NOMURA

Index Rulebook for the Nomura Credit Momentum Index – 2 December 2019

SECTION A: INDEX METHODOLOGY

I. Overview

The Nomura Credit Momentum Index (the "Index") aims to extract value in the main Credit Default Swap markets, by positioning long, short or flat on four different CDS indices across Investment Grade and High Yield in both Europe and North America using trend following techniques.

The Index takes positions in the Nomura Credit Beta Indices ("Sub-Indices") which aim to reflect the total return of holding a long position in the On-the-run Series CDS (as defined below) of the respective Underlying CDS Index (as defined below). This is the position taken by a seller of CDS protection on the most recent series of the relevant Underlying CDS Index and then continuously "rolled" into the latest series of such Underlying CDS Index. For additional information on each of the underlying Sub-Indices, please see the Index Description for the Nomura Credit Beta Indices attached hereto (as may be amended and/or updated by the Index Sponsor from time to time).

The Nomura Credit Momentum Index, was developed, is administrated and calculated by Nomura International plc (the "Index Sponsor"). The Level of Index is published daily on Bloomberg. The Bloomberg ticker for the Index is NMCDMOMU Index.

Live calculation of the Index began on 17 June 2015 (the "Index Live Date"). Prior to the Live Date, the Index Sponsor reconstructed the Index using backtested data from 07 June 2005 (the "Index Base Date"). Some of the data used for back-testing the Index is different from the data used for live calculation of the Index. For further information please refer to the sections below: "Trading Charge(TC_t^i)" and "Liquid Day". As of the Index Base Date, the Index Level was 100. The Index Level is denominated in USD.

For further information please see the Index summary disclosures document for this Index, which is to be read in conjunction with this Index Rulebook (together, the "Index Description"). Any reference to the Index Description of the Index or the Nomura Credit Beta Indices shall be a reference to such Index Description as may be amended and/or updated from time to time.

II. Index Calculation

| Index S | Sponsor |
|---------|-------------|
| /Index | Calculation |
| Agent | |

Nomura International plc ("NIP"), who is responsible for the administration of the Index.

Sub-Index Sponsor

Nomura International plc ("NIP"), who is responsible for the administration of each Sub-Index.

Sub-Index

Each Sub-Index as described in the table Sub-Index Specifications Table 1 - Sub-Index Tickers;

Index Level (Index_t)

For any Index Business Day t, the Index Level is calculated according to the following formula:

$$Index_{t} = Index_{Reset} + \sum_{i=1}^{4} Return_{t}^{j} \times FX_{t}^{j}$$

Where:

- Index_l is the Index Level for Index Business Day t;
- Index_{Reset} is the Index Level as of the immediately preceding Index Reset Date;
- j refers to the respective Sub-Index;
- Return^t_t is the Sub-Index Return calculated in respect of the Index Business Day t and the relevant Sub-Index;
- FX¹_t is the exchange rate (quoted as the number of USD per 1 unit of Currency(j)) in respect of the Index Business Day t and the relevant Sub-Index, as defined in the table below (Sub-Index Specifications Table 2);

Sub-Index Return (Return^j)

The Sub-Index Return means a value determined, in respect of each Index Business Day t and the respective Sub-Index, according to the following formula:

If the Index Business Day immediately preceding the Index Business Day t (Previous Index Business Day t-1) falls on an Index Reset Date, then:

$$Return_{t}^{j} = Units_{t-1}^{j} \times (P_{t}^{j} - P_{t-1}^{j}) - TC_{t}^{j} - RC_{t}^{j}$$

Otherwise:

$$Return_{t}^{j} = Return_{t-1}^{j} + Units_{t-1}^{j} \times (P_{t}^{j} - P_{t-1}^{j}) - TC_{t}^{j} - RC_{t}^{j}$$

Where:

- Units^j_{t-1} is the Sub-Index Unit for the Index Business Day immediately preceding Index Business Day t;
- P_t^j is the value of the Sub-Index j for Index Business Day t, as published on Bloomberg under the relevant Bloomberg Ticker, as described in the table Sub-Index Specifications Table 1 – Sub-Index Tickers:
- P^j_{t-1} is the value of the Sub-Index j for the Index Business Day immediately preceding Index Business Day t;
- TC_t^j is the Trading Charge for Index Business Day t;
- RC^j_t is the Running Charge for Index Business Day t;
- Return^j, is the Sub-Index Return for the Previous Index Business Day t-1;

Sub-Index Unit (Unit_t)

The Sub-Index Unit means the number of Index units invested in the Sub-Index j in respect of each Index Business Day t and the respective Sub-Index, according to the following formula:

If Index Business Day t falls on an Index Reset Date or if Allocation $_{t=1}^{j}$ \neq Allocation $_{t=1}^{j}$, then

$$Units_{t}^{j} = \frac{Index_{Reset-1} \times StaticWeight^{j} \times Allocation_{t}^{j}}{100 \times FX_{t-1}^{j}}$$

Otherwise,

$$Units_{t}^{j} = Units_{t-1}^{j}$$

Where:

- Allocation, is the Sub-Index Actual Allocation for the Index Business Day t;
- Allocation^j_{t-1} is the Sub-Index Actual Allocation for the Index Business Day immediately preceding Index Business Day t;
- Index_{Reset-1} is the Index Level as of the Index Business Day prior to the immediately preceding Index Reset Date;
- StaticWeight^j is the static weight, as defined in the table Sub-Index Specifications Table 2 Weight and FX;
- FX_{t-1} is the exchange rate (quoted as the number of USD per 1 unit of Currency(j)) in respect of the Index Business Day immediately preceding Index Business Day t and the relevant Sub-Index, as defined in the table below (*Sub-Index Specifications Table 2*);

Sub-Index Actual Allocation (Allocation^j)

The Sub-Index Actual Allocation means a value determined, in respect of each Index Business Day t and the respective Sub-Index, according to the following formula:

[formula to measure Sub-Index Actual Allocation]

Sub-Index Threshold

The Sub-Index Threshold Allocation means a value determined, in respect of each Index Business Day t and

Allocation (θ_t^j)

the respective Sub-Index, according to the following formula:

[formula to measure Sub-Index Threshold Allocation]

Sub-Index Target Allocation (ω,)

The Sub-Index Target Allocation means a value determined, in respect of each Index Business Day t and the respective Sub-Index, according to the following formula:

[formula to measure Sub-Index Target Allocation]

Signal (Signal,)

The Signal means a value determined, in respect of each Index Business Day t and the respective Sub-Index, according to the following formula:

[formula to measure Signal]

| Window | Length (n) |
|-----------------|------------|
| ST (Short Term) | Day Count |
| MT (Mid Term) | Day Count |
| LT (Long Term) | Day Count |

Volatility Scale (Vol Scale^j)

The Volatility Scale means a value determined, in respect of each Index Business Day t and the respective Sub-Index, according to the following formula:

[formula to measure Volatility Scale]

Trading Charge (TC_t^j)

For any Index Business Day t, if ONTR Underlying Contract^j is the **same** On-the-run Series CDS as ONTR Underlying Contract^j, i.e. if there is no roll on Index Business Day t, then

$$\mathsf{TC}_t^j = \left| \left(\mathsf{Units}_t^j \right) - \left(\mathsf{Units}_{t-1}^j \right) \right| \ \, \times 100 \times \mathsf{TradingCharge}_{t,t}^j \ \, \times \; \mathsf{Duration}_{t,t}^j$$

For any Index Business Day t, if ONTR Underlying Contract $_t^j$ is a **different** On-the-run Series CDS to the ONTR Underlying Contract $_{t-1}^j$, i.e. if there is a roll on Index Business Day t, then

$$TC_{t}^{j} = \left| \mathsf{Units}_{t}^{j} \right| \times 100 \times \mathsf{Duration}_{t,t}^{j} \times \mathsf{TradingCharge}_{t,t}^{j} + \left| \mathsf{Units}_{t-1}^{j} \right| \times 100 \times \mathsf{Duration}_{t,t-1}^{j} \times \mathsf{TradingCharge}_{t,t-1}^{j}$$

Where:

- ONTR Underlying Contract^j_s is the On-the-run Series CDS contract on which the respective Nomura Credit Beta Index is invested on Index Business Day s. For the avoidance of doubt, the ONTR Underlying Contract^j_s is rolled twice a year, usually in June and September, on CDS Roll Dates;
- Duration of t,s is the duration, rounded to 2 decimal places, for Index Business Day t of
 ONTR Underlying Contract with respect to the CDS Price, calculated using the ISDA CDS Standard
 Model, the relevant ISDA Par Swap Curve, the relevant Fixed Coupon Rate and the relevant CDS
 Recovery Rate;

In respect of the Underlying CDS Index NA HY only, for Index Business Days up but excluding 21 April 2006,

TradingCharge
$$_{ts}^{j}$$
 = TradingCharge $_{ts}^{j}$ and Duration $_{ts}^{j}$ =[Duration]

Otherwise (in respect of the Underlying CDS Index NA HY, for Index Business Days from and including 21 April 2006, and for the Underlying CDS Indices NA IG, EU IG and EU HY):

o If Index Business Day t is a Liquid Day,

$$\mathsf{TradingCharge}_{t,s}^j = \mathsf{MAX} \left(\frac{1}{2} \times \frac{\mathsf{Spread}_{t,s}^j}{\mathsf{1,000,000}} \right. , \mathsf{TradingCharge}^j \right)$$

o If Index Business Day t is not a Liquid Day,

$$\label{eq:charge} \text{TradingCharge}_{t,s}^{j} = 2 \times \text{MAX} \left(\frac{1}{2} \times \frac{\text{Spread}_{t,s}^{j}}{1,000,000}, \, \text{TradingCharge}^{j} \right)$$

- Where
 - Spread^j_{t,s} is the[Spread], rounded to 4 decimal places, for Index Business Day t of ONTR Underlying Contract^j;
 - TradingCharge^j is defined in the table Sub-Index Specifications Table 3 Charges;

A Liquid Day is determined in respect of each Index Business Day t and the respective Underlying Contract, according to the following formula:

If LiquidityFactor, < LiquidityThreshold, then Index Business Day t is a Liquid Day;

Otherwise, Index Business Day t is not a Liquid Day.

Where:

- Underlying Contract, is the relevant CDS contract, i.e. either the On-the-run Series CDS contract or the Off the run CDS Contract in which the respective Nomura Credit Beta Index is invested on Index Business Day t;
- LiquidityThreshold¹ is defined in the table Sub-Index Specifications Table 3 Charges;
- LiquidityFactor, is the indicator used to determine liquidity on Index Business Day t as defined below:
 - For Index Business Days up but excluding 20 October 2014,

$$\label{eq:liquidityFactor} \text{LiquidityFactor}_t^j = \alpha \times \left| \text{SpreadLast}_{t,t,1}^j - \text{SpreadLast}_{t,t,t-1}^j \right| \\ + (1-\alpha) \times \text{LiquidityFactor}_{t,t-1}^j$$

Where:

- ✓ SpreadLast^j_{t,s} is the[Spread], rounded to 4 decimal places, for Index Business Day t of ONTR Underlying Contract^j_e;
- $\checkmark \quad \mathsf{LiquidityFactor}_{20-0\mathsf{ct}-2014}^{\mathsf{j}} = \big| \, \mathsf{SpreadHigh}_{20-0\mathsf{ct}-2014}^{\mathsf{j}} \mathsf{SpreadLow}_{20-0\mathsf{ct}-2014}^{\mathsf{j}} \big|$
- For Index Business Days from and including 20 October 2014,
 - If ONTR Underlying Contract^j is a different On-the-run Series CDS to the ONTR Underlying Contract^j, i.e. if there is a roll on Index Business Day t, then there is a Liquidity Factor for the On-the-run Series CDS and a Liquidity Factor for the Off-the-run Series CDS as the Index will buy the first and sell the second:

In respect of the On-the-run Series CDS Contract,

LiquidityFactor | [LiquidityFactor]
In respect of the Off-the-run Series CDS Contract,

$$\begin{aligned} \text{LiquidityFactor}_t^j &= \alpha \times [\text{Spread}] \\ &+ (1 - \alpha) \times \text{LiquidityFactor}_{t^-}^j \end{aligned}$$

Liquid Day

If Underlying Contract^j_t is the same On-the-run Series CDS as Underlying Contract^j_{t-1}, i.e. if there is no roll on Index Business Day t, then there is only one Liquidity Factor for the On-the-run Series CDS:

$$\begin{aligned} \text{LiquidityFactor}_t^j &= \alpha \times [\text{Spread}] \\ &+ (1 - \alpha \) \times \text{LiquidityFactor}_{t-1}^j \end{aligned}$$

With:

$$\checkmark$$
 $\alpha = \frac{2}{N+1}$ where N=5

- ✓ SpreadHigh^j_t is [Spread];
- ✓ SpreadLow, is [Spread];
- ✓ SpreadLastⁱ_{t-1} is [Spread];

Running Charge (RC_t^j)

For any Index Business Day t,

$$RC_{t}^{j} = RunningCharge^{j} \times dcf_{t-1,t} \times 100 \times \left| Units_{t-1}^{j} \right|$$

Where:

- RunningCharge^j is defined in the table *Sub-Index Specifications Table 3 Charges*;
- dcf_{t-1,t} is the day count fraction from, and including, the Index Business Day immediately preceding Index Business day t, to, but excluding, Index Business day t.

| Underlying CDS Index | Sub-Index j | Bloomberg Ticker | CCY |
|-------------------------|---|------------------|-----|
| EU IG | Nomura Europe Main 5Y Unfunded Non-Compounding Credit Index | NMCB1EMA Index | EUR |
| EU HY | Nomura Europe Crossover 5Y Unfunded Non-Compounding Credit Index | NMCB1EXO Index | EUR |
| NA IG | Nomura North America Investment Grade 5Y Unfunded Non-Compounding Credit Index | NMCB1UIG Index | USD |
| NA HY | Nomura North America High Yield 5Y Unfunded Non-Compounding Credit Index | NMCB1UHY Index | USD |

Sub-Index Specifications Table 1 – Sub-Index Tickers

| Underlying CDS Index | Target Vol ^j | VolScaleCap ^j | MinDailyChange ^j | MaxDailyChange ^j | Static Weight ^j | FX ^j |
|-------------------------|-------------------------|--------------------------|-----------------------------|-----------------------------|----------------------------|-----------------|
| EU IG | Target Vol | VolScaleCap | MinDailyChange | MaxDailyChange | Static Weight | FX |
| EU HY | Target Vol | VolScaleCap | MinDailyChange | MaxDailyChange | Static Weight | FX |
| NA IG | Target Vol | VolScaleCap | MinDailyChange | MaxDailyChange | Static Weight | FX |
| NA HY | Target Vol | VolScaleCap | MinDailyChange | MaxDailyChange | Static Weight | FX |

Sub-Index Specifications Table 2 – Weight and FX

| Underlying CDS Index | LiquidityThreshold ^j | TradingCharge ^j | RunningCharge ^j |
|-------------------------|---------------------------------|----------------------------|----------------------------|
| EU IG | LiquidityThreshold | TradingCharge | RunningCharge |
| EU HY | LiquidityThreshold | TradingCharge | RunningCharge |
| NA IG | LiquidityThreshold | TradingCharge | RunningCharge |
| NA HY | LiquidityThreshold | TradingCharge | RunningCharge |

Sub-Index Specifications Table 3 - Charges

| Definitions | Auction | Has the meaning given in the Index Description for the Nomura Credit Beta Indices; |
|-------------|-----------------------------------|--|
| | Buyer | Has the meaning given in the Index Description for the Nomura Credit Beta Indices; |
| | CDS Maturity | Has the meaning given in the Index Description for the Nomura Credit Beta Indices; |
| | CDS Quotation | Has the meaning given in the Index Description for the Nomura Credit Beta Indices; |
| | CDS Quotation-Snap Times | Means the times specified in the Index Description for the Nomura Credit Beta Indices; |
| | CDS Recovery Rate | Has the meaning given in the Index Description for the Nomura Credit Beta Indices; |
| | CDS Roll Date | Has the meaning given in the Index Description for the Nomura Credit Beta Indices; |
| | Credit Spread Last | [description of Credit Spread Last] |
| | Credit Spread High | [description of Credit Spread High] |
| | Credit Spread Low | [description of Credit Spread Low] |
| | dcf_t | Day count fraction between t-1 and t based on the Act/360 convention; |
| | Effective Date | Has the meaning given in the Index Description for the Nomura Credit Beta Indices; |
| | EURUSD Spot Rate | Means the exchange rate (quoted as the number of USD per 1 unit of EUR) as determined by the Index Calculation Agent with reference to the relevant price source (as set out below): |
| | | [description of Price Level used] |
| | Fixed Coupon Rate | Has the meaning given in the Index Description for the Nomura Credit Beta Indices; |
| | Fixed Coupon Rate Payment Date | Has the meaning given in the Index Description for the Nomura Credit Beta Indices; |
| | Index Annex | Means, in respect of each Relevant CDS, the relevant index annex published on Markit's website www.markit.com (or any successor thereto); |
| | Index Business Day | A day which is a London Business Day, a New York Business Day and a Target Settlement Day and which is not a 24 th of December or a 31 st of December; |
| | Index Reset Date | Means Tuesday of each week, adjusted to the following Index Business Day if such Tuesday is not an Index Business Day; |
| | Index Trading Business Day | A day which is a London Business Day, a New York Business Day and a Target Settlement Day and which is not a 24th of December or a 31st of December; |
| | ISDA | Means the International Swaps and Derivatives Association, Inc; |
| | ISDA CDS Standard Model | Has the meaning given in the Index Description for the Nomura Credit Beta Indices; |
| | ISDA Definitions | Has the meaning given in the Index Description for the Nomura Credit Beta Indices; |

Has the meaning given in the Index Description for the Nomura Credit Beta ISDA Par Swap Curve Indices; London Business Day A day (other than a Saturday or Sunday) on which commercial banks are open for general business in London. Markit Has the meaning given in the Index Description for the Nomura Credit Beta Indices: New York Business A day (other than a Saturday or Sunday) on which commercial banks are open Day for general business in New York. Means any of the relevant Nomura Europe Main 5Y Unfunded Non-Compounding Nomura Credit Beta Credit Index, Nomura Europe Crossover 5Y Unfunded Non-Compounding Credit Index Index, Nomura North America Investment Grade 5Y Unfunded Non-Compounding Credit Index and Nomura North America High Yield 5Y Unfunded Non-Compounding Credit Index; Off-the-run Series CDS Has the meaning given in the Index Description for the Nomura Credit Beta Indices: On-the-run Series CDS Has the meaning given in the Index Description for the Nomura Credit Beta Indices: Relevant CDS Has the meaning given in the Index Description for the Nomura Credit Beta Indices: Replacement Has the meaning given in the Index Description for the Nomura Credit Beta Underlying Index Indices: Has the meaning given in the Index Description for the Nomura Credit Beta Seller Indices; Means any day on which TARGET2 (the Trans-European Automated Real-time Target Settlement Day Gross settlement Express Transfer system) is open. **Underlying CDS** [description of Underlying CDS Spread] Spread

II. Index disruption events

Index Disruption Provisions

Index Disruption Event

Any of a (i) Signal Disruption Event, (ii) Market Disruption Event, (iii) M(M)R Restructuring Event, (iv) No Auction Disruption Event, (v) Price Source Disruption Event, (vi) Price Materiality Event, (vii) Intervening Circumstances or (viii) an Index Frustration Event.

Price Source Disruption Event

In the event that any Price Source fails or has failed to publish or announce any relevant price, level, spread, rate or other data necessary for the determination of the Index or any Sub-Index on any day, the Index Calculation Agent shall determine such data in its sole discretion and acting in a commercially reasonable manner taking into account the relevant Price Source Disruption Event, latest available quotations and any other information the Index Calculation Agent deems relevant in its discretion.

Price Source means in respect of the Index or a Sub-Index, the publication, page (or any other origin of reference, including an exchange) containing (or reporting) the prices, levels, spreads, rates or other data utilised by the Index Sponsor for the Index or such relevant Sub-Index. References to Price Source shall be construed as referring also to any successor publication, page or source on which the relevant prices, levels, rates or other data for the Index or a Sub-Index may be disseminated, as determined by the Index Sponsor in its sole discretion and acting in a commercially reasonable manner.

Price Materiality Event

If on any day, the level published on any price source in relation to any price, level, spread, rate or other variable necessary to determine the Index, in the sole determination of the Index Calculation Agent, is significantly different to the level of such variable prevailing in the market, such variable shall instead be determined by the Index Sponsor by using alternative price sources it deems reliable or in the absence of such, acting in a commercially reasonable manner with a view to achieving the objective of the Index and

taking into account the prevailing market level and any other factors it deems relevant (having regard to the standard of input data quality for the Index as determined by the Index Sponsor during the design of the Index, as set out in Appendix 2, Section 6 of the Control Framework Summary ("Data Sufficiency and Hierarchy of Input Data"))=.

Signal Disruption Event

A Signal Disruption Event shall have occurred if the Index Calculation Agent determines, in a commercially reasonable manner (taking into account various factors including but not limited to prevailing market conditions and firm and/or indicative quotations communicated in the inter-dealer or broker market in respect of the Relevant CDS, including the circumstance whereby the Index Calculation Agent is unable to obtain or receive any such quotations), on any Index Business Day that it is unable to calculate the Signal for the relevant Sub-Index.

Upon the occurrence of a Signal Disruption Event and while that Signal Disruption Event is continuing, the Index Calculation Agent will calculate the Index Level by using in respect of the affected Sub-Index the Signal last calculated prior to the occurrence of the Signal Disruption Event. Should the Signal Disruption Event persists for 10 consecutive Index Business Days after its first occurrence, then the Index Sponsor will refrain from calculating and publishing an Index Level and will calculate the Index Level on the first Index Business Day where there is no Signal Disruption Event.

Market Disruption Event

Upon the occurrence of a Market Disruption Event in respect of the relevant Underlying CDS Index of a Sub-Index (as specified in the Index Description for the Nomura Credit Beta Indices, as may be amended and/or updated by the Sub-Index Sponsor from time to time) the Index Calculation Agent will refrain from publishing a new Index Level and will calculate the Index Level on the first Index Business Day where there is no Market Disruption Event.

M(M)R Restructuring Event

If a M(M)R Restructuring Event occurs in respect of one or more of the Nomura Credit Beta Indices, the index calculation agent for the Nomura Credit Beta Indices will calculate the Close-Out Amount in respect of the relevant Reference Entity(ies) as defined in the Index Description for the Nomura Credit Beta Indices (as may be amended and/or updated by the Sub-Index Sponsor from time to time). A charge (the "Close-Out Charge (CAC_t^j)", as defined below) resulting from this settlement has to be deducted with respect to each Dealer Poll from the Index Level following such M(M)R Restructuring Event. This charge will be calculated for any Reference Entities in respect of which a M(M)R Restructuring Event has occurred.

For any Index Business Day t on which a Dealer Poll occurs, the Close-Out Charge CAC_t^l will be computed as:

[formula to Measure M(M)R Restructuring Events]

No Auction Disruption Event

If a No Auction Disruption Event occurs in respect of one or more of the Nomura Credit Beta Indices, the index calculation agent for the Nomura Credit Beta Indices will calculate the default loss in respect of the relevant Reference Entity(ies) as defined in the Index Description for the Nomura Credit Beta Indices (as may be amended and/or updated by the Sub-Index Sponsor from time to time). A charge (the "Settlement Charge (SC_{i}^{j})", as defined below) resulting from this settlement has to be deducted from the Index Level following such No Auction Disruption Event. This charge will be calculated for any Reference Entities in respect of which a No Auction Disruption Event has occurred.

For any Index Business Day t which is a Valuation Date, the Settlement Charge SC_t^j will be computed as: [formula to Measure No Auction Disruption Event]

Intervening Circumstances

Intervening Circumstances exist or occur where the Index Sponsor determines that a systems failure, natural or man-made disaster, act of God, armed conflict, act of terrorism, riot or labour disruption or any similar intervening circumstances beyond its reasonable control exists, has occurred or is occurring in respect of an Index Component or the Index, and which prevents, disrupts, or impairs the ability of the Index to achieve its economic objective, the prompt or accurate determination of the Level of the Index, and/or the ability of the Index Sponsor or Index Calculation Agent to perform its role in respect of the Index.

Index Frustration Event

An Index Frustration Event means any event or circumstance other than a Signal Disruption Event, Market Disruption Event, M(M)R Restructuring Event, No Auction Disruption Event, Price Source Disruption Event, Price Materiality Event, or Intervening Circumstances, that in the opinion of the Index Sponsor, prevents, disrupts or impairs the ability of the Index to achieve its economic objective or the prompt or accurate determination of the level of the Index, or any other event or circumstance which causes the Index Sponsor to reasonably conclude that as a consequence of such event or circumstance, if the level of the Index were to be determined, it should not be relied upon to represent the market or economic reality that the Index is intended to measure.

Consequences of

Upon the occurrence of Intervening Circumstances and/or an Index Frustration Event, the Index Sponsor

Intervening Circumstances and Index Frustration Event

may:

- (i) determine the level of any affected Index Component for such day, acting in a commercially reasonable manner, taking into account the relevant Intervening Circumstances and/or Index Frustration Event (as applicable), latest available quotations and any other information the Index Sponsor deems relevant in its discretion, having regard to the standard of input data quality for the Index as determined by the Index Sponsor during the design of the Index, as set out in Appendix 2, Section 6 of the Control Framework Summary ("Data Sufficiency and Hierarchy of Data Inputs");
- (ii) delay or postpone the rebalancing and/or calculation of any affected Index Component to a day not later than the Disruption Cut-off Date, notwithstanding that such day may be subject to an Index Disruption Event and in which case the Index Sponsor will determine the level of such affected Index Component in a commercially reasonable manner as per the process in (i) above; and/or
- (iii) not calculate and publish the Index level for such day or delay the publication.

"Disruption Cut-off Date" means the 5th Index Business Day from and including the original day.

Index Modification Provisions

Index Modification

Upon the occurrence of an Index Modification Event, the Index Sponsor may:

- where the Index Modification Event is a **Permanent Disruption Event**, remove the affected Sub-Index and make any other adjustments to the Index to account for the price or value of the affected Sub-Index;
- ii. where the Index Modification Event is a **Replacement Underlying Index Event**, adjust the Trading Charge and Running Charge, the Liquidity Threshold, Static Weight and/or Target Vol in respect of the Replacement Underlying Index; and/or
- iii. where the Index Modification Event is a **Sub-Index Replacement Failure** remove the cancelled Sub-Index and make any other adjustments to the Index to account for the price or value of the cancelled Sub-Index;
- iv. make such adjustment(s) to the Index as it deems appropriate, to account for any affect such event has on the Index (such as, but not limited to, the input data and/or price source used to determine the Index, and/or related charges, fees or taxes).

The Index Sponsor may modify the Index in accordance Appendix 2, Section 15 of the Control Framework Summary ("Changes to Methodology").

Index Modification Event

Means (i) an Input Data Decline Event, (ii) Replacement Underlying Index Event, (iii) Sub-Index Replacement Failure and/or (iv) Permanent Index Disruption Event.

Input Data Decline Event means if the Index Sponsor determines that the input data and/or price source relation to an Index Component used to calculate the Index is no longer sufficient to represent accurately and reliably the market and economic reality that the Index is intended to measure, or that any input data and/or price source in relation to an Index Instrument used to calculate the Index and/or Index Component no longer meets the standard of input data quality for the Index and/or Index Component as determined by the Index Sponsor during the design of the Index and/or Index Component, as set out in): Appendix 2, Section 6 of the Control Framework Summary ("Data Sufficiency and Hierarchy of Input Data").

Replacement Underlying Index Event means the replacement of an Underlying CDS Index with a respective Replacement Underlying Index following a Market Disruption Event in respect of a Sub-Index.

Permanent Index Disruption Event means that the Index Calculation Agent determines pursuant to the terms above that (a) a Signal Disruption Event has persisted for 60 consecutive Index Business Days after its occurrence or (b) following a Market Disruption Event, a Replacement Underlying Index is sought by the Index Calculation Agent but remains unavailable after 60 consecutive Index Business Days from the date the Replacement Underlying Index.

Sub-Index Replacement Failure means upon a Sub-Index Cancellation following a period of fifteen (15) Index Business Days measured from the first day of such Sub-Index Cancellation, at the end of such period of time there is no Successor Sub-Index.

Index Component means, in respect of the Index or any Sub-Index, each underlying component index, futures contract, currency, rate, variable or other component necessary in order to determine a level of the Index or Sub-Index (as applicable), in each case, in line with the then existing methodology of the Index or Sub-Index (as applicable).

Index Cancellation

Provisions

Index Cancellation Event

If one of the following events occurs the Index will be cancelled:

- (i) Increased Cost of Index Implementation
- (ii) Change in Law
- (iii) Termination of Licensing
- (iv) Critical Sub-Index Removal Event

The Index Calculation Agent may also permanently cancel and discontinue calculating and publishing the Index, in accordance with Appendix 2, Section 17 of the Control Framework Summary (as defined below).

Increased Cost of Index Implementation

The arising of circumstances whereby, the Index Calculation Agent would incur a materially increased amount of tax, duty, expense, cost, fee and any transaction costs (howsoever described) to acquire, establish, re-establish, substitute, maintain, unwind or dispose of any positions it deems necessary to implement the Index.

Change in Law

The arising of circumstances whereby (A) due to the adoption of or any change in any applicable law or regulation (including, without limitation, any tax law), or (B) due to the promulgation of or any change in the interpretation by any court, tribunal or regulatory authority with competent jurisdiction of any applicable law or regulation (including any action taken by a taxing authority), the Index Calculation Agent determines in its sole and absolute discretion that (X) it has or may become illegal to or would result in a breach of applicable regulation to (a) acquire, establish, re-establish, substitute, maintain, unwind or dispose of any positions it deems necessary to implement the Index (b) maintain or sponsor the Index or (c) make determinations in respect of the Index (b) or (Y) it will incur a materially increased cost in relation to positions it deems necessary in order to implement the Index (including, without limitation, as a result of any increase in tax liability, decrease in tax benefit or other adverse effect on its tax position).

Termination of Licensing

The revocation or termination of the license agreement (for any reason) between Markit Indices Limited and the Index Sponsor for the use of the iTraxx® Underlying in connection with the Nomura Credit Momentum Index.

Critical Sub-Index Removal Event

Means that upon an Index Modification Event, a Sub-Index would have to be removed which would result in more than two Sub-Indices having been removed from the Index since Index inception.

Consequences of a Sub-Index Cancellation

If upon the occurrence of a Sub-Index Cancellation there is a Successor Sub-Index then such Successor Sub-Index shall be deemed to be the relevant Sub-Index and the Index Sponsor may make such adjustment(s) to the Index methodology that it determines appropriate, to account in order to account for the effect of the replacement of that Sub-Index with the Successor Sub-Index.

Sub-Index Cancellation means, that a Sub-Index is permanently cancelled or the relevant Sub-Index Sponsor announces (including through an agent, if applicable) its intention to permanently cancel a Sub-Index or its intention to cease to calculate and announce a level for a Sub-Index.

Successor Sub-Index means a successor or replacement index using, in the determination of the Index Sponsor, the same or a substantially similar formula for and method of calculation as used in the calculation of the relevant Sub-Index or, if none, a replacement with the same or similar investment objective as the Sub-Index.

Index Adjustment Provisions

Index Adjustment

If, due to the occurrence of an error (i) in relation to the calculation or publication of the level of the Index, or (ii) in the method for determining the Index, the Index Sponsor has determined on any day (an "Adjustment Determination Date") that an adjustment to the Index is necessary in order to correct such error (an "Index Adjustment"), then the Index Sponsor will make such corresponding adjustments to the Index as it deems necessary, if any, in order to reflect the Index Adjustment (in each case in accordance with the principles and methodology of the Index).

The Index Sponsor may correct errors in accordance with Appendix 2, Section 13 of the Control Framework Summary ("Correction of Errors") and Appendix 2, Section 15 ("Changes to Methodology") where remediation requires change to the Index methodology.

Consequences of a Sub-Index Adjustment

If in a relation to a Sub-Index, at any time the Index Sponsor becomes aware that the Index Sponsor of the relevant Sub-Index corrects the level or value of such Sub-Index subsequent to publication, the Index Sponsor will make all calculations and determinations in respect of the Index by reference to such corrected level of the Sub-Index.

Disclaimer

The Index Sponsor and its affiliates make no representation whatsoever, whether express or implied, either as to the results to be obtained from the use of an Index and/or the levels at which the relevant Index stands at a particular time on any particular date or otherwise. The Index Sponsor and its affiliates shall not be liable (whether in contract, tort or otherwise) to any person for any error in such Index.

The Index Sponsor and its affiliates make no representation whatsoever, whether express or implied, as to the advisability of purchasing or assuming any risk in connection with entering into any transactions or products which are linked to or deriving a value from an Index.

Neither the Index Sponsor nor its affiliates shall have any liability for any act or failure to act by the Index Sponsor in connection with the calculation, adjustment or maintenance of an Index. Although the Index Sponsor will obtain information concerning an Index from publicly available sources it believes reliable, such information may not have been independently verified. Accordingly, no representation, warranty or undertaking (express or implied) is made and no responsibility is accepted by the Index Sponsor or its affiliates as to the accuracy, completeness and timeliness of information concerning an Index or any other information provided by any person in connection with the information described herein, or as to the continuance of calculation or publication of an Index.

Nothing in this disclaimer shall exclude or limit liability to the extent such exclusion or limitation is not permitted by law or regulation to which the Index Sponsor is subject.

III. Additional information in respect of the Index methodology

The Index Sponsor has established a governance framework (the "Governance Policy and Control Framework") to ensure compliance with the European Benchmark Regulation, the IOSCO Principles and any related measures and applicable FCA rules (each as amended or replaced from time to time)¹. The Governance Policy and Control Framework governs (amongst other things) the development, determination and operation of indices administered by the Index Sponsor. A summary of the Governance Policy and Control Framework (the "Control Framework Summary") is published on: www.nomuranow.com/portal/site/nnextranet/en/global-markets/structured-derivatives/quant-investment-strategies.shtml. Please refer to the summary of the Governance Policy and Control Framework in respect of the following information applying to the Index methodology:

Criteria for Index Development and Input Data and Source Selection The criteria and procedures used to develop this Index, and for selecting the sources of data inputs used in the Index, are set out in Appendix 2, Section 3 of the Control Framework Summary ("Index Design and Creation of New Indices") and Appendix 2, Section 6 ("Data Sufficiency and Hierarchy of Data Inputs").

Exercise of Expert Judgment and discretion

The Index Sponsor has adopted guidelines and procedures designed to promote consistency in the exercise of Expert Judgment and discretion for Index determinations. Further details are contained in Appendix 2, Section 14 of the Control Framework Summary ("Expert Judgment and Discretion").

Input Data Type Priority

The Index Sponsor applied the hierarchy for data inputs as set out in Appendix 2, Section 6 of the Control Framework Summary ("Data Sufficiency and Hierarchy of Data Inputs") when considering the data inputs used to construct the Index.

Index Error Reports and Revision

The Index Sponsor has adopted procedures for analysis and remediation of Index errors, and for potential restatement of a published Index level. Further details are contained in Appendix 2, Section 13 of the Control Framework Summary ("Correction of Errors") and Appendix 2, Section 15 ("Changes to Methodology") where remediation requires change to the Index Methodology.

Quantity and Quality of Input Data

The Index is constructed by the Index Sponsor using both single prices or levels and an average or other formula of prices or levels prescribed by the Index Methodology. The Index Sponsor therefore considers that the requirement to determine the thresholds of the quantity of data inputs, necessary to determine the Index accurately and reliably, has been met.

The Index Sponsor determines the standards of quality of the data inputs used in this Index at the design stage of the Index in accordance with Appendix 2, Section 6 of the Control Framework Summary ("Data Sufficiency and Hierarchy of Data Inputs"). These standards are reflected in the Index Methodology, as described in this Rulebook. The Index Sponsor will review these standards and the data inputs on a periodic basis in accordance with Appendix 2, [Section 16 of the Control Framework Summary ("Periodic Review of Indices") and in the full policies and procedures available on the Index Sponsor's public website, to ensure that the data inputs used continue to be of sufficient quality to determine the Index accurately and reliably, and will accordingly determine whether an Index Modification Event has occurred.

Internal Reviews of the Index

The Index Sponsor is required to conduct internal reviews of the Index on a periodic basis. Further details regarding the frequency of those reviews, the procedures to be followed, and the bodies or functions within the Index Sponsor's organisational structure involved in such reviews, are contained in Appendix 2, Section 16 of the Control Framework Summary ("Periodic Review of Indices") and in the full policies and procedures available on the Index Sponsor's public website.

Reviews will further be conducted where the Index Sponsor considers it desirable or necessary to do so, including in response to specific events or otherwise. Specific events may include (without limitation) any index errors, index disruptions, or other index life-cycle events; changes in market circumstances; changes in the applicable legal or regulatory environment; any challenges or complaints or other feedback from stakeholders, and/or any material audit findings. Further information regarding the procedures to be followed in response to certain specific events, and the bodies or functions within the Index Sponsor's organisational structure involved in such reviews, can be found in Appendix 2, Sections 13 ("Correction of Errors"), 14 ("Expert Judgment and Discretion"), 15 ("Changes to Methodology"), 19 ("Complaints Handling Policy"), 21 ("Audits), and any other sections of the Control Framework Summary which may be relevant from time to time.

Index Approval

The criteria and procedures used to approve the Index, and the bodies or functions within the Index Sponsor's organisational structure involved in such approval, are set out in Appendix 3 of the Control Framework Summary ("Main Features of Index Committee Constitution and Terms") and Appendix 2, Section 3 ("Index Design and Creation of New Indices").

Investor Consultation upon Index termination and material changes to the The Index Sponsor is required to consult investors of index linked products when proposing material changes to the Index methodology and termination of the Index. Further details on the circumstances and procedures under which consultation takes place are contained in Appendix 2, Section 15 of the Control Framework Summary ("Changes to Methodology"), Appendix 2, Section 17 ("Termination of Indices and Transitional Arrangements") and in the full policies and procedures available on the Index Sponsor's public

¹https://www.iosco.org/library/pubdocs/pdf/IOSCOPD415.pdf . The Governance Policy and Control Framework will be periodically reviewed and has been updated to reflect the requirements of the Regulation on indices used as benchmarks in financial instruments and financial contracts or to measure the performance of investment funds and amending Directives 2008/48/EC and 2014/17/EU and Regulation (EU) No 596/2014 (Regulation (EU) 2016/1011) (the "Benchmark Regulation"), as well as related level 2 measures and applicable FCA rules.

| Index methodology | website. |
|---------------------------------------|---|
| Active Market of the Index | As of the date of this Index Description, the Index Sponsor considers the underlying market of the Index to be active, in accordance with in Appendix 2, Sections 3 ("Index Design and Creation of New Indices and Methodologies") of the Control Framework Summary. |
| Outsourcing of Index Determination | The Index Sponsor has outsourced certain IT, Quants, Middle Office and Structuring functions to Nomura Structured Finance Services (India) Private Limited subject to a corporate service agreement between the entities. Further details are contained in Appendix 2, Section 1 of the Control Framework Summary ("Oversight of Third Parties"). |

Disclaimers in respect of the Underlying Indices

iTraxx

iTraxx® is a service mark of Markit Indices Limited and has been licensed for the use by Nomura International plc.

The iTraxx® Underlying CDS Indices referenced herein are the property of Markit Indices Limited ("iTraxx® Index Sponsor") and have been licensed for use in connection with the Nomura Credit Momentum Index. The Nomura Credit Momentum Index is not sponsored, endorsed or promoted by the ITraxx® Index Sponsor. The ITraxx® Index Sponsor makes no representation whatsoever, whether express or implied, and hereby expressly disclaim all warranties (including, without limitation, those of merchantability or fitness for a particular purpose or use), with respect to the ITRAXX® Underlying CDS Indices or any data included therein or relating thereto, and in particular disclaim any warranty either as to the quality, accuracy and/or completeness of the ITRAXX® Underlying CDS Indices or any data included therein, the results obtained from the use of the ITRAXX® Underlying CDS Indices, the composition of the Underlying CDS Indices at any particular date or otherwise, and/or the creditworthiness of, or likelihood of the occurrence of a credit event or similar event (however defined)with respect to an obligation in the ITRAXX® Underlying CDS Indices at any particular time on any particular date or otherwise. The ITraxx® Index Sponsor shall not be liable (whether in negligence or otherwise) to any person for any error in the ITRAXX® Underlying CDS Indices, and the ITraxx® Index Sponsor is under no obligation to advise any person of any error therein.

The ITraxx® Index Sponsor makes no representation whatsoever, whether express or implied, as to the advisability of entering into any transaction linked to the Nomura Credit Momentum Index, the ability of the ITRAXX® Underlying CDS Indices to track relevant markets' performances, or otherwise relating to the ITRAXX® Underlying CDS Indices or any transaction or product with respect thereto, or of assuming any risks in connection therewith. The ITraxx® Index Sponsor has no obligation to take the needs of any party into consideration in determining, composing or calculating the ITRAXX® Underlying CDS Indices. The ITraxx® Index Sponsor ,shall have no liability to any party for any act or failure to act by the ITraxx® Index Sponsor in connection with the determination, adjustment, calculation or maintenance of the ITRAXX® Underlying CDS Indices.

CDX

Markit CDX™ is a service mark of Markit North America, Inc., and has been licensed for use by Nomura International plc.

The CDX Underlying CDS Indices referenced herein are the property of Markit North America, Inc., ("CDX™ Index Sponsor") and have been licensed for use in connection with the Nomura Credit Momentum Index. The Nomura Credit Momentum Index is not sponsored, endorsed or promoted by the CDX™ Index Sponsor.. The CDX™ Index Sponsor makes no representation whatsoever, whether express or implied, and hereby expressly disclaim all warranties (including, without limitation, those of merchantability or fitness for a particular purpose or use), with respect to the CDX Underlying CDS Indices or any data included therein or relating thereto, and in particular disclaim any warranty either as to the quality, accuracy and/or completeness of the CDX Underlying CDS Indices or any data included therein, the results obtained from the use of the CDX Underlying CDS Indices, the composition of the Underlying CDS Indices at any particular time on any particular date or otherwise, and/or the creditworthiness of, or likelihood of the occurrence of a credit event or similar event (however defined)with respect to an obligation in the CDX Underlying CDS Indices at any particular time on any particular date or otherwise. The CDX™ Index Sponsor shall not be liable (whether in negligence or otherwise) to any person for any error in the CDX Underlying CDS Indices , and the CDX™ Index Sponsor is under no obligation to advise any person of any error therein. The CDX™ Index Sponsor makes no representation whatsoever, whether express or implied, as to the advisability of entering into any transaction linked to the Nomura Credit Momentum Index, the ability of the CDX Underlying CDS Indices to track relevant markets' performances, or otherwise relating to the CDX Underlying CDS Indices or any transaction or product with respect thereto, or of assuming any risks in connection therewith. The CDX™ Index Sponsor has no obligation to take the needs of any party into consideration in determining, composing or calculating the CDX Underlying CDS Indices. The CDX™ Index Sponsor , shall have no liability to any party for any act or failure to act by the CDX™ Index Sponsor in connection with the determination, adjustment, calculation or maintenance of the CDX Underlying CDS Indices. The CDX™ Index Sponsor and its affiliates may deal in any obligations that compose the CDX Underlying CDS Indices, and may where permitted, accept deposits from, make loans or otherwise extend credit to, and generally engage in any kind of commercial or investment banking or other business with the issuers of such obligations or their affiliates, and may act with respect to such business as if the Underlying CDS Indices did not exist, regardless of whether such action might adversely affect the CDX Underlying CDS Indices or the Nomura Credit Momentum Index.

IV. Disclaimer

This material has been prepared by the Index Sponsor, NIP ("NIpIc"), which is authorised by the Prudential Regulation Authority (PRA), regulated by the Financial Conduct Authority (FCA) and the PRA in the UK, and is a member of the London Stock Exchange.

This material is made available to you by NIplc and/or its affiliates (collectively, "Nomura Group"), as the case may be. This is not investment research as defined by the US rules and regulations, FCA nor is it research under the applicable rules in Hong Kong. It does not constitute a personal recommendation, as defined by the FCA, or take into account the particular investment objectives, financial situations, or needs of individual investors. It is intended only for investors who are "eligible market counterparties" or "professional clients" as defined by the FCA, and may not, therefore, be redistributed to other classes of investors. This material does not fall within the definition of an analyst report as defined by the Japan Securities Dealer's Association. It is intended for professional and institutional investors only.

This material is: (i) for your private information only, and we are not soliciting any action based upon it; (ii) not to be construed as an offer to sell or a solicitation of an offer to buy any security in any jurisdiction where such offer or solicitation would be illegal; and (iii) is based upon information that we consider reliable, and it should not be relied upon as such. While all reasonable care has been taken to ensure that the information contained herein is not untrue or misleading at the time of publication, no representation, warranty or undertaking, expressed or implied, is made and no responsibility or liability is accepted by the Nomura Group and/or its directors, officers and employees as to the accuracy, completeness, merchantability or fitness for a particular purpose of the information contained herein or any other information provided by any other person in connection with the information described herein or their distribution or for the results obtained from the use of this information.

Nomura Group and/or its directors, officers and employees do not accept any liability whatsoever for any loss or damage (including, without limitation, direct, indirect or consequential loss or loss of profits or loss of opportunity) suffered by you or any third party in connection with the use of this material or its content. It is not intended for investors who are unfamiliar with the relevant markets or who are unwilling or unable to bear the risks associated with the investment. You should refrain from entering into any transaction unless you fully understand all the risks involved and you have independently determined that the investment is suitable for you. We are not your designated investment adviser.

In reaching a determination as to the appropriateness of any proposed transaction linked to the Index, clients should undertake a thorough independent review of the legal, regulatory, credit, tax, accounting and economic consequences of such action. The Nomura Group may from time to time perform investment banking or other services (including acting as advisor, manager or lender) for, or solicit investment banking or other business from, companies mentioned herein. Further, the Nomura Group, and/or its officers, directors and employees, including persons, without limitation, involved in the preparation or issuance of this material may, from time to time, have long or short positions in, and buy or sell, the securities, or in options, futures or other derivatives based thereon, of companies mentioned herein, or related securities or in options, futures or other derivatives of companies mentioned herein. Further, the Nomura Group may buy and sell certain securities or in options, futures or other derivatives of companies mentioned herein. Further, the Nomura Group may buy and sell certain securities or in options, futures or other derivatives of companies mentioned herein, as agent for its clients.

Nomura manages conflicts identified through the following: their Chinese wall, confidentiality and independence policies, maintenance of a Stop List and a Watch List, personal account dealing rules, policies and procedures for managing conflicts of interest arising from the allocation and pricing of securities and impartial investment research and disclosure to clients via client documentation. Disclosure information is available at http://www.nomura.com/research/. No part of this material may be (i) copied, photocopied, or duplicated in any form, by any means, or (ii) redistributed without our prior express consent. If this publication has been distributed by electronic transmission, such as e-mail, then such transmission cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. The sender therefore does not accept liability for any errors or ormissions in the contents of this publication, which may arise as a result of electronic transmission. If verification is required, please request a hard-copy version

Nomura International (Hong Kong) Limited ("NIHK"), is regulated by the Securities and Futures Commission under Hong Kong laws which differ from Australian laws. Neither Niplc nor NIHK hold an Australian financial services license as both are exempt from the requirements to hold this license in respect of the financial services either provides.

If distributed into the US, the following section will also apply to US clients:

Nomura Securities International, Inc, ("NSI") is regulated by the Securities and Futures Commission and a member of SIPC. NSI does not provide legal, accounting or tax advice. In compliance with Internal Revenue Service Circular 230, we hereby notify you that any discussion of tax matters set forth herein was written in connection with the promotion or marketing of the matters described herein and was not intended or written to be used, and cannot be used by any person, for the purposes of avoiding tax-related penalties under federal, state or local tax law. Each person should seek legal, accounting and tax advice based on its particular circumstances from independent advisors.