

## DERIVATIVES SERVICE BUREAU (DSB) LTD

Other : Other : Non\_Standard

ISIN Product Definition

Version I

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## Contents

1	Introduction .....	2
1.1	Associated Documentation .....	2
2	Product Taxonomy.....	3
2.1	CFI Taxonomy.....	3
2.2	ISDA Taxonomy.....	3
3	Request Template.....	4
3.1	Validation Rules.....	4
3.1.1	Underlying Asset Class.Credit.....	4
3.1.2	Return or Payout Trigger, Valuation Method or Trigger, Option Type, Option Exercise Style.....	5
3.1.3	Underlying Asset Class = "Null" .....	5
4	Record Template .....	6
4.1	Normalization Rules.....	6
4.2	Derivation Rules.....	6
4.2.1	Full Name.....	7
4.2.2	Classification Type.....	9
4.2.3	Short Name.....	9
4.2.4	ISO Underlying Instrument Index.....	10
4.2.5	ISO Reference Rate / ISO Other Leg Reference Rate.....	10
4.2.6	ISO Delivery Type .....	11
4.2.7	ISO Place of Settlement.....	11
5	Supplementary Information .....	12
5.1	Best Practice Guidelines.....	12
5.2	Additional Comments.....	12
6	Appendix I - OTC ISIN-UPI Mapping .....	13

# I. Introduction

This document is designed to act as a manual for users to interpret the Product Definitions in the DSB OTC ISIN Service.

This document provides the user with a detailed description of the ISIN Product Definition content such as attribute enumerations, validation, normalization, and derivation where applicable.

## I.1 Associated Documentation

The reference documents below contain values and information maintained by the DSB for consistency and ease of access.

These documents are made available on the ANNA DSB website (Product Definitions page):

Title	Description	Location
<b>Enumerations Document</b>	Lists all fixed values used for a product	Enumerations section
<b>Product Definition Data Dictionary</b>	Defines attributes in the Request and Record templates; and from which they are referenced on	Other Documents section
<b>Product Definition Validations and Normalizations Document</b>	Specifies details on validation and normalization rules	
<b>Best Practice Guidelines and FAQs</b>	Lists answers to queries raised by users and provides guidance on the use of the templates	
<b>GitHub Environment Section</b>	ANNA DSB Github Environment where the JSON templates for each product is found	

## 2. Product Taxonomy

### 2.1 CFI Taxonomy

Source: [ISO 10962](#) (CFI Code) – Third edition 2015-07-15

Attr #	Title	Values	Name	Description
	<b>Instrument (Category)</b>	<b>M</b>	Others (miscellaneous)	
	<b>Asset Class (Group)</b>	<b>M</b>	Other assets (miscellaneous)	
<b>Attr #1</b>	<b>Further Grouping</b>	<b>S</b>	Other OTC derivative products	Other OTC derivative products
<b>Attr #2</b>	<b>Not applicable/undefined</b>	<b>X</b>	Not applicable/undefined	Not applicable/undefined
<b>Attr #3</b>	<b>Not applicable/undefined</b>	<b>X</b>	Not applicable/undefined	Not applicable/undefined
<b>Attr #4</b>	<b>Not applicable/undefined</b>	<b>X</b>	Not applicable/undefined	Not applicable/undefined

### 2.2 ISDA Taxonomy

The table below is based on the products identified as part of the [ISDA 2.0 taxonomy](#).

Asset Class	Base Product	Sub-Product	Transaction Type	DSB Product Definition Name
All	Exotic			Non_Standard (Miscellaneous)

### 3. Request Template

The Request Template describes the input message received by the OTC ISIN service.

Users can find the detailed description of this template in the Non Standard spreadsheet that contains the layout of all templates. This can be found in the Non Standard section of the Product Definitions page on the ANNA DSB website.

Change details of the template can be found on the appropriate Github page.

Template name	Template details	Release
Request.Other.Other.Non_Standard.InstRefDataReporting.json	Initial version	Initial

#### 3.1 Validation Rules

- For non-specific product validation rules, please refer to ISIN Product Definition Validations and Normalizations Document (See [Section I.I](#)).
- For enumerations, please refer to the associated ISIN Product Definition Enumeration document for the impacted attributes (See [Section I.I](#)).

##### 3.1.1 Underlying Asset Class.Credit

- a. Underlying Instrument Index Term Value and Term Unit
  - i. If Underlying Instrument Index or Underlying Instrument Index Prop is selected, the following validations will apply:
    - Underlying Instrument Index Term Value and Underlying Instrument Index Term Unit must be present in the REQUEST and RECORD messages.
    - Underlying Instrument Index Term Unit: [DAYS; WEEK; MNTH; YEAR].

Attribute	Validation Type	Validation	Error Message
Underlying Instrument Index Term Value	Integer validation	Input text must be an integer from -999 to 999 (including 0).	Value must be at most 999.
			Value must be at least -999.
			Value must be of type integer. Value must be at most 999. Value must be at least -999.

- b. Underlying Credit Index Series and Version
  - i. If Underlying Instrument Index Prop is selected, the following validations will apply:
    - Underlying Credit Index Series and Underlying Credit Index Version attributes must be present in the REQUEST and RECORD messages.
    - The input text by the user must be a positive integer from 0 to 999.
    - If the input text contains character, remove the character, and retain the integer if exists.

Attribute	Validation Type	Validation	Error Message
Underlying Credit Index Series / Underlying Credit Index Version	Integer validation	Input text has a prefix of negative (-).	Value must be at least 0.
		Input text contains negative (- ) after the integer.	Value must be of type integer. Value must be at most 999. Value must be at least 0.

### 3.1.2 Return or Payout Trigger, Valuation Method or Trigger, Option Type, Option Exercise Style

- User can select one or both Return or Payout Trigger or Valuation Method Trigger in the REQUEST template.
- If Option type is selected, Option Exercise Style and Valuation Method Trigger must be populated.
- If one of the attributes [Return or Payout Trigger or Valuation Method or Trigger] is not selected, an error message will apply: "[missing attribute/s] must be populated".

### 3.1.3 Underlying Asset Class = "Null"

- If user did not select any values in the Underlying Asset Class, an error message shall apply "Error: At least one Underlying Asset Class must be selected".

## 4. Record Template

The Record Template describes the record returned by the OTC ISIN service.

Users can find the detailed description of this template in the Non Standard spreadsheet that contains the layout of all templates. This can be found in the Non Standard section of the Product Definitions page on the ANNA DSB website.

Change details of the template can be found on the appropriate Github page.

Version	Template name	Template details
V1	<b>Other.Other.Non_Standard.InstRefDataReporting.V1.json</b>	Initial version
V1M1	<b>Other.Other.Non_Standard.InstRefDataReporting.V1M1.json</b>	Added Parent UPI
V2	<b>Other.Other.Non_Standard.InstRefDataReporting.V2.json</b>	Dynamic Enumeration
V2M1	<b>Other.Other.Non_Standard.InstRefDataReporting.V2M1.json</b>	Added Parent UPI
V3	<b>Other.Other.Non_Standard.InstRefDataReporting.V3.json</b>	Added Strike Price attribute
V3M1	<b>Other.Other.Non_Standard.InstRefDataReporting.V3M1.json</b>	Added Parent UPI
V4	<b>Other.Other.Non_Standard.InstRefDataReporting.V4.json</b>	Updated Request and Record Template Definition
V4M1	<b>Other.Other.Non_Standard.InstRefDataReporting.V4M1.json</b>	Added Parent UPI

### 4.1 Normalization Rules

For non-specific product normalization rules, please refer to the Product Definition Validations and Normalizations (See [Section 1.1](#)).

### 4.2 Derivation Rules

This section describes the derivations of product attributes highlighted in the Record Template.

## 4.2.1 Full Name

Attribute	Full Name			
<b>Structure</b>	Asset Class + Instrument Type + Product + Term of Contract Value/Unit + Underlying Instruments + Base Product + Additional Sub Product + Other Base Product + Other Additional Sub Product + ISO Reference Rate/ISO Other Leg Reference Rate + Notional Currency + Other Notional Currency + Expiry Date			
<b>Example</b>	Other Other Non_Standard I DAYS Multiple ISINs 5493005BBCF841CNQ550 Multiple Indices METL LEAD METL ALUM CPI LIBO Multiple Currencies 20230913			
<b>Source</b>	RTS23/Field2 - Instrument Full Name			
Source Attribute	Source Value	Derivation Method	Result	
<b>Asset Class</b>	Other	Fixed Value	Other	
<b>Instrument Type</b>	Other	Fixed Abbreviation	Other	
<b>Product</b>	Non_Standard	Fixed Abbreviation	Non_Standard	
<b>Term of Contract Value/Unit</b>	e.g., I DAYS	Copy value =>	I DAYS	
<b>Underlying Instruments</b>	Underlying Instrument ISIN	e.g., US87331AAB08	Extracted value =>	US87331AAB08
		Multiple Input ISIN	Mapped to =>	Multiple ISINs
	Underlying Instrument LEI	e.g., 5493005BBCF841CNQ550	Extracted value =>	5493005BBCF841CNQ550
		Multiple Input LEI	Mapped to =>	Multiple LEIs
	ISO Underlying Instrument Index	e.g., MSCI EM USD	Extracted value =>	MSCI EM
		e.g., 34810-JPI6LMO	Extracted value =>	JPI6LMO
Multiple Instrument Indices/Index Prop		Mapped to =>	Multiple Indices	
<b>Base Product</b>	e.g., Metal[METL]	Mapped to =>	METL	
<b>Additional Sub Product</b>	e.g., Lead[LEAD]	Mapped to =>	LEAD	
<b>Other Base Product</b>	e.g., Metal[METL]	Mapped to =>	METL	



<b>Other Additional Sub Product</b>	e.g., Aluminum[ALUM]	Mapped to =>	ALUM
<b>ISO Reference Rate</b>	e.g., CPI	Copy value =>	CPI
	Multiple input Reference Rates	Mapped to =>	Multiple Indices
<b>ISO Other Leg Reference Rate</b>	e.g., LIBO	Copy value =>	LIBO
	Multiple input Other Leg Reference Rates	Mapped to =>	Multiple Indices
<b>Notional Currency</b>	Notional Currency	Mapped Enumeration	e.g., USD, EUR, GBP
	Multiple input currencies	Mapped to =>	Multiple Currencies
<b>Other Notional Currency</b>	Other Notional Currency	Mapped Enumeration	e.g., USD, EUR, GBP
	Multiple input currencies	Mapped to =>	Multiple Currencies
<b>Expiry Date</b>	Expiry Date	Date Format (YYYYMMDD)	20230913

## 4.2.2 Classification Type

Attribute	Classification Type		
<b>Structure</b>	Instrument Type + Asset Class + Further Grouping + X + X + X		
<b>Example</b>	MMSXXX		
<b>Source</b>	<a href="#">ISO 10962</a> (CFI) – Third edition 2015-07-15		
Source Attribute	Source Value	Derivation Method	Result
<b>Instrument Type</b>	Others (miscellaneous)	Fixed Mapping	M
<b>Asset Class</b>	Other assets	Fixed Mapping	M
<b>Further Grouping</b>	Other OTC derivative products	Fixed Mapping	S
<b>Not applicable/undefined</b>	Not applicable/undefined	Fixed Mapping	X
<b>Not applicable/undefined</b>	Not applicable/undefined	Fixed Mapping	X
<b>Not applicable/undefined</b>	Not applicable/undefined	Fixed Mapping	X

## 4.2.3 Short Name

Attribute	Short Name		
<b>Structure</b>	"NA" + "/" + Instrument Type + Asset Class + Product Type + Notional Currency + Other Notional Currency + Expiry Date		
<b>Example</b>	NA/Oth Oth Nstd Mlt Mlt 20230913		
<b>Source</b>	<a href="#">ISO 18774</a> (Financial Instrument Short Name) - First edition 2015-11		
Source Attribute	Source Value	Derivation Method	Result
<b>Issuer Name</b>	None	Fixed Value	NA/
<b>Instrument Type</b>	Others (miscellaneous)	Fixed Abbreviation	Oth
<b>Asset Class</b>	Other assets	Fixed Abbreviation	Oth
<b>Product Type</b>	Non-Standard	Fixed Abbreviation	Nstd
<b>Notional Currency</b>	Notional Currency	Mapped Enumeration	e.g., USD, EUR, GBP

	Multiple input currencies	Mapped to =>	Mlt
<b>Other Notional Currency</b>	Other Notional Currency	Mapped Enumeration	e.g., USD, EUR, GBP
	Multiple input currencies	Mapped to =>	Mlt
<b>Expiry Date</b>	Expiry Date	Date Format (YYYYMMDD)	20230913

#### 4.2.4 ISO Underlying Instrument Index

Attribute	ISO Underlying Instrument Index*		
Source Attribute	Source Value	Derivation Method	Result
<b>Underlying Instrument Index</b>	e.g., MSCI EM USD	Extracted value =>	e.g., MSCI EM
	Multiple Input Index	Mapped to =>	Multiple Indices
<b>Underlying Instrument Index Prop</b>	e.g., 34810-JPI6LMO	Extracted value =>	e.g., JPI6LMO
	Multiple Input Index Prop	Mapped to =>	Multiple Indices

\*Underlying Instrument Index input value is from Underlying Asset Class Credit & Equity.

\*Underlying Instrument Index Prop input value is from Underlying Asset Class Credit, Equity & Commodities.

#### 4.2.5 ISO Reference Rate / ISO Other Leg Reference Rate

The ISO Reference Rate is derived from ISO20022 BenchmarkCurveName2Code codeset or ISO20022 BenchmarkCurveNameCode codeset where available. If value is not found, see the Best Practice Guidelines and FAQs for complete derivation details (see [Section 5](#)).

Attribute	ISO Reference Rate		
Source Attribute	Source Value	Derivation Method	Result
<b>Reference Rate</b>	e.g., AUD-CPI	See Best Practice document	e.g., CPI
	Multiple input Reference Rates	Mapped to =>	Multiple Indices
<b>Other Leg Reference Rate</b>	e.g., USD-LIBOR-ISDA	See Best Practice document	e.g., LIBO
	Multiple input Other Leg Reference Rates	Mapped to =>	Multiple Indices

#### 4.2.6 ISO Delivery Type

Attribute	ISO Delivery Type		
Source Attribute	Source Value	Derivation Method	Result
Delivery Type	Cash	Mapped to =>	CASH
	Physical	Mapped to =>	PHYS
	Auction	Mapped to =>	OPTL
	Elect at Exercise	Mapped to =>	OPTL
	Elect at Settlement	Mapped to =>	OPTL
	Non-Deliverable	Mapped to =>	OPTL

#### 4.2.7 ISO Place of Settlement

Attribute	ISO Place of Settlement		
Source Attribute	Source Value	Derivation Method	Result
Place of Settlement	e.g., Hong Kong	Mapped to =>	e.g., HK

## 5. Supplementary Information

### 5.1 Best Practice Guidelines

Please refer to Best Practice Guidelines and FAQs (See [Section 1.1](#)).

### 5.2 Additional Comments

No Additional comment is provided for this product.

## 6. Appendix I - OTC ISIN-UPI Mapping

This section describes the mapping between the ISIN and UPI input attributes.

anyOf	ISIN Input Attributes	Condition	Mapping Logic	UPI Input Attributes	Example UPI Value	Comments
	Asset Class		Direct Map	Asset Class	Other	
	Instrument Type		Direct Map	Instrument Type	Other	
	Use Case		Direct Map	Product	Non_Standard	
	Level		Set to "UPI"	Level	UPI	
	Expiry Date		No Mapping			
	Price Multiplier		No Mapping			
	Option Type		Direct Map	Option Type	CALL	
	Option Exercise Style		Direct Map	Option Exercise Style	AMER	
	Valuation Method or Trigger		Direct Map	Valuation Method or Trigger	Vanilla	
	Delivery Type		Direct Map	Delivery Type	Physical	
<b>Underlying Asset Class.Rates</b>						
	By Tenor					
	Term of Contract Value		No Mapping			
	Term of Contract Unit		No Mapping			
	By Effective Date					
	Effective Date		No Mapping			
	Expiry Date Adjusted		No Mapping			
	Tenor Calculator Method		No Mapping			
	Notional Currency		Direct Map	Notional Currency	EUR	
	Reference Rate	If Reference Rate = 1	If Reference Rate = 1 = "Single Underlier"	Underlying Structure	Single Underlier	"One Of" Underlying Structure
Map to			Underlier ID	EUR-EXT-CPI		
Set to "FPML"			Underlier ID Source	FPML		

anyOf	ISIN Input Attributes	Condition	Mapping Logic	UPI Input Attributes	Example UPI Value	Comments
		If Reference Rate > I	If Reference Rate > I = "Basket"	Underlying Structure	Basket	"One Of" Underlying Structure
	Reference Rate Term Value	If Reference Rate = I	Direct Map	Reference Rate Term Value	3	
		If Reference Rate > I	No Mapping			
	Reference Rate Term Unit	If Reference Rate = I	Direct Map	Reference Rate Term Unit	MNTH	
		If Reference Rate > I	No Mapping			
	Return or Payout Trigger		Direct Map	Return or Payout Trigger	Spreadbets	
	Other Notional Currency		Direct Map	Other Notional Currency	GBP	
	Other Leg Reference Rate	If Reference Rate = I	If Reference Rate = I = "Single Underlier"	Underlying Structure	Single Underlier	"One Of" Underlying Structure
			Map to	Other Leg Underlier ID	GBP-LIBOR-BBA	
			Set to "FPML"	Other Leg Underlier ID Source	FPML	
		If Reference Rate > I	If Reference Rate > I = "Basket"	Underlying Structure	Basket	"One Of" Underlying Structure
	Other Leg Reference Rate Term Value	If Reference Rate = I	Direct Map	Other Leg Reference Rate Term Value	3	
		If Reference Rate > I	No Mapping			
	Other Leg Reference Rate Term Unit	If Reference Rate = I	Direct Map	Other Leg Reference Rate Term Unit	MNTH	
		If Reference Rate > I	No Mapping			
<b>Underlying Asset Class.Foreign Exchange</b>						
	Notional Currency		Map to	Underlier ID	EUR	
				Set to "CCY"	Underlier ID Source	CCY

anyOf	ISIN Input Attributes	Condition	Mapping Logic	UPI Input Attributes	Example UPI Value	Comments
	Other Notional Currency		Map to	Underlier ID	USD	
			Set to "CCY"	Underlier ID Source	CCY	
	Return or Payout Trigger		Direct Map	Return or Payout Trigger	Spreadbets	
	Settlement Currency		Direct Map	Settlement Currency	EUR	
	Place of Settlement		Direct Map	Place of Settlement	Hong Kong	
Underlying Asset Class.Credit						
	Return or Payout Trigger		Direct Map	Return or Payout Trigger	Credit Default	
	Underlying Instrument ISIN	If Underlying Instrument ISIN = 1	If Underlying Instrument ISIN = 1 = "Single Underlier"	Underlying Structure	Single Underlier	"One Of" Underlying Structure
			Set to "Fixed Income Security"	Underlier Type	Fixed Income Security	"One Of" Underlier Type
			Map to	Underlier ID	US92857WBQ24	
			Set to "ISIN; FIGI; CUSIP; SEDOL"	Underlier ID Source	ISIN	
		If Underlying Instrument ISIN > 1	If Underlying Instrument ISIN > 1 = "Basket"	Underlying Structure	Basket	"One Of" Underlying Structure
	Underlying Instrument LEI	If Underlying Instrument LEI = 1	If Underlying Instrument LEI = 1 = "Single Underlier"	Underlying Structure	Single Underlier	"One Of" Underlying Structure
			Set to "Legal Entity"	Underlier Type	Legal Entity	"One Of" Underlier Type
			Map to	Underlier ID	INR2EJN1ERAN0W5ZP974	
			Set to "LEI"	Underlier ID Source	LEI	
		If Underlying Instrument LEI > 1	If Underlying Instrument LEI > 1 = "Basket"	Underlying Structure	Basket	"One Of" Underlying Structure
	Underlying Instrument Index Prop	If Underlying Instrument	If Underlying Instrument Index Prop = 1 = "Single Underlier"	Underlying Structure	Single Underlier	"One Of" Underlying Structure



anyOf	ISIN Input Attributes	Condition	Mapping Logic	UPI Input Attributes	Example UPI Value	Comments
		Index Prop = 1	Set to "Proprietary Index"	Underlier Type	Proprietary Index	"One Of" Underlier Type
			Map to	Underlier ID	11339-MLSREISU	
			Set to "PROP"	Underlier ID Source	PROP	
		If Underlying Instrument Index Prop > 1	If Underlying Instrument PROP > 1 = "Basket"	Underlying Structure	Basket	"One Of" Underlying Structure
	Underlying Instrument Index	If Underlying Instrument Index = 1	If Underlying Instrument Index = 1 = "Single Underlier"	Underlying Structure	Single Underlier	"One Of" Underlying Structure
			Set to "Credit Index"	Underlier Type	Credit Index	"One Of" Underlier Type
			Map to	Underlier ID	ITRAXX EUROPE	
			Set to "CRIDX"	Underlier ID Source	CRIDX	
		If Underlying Instrument Index > 1	If Underlying Instrument Index > 1 = "Basket"	Underlying Structure	Basket	"One Of" Underlying Structure
	Underlying Instrument Index Term Value	If Underlying Instrument Index = 1	Direct Map	Underlying Instrument Index Term Value	7	
		If Underlying Instrument Index > 1	No Mapping			
	Underlying Instrument Index Term Unit	If Underlying Instrument Index = 1	Direct Map	Underlying Instrument Index Term Unit	DAYS	
		If Underlying Instrument Index > 1	No Mapping			
	Underlying Credit Index Series	If Underlying Instrument Index = 1	Direct Map	Underlying Credit Index Series	3	
		If Underlying Instrument Index > 1	No Mapping			

anyOf	ISIN Input Attributes	Condition	Mapping Logic	UPI Input Attributes	Example UPI Value	Comments	
	Underlying Credit Index Version	If Underlying Instrument Index = 1	Direct Map	Underlying Credit Index Version	5		
		If Underlying Instrument Index > 1	No Mapping				
	Debt Seniority		Direct Map	Debt Seniority	SNDB		
Underlying Asset Class.Equity							
	Strike Price Type		No Mapping				
	Strike Price		No Mapping				
	Strike Price Currency		No Mapping				
	Return or Payout Trigger		Direct Map	Return or Payout Trigger	Price		
	Underlying Instrument ISIN	If Underlying Instrument ISIN = 1	If Underlying Instrument ISIN = 1 = "Single Underlier"	Underlying Structure	Single Underlier	"One Of" Underlying Structure	
			Set to "Equity Identifier"	Underlier Type	Equity Identifier	"One Of" Underlier Type	
			Map to	Underlier ID	GB0001383545		
			Set to "ISIN; FIGI; CUSIP; SEDOL"	Underlier ID Source	ISIN		
		If Underlying Instrument ISIN > 1	If Underlying Instrument ISIN > 1 = "Basket"	Underlying Structure	Basket	"One Of" Underlying Structure	
		Underlying Instrument Index	If Underlying Instrument Index = 1	If Underlying Instrument Index = 1 = "Single Underlier"	Underlying Structure	Single Underlier	"One Of" Underlying Structure
				Set to "Equity Index Name"	Underlier Type	Equity Index Name	"One Of" Underlier Type
				Map to	Underlier ID	FTSE 200 Index	
	Set to "EQIDX"		Underlier ID Source	EQIDX			
		If Underlying Instrument Index > 1	If Underlying Instrument Index > 1 = "Basket"	Underlying Structure	Basket	"One Of" Underlying Structure	

anyOf	ISIN Input Attributes	Condition	Mapping Logic	UPI Input Attributes	Example UPI Value	Comments
	Underlying Instrument Index Prop	If Underlying Instrument Index Prop = 1	If Underlying Instrument Index Prop = 1 = "Single Underlier"	Underlying Structure	Single Underlier	"One Of" Underlying Structure
			Set to "Proprietary Index"	Underlier Type	Proprietary Index	"One Of" Underlier Type
			Map to	Underlier ID	34810-JPCFNAMR	
			Set to "PROP"	Underlier ID Source	PROP	
		If Underlying Instrument Index Prop > 1	If Underlying Instrument PROP > 1 = "Basket"	Underlying Structure	Basket	"One Of" Underlying Structure
<b>Underlying Asset Class.Commodities</b>						
	Notional Currency		Direct Map	Notional Currency	EUR	
	Underlying Instrument Index	If Underlying Instrument Index = 1	If Underlying Instrument Index = 1 = "Single Underlier"	Underlying Structure	Single Underlier	"One Of" Underlying Structure
			Set to "Commodity Index"	Underlier Type	Commodity Index	"One Of" Underlier Type
			Map to	Underlier ID	OTHER	
			Set to "COIDX"	Underlier ID Source	COIDX	
		If Underlying Instrument Index > 1	If Underlying Instrument Index > 1 = "Basket"	Underlying Structure	Basket	"One Of" Underlying Structure
	Underlying Instrument Index Prop	If Underlying Instrument Index Prop = 1	If Underlying Instrument Index Prop = 1 = "Single Underlier"	Underlying Structure	Single Underlier	"One Of" Underlying Structure
			Set to "Proprietary Index"	Underlier Type	Proprietary Index	"One Of" Underlier Type
			Map to	Underlier ID	11339-BABXSG01	
			Set to "PROP"	Underlier ID Source	PROP	
		If Underlying Instrument Index Prop > 1	If Underlying Instrument PROP > 1 = "Basket"	Underlying Structure	Basket	"One Of" Underlying Structure

anyOf	ISIN Input Attributes	Condition	Mapping Logic	UPI Input Attributes	Example UPI Value	Comments
	Reference Rate	If Reference Rate = 1	If Reference Rate = 1 = "Single Underlier"	Underlying Structure	Single Underlier	"One Of" Underlying Structure
			Set to "Commodity Ref Price"	Underlier Type	Commodity Ref Price	"One Of" Underlier Type
			Map to	Underlier ID	GOLD-A.M. FIX	
			Set to "COMM"	Underlier ID Source	COMM	
		If Reference Rate > 1	If Reference Rate > 1 = "Basket"	Underlying Structure	Basket	"One Of" Underlying Structure
	Base Product		Direct Map	Base Product	METL	
	Sub Product		Direct Map	Sub Product	PRME	
	Additional Sub Product		Direct Map	Additional Sub Product	GOLD	
	Other Notional Currency		Direct Map	Other Notional Currency	USD	
	Other Reference Rate	If Reference Rate = 1	If Reference Rate = 1 = "Single Underlier"	Underlying Structure	Single Underlier	"One Of" Underlying Structure
			Map to	Other Underlier ID	SILVER-FIX	
			Set to "COMM"	Other Underlier ID Source	COMM	
		If Reference Rate > 1	If Reference Rate > 1 = "Basket"	Underlying Structure	Basket	"One Of" Underlying Structure
	(Other) Base Product		Direct Map	Other Base Product	METL	
	(Other) Sub Product		Direct Map	Other Sub Product	PRME	
	(Other) Additional Sub Product		Direct Map	Other Additional Sub Product	SLVR	
	Return or Payout Trigger		Direct Map	Return or Payout Trigger	Total Return	
	Transaction Type		No Mapping			
	Final Price Type		No Mapping			