent	-ICE Oil-Brent	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg</cmdty></cmdty>	spot price The spot	Applicabl e. Not Applicabl	Applicable.	Applicabl e Not Applicabl	of trading on the Exchange The close of trading on the
4	G501U3 DE000N	Crude Oil Brent	-ICE Oil-Brent	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date</cmdty></cmdty>	spot price The spot	Applicabl e. Not Applicabl	Applicable.	Applicabl e Not Applicabl	of trading on the Exchange The close of trading on the
4	G501U3 DE000N	Crude Oil Brent	-ICE Oil-Brent	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring</cmdty></cmdty>	spot price The spot	Applicabl e. Not Applicabl	Applicable.	Applicabl e Not Applicabl	of trading on the Exchange The close of trading on the
4	G501U3 DE000N	Crude Oil Brent	-ICE Oil-Brent	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant</cmdty></cmdty>	spot price The spot	Applicabl e. Not Applicabl	Applicable. Not Applicable.	Applicabl e Not Applicabl	of trading on the Exchange The close of trading on the
4	G501U3 DE000N G501V1 DE000N	Crude Oil Brent Crude Oil Brent	-ICE Oil-Brent -ICE Oil-Brent	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially</cmdty></cmdty>	spot price The spot price	Applicabl e. Not Applicabl e. Not	Applicable.	Applicabl e Not Applicabl e Not	of trading on the Exchange The close of trading on the Exchange The close
4	G501U3 DE000N G501V1	Crude Oil Brent Crude Oil	-ICE Oil-Brent -ICE	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg page referring to the relevant Futures Contract.</cmdty></cmdty>	spot price The spot price	Applicabl e. Not Applicabl e.	Applicable. Not Applicable.	Applicabl e Not Applicabl e	of trading on the Exchange The close of trading on the Exchange The close of trading
4 222,78 5 222,78	G501U3 DE000N G501V1 DE000N	Crude Oil Brent Crude Oil Brent	-ICE Oil-Brent -ICE Oil-Brent	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3</cmdty></cmdty>	spot price The spot price	Applicabl e. Not Applicabl e. Not	Applicable. Not Applicable. Not	Applicabl e Not Applicabl e Not	of trading on the Exchange The close of trading on the Exchange The close of trading on the
4 222,78 5 222,78	G501U3 DE000N G501V1 DE000N	Crude Oil Brent Crude Oil Brent	-ICE Oil-Brent -ICE Oil-Brent	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <contract. Initially Bloomberg code: COF3</contract. </cmdty></cmdty>	spot price The spot price	Applicabl e. Not Applicabl e. Not Applicabl	Applicable. Not Applicable. Not	Applicabl e Not Applicabl e Not Applicabl	of trading on the Exchange The close of trading on the Exchange The close of trading
4 222,78 5 222,78	G501U3 DE000N G501V1 DE000N	Crude Oil Brent Crude Oil Brent	-ICE Oil-Brent -ICE Oil-Brent	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first</cmdty></cmdty></cmdty></cmdty>	spot price The spot price	Applicabl e. Not Applicabl e. Not Applicabl	Applicable. Not Applicable. Not	Applicabl e Not Applicabl e Not Applicabl	of trading on the Exchange The close of trading on the Exchange The close of trading on the
4 222,78 5 222,78	G501U3 DE000N G501V1 DE000N	Crude Oil Brent Crude Oil Brent	-ICE Oil-Brent -ICE Oil-Brent	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date</cmdty></cmdty></cmdty></cmdty>	spot price The spot price	Applicabl e. Not Applicabl e. Not Applicabl	Applicable. Not Applicable. Not	Applicabl e Not Applicabl e Not Applicabl	of trading on the Exchange The close of trading on the Exchange The close of trading on the
4 222,78 5 222,78	G501U3 DE000N G501V1 DE000N	Crude Oil Brent Crude Oil Brent	-ICE Oil-Brent -ICE Oil-Brent	Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: COF3 <cmdty> and after the first</cmdty></cmdty></cmdty></cmdty>	spot price The spot price	Applicabl e. Not Applicabl e. Not Applicabl	Applicable. Not Applicable. Not	Applicabl e Not Applicabl e Not Applicabl	of trading on the Exchange The close of trading on the Exchange The close of trading on the

				to the relevant Futures Contract.					
222,78	DE000N G501X7	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,78 8	DE000N G501Y5	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,78 9	DE000N G501Z2	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,79 0	DE000N G50101	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,79 1	DE000N G50119	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,79 2	DE000N G50127	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,79 3	DE000N G50135	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,79 4	DE000N G50143	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,79 5	DE000N G50150	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,79 6	DE000N G50168	Gold	Gold-Spo t	GOLD SPOT \$/OZ	The	Not Applicabl	Not Applicable.	Not Applicabl	The close of trading

				(Bloomberg code: XAU <crncy>)</crncy>	spot price	e.		e	on the Exchange
222,79 7	DE000N G50176	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,79 8	DE000N G50184	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,79 9	DE000N G50192	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,80 0	DE000N G502A3	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,80 1	DE000N G502B1	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,80 2	DE000N G502C9	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,80	DE000N G502D7	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,80	DE000N G502E5	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,80	DE000N G502F2	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange

222,80	DE000N G502G0	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,80 7	DE000N G502H8	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,80 8	DE000N G502J4	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,80 9	DE000N G502K2	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,81 0	DE000N G502L0	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,81	DE000N G502M8	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,81 2	DE000N G502N6	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,81	DE000N G502P1	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,81	DE000N G502Q9	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,81	DE000N G502R7	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange

222,81 6	DE000N G502S5	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,81 7	DE000N G502T3	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,81 8	DE000N G502U1	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,81 9	DE000N G502V9	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,82 0	DE000N G502W7	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,82	DE000N G502X5	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,82	DE000N G502Y3	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,82	DE000N G502Z0	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,82 4	DE000N G50200	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,82 5	DE000N G50218	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the

				<crncy>)</crncy>					Exchange
222,82	DE000N G50226	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,82 7	DE000N G50234	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,82 8	DE000N G50242	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,82 9	DE000N G50259	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,83 0	DE000N G50267	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,83	DE000N G50275	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,83	DE000N G50283	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,83	DE000N G50291	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,83	DE000N G503A1	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,83 5	DE000N G503B9	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg	The spot	Not Applicabl	Not Applicable.	Not Applicabl	The close of trading on the

				code: XAU <crncy>)</crncy>	price	e.		e	Exchange
222,83 6	DE000N G503C7	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,83	DE000N G503D5	Natural Gas	Natural Gas-NY MEX	Initially Bloomberg code: NGZ22 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,83	DE000N G503E3	Natural Gas	Natural Gas-NY MEX	Initially Bloomberg code: NGZ22 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,83 9	DE000N G503F0	Natural Gas	Natural Gas-NY MEX	Initially Bloomberg code: NGZ22 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,84 0	DE000N G503G8	Platinum	Platinum- Spot	PLATINUM SPOT \$/OZ (Bloomberg code: XPT <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,84 1	DE000N G503H6	Platinum	Platinum- Spot	PLATINUM SPOT \$/OZ (Bloomberg code: XPT <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,84 2	DE000N G503J2	Platinum	Platinum- Spot	PLATINUM SPOT \$/OZ (Bloomberg code: XPT <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange

222,84 3	DE000N G503K0	Platinum	Platinum- Spot	PLATINUM SPOT \$/OZ (Bloomberg code: XPT <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,84 4	DE000N G503L8	Platinum	Platinum- Spot	PLATINUM SPOT \$/OZ (Bloomberg code: XPT <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,84 5	DE000N G503M6	Platinum	Platinum- Spot	PLATINUM SPOT \$/OZ (Bloomberg code: XPT <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,84 6	DE000N G503N4	Platinum	Platinum- Spot	PLATINUM SPOT \$/OZ (Bloomberg code: XPT <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,84 7	DE000N G503P9	Platinum	Platinum- Spot	PLATINUM SPOT \$/OZ (Bloomberg code: XPT <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,84 8	DE000N G503Q7	Silver	Silver-Sp ot	SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,84 9	DE000N G503R5	Silver	Silver-Sp ot	SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,85 0	DE000N G503S3	Silver	Silver-Sp ot	SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,85 1	DE000N G503T1	Silver	Silver-Sp ot	SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,85 2	DE000N G503U9	Silver	Silver-Sp ot	SILVER SPOT \$/OZ (Bloomberg code: XAG	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the

				<crncy>)</crncy>					Exchange
222,85 3	DE000N G503V7	Silver	Silver-Sp ot	SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,85 4	DE000N G503W5	Silver	Silver-Sp ot	SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,85 5	DE000N G503X3	Silver	Silver-Sp ot	SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
222,85 6	DE000N G503Y1	Silver	Silver-Sp ot	SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange

28	Fund Certificate Provisions	Not Applicable
29	Government Bond Certificate Provisions	Not Applicable
	•	
30	Other Bond Certificate Provisions	Not Applicable
31	Index Futures Certificate Provisions	Not Applicable
	!	

Signed on behalf of the Issuer:

By:

Duly authorised

By:

Duly authorised

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

(ii) Estimate of total expenses related to admission to	EUR 500
	trading:	

Exchange

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
	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.
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>)</cmdty>
Silver	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: XAG <crncy>)</crncy>
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>
Platinum	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: XPT <crncy>)</crncy>

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 successor 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
DE000NG50051	Not Applicable	NG5005
DE000NG50069	Not Applicable	NG5006
DE000NG50077	Not Applicable	NG5007
DE000NG50085	Not Applicable	NG5008
DE000NG50093	Not Applicable	NG5009
DE000NG501A5	Not Applicable	NG501A
DE000NG501B3	Not Applicable	NG501B
DE000NG501C1	Not Applicable	NG501C
DE000NG501D9	Not Applicable	NG501D
DE000NG501E7	Not Applicable	NG501E
DE000NG501F4	Not Applicable	NG501F
DE000NG501G2	Not Applicable	NG501G
DE000NG501H0	Not Applicable	NG501H
DE000NG501J6	Not Applicable	NG501J

DE000NG501K4	Not Applicable	NGCOLV
DE000NG501L2	Not Applicable	NG501K
DE000NG501L2 DE000NG501M0	Not Applicable	NG501L
DE000NG501N0	Not Applicable	NG501M
DE000NG501N8 DE000NG501P3	Not Applicable	NG501N
DE000NG501Q1	Not Applicable	NG501P
DE000NG501Q1 DE000NG501R9	Not Applicable	NG501Q
DE000NG501R9	Not Applicable	NG501R
DE000NG501S7 DE000NG501T5	Not Applicable	NG501S
DE000NG50113 DE000NG501U3	Not Applicable	NG501T
DE000NG501U3 DE000NG501V1	Not Applicable	NG501U
	Not Applicable	NG501V
DE000NG501W9	Not Applicable	NG501W
DE000NG501X7	Not Applicable	NG501X
DE000NG501Y5	Not Applicable	NG501Y
DE000NG501Z2	Not Applicable	NG501Z
DE000NG50101	Not Applicable	NG5010
DE000NG50119	Not Applicable	NG5011
DE000NG50127	Not Applicable	NG5012
DE000NG50135	Not Applicable	NG5013
DE000NG50143	Not Applicable	NG5014
DE000NG50150	Not Applicable	NG5015
DE000NG50168	Not Applicable	NG5016
DE000NG50176	Not Applicable	NG5017
DE000NG50184	Not Applicable	NG5018
DE000NG50192	Not Applicable	NG5019
DE000NG502A3	Not Applicable	NG502A
DE000NG502B1	Not Applicable	NG502B
DE000NG502C9	Not Applicable	NG502C
DE000NG502D7	Not Applicable	NG502D
DE000NG502E5	Not Applicable	NG502E
DE000NG502F2	Not Applicable	NG502F
DE000NG502G0	Not Applicable	NG502G
DE000NG502H8	Not Applicable	NG502H
DE000NG502J4	Not Applicable	NG502J
DE000NG502K2	Not Applicable	NG502K
DE000NG502L0	Not Applicable	NG502L
DE000NG502M8	Not Applicable	NG502M
DE000NG502N6	Not Applicable	NG502N
DE000NG502P1	Not Applicable	NG502P
DE000NG502Q9	Not Applicable	NG502Q
DE000NG502R7	Not Applicable	NG502R
DE000NG502S5	Not Applicable	NG502S
DE000NG502T3	Not Applicable	NG502T
DE000NG502U1	Not Applicable	NG502U
DE000NG502V9	Not Applicable	NG502V
DE000NG502W7	Not Applicable	NG502W
DE000NG502X5	Not Applicable	NG502X
DE000NG502Y3	Not Applicable	NG502Y
DE000NG502Z0	Not Applicable	NG502Z
DE000NG50200	Not Applicable	NG5020
DE000NG50218	Not Applicable	NG5021
DE000NG50226	Not Applicable	NG5022

DE000NG50234	Not Applicable	NG5023	
DE000NG50242	Not Applicable	NG5024	
DE000NG50259	Not Applicable	NG5025	
DE000NG50267	Not Applicable	NG5026	
DE000NG50275	Not Applicable	NG5027	
DE000NG50283	Not Applicable	NG5028	
DE000NG50291	Not Applicable	NG5029	
DE000NG503A1	Not Applicable	NG503A	
DE000NG503B9	Not Applicable	NG503B	
DE000NG503C7	Not Applicable	NG503C	
DE000NG503D5	Not Applicable	NG503D	
DE000NG503E3	Not Applicable	NG503E	
DE000NG503F0	Not Applicable	NG503F	
DE000NG503G8	Not Applicable	NG503G	
DE000NG503H6	Not Applicable	NG503H	
DE000NG503J2	Not Applicable	NG503J	
DE000NG503K0	Not Applicable	NG503K	
DE000NG503L8	Not Applicable	NG503L	
DE000NG503M6	Not Applicable	NG503M	
DE000NG503N4	Not Applicable	NG503N	
DE000NG503P9	Not Applicable	NG503P	
DE000NG503Q7	Not Applicable	NG503Q	
DE000NG503R5	Not Applicable	NG503R	
DE000NG503S3	Not Applicable	NG503S	
DE000NG503T1	Not Applicable	NG503T	
DE000NG503U9	Not Applicable	NG503U	
DE000NG503V7	Not Applicable	NG503V	
DE000NG503W5	Not Applicable	NG503W	
DE000NG503X3	Not Applicable	NG503X	
DE000NG503Y1	Not Applicable	NG503Y	

(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) 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