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.

Final Terms dated 22 July 2019

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

| Series number of the | WKN Code | ISIN Code | Number of Certificates being issued | Title |
|----------------------------|-------------|--------------|---|--|
| Certificates | | | | |
| 94267 | NG2ND9 | DE000NG2ND94 | 2000000 | ING Long Commodity Open End Turbo Certificate |
| 94268 | NG2NEA | DE000NG2NEA7 | 2000000 | ING Long Commodity Open End Turbo Certificate |
| 94269 | NG2NEB | DE000NG2NEB5 | 2000000 | ING Long Commodity Open End Turbo Certificate |
| 94270 | NG2NEC | DE000NG2NEC3 | 2000000 | ING Long Commodity Open End Turbo Certificate |
| 94271 | NG2NED | DE000NG2NED1 | 2000000 | ING Long Commodity Open End Turbo Certificate |
| 94272 | NG2NEE | DE000NG2NEE9 | 2000000 | ING Long Commodity Open End Turbo Certificate |
| 94273 | NG2NEF | DE000NG2NEF6 | 2000000 | ING Long Commodity Open End Turbo Certificate |
| 94274 | NG2NEG | DE000NG2NEG4 | 2000000 | ING Long Commodity Open End Turbo Certificate |
| 94275 | NG2NEH | DE000NG2NEH2 | 2000000 | ING Long Commodity Open End Turbo Certificate |
| 94276 | NG2NEJ | DE000NG2NEJ8 | 2000000 | ING Long Commodity Open End Turbo Certificate |
| 94277 | NG2NEK | DE000NG2NEK6 | 2000000 | ING Long Commodity Open End Turbo Certificate |
| 94278 | NG2NEL | DE000NG2NEL4 | 2000000 | ING Long Commodity Open End Turbo Certificate |

| 94279 | NG2NEM | DE000NG2NEM2 | 2000000 | ING Long Commodity Open End Turbo Certificate |
|-------|--------|--------------|---------|--|
| 94280 | NG2NEN | DE000NG2NEN0 | 2000000 | ING Long Commodity Open End Turbo Certificate |
| 94281 | NG2NEP | DE000NG2NEP5 | 2000000 | ING Long Commodity Open End Turbo Certificate |
| 94282 | NG2NEQ | DE000NG2NEQ3 | 2000000 | ING Long Commodity Open End Turbo Certificate |
| 94283 | NG2NER | DE000NG2NER1 | 2000000 | ING Long Commodity Open End Turbo Certificate |
| 94284 | NG2NES | DE000NG2NES9 | 2000000 | ING Long Commodity Open End Turbo Certificate |
| 94285 | NG2NET | DE000NG2NET7 | 2000000 | ING Long Commodity Open End Turbo Certificate |
| 94286 | NG2NEU | DE000NG2NEU5 | 2000000 | 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 that Public Offer Jurisdiction mentioned in the Paragraph Distribution of Part B below, provided such person is of a kind specified in that paragraph; 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 the Prospectus Directive or to supplement a prospectus pursuant to Article 16 of the Prospectus Directive, 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.

PART A - CONTRACTUAL TERMS

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 this Base Prospectus dated 6 May 2019 as supplemented from time to time (the "Prospectus") which constitutes a base prospectus for the purposes of Directive 2003/71/EC, as amended, to the extent that such amendments have been implemented in the relevant Member State of the European Economic Area, (the "Prospectus Directive"). This document constitutes the Final Terms applicable to the issue of Certificates described herein for the purposes of Article 5.4 of the Prospectus Directive (as implemented by the Dutch Financial Supervision Act (*Wet op het financieel toezicht*) and its implementing regulations) and must be read in conjunction with such Prospectus. Full information on the Issuer and the offer of the Certificates is only available on the basis of the combination of these Final Terms and the Prospectus. Copies of the Prospectus 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 website www.ingmarkets.de.

GENERAL DESCRIPTION OF THE CERTIFICATES

| (b) Whether or not the Certificates are to be consolidated and form a single series with the Certificates of an existing series: (a) The type of Certificates which may be Index Certificates, Share Certificates, Currency Certificates, Share Certificates, Fund Certificates, Commodity Certificates, Fund Certificates, Government Bond Certificates or Index Futures Certificates. (b) Whether such Certificates are Best Ended Certificates or Fixed Leverage. | 1 | (a) Series number of the Certificates: | As specified in the table below |
|--|----|---|---------------------------------|
| Certificates, Share Certificates, Currency Certificates, Commodity Certificates, Fund Certificates, Government Bond Certificates or Index Futures Certificates are Post Index Futures Certificates are Certificates are Certificates, Limited Certificates, Open End Turbos) (b) Whether such Certificates are Long Ended Certificates or Fixed Leverage. (c) Whether such Certificates are Long Certificates or Certificates or Short Certificates: 3 Number of Certificates being issued: 4 Issue Price per Certificate: 5 Trade Date: 6 Issue Date: 7 "as-if-and-when-issued" trading: 8 Current Financing Level on the Trade Date: 8 Current Spread on the Trade Date: 9 Current Spread on the Trade Date: 10 Maximum Spread: 11 Current Stop Loss Premium Rate on the Trade Date: 12 Maximum Premium: 13 Minimum Premium: 14 Stop Loss Price on the Trade Date: 15 Stop Loss Price on the Trade Date: 16 Entitlement: 17 Financing Level Currency: 18 Settlement Currency: 19 Exercise Time: 10 Cash Settlement Amount: 11 As specified in the table below 12 As specified in the table below 13 As specified in the table below 14 Sepcified in the table below 15 Stop Loss Price Rounding: 16 Entitlement: 17 Financing Level Currency: 18 Settlement Currency: 19 Exercise Time: 10 Cash Settlement Amount: 11 Cash Settlement Amount: 12 Cash Settlement Amount: 13 As specified in the Commodity Certificate Conditions | | consolidated and form a single series with the | Not Applicable |
| Certificates, Limited Certificates, Open End Turbos) (C) Whether such Certificates are Long Certificates (C) Whether such Certificates are Long Certificates (C) Whether such Certificates: (C) Whether such Certificates: (E) Long Certificates (E) L | 2 | Certificates, Share Certificates, Currency Certificates, Commodity Certificates, Fund Certificates, Government Bond Certificates or | Commodity Certificates |
| Certificates or Short Certificates: 3 Number of Certificates being issued: 4 Issue Price per Certificate: 5 Trade Date: 6 Issue Date: 7 "as-if-and-when-issued" trading: 8 Current Financing Level on the Trade Date: 9 Current Spread on the Trade Date: 10 Maximum Spread: 11 Current Stop Loss Premium Rate on the Trade Date: 12 Maximum Premium: 13 Minimum Premium: 14 Stop Loss Price on the Trade Date: 15 Stop Loss Price Rounding: 16 Entitlement: 17 As specified in the table below 18 Settlement Currency: 19 Exercise Time: 10 As specified in the table below 11 Current Stop Loss Premium Rate on the Trade Date: 12 As specified in the table below 13 Minimum Premium: 14 Stop Loss Price Rounding: 15 Stop Loss Price Rounding: 16 Entitlement: 17 As specified in the table below 18 Settlement Currency: 19 Exercise Time: 10 Cash Settlement Amount: 10 As specified in the Commodity Certificate Conditions | | Certificates, Limited Certificates, Open | |
| 4 Issue Price per Certificate: As specified in the table below 5 Trade Date: 23 July 2019 6 Issue Date: 25 July 2019 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 | | | Long Certificates |
| Trade Date: 1 Trade Date: 2 July 2019 1 Issue Date: 2 July 2019 7 "as-if-and-when-issued" trading: 8 Current Financing Level on the Trade Date: 9 Current Spread on the Trade Date: 10 Maximum Spread: 11 Current Stop Loss Premium Rate on the Trade Date: 12 Maximum Premium: 13 Minimum Premium: 14 Stop Loss Price on the Trade Date: 15 Stop Loss Price Rounding: 16 Entitlement: 17 Financing Level Currency: 18 Settlement Currency: 19 Exercise Time: 10 As specified in the table below 11 As specified in the table below 12 As specified in the table below 13 As specified in the table below 14 Stop Loss Price Rounding: 15 As specified in the table below 16 Entitlement: 17 As specified in the table below 18 Settlement Currency: 19 Exercise Time: 10 Cash Settlement Amount: 11 As specified in the Commodity Certificate Conditions | 3 | Number of Certificates being issued: | As specified in the table below |
| 1 Issue Date: 25 July 2019 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 | 4 | Issue Price per Certificate: | As specified in the table below |
| 7 "as-if-and-when-issued" trading: 8 Current Financing Level on the Trade Date: 9 Current Spread on the Trade Date: 10 Maximum Spread: 11 Current Stop Loss Premium Rate on the Trade Date: 12 Maximum Premium: 13 Minimum Premium: 14 Stop Loss Price on the Trade Date: 15 Stop Loss Price Rounding: 16 Entitlement: 17 Financing Level Currency: 18 Settlement Currency: 19 Exercise Time: 10 Not Applicable As specified in the table below | 5 | Trade Date: | 23 July 2019 |
| Current Financing Level on the Trade Date: As specified in the table below Current Spread on the Trade Date: As specified in the table below As specified in the table below Current Stop Loss Premium Rate on the Trade Date: As specified in the table below Entitlement: As specified in the table below Bettlement Currency: As specified in the table below EUR European Time Cash Settlement Amount: As specified in the Commodity Certificate Conditions | 6 | Issue Date: | 25 July 2019 |
| 9 Current Spread on the Trade Date: 10 Maximum Spread: 11 Current Stop Loss Premium Rate on the Trade Date: 12 Maximum Premium: 13 Minimum Premium: 14 Stop Loss Price on the Trade Date: 15 Stop Loss Price Rounding: 16 Entitlement: 17 Financing Level Currency: 18 Settlement Currency: 19 Exercise Time: 10 As specified in the table below 10 As specified in the table below 11 As specified in the table below 12 As specified in the table below 13 As specified in the table below 14 Stop Loss Price Rounding: 15 As specified in the table below 16 Entitlement: 17 Financing Level Currency: 18 Settlement Currency: 19 Exercise Time: 10 Cash Settlement Amount: 10 As specified in the Commodity Certificate Conditions | 7 | "as-if-and-when-issued" trading: | Not Applicable |
| Maximum Spread: Current Stop Loss Premium Rate on the Trade Date: As specified in the table below Minimum Premium: Stop Loss Price on the Trade Date: As specified in the table below Stop Loss Price Rounding: As specified in the table below Entitlement: As specified in the table below As specified in the table below Entitlement: As specified in the table below EUR EUR Date: As specified in the table below EUR Cash Settlement Amount: As specified in the Commodity Certificate Conditions | 8 | Current Financing Level on the Trade Date: | As specified in the table below |
| Current Stop Loss Premium Rate on the Trade Date: As specified in the table below Maximum Premium: As specified in the table below Minimum Premium: As specified in the table below Stop Loss Price on the Trade Date: As specified in the table below Stop Loss Price Rounding: As specified in the table below Entitlement: As specified in the table below Financing Level Currency: As specified in the table below EUR EUR Exercise Time: Cash Settlement Amount: As specified in the Commodity Certificate Conditions | 9 | Current Spread on the Trade Date: | As specified in the table below |
| Date: Date: | 10 | Maximum Spread: | As specified in the table below |
| Minimum Premium: As specified in the table below Stop Loss Price on the Trade Date: As specified in the table below Stop Loss Price Rounding: As specified in the table below Entitlement: As specified in the table below Financing Level Currency: As specified in the table below EUR EUR Exercise Time: 12:00 AM Central European Time As specified in the Commodity Certificate Conditions | 11 | | As specified in the table below |
| Stop Loss Price on the Trade Date: Stop Loss Price Rounding: As specified in the table below Entitlement: As specified in the table below Financing Level Currency: Settlement Currency: EUR Exercise Time: 12:00 AM Central European Time As specified in the Commodity Certificate Conditions | 12 | Maximum Premium: | As specified in the table below |
| 15 Stop Loss Price Rounding: 16 Entitlement: 17 Financing Level Currency: 18 Settlement Currency: 19 Exercise Time: 10 Cash Settlement Amount: 11 As specified in the table below 12:00 AM Central European Time 20 As specified in the Commodity Certificate Conditions | 13 | Minimum Premium: | 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 | 14 | Stop Loss Price on the Trade Date: | 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 | 15 | Stop Loss Price Rounding: | 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 | 16 | Entitlement: | As specified in the table below |
| 19 Exercise Time: 12:00 AM Central European Time 20 Cash Settlement Amount: As specified in the Commodity Certificate Conditions | 17 | Financing Level Currency: | As specified in the table below |
| 20 Cash Settlement Amount: As specified in the Commodity Certificate Conditions | 18 | Settlement Currency: | EUR |
| Conditions | 19 | Exercise Time: | 12:00 AM Central European Time |
| 21 Final Valuation Date: Not Applicable | 20 | Cash Settlement Amount: | |
| | 21 | Final Valuation Date: | Not Applicable |

| 22 | | Annually, commencing on the date one year after the Issue Date. |
|----|--|---|
| 23 | Applicable Business Day Centre(s) for the purposes of the definition of "Business Day" | Amsterdam |

| Series | ISIN Code | Number of | Issue | Current | Current | Maximum | Current | Maximum | Minimum | Stop Loss | Stop | Entitle | Financing |
|--------------|------------------|--------------|-------------|---------------------|---------|---------|-------------|---------|---------|---------------------|---------|---------|-----------|
| Number of | | Certificates | price per | Financing | Spread | Spread | Stop Loss | Premium | Premium | Price on | Loss | ment | Level |
| the | | being issued | Certificate | Level on | on the | | Premium | | | the Trade | Price | | Currency |
| Certificates | | | | the Trade | Trade | | Rate on the | | | Date | Roundin | | |
| | | | | Date | Date | | Trade Date | | | | g | | |
| 94267 | DE000NG2ND9 | 2000000 | 1.03 | 1413.71000 00000 | 3.5 | 5.0 | 3.0 | 20.0 | 0.0 | 1413.71000 | 0.01 | 0.1 | USD |
| | 4 | | | | | 1 | | 1 | | 00000 | | 1 | |
| 94268 | DE000NG2NEA 7 | 2000000 | 1.21 | 1411.71000 00000 | 3.5 | 5.0 | 3.0 | 20.0 | 0.0 | 1411.71000 00000 | 0.01 | 0.1 | USD |
| 94269 | DE000NG2NEB | 2000000 | 0.22 | 16.0690000 | 3.5 | 5.0 | 4.0 | 20.0 | 0.0 | 16.0690000 | 0.0001 | 1.0 | USD |
| | 5 | | | 000 | | 1 | | | | 000 | | | |
| 94270 | DE000NG2NEC | 2000000 | 0.31 | 15.9690000 000 | 3.5 | 5.0 | 4.0 | 20.0 | 0.0 | 15.9690000 000 | 0.0001 | 1.0 | USD |
| 94271 | DE000NG2NED | 2000000 | 0.4 | 15.8690000 | 3.5 | 5.0 | 4.0 | 20.0 | 0.0 | 15.8690000 | 0.0001 | 1.0 | USD |
| | 1 | | | 000 | | | | | | 000 | | | |
| 94272 | DE000NG2NEE | 2000000 | 0.49 | 15.7690000 000 | 3.5 | 5.0 | 4.0 | 20.0 | 0.0 | 15.7690000 | 0.0001 | 1.0 | USD |
| 0.4070 | | 2000000 | 0.50 | | 2.5 | 7.0 | 4.0 | | | 000 | 0.0001 | 1.0 | Hab |
| 94273 | DE000NG2NEF 6 | 2000000 | 0.58 | 15.6690000 000 | 3.5 | 5.0 | 4.0 | 20.0 | 0.0 | 15.6690000 000 | 0.0001 | 1.0 | USD |
| 94274 | DE000NG2NEG | 2000000 | 0.96 | 55.6400000 | 3.5 | 5.0 | 7.5 | 20.0 | 0.0 | 55.6400000 | 0.01 | 1.0 | USD |
| | 4 | | | 000 | | | | | | 000 | | | |
| 94275 | DE000NG2NEH 2 | 2000000 | 1.19 | 55.3900000 000 | 3.5 | 5.0 | 7.5 | 20.0 | 0.0 | 55.3900000 | 0.01 | 1.0 | USD |
| 0.407.6 | | 2000000 | 1 41 | | 2.5 | 5.0 | 7.5 | 1 | | 000 | 0.01 | 1.0 | Hab |
| 94276 | DE000NG2NEJ8 | 2000000 | 1.41 | 55.1400000 000 | 3.5 | 5.0 | 7.5 | 20.0 | 0.0 | 55.1400000 000 | 0.01 | 1.0 | USD |
| 94277 | DE000NG2NEK | 2000000 | 1.63 | 54.8900000 | 3.5 | 5.0 | 7.5 | 20.0 | 0.0 | 54.8900000 | 0.01 | 1.0 | USD |
| | 6 | | | 000 | | | | | | 000 | | | |
| 94278 | DE000NG2NEL | 2000000 | 0.67 | 62.9300000 000 | 3.5 | 5.0 | 7.5 | 20.0 | 0.0 | 62.9300000 000 | 0.01 | 1.0 | USD |
| 94279 | DE000NG2NEM | 2000000 | 0.89 | 62.6800000 | 3.5 | 5.0 | 7.5 | 20.0 | 0.0 | 62.6800000 | 0.01 | 1.0 | USD |
| 94219 | 2 | 2000000 | 0.89 | 000 | 3.3 | 3.0 | 7.3 | 20.0 | 0.0 | 000 | 0.01 | 1.0 | USD |
| 94280 | DE000NG2NEN | 2000000 | 1.11 | 62.4300000 | 3.5 | 5.0 | 7.5 | 20.0 | 0.0 | 62.4300000 | 0.01 | 1.0 | USD |
| | 0 | | | 000 | | | | | | 000 | | | |
| 94281 | DE000NG2NEP | 2000000 | 1.34 | 62.1800000 | 3.5 | 5.0 | 7.5 | 20.0 | 0.0 | 62.1800000 | 0.01 | 1.0 | USD |
| | 5 | | | 000 | | | | | | 000 | | | |
| 94282 | DE000NG2NEQ | 2000000 | 1.56 | 61.9300000 | 3.5 | 5.0 | 7.5 | 20.0 | 0.0 | 61.9300000 | 0.01 | 1.0 | USD |

| | 3 | | | 000 | | | | | | 000 | | | |
|-------|------------------|---------|------|--------------------|-----|-----|-----|------|-----|--------------------|------|------|-----|
| 94283 | DE000NG2NER 1 | 2000000 | 1.78 | 61.6800000 000 | 3.5 | 5.0 | 7.5 | 20.0 | 0.0 | 61.6800000 000 | 0.01 | 1.0 | USD |
| 94284 | DE000NG2NES 9 | 2000000 | 2.01 | 61.4300000 000 | 3.5 | 5.0 | 7.5 | 20.0 | 0.0 | 61.4300000 000 | 0.01 | 1.0 | USD |
| 94285 | DE000NG2NET 7 | 2000000 | 2.23 | 61.1800000 000 | 3.5 | 5.0 | 7.5 | 20.0 | 0.0 | 61.1800000 000 | 0.01 | 1.0 | USD |
| 94286 | DE000NG2NEU 5 | 2000000 | 0.18 | 828.200000 0000 | 3.5 | 5.0 | 5.0 | 20.0 | 0.0 | 828.200000 0000 | 0.01 | 0.01 | 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 Numb er of the Certifi cates | ISIN Code | (i) Commodi ty | (ii) Commod ity Reference Price | (iii) Price Source/ Reference Dealers | (iv) Specifi ed Price | (v) Delivery Dates | (vi) Rollover Date | (vii) Exchange | (viii) Valuation Time |
|--|------------------|----------------------|---|---|--------------------------------|--|--|----------------------------|---|
| 94267 | DE000N G2ND94 | Gold | | GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy> | The spot price | (i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determine d by the Calculati on Agent. | 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 Contract of the Commodity. | ICE Futures US Softs | The close of trading on the Exchange |
| 94268 | DE000N G2NEA7 | Gold | | GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy> | The spot price | (i) First 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 | ICE Futures US Softs | The close of trading on the Exchange |

| | 1 | | | | | | | |
|-------|---------|--------------|------------------|-------|-----------|----------------|-------------------------------------|------------|
| | | | | | n with | previous | | |
| | | | | | the | Rollover | | |
| | | | | | highest | Date (or in | | |
| | | | | | volumes, | the case of | | |
| | | | | | as | the first | | |
| | | | | | determine | | | |
| | | | | | | | | |
| | | | | | d by the | Date the | | |
| | | | | | Calculati | Issue Date) | | |
| | | | | | on | and ending | | |
| | | | | | Agent. | not less than | | |
| | | | | | | 5 | | |
| | | | | | | Commodity | | |
| | | | | | | Business | | |
| | | | | | | Days prior to | | |
| | | | | | | the last | | |
| | | | | | | | | |
| | | | | | | trading date | | |
| | | | | | | of the | | |
| | | | | | | relevant | | |
| | | | | | | Futures | | |
| | | | | | | Contract of | | |
| | | | | | | the | | |
| | | | | | | Commodity. | | |
| 94269 | DE000N | Silver | SILVER | The | (i) First | A date, as | ICE | The close |
| 1202 | G2NEB5 | | SPOT \$/OZ | spot | nearby | determined | Futures | of trading |
| | GZITEDS | | (Bloomberg | price | month of | by the | US Softs | on the |
| | | | code: XAG | price | | Calculation | 05 5016 | |
| | | | | | expiratio | | | Exchange |
| | | | <crncy>)</crncy> | | n or (ii) | Agent, in the | | |
| | | | | | the | period | | |
| | | | | | month of | commencing | | |
| | | | | | expiratio | on the | | |
| | | | | | n with | previous | | |
| | | | | | the | Rollover | | |
| | | | | | highest | Date (or in | | |
| | | | | | volumes, | the case of | | |
| | | | | | as | the first | | |
| | | | | | determine | | | |
| | | | | | d by the | Date the | | |
| | | | | | 1 - | | | |
| | | | | | Calculati | Issue Date) | | |
| | | | | | on | and ending | | |
| | | | | | Agent. | not less than | | |
| | | | | | | 5 | | |
| | | | | | | Commodity | | |
| | | | | | | Business | | |
| | | | | | | Days prior to | | |
| | | | | | 1 | the last | | |
| | | | | | | trading date | | |
| | | | | | | of the | | |
| | | | | | 1 | relevant | | |
| | | | | | | Futures | | |
| | | | | | | | | |
| | | | | | | Contract of | | |
| | | | | | | the | | |
| | | | | | | Commodity. | | |
| 94270 | DE000N | Silver | SILVER | The | (i) First | A date, as | ICE | The close |
| | G2NEC3 | | SPOT \$/OZ | spot | nearby | determined | Futures | of trading |
| | | | (Bloomberg | price | month of | by the | US Softs | on the |
| | | | \ | 11 | | , . | ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ | |

| | | | code: XAG | | expiratio | Calculation | | Exchange |
|-------|------------------|-------------|---------------------------------------|----------|---|--|----------------|----------------------|
| | | | <crncy>)</crncy> | | n or (ii) | Agent, in the | | |
| | | | - ' | | the | period | | |
| | | | | | month of | commencing | | |
| | | | | | expiratio | on the | | |
| | | | | | n with | previous | | |
| | | | | | the | Rollover | | |
| | | | | | highest | Date (or in | | |
| | | | | | volumes, | the case of | | |
| | | | | | as | the first | | |
| | | | | | determine | | | |
| | | | | | | Date the | | |
| | | | | | d by the Calculati | | | |
| | | | | | 1 | Issue Date) | | |
| | | | | | on | and ending | | |
| | | | | | Agent. | not less than | | |
| | | | | | | 5 | | |
| | | | | | | Commodity | | |
| | | | | | | Business | | |
| | | | | | | Days prior to | | |
| | | | | | | the last | | |
| | | | | | | trading date | | |
| | | | | | | of the | | |
| | | | | | | relevant | | |
| | | | | | | Futures | | |
| | | | | | | Contract of | | |
| | | | | | | the | | |
| | | | | | | Commodity. | | |
| | | | | | | | | |
| 94271 | DE000N | Silver | SILVER | The | (i) First | A date, as | ICE | The close |
| 94271 | DE000N G2NED1 | Silver | SILVER SPOT \$/OZ | The spot | (i) First nearby | A date, as determined | ICE Futures | The close of trading |
| 94271 | DE000N G2NED1 | Silver | SPOT \$/OZ | spot | nearby | determined | Futures | of trading |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg | | nearby month of | determined by the | | of trading on the |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | nearby month of expiratio | determined by the Calculation | Futures | of trading |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg | spot | nearby month of expiratio n or (ii) | determined by the Calculation Agent, in the | Futures | of trading on the |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | nearby month of expiratio n or (ii) the | determined by the Calculation Agent, in the period | Futures | of trading on the |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | nearby month of expiratio n or (ii) the month of | determined by the Calculation Agent, in the period commencing | Futures | of trading on the |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | nearby month of expiratio n or (ii) the month of expiratio | determined by the Calculation Agent, in the period commencing on the | Futures | of trading on the |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | 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 | Futures | of trading on the |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | 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 | Futures | of trading on the |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | 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 | Futures | of trading on the |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, | determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of | Futures | of trading on the |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, 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 |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determine | 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 |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determine d 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 | Futures | of trading on the |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determine d 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) | Futures | of trading on the |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determine d 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 | Futures | of trading on the |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determine d 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 |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determine d 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 | Futures | of trading on the |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determine d 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 |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determine d 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 | Futures | of trading on the |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determine d 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 |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determine d 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 | Futures | of trading on the |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determine d 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 |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determine d 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 |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determine d 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 |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determine d 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 |
| 94271 | | Silver | SPOT \$/OZ (Bloomberg code: XAG | spot | nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determine d 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 |

| SILVER SPOT S/OZ The spot month of capital in the period month of capital in the period month of a seriod seriod in the case of the first determined and ending ending ending and ending and ending and ending endi | | | | <u> </u> | ī | | ., | i | 1 |
|--|--------|---------|--------------|------------------|-------|--------------|---------------|----------|----------|
| SILVER SPOT \$\(\text{SPOT} \) (Parents) Silver G2NEF9 Silver G2NEF6 SPOT \$\(\text{SPOT} \) (Parents) Silver G2NEF6 SPOT \$\(\text{SPOT} \) (Parents) Silver G2NEF6 SPOT \$\(\text{SPOT} \) (Parents) Silver G2NEF6 Silver G2NEF6 SPOT \$\(\text{SPOT} \) (Parents) Silver G2NEF6 Silver G2NEF6 SPOT \$\(\text{SPOT} \) (Parents) Silver G2NEF6 Silver G2NEF6 SPOT \$\(\text{SPOT} \) (Parents) S | | | | | | | | | |
| SPOT \$\text{SOZ} (Bloomberg rock XAG < \text{Crncy>}) | 0.40=0 | DE0001 | | arr | m.t | /D =1 | | 100 | mt t |
| GBloomberg code: XAG Calculation Nor (ii) Nor (iii) Nor | 94272 | | Silver | | | | | | |
| Silver SPOT 5/OZ (Rilcomberg code: XAG SPOT 5/OZ (Rilcomberg code: XAG SCrincy>) Silver SPOT 5/OZ (Rilcomberg code: XAG SPOT 5/OZ (Rilcomberg code: XAG SCrincy>) Silver SPOT 5/OZ (Rilcomberg code: XAG SPOT 5/OZ (Rilcomber | | G2NEE9 | | | _ | - | | | 1 |
| SCrncy>) n or (ii) he month of expiratio on with the he highest volumes, as DE000N Silver G2NEF6 SPOT \$\foOz (Bloomberg code: XAG <\cdress{Crncy>}) SILVER SPOT \$\foOz (Bloomberg code: XAG <\cdress{Crncy>}) Silver G2NEF6 SPOT \$\fooz (Bloomberg code: XAG <\cdress{Crncy>}) Silver G2NEF6 SPOT \$\fooz (Bloomberg code: XAG <\cdress{Crncy>}) Silver SILVER SPOT \$\fooz (Bloomberg code: XAG <\cdress{Crncy>}) Silver SILVER SPOT \$\fooz (Bloomberg code: XAG <\cdress{Crncy>}) Silver SILVER SPOT \$\fooz (Bloomberg code: XAG <\cdress{Crncy>}) Silver SPOT \$\fooz (Bloomberg code: X | | | | , - | price | | 1 * | US Softs | |
| Silver Silver Silver (Since) Silver (Sinc | | | | | | _ | | | Exchange |
| month of expiration on with the highest volumes, as as determined by the Calculation on Agent. SILVER SPOT \$\(\)CO(\(B\)loomberg code: XAG <\(\)Crmey>\) | | | | <crncy>)</crncy> | | | - | | |
| expiratio n the previous Rollover Date (or in volumes, is as as determine d by the Calculati on Agent. 94273 DE000N G2NEF6 SILVER SPOT S/OZ (Bloomberg code: XAG < Crmcy>) 94276 C2NEF6 SILVER SPOT S/OZ (Bloomberg code: XAG < Crmcy>) Potential of the case of the first determine d by the case of the first determine determine d by the case of the first determine d by the case of the first determine d by the case of the first determine determin | | | | | | | _ | | |
| n with the Mollover highest volumes, as determine d by the Calculati on and ending and ending and ending here relevant Futures Commodity. Silver SPOT S/OZ (Bloomberg code: XAG ≪Cmey>) SILVER SPOT s/OZ (Bloomberg to determine) and the period commencing on the spot the fighest volumes, as determine and the period commencing on the case of the first determine and the period commencing on the case of the first determine and the period commencing on the case of the first determine d by the case of the first determine d by the provious the Rollover highest volumes, as determine d by the Calculation on the previous the Rollover highest volumes, as and ending agent. Sometime the first determine and ending and | | | | | | | _ | | |
| the highest volumes, as as determine d by the Calculati on Agent. 94273 DE000N Silver SPOT S/OZ (Bloomberg code: XAG <crncy>) SILVER SPOT S/OZ (Bloomberg price odd: XAG <crncy>) SILVER SPOT S/OZ (Bloomberg todd: XAG todd: XAG <crncy>) SILVER SPOT S/OZ (Bloomberg todd: XAG todd:</crncy></crncy></crncy></crncy></crncy></crncy></crncy></crncy></crncy></crncy></crncy> | | | | | | _ | | | |
| highest volumes, as the first determine d by the Calculati on the last trading date of the relevant Futures Commodity. SILVER SPOT \$/OZ (Bloomberg code: XAG <-Crney>) | | | | | | n with | previous | | |
| Silver SPOT \$/OZ Gloomberg code: XAG Crney>) Silver G2NEF6 SPOT \$/OZ Gloomberg code: XAG Crney>) Silver G2NEF6 SPOT \$/OZ Gloomberg code: XAG Crney>) Silver Calculation Silver SPOT \$/OZ Crney>) Silver SILVER SPOT \$/OZ Gloomberg code: XAG Crney>) Silver SILVER SPOT \$/OZ Crney> Silver SPOT \$/OZ SPOT | | | | | | the | Rollover | | |
| as determine Rollover d by the Calculati on Agent. SILVER SPOT \$/OZ (Bloomberg code: XAG < <cre>Comes XAG <<cre>Comes XAG <<cree> SILVER SPOT \$/OZ (Bloomberg code: XAG <<cree> Comes Agent. SILVER SPOT \$/OZ (Bloomberg code: XAG <<cree> Comes Agent. The Commodity. Business Contract of the Commodity. The Commodity. Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. SILVER SPOT \$/OZ (Bloomberg code: XAG <<cree> Commodity. The Commodity. SILVER SPOT \$/OZ spot nearby month of expiratio n or (ii) the month of expiratio on the previous the highest volumes, as determine d by the Calculati on the case of the first determine d by the Calculati Subject on the Calculati Subject Subjec</cree></cree></cree></cree></cre></cre> | | | | | | highest | Date (or in | | |
| SILVER SPOT \$/OZ (Bloomberg code: XAG Cmey>) Silver Cmmodity Silver Cmmodity Silver Cmmodity Spot (month of expiration in with the Rollover highest volumes, as a she first determine d by the Calculation in with the first determine d by the Calculation in with the first determine d by the Calculation on the case of the first determine d by the Calculation on the case of the first determine d by the Calculation on the case of the first determine d by the Calculation on the case of the first determine d by the Calculation on the case of the first determine d by the Calculation on the case of the first determine d by the Calculation on the case of the first determine d by the Calculation on the case of the first determine d by the Calculation on the case of the first determine doubt the calculation on the case of the first determine doubt the first determine doubt the calculation on the case of the first determine doubt the calculation on the case of the first determine doubt the first determine determine doubt the first determined doubt the first determined have determined the first determined doubt the first determined have determined the first determi | | | | | | volumes, | the case of | | |
| SILVER SPOT \$\(SOTE \) SOTE SPOT \$\(SOTE \) SOTE \$\(SOTE \) SPOT \$\(SOTE \) SOTE \$\(SOTE \) SPOT \$\(SOTE \) SPOT \$\(SOTE \) SPOT \$\(SOTE \) SOTE \$\(SOTE \) SPOT \$\(SOTE \) SOTE \$\(SOTE \) SPOT \$\(SOTE \) SPOT \$\(SOTE \) SPOT \$\(SOTE \) SOTE \$\(SOTE \) SPOT \$\(SOTE \) SOTE \$\(SOTE \) SPOT \$\(SOTE \) SOTE \$\(SOTE | | | | | | as | the first | | |
| SILVER SPOT \$\(\) SOT S Commodity | | | | | | determine | Rollover | | |
| SILVER SPOT \$\(\) SOT S Commodity | | | | | | d by the | Date the | | |
| 94273 DE000N G2NEF6 SILVER SPOT \$/OZ (Bloomberg code: XAG < <cri>Crncy>) SILVER SPOT \$ (i) First nearby mot lead to of the relevant feutures contract feutures of trading on the feutures contract feutures contract feutures of trading on the feutures contract feutures contra</cri> | | | | | | Calculati | Issue Date) | | |
| Agent. not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. | | | | | | 1 | | | |
| 94273 DE000N G2NEF6 SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy>) SILVER SPOT \$/OZ (Bloomberg code: Trucy) Commodity. SILVER SPOT \$/OZ (Bloomberg code: Trucy) SILVER SPOT \$/OZ A date, as determined by the cexpiratio code commencing comme</crncy> | | | | | | Agent. | _ | | |
| SILVER The (i) First Commodity. | | | | | | | | | |
| Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. 94273 DE000N G2NEF6 SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy≥) \$\(="" (bloomberg="" (crncy≥)="" (ii)="" 5="" \)="" \text{i}="" agent,="" and="" as="" by="" calculation="" case="" close="" code:="" commencing="" commodity<="" d="" date="" date)="" determine="" ending="" expiratio="" first="" highest="" in="" issue="" less="" n="" nearby="" not="" of="" on="" or="" period="" previous="" revious="" rollover="" silver="" spot="" td="" than="" the="" trading="" volumes,="" with="" xag=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></crncy≥)> | | | | | | | | | |
| Days prior to the last trading date of the relevant Futures Contract of the Commodity. | | | | | | | | | |
| SILVER SPOT \$\(OZ\) Silver SPOT \$\(OZ\) Spot Spot Some SPOT \$\(OZ\) Spot | | | | | | | | | |
| SILVER The Commodity. | | | | | | | | | |
| 94273 DE000N G2NEF6 SILVER SPOT \$/OZ (Bloomberg code: XAG < <cri>Crncy>) SILVER SPOT \$/OZ (Bloomberg code: XAG determined month of expiratio n with previous the Rollover highest volumes, the case of as the first determine d by the Calculation on the special commencing on the previous the case of as the first determine d by the Calculation on the special commencing on the previous the case of as the first determine d by the Calculation on the previous the case of as the first determine d by the Calculation on the special commencing on the previous the case of as the first determine d by the Calculation on the special commencing on the</cri> | | | | | | | | | |
| 94273 DE000N G2NEF6 SILVER SPOT \$\(\)OZ spot (Bloomberg code: XAG <\(\)Crncy>\)) SILVER SPOT \$\(\)OZ spot (Bloomberg code: XAG \) \$\(\)Crncy>\) SILVER SPOT \$\(\)OZ spot (Bloomberg code: XAG \) \$\(\)Crncy>\) \$\(| | | | | | | _ | | |
| 94273 DE000N G2NEF6 SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy>) SILVER SPOT \$\text{orithmethod}{spot code: XAG} \text{orithmethod}{spot code: XAG} \tex</crncy> | | | | | | | | | |
| 94273 DE000N G2NEF6 SILVER SPOT \$/OZ (Bloomberg code: XAG < | | | | | | | | | |
| 94273 DE000N G2NEF6 SILVER SPOT \$/OZ (Bloomberg code: XAG < <cri>Crncy>) SILVER SPOT \$/OZ (Bloomberg code: XAG of the period commencing expiration nor (ii) the previous the highest volumes, as determine d by the Calculation on the Calculation nor the first determine d by the Calculation on the first determine d by the Calculation nor the first of the first determine d by the Calculation nor the first nor the first of the first nor the first nor the first nor the first of the first nor the f</cri> | | | | | | | | | |
| Silver S | | | | | | | | | |
| DE000N G2NEF6 Silver Silver SPOT \$/OZ (Bloomberg code: XAG Crncy>) SILVER SPOT \$/OZ (Bloomberg code: XAG Crncy>) Silver SPOT \$/OZ (Bloomberg code: XAG Crncy>) Silver SPOT \$/OZ (Bloomberg code: XAG Crncy>) Silver SPOT \$/OZ (Bloomberg code: XAG Crncy>) Silver SPOT \$/OZ (Bloomberg code: XAG Crncy>) Silver SPOT \$/OZ (Bloomberg code: XAG Crncy>) Silver SPOT \$/OZ (Bloomberg code: XAG Calculation n or (ii) Agent, in the period month of commencing expiratio on the n with previous the Rollover highest volumes, as the first determine d by the Calculation | | | | | | | | | |
| G2NEF6 SPOT \$/OZ (Bloomberg code: XAG spot mearby price wonth of expiratio on the the period month of expiratio on the n with previous the Rollover highest other wolumes, as determine d by the Calculation on the first determine d by the Calculation on the n with previous the Calculation on the n with previous the Calculation on the n with previous the Rollover highest Date (or in volumes, as determine d by the Calculati Issue Date) on and ending agent. SPOT \$/OZ (Bloomberg price month of expiratio on the period month of commencing expiratio on the n with previous the Rollover Date the Calculati Issue Date) on and ending not less than 5 Commodity Futures US Softs on the Exchange | 04272 | DEGGONI | G:1 | CHATED | TI. | (i) E:t | | ICE | Th1 |
| (Bloomberg code: XAG < Crncy>) Code: XAG Code: X | 942/3 | | Silver | | | ` ' | | | |
| code: XAG | | G2NEF6 | | | | - | | | |
| Crncy>) n or (ii) Agent, in the period commencing expiratio on the n with the Rollover highest volumes, as the first determine d by the Calculati on and ending Agent. Agent. in the period commencing on the previous the case of the first Rollover Date the Issue Date) on and ending not less than 5 Commodity | | | | | price | | | US Softs | |
| the month of expiratio on the n with previous the Rollover highest volumes, as the first Rollover d by the Calculati on and ending Agent. the period commencing on the previous the n with previous the Rollover highest volumes, as the first Rollover d by the Calculati Issue Date) on and ending Agent. | | | | | | _ | | | Exchange |
| month of expiratio on the n with previous the Rollover highest Date (or in volumes, the case of as the first determine d by the Date the Calculati on and ending Agent. Month of commencing expiration on the previous the case of the first determine and the case of the first case of the first determine had by the Date the Calculati on the case of the first determine and the first determine had by the Calculati on the case of the first determine and the first determine had been determined by the Calculati on the case of the first determine had been determined by the Calculati on the first determined by the fi | | | | <crncy>)</crncy> | | | - | | |
| expiratio on the n with previous the Rollover highest Date (or in the case of as the first determine d by the Calculati on and ending Agent. on the previous the Rollover Date (or in the case of the first determine and by the Calculati Issue Date) on and ending not less than 5 Commodity | | | | | | | | | |
| n with previous the Rollover highest Date (or in volumes, as the first determine d by the Calculati on and ending Agent. not less than 5 Commodity | | | | | | | _ | | |
| the Rollover highest Date (or in volumes, as the first determine d by the Calculati on and ending Agent. the Rollover Date (or in the case of the first Rollover Rol | | | | | | _ | | | |
| highest volumes, the case of as the first Rollover d by the Calculati on and ending Agent. highest volumes, the case of the first Rollover determine and the case of as the first Rollover determine and the first Rollover determine for the case of the first Rollover determine and the first Rollover determine and the first Rollover determine for the first Rollover determine and the first Rollover determine for the first Rollover determine for the first Rollover determine and the first Rollover determine for the first Rollove | | | | | | | | | |
| volumes, the case of the first determine d by the Date the Calculati Issue Date) on and ending Agent. not less than 5 Commodity | | | | | | | | | |
| as the first Rollover d by the Calculati on and ending Agent. Agent. Commodity | | | | | | | · · | | |
| determine d by the Date the Calculati Issue Date) on and ending Agent. not less than 5 Commodity | | | | | | volumes, | | | |
| d by the Calculati Issue Date) on and ending Agent. not less than 5 Commodity | | | | | | | | | |
| Calculati Issue Date) on and ending Agent. not less than 5 Commodity | | | | | | | | | |
| on and ending Agent. not less than 5 Commodity | | | | | | | | | |
| Agent. not less than 5 Commodity | | | | | | Calculati | | | |
| 5 Commodity | | | | | | on | _ | | |
| Commodity | | | | | | Agent. | not less than | | |
| | | | | | | | 5 | | |
| | | | | | | | Commodity | | |
| | | | | | | | Business | | |
| Days prior to | | | | | | | | | |
| | | | | | | | the last | | |

| | | | 1 | | | 1 | | |
|-------|----------|-----------|---------------------|--------------|-----------|---------------|----------|------------|
| | | | | | | trading date | | |
| | | | | | | of the | | |
| | | | | | | relevant | | |
| | | | | | | Futures | | |
| | | | | | | Contract of | | |
| | | | | | | the | | |
| | | | | | | Commodity. | | |
| 94274 | DE000N | WTI | Initially | The | (i) First | A date, as | ICE | The close |
|)42/4 | G2NEG4 | Crude Oil | Bloomberg | spot | nearby | determined | Futures | of trading |
| | UZNEU4 | Crude On | code: CLU9 | - | month of | | US Softs | on the |
| | | | | price | | by the | US Soils | |
| | | | <cmdty> and</cmdty> | | expiratio | Calculation | | Exchange |
| | | | after the first | | n or (ii) | Agent, in the | | |
| | | | Rollover Date | | the | period | | |
| | | | the Bloomberg | | month of | commencing | | |
| | | | page referring | | expiratio | on the | | |
| | | | to the relevant | | n with | previous | | |
| | | | Futures | | the | Rollover | | |
| | | | Contract. | | highest | Date (or in | | |
| | | | | | volumes, | the case of | | |
| | | | | | as | the first | | |
| | | | | | determine | Rollover | | |
| | | | | | d by the | Date the | | |
| | | | | | Calculati | Issue Date) | | |
| | | | | | | | | |
| | | | | | on | and ending | | |
| | | | | | Agent. | not less than | | |
| | | | | | | 5 | | |
| | | | | | | Commodity | | |
| | | | | | | Business | | |
| | | | | | | Days prior to | | |
| | | | | | | the last | | |
| | | | | | | trading date | | |
| | | | | | | of the | | |
| | | | | | | relevant | | |
| | | | | | | Futures | | |
| | | | | | | Contract of | | |
| | | | | | | the | | |
| | | | | | | Commodity. | | |
| 94275 | DE000N | WTI | Initially | The | (i) First | A date, as | ICE | The close |
| 77213 | G2NEH2 | Crude Oil | Bloomberg | spot | nearby | determined | Futures | of trading |
| | OZINEHIZ | Crude On | code: CLU9 | price | month of | by the | US Softs | on the |
| | | | | price | | 1 - | OS SOUS | |
| | | | <cmdty> and</cmdty> | | expiratio | Calculation | | Exchange |
| | | | after the first | | n or (ii) | Agent, in the | | |
| | | | Rollover Date | | the | period . | | |
| | | | the Bloomberg | | month of | commencing | | |
| | | | page referring | | expiratio | on the | | |
| | | | to the relevant | | n with | previous | | |
| | | | Futures | | the | Rollover | | |
| | | | Contract. | | highest | Date (or in | | |
| | | | | | volumes, | the case of | | |
| | | | | | as | the first | | |
| | | | | | determine | | | |
| | | | | | d by the | Date the | | |
| | | | | | Calculati | Issue Date) | | |
| | | | | | on | and ending | | |
| | | | | | | not less than | | |
| | L | | | | Agent. | not less than | <u> </u> | |

| | | | | | | 5 | | |
|-------|----------|-----------|---------------------|-------|-----------------------|--------------------------|----------|------------|
| | | | | | | Commodity | | |
| | | | | | | Business | | |
| | | | | | | Days prior to | | |
| | | | | | | the last | | |
| | | | | | | trading date | | |
| | | | | | | of the | | |
| | | | | | | relevant | | |
| | | | | | | Futures | | |
| | | | | | | Contract of | | |
| | | | | | | the | | |
| 94276 | DE000N | WTI | Initially | The | (i) First | Commodity. A date, as | ICE | The close |
|)4270 | G2NEJ8 | Crude Oil | Bloomberg | spot | nearby | determined | Futures | of trading |
| | GZITEJO | Crude on | code: CLU9 | price | month of | by the | US Softs | on the |
| | | | <cmdty> and</cmdty> | price | expiratio | Calculation | 05 50165 | Exchange |
| | | | after the first | | n or (ii) | Agent, in the | | 8 |
| | | | Rollover Date | | the | period | | |
| | | | the Bloomberg | | month of | commencing | | |
| | | | page referring | | expiratio | on the | | |
| | | | to the relevant | | n with | previous | | |
| | | | Futures | | the | Rollover | | |
| | | | Contract. | | highest | Date (or in | | |
| | | | | | volumes, | the case of | | |
| | | | | | as | the first | | |
| | | | | | determine | | | |
| | | | | | d by the Calculati | Date the | | |
| | | | | | on | Issue Date) and ending | | |
| | | | | | Agent. | not less than | | |
| | | | | | rigent. | 5 | | |
| | | | | | | Commodity | | |
| | | | | | | Business | | |
| | | | | | | Days prior to | | |
| | | | | | | the last | | |
| | | | | | | trading date | | |
| | | | | | | of the | | |
| | | | | | | relevant | | |
| | | | | | | Futures | | |
| | | | | | | Contract of | | |
| | | | | | | the Commodity. | | |
| 94277 | DE000N | WTI | Initially | The | (i) First | A date, as | ICE | The close |
| [, | G2NEK6 | Crude Oil | Bloomberg | spot | nearby | determined | Futures | of trading |
| | | | code: CLU9 | price | month of | by the | US Softs | on the |
| | | | <cmdty> and</cmdty> | - | expiratio | Calculation | | Exchange |
| | | | after the first | | n or (ii) | Agent, in the | | |
| | | | Rollover Date | | the | period | | |
| | | | the Bloomberg | | month of | commencing | | |
| | | | page referring | | expiratio | on the | | |
| | | | to the relevant | | n with | previous | | |
| | | | Futures | | the | Rollover | | |
| | | | Contract. | | highest | Date (or in the case of | | |
| | | | | | volumes, | the case of the first | | |
| | <u> </u> | | | | as | uic ilist | | |

| | | | | | | - | | |
|-------|------------------|--------------------|---|----------------|--|--|----------------------------|--------------------------------------|
| | | | | | determine d by the Calculati on Agent. | Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity. | | |
| 94278 | DE000N G2NEL4 | Brent Crude Oil | Initially Bloomberg code: COU9 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty> | The spot price | (i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, as determine d by the Calculati on Agent. | A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first | ICE Futures US Softs | The close of trading on the Exchange |
| 94279 | DE000N G2NEM2 | Brent Crude Oil | Initially Bloomberg code: COU9 <cmdty> and after the first Rollover Date the Bloomberg page referring</cmdty> | The spot price | (i) First 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 | ICE Futures US Softs | The close of trading on the Exchange |

| | | | to the relevant | | n with | previous | | |
|-------|----------|-----------|----------------------|---------------|--------------------|-------------------------|---------------------|-------------------|
| | | | Futures | | the | Rollover | | |
| | | | Contract. | | highest | Date (or in | | |
| | | | | | volumes, | the case of | | |
| | | | | | as | the first | | |
| | | | | | determine | Rollover | | |
| | | | | | d by the | Date the | | |
| | | | | | Calculati | Issue Date) | | |
| | | | | | on | and ending | | |
| | | | | | Agent. | not less than | | |
| | | | | | Tigont. | 5 | | |
| | | | | | | Commodity | | |
| | | | | | | Business | | |
| | | | | | | Days prior to | | |
| | | | | | | the last | | |
| | | | | | | trading date | | |
| | | | | | | of the | | |
| | | | | | | relevant | | |
| | | | | | | Futures | | |
| | | | | | | Contract of | | |
| | | | | | | the | | |
| | | | | | | Commodity. | | |
| 94280 | DE000N | Brent | Initially | The | (i) First | A date, as | ICE | The close |
| .200 | G2NEN0 | Crude Oil | Bloomberg | spot | nearby | determined | Futures | of trading |
| | 02112110 | | code: COU9 | price | month of | by the | US Softs | on the |
| | | | <cmdty> and</cmdty> | price | expiratio | Calculation | 00000 | Exchange |
| | | | after the first | | n or (ii) | Agent, in the | | Exchange |
| | | | Rollover Date | | the | period | | |
| | | | the Bloomberg | | month of | commencing | | |
| | | | page referring | | expiratio | on the | | |
| | | | to the relevant | | n with | previous | | |
| | | | Futures | | the | Rollover | | |
| | | | Contract. | | highest | | | |
| | | | Contract. | | volumes, | Date (or in the case of | | |
| | | | | | | | | |
| | | | | | as determine | the first | | |
| | | | | | | | | |
| | | | | | d by the | Date the | | |
| | | | | | Calculati | Issue Date) | | |
| | | | | | on | and ending | | |
| | | | | | Agent. | not less than | | |
| | | | | | | 5 | | |
| | | | | | | Commodity | | |
| | | | | | | Business | | |
| | | | | | | Days prior to | | |
| | | | | | | the last | | |
| | | | | | | trading date | | |
| | | | | | | of the | | |
| | | | | | | relevant | | |
| | | | | | | Futures | | |
| | | | | | | Contract of | | |
| | | | | | | the | | |
| | | | | | | Commodity. | | |
| 94281 | 1 | In . I | I T., 141 - 11- | CD1 | L(:) F:4 | A date, as | ICE | The close |
| | DE000N | Brent | Initially | The | (i) First | | | |
| | G2NEP5 | Crude Oil | Bloomberg code: COU9 | spot price | nearby month of | determined by the | Futures US Softs | of trading on the |

| | | | <cmdty> and</cmdty> | | expiratio | Calculation | | Exchange |
|-------|--------|-----------|--|-------|--|---|----------|-------------|
| | | | after the first | | n or (ii) | Agent, in the | | |
| | | | Rollover Date | | the | period | | |
| | | | the Bloomberg | | month of | commencing | | |
| | | | page referring | | expiratio | on the | | |
| | | | to the relevant | | n with | previous | | |
| | | | Futures | | the | Rollover | | |
| | | | | | | | | |
| | | | Contract. | | highest | Date (or in | | |
| | | | | | volumes, | the case of | | |
| | | | | | as | the first | | |
| | | | | | determine | | | |
| | | | | | d by the | Date the | | |
| | | | | | Calculati | Issue Date) | | |
| | | | | | on | and ending | | |
| | | | | | Agent. | not less than | | |
| | | | | | | 5 | | |
| | | | | | | Commodity | | |
| | | | | | | Business | | |
| | | | | | | Days prior to | | |
| | | | | | | the last | | |
| | | | | | | | | |
| | | | | | | trading date | | |
| | | | | | | of the | | |
| | | | | | | relevant | | |
| | | | | | | Futures | | |
| | | | | | | Contract of | | |
| | | | | | | the | | |
| | | | | | | Commodity. | | |
| 94282 | DE000N | Brent | Initially | The | (i) First | A date, as | ICE | The close |
| | G2NEQ3 | Crude Oil | Bloomberg | spot | nearby | determined | Futures | of trading |
| | | | code: COU9 | price | month of | by the | US Softs | on the |
| | | | <cmdty> and</cmdty> | P | expiratio | Calculation | | Exchange |
| | | | after the first | | n or (ii) | Agent, in the | | 2.101141180 |
| | | | Rollover Date | | the | period | | |
| | | 1 | Ronovei Date | | uic | HUCHUU | | |
| | | | the Bloomberg | | | | | |
| | | | the Bloomberg | | month of | commencing | | |
| | | | page referring | | month of expiratio | commencing on the | | |
| | | | page referring to the relevant | | month of expiration with | commencing on the previous | | |
| | | | page referring to the relevant Futures | | month of expiration with | commencing on the previous Rollover | | |
| | | | page referring to the relevant | | month of expiratio n with the highest | commencing on the previous Rollover Date (or in | | |
| | | | page referring to the relevant Futures | | month of expiration with | commencing on the previous Rollover Date (or in the case of | | |
| | | | page referring to the relevant Futures | | month of expiration with the highest volumes, as | commencing on the previous Rollover Date (or in the case of the first | | |
| | | | page referring to the relevant Futures | | month of expiration with the highest volumes, as determine | commencing on the previous Rollover Date (or in the case of the first Rollover | | |
| | | | page referring to the relevant Futures | | month of expiration with the highest volumes, as | commencing on the previous Rollover Date (or in the case of the first | | |
| | | | page referring to the relevant Futures | | month of expiration with the highest volumes, as determine | commencing on the previous Rollover Date (or in the case of the first Rollover | | |
| | | | page referring to the relevant Futures | | month of expiration with the highest volumes, as determined by the | commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) | | |
| | | | page referring to the relevant Futures | | month of expiration with the highest volumes, as determined by the Calculation | commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending | | |
| | | | page referring to the relevant Futures | | month of expiration with the highest volumes, as determined by the Calculati | commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than | | |
| | | | page referring to the relevant Futures | | month of expiration with the highest volumes, as determined by the Calculation | commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 | | |
| | | | page referring to the relevant Futures | | month of expiration with the highest volumes, as determined by the Calculation | 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 | | |
| | | | page referring to the relevant Futures | | month of expiration with the highest volumes, as determined by the Calculation | 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 | | |
| | | | page referring to the relevant Futures | | month of expiration with the highest volumes, as determined by the Calculation | 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 | | |
| | | | page referring to the relevant Futures | | month of expiration with the highest volumes, as determined by the Calculation | 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 | | |
| | | | page referring to the relevant Futures | | month of expiration with the highest volumes, as determined by the Calculation | 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 | | |
| | | | page referring to the relevant Futures | | month of expiration with the highest volumes, as determined by the Calculation | 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 | | |
| | | | page referring to the relevant Futures | | month of expiration with the highest volumes, as determined by the Calculation | 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 | | |
| | | | page referring to the relevant Futures | | month of expiration with the highest volumes, as determined by the Calculation | 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 | | |

| | | 1 | ı | 1 | 1 | | | |
|--------|----------|-----------|---------------------|---------------|-----------------------|-------------------------|----------|------------|
| | | | | | | the | | |
| 0.1265 | DESSE | | T 1.1 11 | TE! | (i) =: | Commodity. | LOE | TT1 1 |
| 94283 | DE000N | Brent | Initially | The | (i) First | A date, as | ICE | The close |
| | G2NER1 | Crude Oil | Bloomberg | spot | nearby | determined | Futures | of trading |
| | | | code: COU9 | price | month of | by the | US Softs | on the |
| | | | <cmdty> and</cmdty> | | expiratio | Calculation | | Exchange |
| | | | after the first | | n or (ii) | Agent, in the | | |
| | | | Rollover Date | | the | period . | | |
| | | | the Bloomberg | | month of | commencing | | |
| | | | page referring | | expiratio | on the | | |
| | | | to the relevant | | n with | previous | | |
| | | | Futures | | the | Rollover | | |
| | | | Contract. | | highest | Date (or in | | |
| | | | | | volumes, | the case of the first | | |
| | | | | | as determine | | | |
| | | | | | 1 | Date the | | |
| | | | | | d by the Calculati | | | |
| | | | | | | Issue Date) and ending | | |
| | | | | | on | not less than | | |
| | | | | | Agent. | 5 | | |
| | | | | | | Commodity | | |
| | | | | | | Business | | |
| | | | | | | | | |
| | | | | | | Days prior to the last | | |
| | | | | | | trading date | | |
| | | | | | | of the | | |
| | | | | | | relevant | | |
| | | | | | | Futures | | |
| | | | | | | Contract of | | |
| | | | | | | the | | |
| | | | | | | Commodity. | | |
| 94284 | DE000N | Brent | Initially | The | (i) First | A date, as | ICE | The close |
| 74204 | G2NES9 | Crude Oil | Bloomberg | | nearby | determined | Futures | of trading |
| | GZNES | Crude On | code: COU9 | spot price | month of | by the | US Softs | on the |
| | | | <cmdty> and</cmdty> | price | expiratio | Calculation Calculation | 05 5016 | Exchange |
| | | | after the first | | n or (ii) | Agent, in the | | Exchange |
| | | | Rollover Date | | the | period | | |
| | | | the Bloomberg | | month of | commencing | | |
| | | | page referring | | expiratio | on the | | |
| | | | to the relevant | | n with | previous | | |
| | | | Futures | | the | Rollover | | |
| | | | Contract. | | highest | Date (or in | | |
| | | | Contract. | | volumes, | the case of | | |
| | | | | | as | the first | | |
| | | | | | determine | | | |
| | | | | | d by the | Date the | | |
| | | | | | Calculati | Issue Date) | | |
| | | | | | on | and ending | | |
| | | | | | Agent. | not less than | | |
| | | | | | 50 | 5 | | |
| | | | | | | Commodity | | |
| | | | | | | Business | | |
| | | | | | | Days prior to | | |
| | | | | | | the last | | |
| | <u> </u> | I | <u> </u> | 1 | 1 | uic iast | ı | |

| | | | 1 | - | | | 1 | 1 |
|-------|---------|--------------|---------------------|----------|-----------|---------------|----------|------------|
| | | | | | | trading date | | |
| | | | | | | of the | | |
| | | | | | | relevant | | |
| | | | | | | Futures | | |
| | | | | | | Contract of | | |
| | | | | | | the | | |
| | | | | | | Commodity. | | |
| 94285 | DE000N | Brent | Initially | The | (i) First | A date, as | ICE | The close |
| 94283 | G2NET7 | Crude Oil | Bloomberg | | * / | determined | | |
| | GZNE1/ | Crude On | _ | spot | nearby | | Futures | of trading |
| | | | code: COU9 | price | month of | by the | US Softs | on the |
| | | | <cmdty> and</cmdty> | | expiratio | Calculation | | Exchange |
| | | | after the first | | n or (ii) | Agent, in the | | |
| | | | Rollover Date | | the | period | | |
| | | | the Bloomberg | | month of | commencing | | |
| | | | page referring | | expiratio | on the | | |
| | | | to the relevant | | n with | previous | | |
| | | | Futures | | the | Rollover | | |
| | | | Contract. | | highest | Date (or in | | |
| | | | | | volumes, | the case of | | |
| | | | | | as | the first | | |
| | | | | | determine | Rollover | | |
| | | | | | d by the | Date the | | |
| | | | | | Calculati | Issue Date) | | |
| | | | | | | | | |
| | | | | | on | and ending | | |
| | | | | | Agent. | not less than | | |
| | | | | | | 5 | | |
| | | | | | | Commodity | | |
| | | | | | | Business | | |
| | | | | | | Days prior to | | |
| | | | | | | the last | | |
| | | | | | | trading date | | |
| | | | | | | of the | | |
| | | | | | | relevant | | |
| | | | | | | Futures | | |
| | | | | | | Contract of | | |
| | | | | | | the | | |
| | | | | | | Commodity. | | |
| 94286 | DE000N | Platinum | PLATINUM | The | (i) First | A date, as | ICE | The close |
| 77200 | G2NEU5 | 1 Idilliulli | SPOT \$/OZ | spot | nearby | determined | Futures | of trading |
| | GZINEUS | | (Bloomberg | price | month of | by the | US Softs | on the |
| | | | | price | | • | OS SOUS | |
| | | | code: XPT | | expiratio | Calculation | | Exchange |
| | | | <crncy>)</crncy> | | n or (ii) | Agent, in the | | |
| | | | | | the | period . | | |
| | | | | | month of | commencing | | |
| | | | | | expiratio | on the | | |
| | | | | | n with | previous | | |
| | | | | | the | Rollover | | |
| | | | | | highest | Date (or in | | |
| | | | | | volumes, | the case of | | |
| | | | | | as | the first | | |
| | | | | | determine | | | |
| | | | | | d by the | Date the | | |
| | | | | | Calculati | Issue Date) | | |
| | | | | | on | and ending | | |
| | | | | | | not less than | | |
| | L | L | | <u> </u> | Agent. | not less than | <u> </u> | |

| | | | | | | | 5 | | |
|----|------------|---------------|--------------|----------|--------|----------|---------------|--|--|
| | | | | | | | Commodity | | |
| | | | | | | | Business | | |
| | | | | | | | Days prior to | | |
| | | | | | | | the last | | |
| | | | | | | | trading date | | |
| | | | | | | | of the | | |
| | | | | | | | relevant | | |
| | | | | | | | Futures | | |
| | | | | | | | Contract of | | |
| | | | | | | | the | | |
| | | | | | | | Commodity. | | |
| 28 | Fund Certi | ficate Provi | sions | | Not Ap | plicable | | | |
| 29 | Governmen | nt Bond Cer | tificate Pro | ovisions | Not Ap | plicable | | | |
| 30 | Index Futu | res Certifica | ate Provisio | ons | Not Ap | plicable | | | |
| | | | | | | | | | |

| Signed on behalf of the Issuer: |
|---------------------------------|
| |
| Ву: |
| Duly authorised |
| |
| Ву: |
| 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 |
|--|
|--|

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 on source of information. |
|---------------|---|
| 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> |

| 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> |
|-----------------|---|
| 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> |
| Platinum | The return on the Certificates is linked to the performance of the underlying Commodity. The price of the Commodity may go down as well as up throughout the life of the Certificates. Fluctuations in the price of the Commodity will affect the value of the Certificates. Information and details of the past and future performance of the Commodity and its volatility can be obtained from Bloomberg (Bloomberg code: XPT <crncy>)</crncy> |

5 POST-ISSUANCE INFORMATION

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

6 OPERATIONAL INFORMATION

| ISIN Code | (ii) Common Code | (iii) Other relevant code |
|--------------|------------------|---------------------------|
| DE000NG2ND94 | Not Applicable | NG2ND9 |
| DE000NG2NEA7 | Not Applicable | NG2NEA |
| DE000NG2NEB5 | Not Applicable | NG2NEB |
| DE000NG2NEC3 | Not Applicable | NG2NEC |
| DE000NG2NED1 | Not Applicable | NG2NED |
| DE000NG2NEE9 | Not Applicable | NG2NEE |
| DE000NG2NEF6 | Not Applicable | NG2NEF |
| DE000NG2NEG4 | Not Applicable | NG2NEG |
| DE000NG2NEH2 | Not Applicable | NG2NEH |
| DE000NG2NEJ8 | Not Applicable | NG2NEJ |
| DE000NG2NEK6 | Not Applicable | NG2NEK |
| DE000NG2NEL4 | Not Applicable | NG2NEL |
| DE000NG2NEM2 | Not Applicable | NG2NEM |
| DE000NG2NEN0 | Not Applicable | NG2NEN |
| DE000NG2NEP5 | Not Applicable | NG2NEP |
| DE000NG2NEQ3 | Not Applicable | NG2NEQ |
| DE000NG2NER1 | Not Applicable | NG2NER |

| DE000NG2NES9 | Not Applicable | NG2NES |
|--------------|----------------|--------|
| DE000NG2NET7 | Not Applicable | NG2NET |
| DE000NG2NEU5 | Not Applicable | NG2NEU |

| (iv) | Name of the Principal Certificate Agent | BNP Paribas Securities Services S.C.A. |
|------|---|--|

7 DISTRIBUTION

| (iv) | Details of any clearing system other than Euroclear | Clearstream Banking AG, Eschbom |
|-------|--|---|
| | Netherlands: | |
| | (a) details of the appropriate clearing code/number: | Not Applicable |
| | (b) further details regarding the form of Certificates | German 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 Directive in Germany (the " Public Offer Jurisdiction "). |
| (iii) | Prohibition of Sales to EEA Retail Investors: | Not Applicable |

8 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 WEBITE OF THE ISSUER WWW.INGMARKETS.DE