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
171,300	NG4QHL	DE000NG4QHL6	250,000	ING Long Commodity Open End Turbo Certificate
171,301	NG4QHM	DE000NG4QHM4	250,000	ING Long Commodity Open End Turbo Certificate
171,302	NG4QHN	DE000NG4QHN2	250,000	ING Long Commodity Open End Turbo Certificate
171,303	NG4QHP	DE000NG4QHP7	500,000	ING Long Commodity Open End Turbo Certificate
171,304	NG4QHQ	DE000NG4QHQ5	500,000	ING Long Commodity Open End Turbo Certificate
171,305	NG4QHR	DE000NG4QHR3	500,000	ING Long Commodity Open End Turbo Certificate
171,306	NG4QHS	DE000NG4QHS1	500,000	ING Long Commodity Open End Turbo Certificate
171,307	NG4QHT	DE000NG4QHT9	500,000	ING Long Commodity Open End Turbo Certificate
171,308	NG4QHU	DE000NG4QHU7	500,000	ING Long Commodity Open End Turbo Certificate
171,309	NG4QHV	DE000NG4QHV5	500,000	ING Long Commodity Open End Turbo Certificate
171,310	NG4QHW	DE000NG4QHW3	500,000	ING Long Commodity Open End Turbo Certificate
171,311	NG4QHX	DE000NG4QHX1	500,000	ING Long Commodity Open End Turbo Certificate
171,312	NG4QHY	DE000NG4QHY9	500,000	ING Long Commodity Open End Turbo Certificate
171,313	NG4QHZ	DE000NG4QHZ6	500,000	ING Long Commodity Open End Turbo Certificate
171,314	NG4QH0	DE000NG4QH04	500,000	ING Long Commodity Open End Turbo Certificate
171,315	NG4QH1	DE000NG4QH12	200,000	ING Long Commodity Open End Turbo Certificate
171,316	NG4QH2	DE000NG4QH20	200,000	ING Long Commodity Open End Turbo Certificate
171,317	NG4QH3	DE000NG4QH38	200,000	ING Long Commodity Open End Turbo Certificate
171,318	NG4QH4	DE000NG4QH46	200,000	ING Long Commodity Open End Turbo Certificate
171,319	NG4QH5	DE000NG4QH53	200,000	ING Long Commodity Open End Turbo Certificate
171,320	NG4QH6	DE000NG4QH61	200,000	ING Long Commodity Open End Turbo Certificate
171,321	NG4QH7	DE000NG4QH79	200,000	ING Long Commodity Open End Turbo Certificate
171,322	NG4QH8	DE000NG4QH87	200,000	ING Long Commodity Open End Turbo

				Certificate
171,323	NG4QH9	DE000NG4QH95	200,000	ING Long Commodity Open End Turbo
				Certificate
171,324	NG4QJA	DE000NG4QJA5	200,000	ING Long Commodity Open End Turbo
				Certificate
171,325	NG4QJB	DE000NG4QJB3	200,000	ING Long Commodity Open End Turbo
				Certificate
171,326	NG4QJC	DE000NG4QJC1	200,000	ING Long Commodity Open End Turbo
				Certificate
171,327	NG4QJD	DE000NG4QJD9	200,000	ING Long Commodity Open End Turbo
				Certificate
171,328	NG4QJE	DE000NG4QJE7	200,000	ING Long Commodity Open End Turbo
				Certificate
171,329	NG4QJF	DE000NG4QJF4	200,000	ING Long Commodity Open End Turbo
				Certificate
171,330	NG4QJG	DE000NG4QJG2	200,000	ING Long Commodity Open End Turbo
				Certificate
171,331	NG4QJH	DE000NG4QJH0	250,000	ING Long Commodity Open End Turbo
				Certificate
171,332	NG4QJJ	DE000NG4QJJ6	250,000	ING Long Commodity Open End Turbo
				Certificate
171,333	NG4QJK	DE000NG4QJK4	250,000	ING Long Commodity Open End Turbo
				Certificate
171,334	NG4QJL	DE000NG4QJL2	250,000	ING Long Commodity Open End Turbo
				Certificate
171,335	NG4QJM	DE000NG4QJM0	500,000	ING Long Commodity Open End Turbo
				Certificate
171,336	NG4QJN	DE000NG4QJN8	500,000	ING Long Commodity Open End Turbo
				Certificate
171,337	NG4QJP	DE000NG4QJP3	500,000	ING Long Commodity Open End Turbo
				Certificate
171,338	NG4QJQ	DE000NG4QJQ1	500,000	ING Long Commodity Open End Turbo
				Certificate
171,339	NG4QJR	DE000NG4QJR9	500,000	ING Long Commodity Open End Turbo
				Certificate
171,340	NG4QJS	DE000NG4QJS7	250,000	ING Long Commodity Open End Turbo
				Certificate
171,341	NG4QJT	DE000NG4QJT5	250,000	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 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 16 April 2021 and its supplement(s) (if any) (the "Securities Note") and (ii) the registration document of ING Bank N.V. (the "Issuer") dated 26 March 2021, 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
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:	20 October 2021
6	Issue Date:	22 October 2021
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

	1	1	_	-			 			· -	_		
Series	ISIN Code	Number	Issue	Current		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						
171,30	DE000NG4	250,000	0.35	84.4600	3.5	5.0	7.5	20.0	0.0	84.4600	0.01	1.0	USD
0	QHL6			000000						000000			
171,30	DE000NG4	250,000	0.57	84.2100	3.5	5.0	7.5	20.0	0.0	84.2100	0.01	1.0	USD
1	QHM4			000000						000000			
171,30	DE000NG4	250,000	0.78	83.9600	3.5	5.0	7.5	20.0	0.0	83.9600	0.01	1.0	USD
2	QHN2			000000						000000			
171,30	DE000NG4	500,000	0.23	1778.56	3.5	5.0	3.0	20.0	0.0	1778.56	0.01	0.1	USD
3	QHP7			000000						000000			
				00						00			
171,30	DE000NG4	500,000	0.36	1777.06	3.5	5.0	3.0	20.0	0.0	1777.06	0.01	0.1	USD
4	QHQ5			000000						000000			
				00						00			
171,30	DE000NG4	500,000	0.49	1775.56	3.5	5.0	3.0	20.0	0.0	1775.56	0.01	0.1	USD
5	QHR3			000000						000000			
				00						00			
171,30	DE000NG4	500,000	0.62	1774.06	3.5	5.0	3.0	20.0	0.0	1774.06	0.01	0.1	USD
6	QHS1			000000						000000			
				00						00			
171,30	DE000NG4	500,000	0.75	1772.56	3.5	5.0	3.0	20.0	0.0	1772.56	0.01	0.1	USD

7	QHT9	1		000000			1		1	000000		1	
				00						00			
171,30 8	DE000NG4 QHU7	500,000	0.88	1771.06 000000 00	3.5	5.0	3.0	20.0	0.0	1771.06 000000 00	0.01	0.1	USD
171,30 9	DE000NG4 QHV5	500,000	1.01	1769.56 000000 00	3.5	5.0	3.0	20.0	0.0	1769.56 000000 00	0.01	0.1	USD
171,31 0	DE000NG4 QHW3	500,000	1.14	1768.06 000000 00	3.5	5.0	3.0	20.0	0.0	1768.06 000000 00	0.01	0.1	USD
171,31 1	DE000NG4 QHX1	500,000	1.26	1766.56 000000 00	3.5	5.0	3.0	20.0	0.0	1766.56 000000 00	0.01	0.1	USD
171,31 2	DE000NG4 QHY9	500,000	1.39	1765.06 000000 00	3.5	5.0	3.0	20.0	0.0	1765.06 000000 00	0.01	0.1	USD
171,31 3	DE000NG4 QHZ6	500,000	1.52	1763.56 000000 00	3.5	5.0	3.0	20.0	0.0	1763.56 000000 00	0.01	0.1	USD
171,31 4	DE000NG4 QH04	500,000	1.65	1762.06 000000 00	3.5	5.0	3.0	20.0	0.0	1762.06 000000 00	0.01	0.1	USD
171,31 5	DE000NG4 QH12	200,000	2.41	2054.40 000000 00	3.5	5.0	5.0	20.0	0.0	2054.40 000000 00	0.01	0.1	USD
171,31 6	DE000NG4 QH20	200,000	2.84	2049.40 000000 00	3.5	5.0	5.0	20.0	0.0	2049.40 000000 00	0.01	0.1	USD
171,31 7	DE000NG4 QH38	200,000	3.27	2044.40 000000 00	3.5	5.0	5.0	20.0	0.0	2044.40 000000 00	0.01	0.1	USD
171,31 8	DE000NG4 QH46	200,000	3.7	2039.40 000000 00	3.5	5.0	5.0	20.0	0.0	2039.40 000000 00	0.01	0.1	USD
171,31 9	DE000NG4 QH53	200,000	4.13	2034.40 000000 00	3.5	5.0	5.0	20.0	0.0	2034.40 000000 00	0.01	0.1	USD
171,32 0	DE000NG4 QH61	200,000	4.56	2029.40 000000 00	3.5	5.0	5.0	20.0	0.0	2029.40 000000 00	0.01	0.1	USD
171,32 1	DE000NG4 QH79	200,000	4.98	2024.40 000000 00	3.5	5.0	5.0	20.0	0.0	2024.40 000000 00	0.01	0.1	USD
171,32 2	DE000NG4 QH87	200,000	5.41	2019.40 000000 00	3.5	5.0	5.0	20.0	0.0	2019.40 000000 00	0.01	0.1	USD
171,32 3	DE000NG4 QH95	200,000	5.84	2014.40 000000 00	3.5	5.0	5.0	20.0	0.0	2014.40 000000 00	0.01	0.1	USD
171,32 4	DE000NG4 QJA5	200,000	6.27	2009.40 000000 00	3.5	5.0	5.0	20.0	0.0	2009.40 000000 00	0.01	0.1	USD
171,32 5	DE000NG4 QJB3	200,000	6.7	2004.40 000000 00	3.5	5.0	5.0	20.0	0.0	2004.40 000000 00	0.01	0.1	USD
171,32 6	DE000NG4 QJC1	200,000	7.13	1999.40 000000 00	3.5	5.0	5.0	20.0	0.0	1999.40 000000 00	0.01	0.1	USD
171,32	DE000NG4	200,000	7.56	1994.40	3.5	5.0	5.0	20.0	0.0	1994.40	0.01	0.1	USD

7	QJD9			000000						000000			
171,32 8	DE000NG4 QJE7	200,000	7.99	1989.40 000000 00	3.5	5.0	5.0	20.0	0.0	1989.40 000000 00	0.01	0.1	USD
171,32 9	DE000NG4 QJF4	200,000	8.41	1984.40 000000 00	3.5	5.0	5.0	20.0	0.0	1984.40 000000 00	0.01	0.1	USD
171,33 0	DE000NG4 QJG2	200,000	8.84	1979.40 000000 00	3.5	5.0	5.0	20.0	0.0	1979.40 000000 00	0.01	0.1	USD
171,33 1	DE000NG4 QJH0	250,000	0.13	1039.35 000000 00	3.5	5.0	5.0	20.0	0.0	1039.35 000000 00	0.01	0.01	USD
171,33 2	DE000NG4 QJJ6	250,000	0.22	1029.35 000000 00	3.5	5.0	5.0	20.0	0.0	1029.35 000000 00	0.01	0.01	USD
171,33 3	DE000NG4 QJK4	250,000	0.3	1019.35 000000 00	3.5	5.0	5.0	20.0	0.0	1019.35 000000 00	0.01	0.01	USD
171,33 4	DE000NG4 QJL2	250,000	0.39	1009.35 000000 00	3.5	5.0	5.0	20.0	0.0	1009.35 000000 00	0.01	0.01	USD
171,33 5	DE000NG4 QJM0	500,000	0.17	23.5652 000000	3.5	5.0	4.0	20.0	0.0	23.5652 000000	0.000 1	1.0	USD
171,33 6	DE000NG4 QJN8	500,000	0.26	23.4652 000000	3.5	5.0	4.0	20.0	0.0	23.4652 000000	0.000 1	1.0	USD
171,33 7	DE000NG4 QJP3	500,000	0.35	23.3652 000000	3.5	5.0	4.0	20.0	0.0	23.3652 000000	0.000 1	1.0	USD
171,33 8	DE000NG4 QJQ1	500,000	0.43	23.2652 000000	3.5	5.0	4.0	20.0	0.0	23.2652 000000	0.000 1	1.0	USD
171,33 9	DE000NG4 QJR9	500,000	0.52	23.1652 000000	3.5	5.0	4.0	20.0	0.0	23.1652 000000	0.000 1	1.0	USD
171,34 0	DE000NG4 QJS7	,	0.52	81.8600 000000	3.5	5.0	7.5	20.0	0.0	81.8600 000000	0.01	1.0	USD
171,34 1	DE000NG4 QJT5	250,000	0.74	81.6100 000000	3.5	5.0	7.5	20.0	0.0	81.6100 000000	0.01	1.0	USD

ADDITIONAL SPECIFIC PRODUCT RELATED PROVISIONS:

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

Series	ISIN	(i)	(ii)	(iii) Price	(iv)	(v)	(vi) Rollover	(vii)	(viii)
Numb	Code	Commodi	Commo	Source/	Speci	Delivery	Date	Exchang	Valuation
er of		ty	dity	Reference	fied	Dates		е	Time
the			Referen	Dealers	Price				
Certifi			ce Price						

cates						i			
	DE000N	Brent	Oil-Brent	Initially	The	(i) First	A date, as	ICE	The close
0	G4QHL6	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
				code: COZ1		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 Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
171,30	DE000N	Brent	Oil-Brent	Initially	The	(i) First	A date, as	ICE	The close
1	G4QHM4	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
	-			code: COZ1		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 n with	Rollover		
				Contract.		the	Date (or in the case of		
						highest	the first		
						volumes, a			
						S Volumes, a	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		

						ĺ	Commodity.		
171,30	DE000N	Brent	Oil-Brent	Initially	The	(i) First	A date, as	ICE	The close
2	G4QHN2	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
	J . (2.2			code: COZ1	1	month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		Z.iviimi.gv
				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		
							trading date		
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							relevant		
							Futures		
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171.20	DEGGOVI		0.110	COLD CDOT	TD1	(') E' +	Commodity.	ICE	TD1 1
3	DE000N	Gold	Gold-Spo	GOLD SPOT \$/OZ	The	(i) First	A date, as determined	ICE Enternol	The close
3	G4QHP7		t	(Bloomberg	price	nearby month	by the	Futures US Softs	of trading on the
				code: XAU		of	Calculation	US Soils	
				<crncy>)</crncy>		expiratio	Agent, in the		Exchange
				\Cincy>)		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.		
171,30	DE000N	Gold	Gold-Spo	GOLD SPOT	The	(i) First	A date, as	ICE	The close
4	G4QHQ5		t	\$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg	1	month	by the	US Softs	on the
				code: XAU		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		Exemunge
				Cincy)		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		
						1	Business		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							I Commodify		
171.30	DE000N	Gold	Gold-Spo	GOLD SPOT	The	(i) First	Commodity. A date as	ICE	The close
	DE000N G4OHR3	Gold	Gold-Spo		The price	(i) First nearby	A date, as	ICE Futures	The close of trading
171,30 5	DE000N G4QHR3	Gold	Gold-Spo t	\$/OZ	The price	nearby	A date, as determined	Futures	of trading
		Gold	_	\$/OZ (Bloomberg			A date, as determined by the		of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of	A date, as determined by the Calculation	Futures	of trading
		Gold	_	\$/OZ (Bloomberg		nearby month of expiratio	A date, as determined by the Calculation Agent, in the	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of	A date, as determined by the Calculation Agent, in the period	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii)	A date, as determined by the Calculation Agent, in the	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the	A date, as determined by the Calculation Agent, in the period commencing on the	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of	A date, as determined by the Calculation Agent, in the period commencing	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio	A date, as determined by the Calculation Agent, in the period commencing on the previous	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant	Futures	of trading on the

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171 30	DE000N	Gold	Gold-Sno	GOLD SPOT	The	(i) First	A date, as	ICE	The close
6		Joia	_	\$/OZ	price	nearby	determined	Futures	of trading
0	G4QHS1		t	(Bloomberg	price	month	by the	US Softs	on the
				code: XAU		of	Calculation	US Soils	
							Agent, in the		Exchange
				<crncy>)</crncy>		expiratio			
						n or (ii) the	period		
							commencing		
						month of	on the		
							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		
						Agent.	Business		
							Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
			~				Commodity.		
	DE000N	Gold	Gold-Spo		The	(i) First	A date, as	ICE	The close
7	G4QHT9		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		
						Agent.	Business		
							Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
	1	ı	Ī	Ī	Ī	I	the	I	Ī

							Commodity.		
171,30	DE000N	Gold	Gold-Spo	GOLD SPOT	The	(i) First	A date, as	ICE	The close
8	G4QHU7		t	\$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg	1	month	by the	US Softs	on the
				code: XAU		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		Lachunge
				Cincy)		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 volumes, a	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	not less than		
						on	Commodity		
						Agent.	Business Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
171.20	DE000N	C 11	Gold-Spo	GOLD SPOT	The	(i) First	Commodity. A date, as	ICE	The close
9		Gold	_	\$/OZ	price	nearby	determined	Futures	of trading
9	G4QHV5		t	(Bloomberg	price	month	by the		on the
				code: XAU		of	Calculation	US Softs	
				<crncy>)</crncy>		expiratio	Agent, in the		Exchange
				<cri>criicy>)</cri>		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			
						1	Date the		
						s determin			
							Issue Date)		
						ed by	and ending not less than		
						the Calculati	5		
							Commodity		
						on	Business		
						Agent.			
							Days prior to		
							the last		
							trading date		
							of the		
							relevant		
Ī	Ī	I	Ī	Ī	Ī	I	Futures	I	
							Contract of the		

							Commodity.		
171 31	DE000N	Gold	Gold Spo	GOLD SPOT	The	(i) First	A date, as	ICE	The close
0	G4QHW3		_	\$/OZ	price	nearby	determined	Futures	of trading
0	04QП W 3		t	(Bloomberg	price	month	by the	US Softs	on the
				code: XAU		of	Calculation	US Soits	
									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		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
171.21	DEGGOVI		C 11 C	COLD CDOT	TD1	(') E' +	Commodity.	LOE	TD1 1
	DE000N	Gold	Gold-Spo		The	(i) First	A date, as	ICE	The close
1	G4QHX1		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	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
1	I					on	Commodity		
						Agent.	Business	1	
						Agent.			
						Agent.	Days prior to		
						Agent.	Days prior to the last		
						Agent.	Days prior to the last trading date		
						Agent.	Days prior to the last trading date of the		
						Agent.	Days prior to the last trading date of the relevant		
						Agent.	Days prior to the last trading date of the relevant Futures		
						Agent.	Days prior to the last trading date of the relevant		

							Commodity.		
171,31	DE000N	Gold	Gold-Spo	GOLD SPOT	The	(i) First	A date, as	ICE	The close
2	G4QHY9		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		Entimarige
				,		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		
						Agent.	Business		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
I .							I Commodity.		1
171,31	DE000N	Gold	Gold-Spo	GOLD SPOT	The	(i) First	Commodity. A date, as	ICE	The close
171,31		Gold	Gold-Spo t	GOLD SPOT \$/OZ	The price	(i) First nearby		ICE Futures	The close of trading
	DE000N G4QHZ6	Gold	_				A date, as	Futures	I
		Gold	_	\$/OZ		nearby	A date, as determined		of trading on the
		Gold	_	\$/OZ (Bloomberg		nearby month of	A date, as determined by the	Futures	of trading
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month	A date, as determined by the Calculation	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio	A date, as determined by the Calculation Agent, in the	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii)	A date, as determined by the Calculation Agent, in the period	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the	A date, as determined by the Calculation Agent, in the period commencing	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio	A date, as determined by the Calculation Agent, in the period commencing on the	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of	A date, as determined by the Calculation Agent, in the period commencing on the previous	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date)	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant	Futures	of trading on the
		Gold	_	\$/OZ (Bloomberg code: XAU		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures	Futures	of trading on the

							Commodity.		
171,31	DE000N	Gold	Gold-Spo	GOLD SPOT	The	(i) First	A date, as	ICE	The close
4	G4QH04		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		Entimarige
				,		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		
						Agent.	Business		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
171,31									
11,1,31	DE000N	Palladium	Palladiu	PALLADIUM	The	(i) First	A date, as	ICE	The close
5		Palladium		PALLADIUM SPOT \$/OZ	The price	(i) First nearby		ICE Futures	The close of trading
	DE000N G4QH12	Palladium	Palladiu m-Spot				A date, as	Futures	
		Palladium		SPOT \$/OZ		nearby	A date, as determined		of trading on the
		Palladium		SPOT \$/OZ (Bloomberg		nearby month	A date, as determined by the	Futures	of trading
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of	A date, as determined by the Calculation	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio	A date, as determined by the Calculation Agent, in the	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii)	A date, as determined by the Calculation Agent, in the period	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the	A date, as determined by the Calculation Agent, in the period commencing	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio	A date, as determined by the Calculation Agent, in the period commencing on the	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of	A date, as determined by the Calculation Agent, in the period commencing on the previous	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date)	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures	Futures	of trading on the

				1			Commodity.		
171,31	DE000N	Palladium	Palladiu	PALLADIUM	The	(i) First	A date, as	ICE	The close
6	G4QH20		m-Spot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
			~p	(Bloomberg	1	month	by the	US Softs	on the
				code: XPD		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		Livininge
				,		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		
				1		Calculati	5		
				1		on	Commodity		
				1		Agent.	Business		
				1		1	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
171 21	DEGGONI	5 11 11	Palladiu	DALL ADMIN	TEL	(') E' (Commodity.	ICE	TT1 1
171,31 7	DE000N	Palladium		PALLADIUM SPOT \$/OZ	The	(i) First	A date, as		The close
/	G4QH38					100000077		Lindanoa	latteading
			m-Spot		price	nearby	determined	Futures	of trading
			m-Spot	(Bloomberg	price	month	by the	US Softs	on the
			m-spot	(Bloomberg code: XPD	price	month of	by the Calculation		
			m-Spot	(Bloomberg	price	month of expiratio	by the Calculation Agent, in the		on the
			m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii)	by the Calculation Agent, in the period		on the
			m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the	by the Calculation Agent, in the period commencing		on the
			m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month	by the Calculation Agent, in the period commencing on the		on the
			m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of	by the Calculation Agent, in the period commencing on the previous		on the
			m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio	by the Calculation Agent, in the period commencing on the previous Rollover		on the
			m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of	by the Calculation Agent, in the period commencing on the previous		on the
			m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in		on the
			m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first		on the
			m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first		on the
			m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date)		on the
			m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending		on the
			m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than		on the
			m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5		on the
			m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity		on the
			m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business		on the
			m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to		on the
			m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last		on the
			m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date		on the
			m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the		on the
			m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant		on the
			m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures		on the
			m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant		on the

				l			Commodity.		
171,31	DE000N	Palladium	Palladiu	PALLADIUM	The	(i) First	A date, as	ICE	The close
8	G4QH46		m-Spot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
			~ F * ·	(Bloomberg	1	month	by the	US Softs	on the
				code: XPD		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		Z.iviimi.gv
						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		
171 21	DEGGONI	5 11 11	D 11 11	DALL ADMINA	TP1	(') E' (Commodity.	ICE	TP1 1
171,31 9	DE000N	Palladium	Palladiu	PALLADIUM SPOT \$/OZ	The	(i) First	A date, as determined	Futures	The close
9	G4QH53		m-Spot	(Bloomberg	price	nearby month	by the	US Softs	of trading on the
				code: XPD		of	Calculation	05 50115	Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		Exchange
				(Cincy [*])		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		
	Ī	1				-	Days prior to		
					Ī	I	the last	I	
							trading date		
							trading date of the		
							trading date of the relevant		
							trading date of the relevant Futures		
							trading date of the relevant		

				1			Commodity.		
171,32	DE000N	Palladium	Palladiu	PALLADIUM	The	(i) First	A date, as	ICE	The close
0	G4QH61		m-Spot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
			~ F * ·	(Bloomberg	1	month	by the	US Softs	on the
				code: XPD		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		Z.iviimi.gv
				,		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		
171 22	DEGGONI	2 11 11	Palladiu	DALL ADMINA	TEL	(') E' (Commodity.	ICE	TP1 1
	DE000N	Palladium		PALLADIUM SPOT \$/OZ	The	(i) First	A date, as determined	Futures	The close
1	G4QH79		m-Spot	(Bloomberg	price	nearby month	by the	US Softs	of trading on the
				code: XPD		of	Calculation	05 50115	Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		Exchange
				(Cincy)		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		
1		I	Ī	I			of the	1	
						1			
							relevant		
							Futures		

171,32 DEOON 2 Palladium Palladium SPOT \$\sigma Code. XPD SCOV. (Bloomberg code. XPD SC								Commodity.		
2 G4QH87	171,32	DE000N	Palladium	Palladiu	PALLADIUM	The	(i) First		ICE	The close
Palladium Palladium Palladium Palladium AdqH95 Add A										1
Total Deboon Palladium Palladium Palladium Spot SWOT S/OZ (Carcy>) Palladium Palladium Palladium Syot S/OZ (Carcy>) Palladium				1	(Bloomberg		month	by the	US Softs	
Tri, 32 DE000N 3 G4QH95 Palladium 3 Palladium 3 Palladium 4 Palladium 6 Palladium 7							of			Exchange
171,32 DE000N 3 G4QH95 Palladium m-Spot Garde. XPD code. XPD code in the case of the first volumes, a feature of the case of the first volumes code. XPD code.					<crncy>)</crncy>		expiratio	Agent, in the		8
Tri, 32 DE000N Palladium										
171,32 DE000N Palladium Palladium Spot SCrney>)							the			
T71,32 DE000N Palladium Palladiu M-Spot Gode: XPD «Cmey») Palladium On the last trading date of the first volumes, a solution of the last trading date of the first volumes, a solution of the last trading date of the first volumes, a solution of the last trading date of the first volumes, a solution of the case of the first volumes, a solution of the case of the first volumes, a solution on the previous Rollover Date the last trading date of the first volumes, a solution on the previous Rollover Date (or in the case of the first volumes, a solution of the case of the first volumes, a solution on the previous Rollover Date (or in the case of the first volumes, a solution on the previous Rollover Date (or in the case of the first volumes, a solution on the previous Rollover Date (or in the case of the first volumes, a solution on the previous Rollover Date (or in the case of the first volumes, a solution on the previous Rollover Date (or in the case of the first volumes, a solution on the case of the first volumes, a solution on the previous Rollover Date (or in the case of the first volumes, a solution on the case of the first volumes, a solution on the case of the first volumes, a solution on the case of the first volumes, a solution on the case of the first volumes, a solution on the case of the first volumes, a solution on the case of the first volumes, a solution on the case of the first volumes, a solution on the case of the first volumes, a solution on the case of the first volumes, a solution on the case of the first volumes, a solution of the last trading date of the first volumes, a solution of the last trading date of the first volumes, a solution of the last trading date of the first volumes, a solution of the last trading date of the first volumes, a solution of the last trading date of the first volumes, a solution of the last trading date of the first volumes, a solution of the last trading date of the first volumes, a solution of the last trading date of the first volumes, a solut							month	on the		
Date (or in the case of the first volumes, a Rollover Days prior to the last trading date of the crelevant Futures Contract of the grade of the first and ending not less than 5 Commodity. Days prior to the last trading date of the crelevant Futures Contract of the Commodity. Spot SpOT SOZ (Bloomberg code: XPD < Crmcy>) Crmcy>) Crmcy>) Crmcy> Calculation on the period commencing on the case of the first volumes, a Rollover Date (or in the determined by the commencing on the period on the last trading date of the first volumes, a Rollover Date (or in the case of the fir							of			
Tri, 32 DE000N Palladium 3 G4QH95 Palladium 3 Palladium 3 Palladium 6 Pa							expiratio	Rollover		
Total commodity Total comm							n with	Date (or in		
T71,32 DE000N 3 G4QH95							the	the case of		
Total Palladium Palladium Palladium Galquis							highest			
Total Commodity							volumes, a	Rollover		
171,32 DE000N 3 G4QH95 Agent. Palladium G-2Cmey>) Palladium G-2Cmey>) Palladium Agent. Commodity.										
T71,32 DE000N 3 G4QH95 Palladium 3 G64QH95 Palladium 3 Palladium 4 Palladium 4 Palladium 4 Palladium 4 Palladium 5 Palladium 5 Palladium 6 Palladi								/		
Total commodity Palladium										
on Agent. DE000N G4QH95 Palladium G4QH95 Palladium G4QH95 Palladium G4QH95 Palladium B2DT SPOT SOZ (Bloomberg code: XPD < Crncy≥) Crncy≥) Palladium G4QH95 Palladium G4QH95 Palladium B2DT SPOT SOZ (Bloomberg code: XPD < Crncy≥) Crncy≥) The commodity. Commodity. A date, as nor (ii) the month of mexpiratio n or (ii) the commencing on the period commencing on the previous expiratio n with the first volumes, a Rollover Date (or in the case of highest two lumes, a Rollover Date (or in the determine dby the Galculation on Calculation on Calculation on the Spot Spot Spot Spot Spot Spot Spot Spot										
Total Commodity Palladium							1			
Total common Days prior to the last trading date of the relevant Futures Commodity.							1			
171,32 DE000N G4QH95 A							Agent.			
171,32 DE000N G4QH95 Palladium m-Spot month of calculation in with the the determined by whether the case of the first volumes, a sense of the first volumes, a large of the lights of the case of the lights of the last trading date of the relevant rading date of the relevant rading date of the relevant releva								- 1		
T71,32 DE000N G4QH95 Palladium Palladium m-Spot CTrncy>) Palladium Palla										
Total Calculation Palladium Palladiu										
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3 G4QH95 March M	171.32	DE000N	Palladium	Palladiu	PALLADIUM	The	(i) First		ICE	The close
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code: XPD <pre></pre>				IIII-DDUL	DI OI WOL	price	nearby	determined	Futures	of trading
				iii-spot		price				
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month of previous expiratio n with the the case of thighest volumes, a Rollover s Date the lissue Date) and ending not less than Calculati on Commodity Agent. Month of previous Rollover Date (or in the first the first volumes, a Rollover s Date the last trading date of the relevant Futures Contract of				т-зрос	(Bloomberg code: XPD	price	month of expiratio	by the Calculation		on the
of previous Rollover Date (or in the the case of highest volumes, a Rollover S Date the determin ed by and ending not less than Calculati on Commodity Agent. Of previous Rollover Date (or in the first volumes, a Rollover S Date the determin 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				т-эрог	(Bloomberg code: XPD	price	month of expiratio n or (ii)	by the Calculation Agent, in the		on the
expiration 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 on Commodity Agent. Agent. Business Days prior to the last trading date of the relevant Futures Contract of				m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the	by the Calculation Agent, in the period commencing		on the
n with the the case of the first volumes, a Rollover sonate determined by the not less than Calculation on Commodity Agent. Date (or in the case of the first volumes, a Rollover sonate he determined by and ending not less than the case of the relevant trading date of the relevant Futures Contract of sonate high part of the stat trading date of the relevant Futures Contract of sonate high part of the stat trading date of the relevant Futures Contract of sonate high part of the stat trading date of the relevant Futures Contract of sonate high part of the stat trading date of the relevant Futures Contract of sonate high part of the stat trading date of the relevant Futures Contract of sonate high part of the stat trading date of the relevant Futures Contract of sonate high part of the stat trading date of the relevant Futures Contract of sonate high part of the stat trading date of the relevant Futures Contract of sonate high part of the stat trading date of the relevant Futures Contract of sonate high part of the stat trading date of the relevant Futures Contract of sonate high part of the stat trading date of the relevant Futures Contract of sonate high part of the stat trading date of the relevant Futures Contract of sonate high part of the stat trading date of the relevant Futures Contract of sonate high part of the stat trading date of the stat				m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month	by the Calculation Agent, in the period commencing on the		on the
the the case of the first volumes, a Rollover s Date the determin led 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				m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of	by the Calculation Agent, in the period commencing on the previous		on the
highest volumes, a Rollover s Date the determin Issue Date) 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				m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio	by the Calculation Agent, in the period commencing on the previous Rollover		on the
volumes, a Rollover s Date the determin Issue Date) 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				m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in		on the
s Date the lssue 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				m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of		on 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				m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first		on the
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				m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, a	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover		on the
the not less than Calculati 5 on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of				m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, a	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the		on the
Calculati 5 on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of				m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date)		on the
on Commodity Agent. Business Days prior to the last trading date of the relevant Futures Contract of				m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending		on the
Agent. Business Days prior to the last trading date of the relevant Futures Contract of				m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than		on the
Days prior to the last trading date of the relevant Futures Contract of				m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5		on the
the last trading date of the relevant Futures Contract of				m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity		on the
trading date of the relevant Futures Contract of				m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business		on the
of the relevant Futures Contract of				m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to		on the
Futures Contract of				m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last		on the
Contract of				m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date		on the
				m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the		on the
the				m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant		on the
				m-spot	(Bloomberg code: XPD	price	month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures		on the

							Commodity.		
171,32	DE000N	Palladium	Palladiu	PALLADIUM	The	(i) First	A date, as	ICE	The close
4	G4QJA5		m-Spot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
			~ F • ·	(Bloomberg	1	month	by the	US Softs	on the
				code: XPD		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		Livininge
						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		
						1	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
171.22	B = 0.001						Commodity.		
11/13/		D 11 12	D - 11 - 11	DALLADIUM	T1	(i) Einst	A -1-4	ICE	Th1
	DE000N	Palladium	Palladiu	PALLADIUM	The	(i) First	A date, as	ICE Entures	The close
5	G4QJB3	Palladium	Palladiu m-Spot	SPOT \$/OZ	The price	nearby	determined	Futures	of trading
		Palladium		SPOT \$/OZ (Bloomberg		nearby month	determined by the		of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of	determined by the Calculation	Futures	of trading
		Palladium		SPOT \$/OZ (Bloomberg		nearby month of expiratio	determined by the Calculation Agent, in the	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii)	determined by the Calculation Agent, in the period	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the	determined by the Calculation Agent, in the period commencing	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month	determined by the Calculation Agent, in the period commencing on the	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of	determined by the Calculation Agent, in the period commencing	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month	determined by the Calculation Agent, in the period commencing on the previous Rollover	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio	determined by the Calculation Agent, in the period commencing on the previous	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date)	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures	Futures	of trading on the
		Palladium		SPOT \$/OZ (Bloomberg code: XPD		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant	Futures	of trading on the

						Ī	Commodity.		
171,32	DE000N	Palladium	Palladiu	PALLADIUM	The	(i) First	A date, as	ICE	The close
6	G4QJC1		m-Spot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
			~F ··	(Bloomberg	1	month	by the	US Softs	on the
				code: XPD		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		Livininge
						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		
						1	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
171 22	DEGGONI	5 11 11	D 11 11	DALL ADMIN	The	(i) First	Commodity. A date, as	ICE	The close
171,32 7	DE000N	Palladium	Palladiu	PALLADIUM	rne	I(I) FIISt	I A date, as	LICE	i i ne ciose l
	CAOIDO		an Canad	SPOT \$/OZ	price				
,	G4QJD9		m-Spot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
′	G4QJD9		m-Spot	(Bloomberg	price	nearby month	determined by the		of trading on the
,	G4QJD9		m-Spot	(Bloomberg code: XPD	price	nearby month of	determined by the Calculation	Futures	of trading
,	G4QJD9		m-Spot	(Bloomberg	price	nearby month of expiratio	determined by the Calculation Agent, in the	Futures	of trading on the
,	G4QJD9		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii)	determined by the Calculation Agent, in the period	Futures	of trading on the
,	G4QJD9		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the	determined by the Calculation Agent, in the period commencing	Futures	of trading on the
,	G4QJD9		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month	determined by the Calculation Agent, in the period commencing on the	Futures	of trading on the
,	G4QJD9		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of	determined by the Calculation Agent, in the period commencing	Futures	of trading on the
,	G4QJD9		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month	determined by the Calculation Agent, in the period commencing on the previous Rollover	Futures	of trading on the
,	G4QJD9		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio	determined by the Calculation Agent, in the period commencing on the previous	Futures	of trading on the
,	G4QJD9		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in	Futures	of trading on the
,	G4QJD9		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	Futures	of trading on the
,	G4QJD9		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the	Futures	of trading on the
	G4QJD9		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date)	Futures	of trading on the
	G4QJD9		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending	Futures	of trading on the
	G4QJD9		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than	Futures	of trading on the
	G4QJD9		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than	Futures	of trading on the
	G4QJD9		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity	Futures	of trading on the
	G4QJD9		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business	Futures	of trading on the
	G4QJD9		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to	Futures	of trading on the
	G4QJD9		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last	Futures	of trading on the
	G4QJD9		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date	Futures	of trading on the
	G4QJD9		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the	Futures	of trading on the
	G4QJD9		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant	Futures	of trading on the
	G4QJD9		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures	Futures	of trading on the
	G4QJD9		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant	Futures	of trading on the

							Commodity.		
171,32	DE000N	Palladium	Palladiu	PALLADIUM	The	(i) First	A date, as	ICE	The close
8	G4QJE7		m-Spot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
			~ F * ·	(Bloomberg	1	month	by the	US Softs	on the
				code: XPD		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		Livinge
				,		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		
				1		Calculati	5		
				1		on	Commodity		
						Agent.	Business		
				1		1	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
171.22	DEGGONI	5 11 11	D 11 11	DALL ADMIN	TEL	(i) First	Commodity.	ICE	TT1 1
171,32 9	DE000N	Palladium	Palladiu	PALLADIUM	The	I (1) F1rst	A date, as	HCE	The close
19	CAOIEA		G 4	CDOT \$/OZ	mmiaa				of trading
1	G4QJF4		m-Spot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
	G4QJF4		m-Spot	(Bloomberg	price	nearby month	determined by the		on the
	G4QJF4		m-Spot	(Bloomberg code: XPD	price	nearby month of	determined by the Calculation	Futures	
	G4QJF4		m-Spot	(Bloomberg	price	nearby month of expiratio	determined by the Calculation Agent, in the	Futures	on the
	G4QJF4		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii)	determined by the Calculation Agent, in the period	Futures	on the
	G4QJF4		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the	determined by the Calculation Agent, in the period commencing	Futures	on the
	G4QJF4		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month	determined by the Calculation Agent, in the period commencing on the	Futures	on the
	G4QJF4		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of	determined by the Calculation Agent, in the period commencing	Futures	on the
	G4QJF4		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month	determined by the Calculation Agent, in the period commencing on the previous Rollover	Futures	on the
	G4QJF4		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio	determined by the Calculation Agent, in the period commencing on the previous	Futures	on the
	G4QJF4		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in	Futures	on the
	G4QJF4		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	Futures	on the
	G4QJF4		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the	Futures	on the
	G4QJF4		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date)	Futures	on the
	G4QJF4		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending	Futures	on the
	G4QJF4		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than	Futures	on the
	G4QJF4		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than	Futures	on the
	G4QJF4		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity	Futures	on the
	G4QJF4		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business	Futures	on the
	G4QJF4		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to	Futures	on the
	G4QJF4		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last	Futures	on the
	G4QJF4		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date	Futures	on the
	G4QJF4		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the	Futures	on the
	G4QJF4		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant	Futures	on the
	G4QJF4		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures	Futures	on the
	G4QJF4		m-Spot	(Bloomberg code: XPD	price	nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant	Futures	on the

						1	Commodity.		
171,33	DE000N	Palladium	Palladiu	PALLADIUM	The	(i) First	A date, as	ICE	The close
0	G4QJG2		m-Spot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
	0.002		iii spor	(Bloomberg	1	month	by the	US Softs	on the
				code: XPD		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		Lachunge
						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 Volumes, C	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		
I									
171 33	DE000N	Platinum	Platinum-	PLATINUM	The	(i) First	Commodity.	ICE	The close
	DE000N G4OJH0	Platinum	Platinum-		The price	(i) First	Commodity. A date, as	ICE Futures	The close of trading
171,33	DE000N G4QJH0	Platinum	Platinum- Spot	SPOT \$/OZ	The price	nearby	Commodity. A date, as determined	Futures	of trading
		Platinum		SPOT \$/OZ (Bloomberg		nearby month	Commodity. A date, as determined by the		of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of	Commodity. A date, as determined by the Calculation	Futures	of trading
		Platinum		SPOT \$/OZ (Bloomberg		nearby month of expiratio	Commodity. A date, as determined by the Calculation Agent, in the	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii)	Commodity. A date, as determined by the Calculation Agent, in the period	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the	Commodity. A date, as determined by the Calculation Agent, in the	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date)	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant	Futures	of trading on the

		İ				1	Commodity.		
171,33	DE000N	Platinum	Platinum-	PLATINUM	The	(i) First	A date, as	ICE	The close
2	G4QJJ6		Spot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
	0.200		Брог	(Bloomberg	1	month	by the	US Softs	on the
				code: XPT		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		Lachunge
				Cincy)		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 Volumes, C	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		
I .									
171 33	DE000N	Platinum	Platinum-	PLATINUM	The	(i) First	Commodity.	ICE	The close
	DE000N G4OJK4	Platinum	Platinum-		The price	(i) First	Commodity. A date, as	ICE Futures	The close of trading
171,33	DE000N G4QJK4	Platinum	Platinum- Spot	SPOT \$/OZ	The price	nearby	Commodity. A date, as determined	Futures	of trading
		Platinum		SPOT \$/OZ (Bloomberg		nearby month	Commodity. A date, as determined by the		of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of	Commodity. A date, as determined by the Calculation	Futures	of trading
		Platinum		SPOT \$/OZ (Bloomberg		nearby month of expiratio	Commodity. A date, as determined by the Calculation Agent, in the	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii)	Commodity. A date, as determined by the Calculation Agent, in the period	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the	Commodity. A date, as determined by the Calculation Agent, in the	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date)	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures	Futures	of trading on the
		Platinum		SPOT \$/OZ (Bloomberg code: XPT		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant	Futures	of trading on the

							Commodity.		
171,33	DE000N	Platinum	Platinum-	PLATINUM	The	(i) First	A date, as	ICE	The close
4	G4QJL2		Spot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
	0.022		Брог	(Bloomberg	1	month	by the	US Softs	on the
				code: XPT		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		Exchange
				(Cincy)		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 volumes, a	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	not less than		
						on	Commodity		
							Business		
						Agent.	Days prior to		
							the last		
							trading date of the		
							relevant		
							Futures		
							Contract of		
							the		
171,33	DE000N	Silver	Silver-Sp	SILVER	The	(i) First	Commodity. A date, as	ICE	The close
5	G4QJM0	Silvei	ot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
]	04QJM0		οι	(Bloomberg	price	month	by the	US Softs	on the
				code: XAG		of	Calculation	05 50115	Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		Exchange
				<cri>criicy>)</cri>		n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
							the first		
						highest volumes, a			
						1	Date the		
						s determin			
							Issue Date)		
						ed by	and ending not less than		
						the Calculati	not less than		
							Commodity		
						on	Business		
						Agent.			
							Days prior to		
							the last		
							trading date		
							of the		
1							relevant		
							Futures		
							Contract of the		

		1				Ī	Commodity.		
171,33	DE000N	Silver	Silver-Sp	SILVER	The	(i) First	A date, as	ICE	The close
6	G4QJN8		ot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
	3.20113			(Bloomberg	1	month	by the	US Softs	on the
				code: XAG		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		Exchange
				Cincy)		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		
						Agent.	Business		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
171,33	DE000N	Silver	Silver-Sp	SILVER	The	(i) First	Commodity. A date, as	ICE	The close
171,33 7		Silver	Silver-Sp ot	SILVER SPOT \$/OZ	The price	(i) First nearby		ICE Futures	The close of trading
	DE000N G4QJP3	Silver	_				A date, as	Futures	
		Silver	_	SPOT \$/OZ		nearby	A date, as determined		of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg		nearby month	A date, as determined by the	Futures	of trading
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of	A date, as determined by the Calculation	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio	A date, as determined by the Calculation Agent, in the	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii)	A date, as determined by the Calculation Agent, in the period	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the	A date, as determined by the Calculation Agent, in the period commencing	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio	A date, as determined by the Calculation Agent, in the period commencing on the	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date)	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures	Futures	of trading on the

							Commodity.		
171,33	DE000N	Silver	Silver-Sp	SILVER	The	(i) First	A date, as	ICE	The close
8	G4QJQ1		ot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
	3.4041			(Bloomberg	1	month	by the	US Softs	on the
				code: XAG		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		Exchange
				Cincy)		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		
1		1					I Commodify		
171.33	DE000N	Silver	Silver-Sp	SILVER	The	(i) First	Commodity. A date, as	ICE	The close
171,33 9	DE000N G4OJR9	Silver	Silver-Sp ot	SILVER SPOT \$/OZ	The price	(i) First nearby	A date, as	ICE Futures	The close of trading
	DE000N G4QJR9	Silver	Silver-Sp ot	SPOT \$/OZ	The price	nearby	A date, as determined	Futures	The close of trading on the
		Silver	_				A date, as		of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of	A date, as determined by the Calculation	Futures	of trading
		Silver	_	SPOT \$/OZ (Bloomberg		nearby month of expiratio	A date, as determined by the Calculation Agent, in the	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of	A date, as determined by the Calculation Agent, in the period	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii)	A date, as determined by the Calculation Agent, in the	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the	A date, as determined by the Calculation Agent, in the period commencing	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month	A date, as determined by the Calculation Agent, in the period commencing on the	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of	A date, as determined by the Calculation Agent, in the period commencing on the previous	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date)	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant	Futures	of trading on the
		Silver	_	SPOT \$/OZ (Bloomberg code: XAG		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures	Futures	of trading on the

							Commodity.		
171.34	DE000N	WTI	OIL-WTI	Initially	The	(i) First	A date, as	ICE	The close
0	G4QJS7	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
	312057	Cruac on	X	code: CLZ1	r	month	by the	US Softs	on the
			Λ	<cmdty> and</cmdty>		of	Calculation	OB BOILS	Exchange
				after the first		expiratio	Agent, in the		Exchange
				Rollover Date		n or (ii)	period		
				the Bloomberg		the			
						month	commencing		
				page referring		of	on the		
				to the relevant			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		
]	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
151.07		1					• • • • • • • • • • • • • • • • • • • •		
117134	DE000N	WTI	OII -WTI	Initially	The	(i) Firet		ICE	The close
	DE000N	WTI Crudo Oil	OIL-WTI	-	The	(i) First	A date, as	ICE Futures	The close
171,34	DE000N G4QJT5	WTI Crude Oil	-NYME	Bloomberg	The price	nearby	A date, as determined	Futures	of trading
		1		Bloomberg code: CLZ1		nearby month	A date, as determined by the		of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and</cmdty>		nearby month of	A date, as determined by the Calculation	Futures	of trading
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first</cmdty>		nearby month of expiratio	A date, as determined by the Calculation Agent, in the	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date</cmdty>		nearby month of expiratio n or (ii)	A date, as determined by the Calculation Agent, in the period	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date the Bloomberg</cmdty>		nearby month of expiratio n or (ii) the	A date, as determined by the Calculation Agent, in the period commencing	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date the Bloomberg page referring</cmdty>		nearby month of expiratio n or (ii) the month	A date, as determined by the Calculation Agent, in the period commencing on the	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant</cmdty>		nearby month of expiratio n or (ii) the month of	A date, as determined by the Calculation Agent, in the period commencing on the previous	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>		nearby month of expiratio n or (ii) the month of expiratio	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant</cmdty>		nearby month of expiratio n or (ii) the month of expiratio n with	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>		nearby month of expiratio n or (ii) the month of expiratio n with	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>		nearby month of expiratio n or (ii) the month of expiratio n with the highest	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date)	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determin ed by the Calculati	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures	Futures	of trading on the
		1	-NYME	Bloomberg code: CLZ1 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>		nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati on	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant	Futures	of trading on the

		Commodity.
8	Fund Certificate Provisions	Not Applicable
29	Government Bond Certificate Provisions	Not Applicable
20	Other Bond Contificate Branisisms	Nat Ameliachia
30	Other Bond Certificate Provisions	Not Applicable
31	Index Futures Certificate Provisions	Not Applicable
Signe	ed on behalf of the Issuer:	
Зу:		
Duly	authorised	
Зу:		
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 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
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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>)</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>
Palladium	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: XPD <crncy>)</crncy>
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>)

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
DE000NG4QHL6	Not Applicable	NG4QHL
DE000NG4QHM4	Not Applicable	NG4QHM
DE000NG4QHN2	Not Applicable	NG4QHN
DE000NG4QHP7	Not Applicable	NG4QHP
DE000NG4QHQ5	Not Applicable	NG4QHQ
DE000NG4QHR3	Not Applicable	NG4QHR

DE000NG4QHS1	Not Applicable	NG4QHS
DE000NG4QHT9	Not Applicable	NG4QHT
DE000NG4QHU7	Not Applicable	NG4QHU
DE000NG4QHV5	Not Applicable	NG4QHV
DE000NG4QHW3	Not Applicable	NG4QHW
DE000NG4QHX1	Not Applicable	NG4QHX
DE000NG4QHY9	Not Applicable	NG4QHY
DE000NG4QHZ6	Not Applicable	NG4QHZ
DE000NG4QH04	Not Applicable	NG4QH0
DE000NG4QH12	Not Applicable	NG4QH1
DE000NG4QH20	Not Applicable	NG4QH2
DE000NG4QH38	Not Applicable	NG4QH3
DE000NG4QH46	Not Applicable	NG4QH4
DE000NG4QH53	Not Applicable	NG4QH5
DE000NG4QH61	Not Applicable	NG4QH6
DE000NG4QH79	Not Applicable	NG4QH7
DE000NG4QH87	Not Applicable	NG4QH8
DE000NG4QH95	Not Applicable	NG4QH9
DE000NG4QJA5	Not Applicable	NG4QJA
DE000NG4QJB3	Not Applicable	NG4QJB
DE000NG4QJC1	Not Applicable	NG4QJC
DE000NG4QJD9	Not Applicable	NG4QJD
DE000NG4QJE7	Not Applicable	NG4QJE
DE000NG4QJF4	Not Applicable	NG4QJF
DE000NG4QJG2	Not Applicable	NG4QJG
DE000NG4QJH0	Not Applicable	NG4QJH
DE000NG4QJJ6	Not Applicable	NG4QJJ
DE000NG4QJK4	Not Applicable	NG4QJK
DE000NG4QJL2	Not Applicable	NG4QJL
DE000NG4QJM0	Not Applicable	NG4QJM
DE000NG4QJN8	Not Applicable	NG4QJN
DE000NG4QJP3	Not Applicable	NG4QJP
DE000NG4QJQ1	Not Applicable	NG4QJQ
DE000NG4QJR9	Not Applicable	NG4QJR
DE000NG4QJS7	Not Applicable	NG4QJS
DE000NG4QJT5	Not Applicable	NG4QJT

(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