Derivatives Service Bureau

Non-Standard Product Definitions Taskforce Final Report

September 2017

Contents

Preface

Change History

Date	Change	Version	Author	Revision Details
19-Sep-17	Creation	0.1	Tony Birrell	Initial Version
05-Oct-17	Amendment	0.2	Tony Birrell	Amended the Underlying Asset type in the Rates Non-Standard Option to align with the Reference rate provided

1 Objectives

The taskforce was established to create Non-standard Product Definitions that enable an ISIN and a CFI code to be created for Non-Standard instruments within the current constraints of RTS 23/CPMI-IOSCO and allow for segmentation from flow products for ToTV/uToTV purposes.

A secondary outcome of this taskforce is to understand which potential values could be added to the existing CFI attributes to better define non-standard products which will be submitted to the CFI corking group. The relevant attributes are below:

- Underlying Asset Type
- Return or payout trigger
- Valuation method or trigger

The ISO directive Classification of Financial Instruments (CFI) code must be produced as part of the ISIN record and consists of 6 alphabetic characters that create an instrument identifier, the 2015 CFI taxonomy is the latest taxonomy employed by the DSB

2 High level principles

1. A single ISIN and associated CFI code should either represent a flow Product Definition or a Non-Standard Product Definition but not both simultaneously
2. Product Definition design should remain aligned to the RTS23/CFI scope and current thinking on CPMI-IOSCO UPI
3. Additional attributes outside of the above scope can be considered by the DSB, however, a diversion from the above consistent approach at this late stage requires a strong use case
4. Should any additional attributes be added, validation against ESMA/FIRDs requirements would also need to be passed
5. DSB will liaise with the CFI working group to recommend attribute enrichments submitted by the taskforce for implementation post Jan 3rd 2018 go-live

3 Product Definitions

Product Definition	Required	Design complete	Focus Group sign-off	Taskforce sign-off
Rates_Non-Standard Swap	Y	Y	Y	Y
Rates_Non-Standard Option	Y	Y	Y	Y
Credit_Non-Standard Swap	Y	Y	Y	Y
Credit_Non-Standard Option	Y	Y	Y	Y
FX_Non-Standard Option	Y	Y	Y	Y
FX_Non-Standard Forward	Y	Y	Y	Y
Equity_Non-Standard Swap	Y	Y	Y	Y
Equity_Non-Standard Option	Y	Y	Y	Y
Equity_Non-Standard Forward	Y	Y	Y	Y
Non-Standard Swap	Y	Y	Y	Y
Non-Standard Option	Y	Y	Y	Y
Miscellaneous	Y	Y	Y	Y

4 Issues & Resolutions

#	Asset Class	Template Name	Issue	Resolution	Status
1	Credit	Swap/Option	Multi leg Credit Instruments – Taskforce discussed how Notional Currency is to be interpreted for multi leg credit instruments	Proposal to be raised with the focus group	Open
2	Rates	Option	Rates/Option/Other (HRM***) Product definitions still under consideration - EXAMPLES REQUIRED	Members agreed that this definition is required for Inflation Swap Cap/Floor with formula style pay-off	Closed
3	Rates	All	Additional Product Definition attribute – Taskforce discussed the possibility of adding a specific attribute from an industry source to the Non-standard Product Definition that would enable differentiation of exotic products classified by 'Other' CFI categories	Members agreed that Non-standard products will be successfully carved out by using Non-standard Product Definitions. SG2 review does not yield an attribute that could be easily included.	Closed
4	Rates	All	Classification of exotic instruments – Taskforce discussed the possibility of classifying the exotic instruments in scope into an enumerated list that could be represented by a new attribute 'Product Type' that would enable differentiation of exotic products classified by 'Other' CFI categories	Members agreed that Non-standard products will be successfully carved out by using Non-standard Product Definitions. SG2 review does not yield an attribute that could be easily included.	Closed
5	Rates	All	Volume – Taskforce discussed the potential volume of exotic instruments in scope	Members agreed to review volumes as templates are implemented and tested	Closed
6	Rates	Inflation Swap (CPI vs Yield)	1. Need a flexible template to hold a Reference Rate and Reference Rate CPI. All templates either yield/yield or cpi/cpi. - Reference Rate: Yield Index (GBP-LIBOR-BBA) - Other Reference Rate: CPI Index (UKRPI) 2. Documentation of what template to use for other ISDA Taxonomy 2.0 categories (e.g. Interest Rate:IR Swap:Fixed Float:Plain Vanilla, do we use Basis?)	Secretariat confirmed that the FpML Floating Rate schema and FpML CPI Rate schema can be combined in the Non-Standard Product Definitions	Closed
7	All	Swap	Non-standard Swap - represents cross asset class - is there a need to represent underlies from Commodities?	Members believe there is a requirement to represent all asset classes	Closed
8	All	Option	Non-standard Option - represents cross asset class - is there a need to represent underlies from Commodities?	Members believe there is a requirement to represent all asset classes	Closed

#	Asset Class	Template Name	Issue	Resolution	Status
9	Credit	Swap	Product Definition for CDS with Loan underlier – Taskforce members confirmed that Loans should be a separate Product Definition as is a vanilla product	DSB agreed to create an independent Product Definition for CDS with Loan Underlier for Product Committee review	Closed
10	Credit	Swap/Option	Non-standard Product Definition – Taskforce members agreed that non-standard templates are required for Swaps and options and must allow multiple underlying ISINs to be input by users	Members agreed that an array must be allowed for the underlying attributes	Closed
11	Credit	Swap/Option	Example trades – Taskforce discussed if standard or non-standard Product Definitions should be used for CDS instruments with any non-standard element	Members agreed that once an instrument contains elements from multiple asset classes then the cross-asset class Non-Standard Swap/Option template should be used as opposed to the asset class specific non-standard template	Closed
12	Equity	Option	Option Style & Type – Taskforce discussed the approach to utilise the Option type of 'Chooser' for all non-standard options that are neither Put nor Call. One member challenged this approach and suggested if a CFI code cannot be exactly matched then M – Other (miscellaneous) should be used.	Value of 'X' is available within the CFI code for instruments whose Option style/Type is not known or not relevant	Closed
13	Equity	Custom option with variable payoff	1. Multiple strikes (agreed, PNDG) 2. Multiple exercise styles (business rule, no facility in CFI, only euro/amer/berm. RTS23 has OTHR 3. Multiple or no option type (agreed, chooser) 4. Underlying isin array (alphabetical?)	1. Value of 'PNDG' will be available in the Non-Standard Product Definitions 2. Value of 'X' is available within the CFI code for instruments whose Option style/Type is not known or not relevant 3. As above 4. Alphabetical normalisation is applied	Closed
14	Equity	Option	Example provided of a forward starting OTC option containing a strike price of "90% of spot" of a particular underlying stock, with a fixing date of close today. Exact strike price is not known until market close so how should users differentiate a floating strike price (as in this example) and a valid fixed strike of 0.9?	DSB agreed that the non-standard product template will allow both 0 and 'PNDG' as strike price, to be confirmed with the PC	Closed

#	Asset Class	Template Name	Issue	Resolution	Status
15	Equity	Baskets	Nested ISINs - example walkthrough	Members agreed that the identifiers of the constituents comprising the basket should be recorded as the underlying identifiers of the OTC derivative.	Closed
16	Equity	Miscellaneous	Given this is not instrument centric and the CFI code is fixed, is there value in including option attributes that are covered by RTS 23 but do not currently have a CFI code representation	Members agreed to retain 'Option Type' and 'Option Exercise Style' within the miscellaneous templates	Closed
17	Equity	Swap	**Simple nesting:** EQD Variance swap - underlyer of a basket. Basket contains BHF, MET and Cash. BHF and MET are simple cash equities and have a RIC/BBG code, the Cash does not. Do we include cash components in the underlyer section of the template? **More complex nesting:** Equity Swap - underlyer of a Basket. Basket contains 19 OTC Options on SPY, 2 Monte Carlo script instruments on SPY and a cash component. Do we need to go all the way down to SPY ETF and provide that as the underlying RIC/BBG code? And do we just provide it once as a distinct RIC/BBG code? Even though the OTC itself really has 21 underlyers? **Super complex** 1. In the below example, do we need to go down all levels? 2. What would be the unique list of underlyings we would send in the template? 3. What to do with the Floating Rate Swap which doesn't have an identifier/ISIN? It is a floating rate single legged swap so doesn't have an "underlyer"	Members agreed that any cash component should not be included in the underlying of an ISIN request as this represents the premium or discount to the client rather than a defining part of the instrument itself.	Closed
18	Equity	Forward	Differentiation between standard and non-standard forwards – The taskforce discussed the fact that the current CFI does not allow for differentiation. Taskforce agreed to provide industry direction that M – Others (Miscellaneous) Product Definition should be used for Non-standard forwards	Members agreed that M – Others (Miscellaneous) Product Definition should be used for Non-standard forwards	Closed

#	Asset Class	Template Name	Issue	Resolution	Status
19	Equity	Baskets	Multi-Asset baskets – Taskforce members agreed that the Non-Standard Product Definition and resultant CFI group of ‘Other’ should be used when the basket consists of multi-asset class products	Members agreed that the Non-Standard Product Definition and resultant CFI group of ‘Other’ should be used when the basket consists of multi-asset class products	Closed
20	FX	Average Strike Option (static notional, not accrual)	Strike not included in Vanilla_Option, but multi strike (PNDG), so not vanilla? At what point to we switch to NonStandard Opt?	Taskforce members agreed that when there is a non-standard element in an instrument then Non-Standard Product definition should be used	Closed
21	FX	Target Redemption Forward (TARF)	Does the taskforce consider both TARF and TARN to be Target_Options?	Members agreed the following: - TARF - Use the standard Target Option Product Definition - Tarn - Use the Non-standard Product Definition	Closed
22	FX	Option	Cross Asset & Cross Instrument + Cross Asset FX Options – Taskforce discussed whether Options/Other and Miscellaneous CFI codes respectively should be used for these instruments	Members agreed that FX_Non-Standard Option template with an Underlying Asset Type of 'Other' should be used for cross asset instruments.	Closed
23	FX	Option	FX Non-Standard Product Definition – members discussed whether the available Underlying Asset CFI values of Forwards/Futures/Volatility & Other are required	Members agreed that all enumerations including Spot are required	Closed
24	FX	Option	Multi-currency – members discussed if functionality is required to list multi currencies in ‘Other Notional Currency’ field	Members agreed that multi-currency FX instruments should use the M – Others (Miscellaneous) Product Definition	Closed
25	FX	Option	Per Swift standard, add Place of Settlement (PSET) as an additional attribute into a single Non-standard Product Definition that would enable unique ISINs for CNH trades and provide a solution for industry.	Members agreed that 'Place of Settlement' as an attribute in the FX Non-Standard Product Definitions	Closed
26	FX	Synthetic forward	Option on a straddle, straddle is virtual and does not have an ISIN. Do we put option type as first leg or go Chooser?	Value of 'X' is available within the CFI code for instruments whose Option style/Type is not known or not relevant	Closed
27	FX	FX Digital Basket option	1. Underlying instrument ISIN to contain TOTV basket constituents? Does the ISIN change if the constituents go in and out of TOTV? 2. Index term value not applicable	Optional fields in Non-Standard Option	Closed

5 Instrument allocation

Asset Class	Instrument	Product	Product Definition	CFI Code
Credit	Swap	**LINKED SWAP:** Leg 1: JPM Pays Fixed Coupon until a date, then pays a floating rate with both a cap/floor until another date – Risky to bond issuer / Leg 2: JPM Rcvs Fixed or Floating	Credit Non-standard Swap	SCM***
Credit	Swap	**LINKED SWAP:** Leg 1: JPM Pays Fixed or Floating in one CCY – Risky to multiple bond issuers / Leg 2: JPM Rcvs Fixed or Floating	Credit Non-standard Swap	SCM***
Credit	Swap	**CUSTOMISED CDS SWAPS:** Leg 1: JPM Pays Fixed Coupon which changes year on year – Risky to a bond issuer / Leg 2: JPM Rcvs Fixed or Floating	Credit Non-standard Swap	SCM***
Credit	Swap	**PERFECT ASSET SWAPS:** Leg 1: JPM Pays Fixed or Floating in one CCY – Risky to a loan / Leg 2: JPM Rcvs Fixed or Floating in another CCY – Risky to a loan	Credit Non-standard Swap	SCM***
Credit	Swap	**BALANCE GUARANTEE SWAPS:** Leg 1: JPM Pays Fixed or Floating in one CCY – Risky to a pool of loans / Leg 2: JPM Rcvs Fixed or Floating in another CCY – Risky to a pool of loans	Credit Non-standard Swap	SCM***
Credit	Swap	**BASKETS:** Leg 1: JPM Pays Fixed or Floating in one CCY – Risky to a basket of names (1 – 300 names)	Credit Non-standard Swap	SCM***
Equity	Forward	Knock in forward	Equity Non-Standard Forward	JE*X**
Equity	Forward	Daily accumulator	Equity Non-Standard Forward	JE*X**
Equity	Option	Custom option with variable payoff	Equity Non-Standard Option	HE****
Equity	Option	Digital Products	Non-standard Option	HMM***
Equity	Option	Reverse Convertible - Barrier Put Option	Equity Non-Standard Option	HE****
Equity	Option	Bonus Certificate - Zero Strike Call Option	Equity Non-Standard Option	HE****
Equity	Option	Bonus Certificate - Barrier Put Option	Equity Non-Standard Option	HE****
Equity	Swap	Correlation Swap	Equity Non-Standard Swap	SE****
Equity	Swap	Variance corridor swaps	Equity Non-Standard Swap	SE****
Equity	Swap	Contingent variance swaps	Equity Non-Standard Swap	SE****
Equity	Swap	Variance gamma swaps	Equity Non-Standard Swap	SE****
Equity	Swap	Reverse Convertible - Single Underlier	Equity Non-Standard Swap	SE****
Equity	Swap	Reverse Convertible - ZCB (Zero Coupon Bond) for capital protection	Equity Non-Standard Swap	SE****
Equity	Swap	Reverse Convertible - Coupon payment	Equity Non-Standard Swap	SE****
Equity	Swap	Bonus Certificate - Single Underlying	Equity Non-Standard Swap	SE****
FX	Forward	Synthetic forward	FX Non-Standard Option	HF****

Asset Class	Instrument	Product	Product Definition	CFI Code
FX	Forward	Target Redemption Forward (TARF)	Target Option	HFM*M*
FX	Forward	Target Redemption Forward (TARN)	FX Non-Standard Option	HF****
FX	Option	CorrelationSwaps	Miscellaneous/Other	MMSXXX
FX	Option	Baskets	Miscellaneous/Other	MMSXXX
FX	Option	FX Flexible Forward	FX Non-standard Option	HF****
FX	Option	DualDigital	Miscellaneous/Other	MMSXXX
FX	Option	WorstOf	Miscellaneous/Other	MMSXXX
FX	Option	DualDoubleNoTouch	Miscellaneous/Other	MMSXXX
FX	Option	Range accruals	FX Non-standard Option	HF****
FX	Option	Accumulators	FX Non-standard Option	HF****
FX	Option	Windows - Barrier/Digitals	Non-standard Option	HMM***
FX	Option	FX Digital Basket option	FX Non-Standard Option	HF****
FX	Option	Average Strike Option (static notional, not accrual)	FX Non-Standard Option	HF****
Rates	Option	Inflation Cap Floor	Rates Non-Standard Swap	HRI*M*
Rates	Swap	Inflation Swap (CPI vs Yield)	Rates Non-Standard Swap	SRM***

6 Non-Standard Product Definitions

The Product Definitions have been classified into three distinct sections:

- Product Definition Selection: The set of fields to define the full population of product specific attributes
- Product Definition Input: The set of attributes the user must input when requesting an ISIN
- Product Definition Derived: The set of attributes that can be inferred by the combination of Product Definition Selection & Product Definition Input and will be returned to the user as part of the full ISIN record

The combination of the above 3 sections comprise the full record of the ISIN Engine that will be returned to the requester.

The sections are differentiated by colour:

Product Definition Selection	
Product Definition Input	
Product Definition Derived	

Each Product Definition, contains a 'Cat' (Category) column indicating whether the attribute is mandatory, conditional (optional) or derived per the following key:

Mandatory attribute	M
Conditional (optional) attribute	C
Derived attribute	D

The Product Definition Input & derived sections contain example values for illustrative purposes.

For a full list of possible enumerations please refer to the Enumerations table in the UAT Provisional Product Definitions document.

All underlying attributes will allow array for the Non-Standard Product Definitions.

For the marked user input CFI related fields, please refer to the CFI enumerations table in section 6.1 for all possible enumerations.

6.1 Rates Non-Standard Swap

Section	ISO Attribute	NATIVE ISO Example Values	Cat	Reference
Product Definition Selection	Asset Class	R - Rates	M	CFI/2nd letter
	Instrument Type	S - Swap	M	CFI/1st letter
	Product	Non_Standard	M	
	Level	InstRefDataReporting	D	
Product Definition Input	Notional Currency	EUR	M	RTS23/Field13
	Expiry date	2021-12-31	M	RTS23/Field24
	Price Multiplier	1	M	RTS23/Field25
	Reference Rate	EUR-LIBOR-BBA	M	DSB
	Reference Rate Term Value	6	M	RTS23/Field41
	Reference Rate Term Unit	MNTH	M	RTS23/Field41
	Notional Schedule	C - Constant	M	CFI/4th Letter
	Single or Multi currency	S - Single Currency	M	CFI/5th Letter IRS Swap
	Delivery type	P - PHYS	M	RTS23/Field34; CFI/6th letter
	Other Notional Currency	*Optional field*	C	RTS23/Field42
	Other Leg Reference Rate	*Optional field*	C	DSB
	Other Leg Reference Rate Term Value	*Optional field*	C	RTS23/Field46
	Other Leg Reference Rate Term Unit	*Optional field*	C	RTS23/Field46
Product Definition Derived	ISIN Status	New	D	DSB
	Version	1	D	DSB
	Parent	<null>	D	DSB
	Identification	ISIN	D	RTS23/Field1
	Full Name	Rates Swap Non_Standard EUR-LIBOR-BBA 6 MNTH 20211231	D	RTS23/Field2
	Classification Type	SRMCSP	D	RTS23/Field3
	Commodity Derivative Indicator	FALSE	D	RTS23/Field4
	Issuer or operator of the trading venue identifier	NA	D	RTS23/Field5
	Short Name	NA/Rts Swaps Oth EUR 20211231	D	RTS23/Field7
	Underlying Asset type	M - Other	D	CFI/3rd letter
	ISO Reference Rate	LIBO	D	RTS23/Field40
	ISO Other Leg Reference Rate	*Truncated index name if populated above*	D	RTS23/Field45

6.2 Rates Non-Standard Option

Section	ISO Attribute	NATIVE ISO Example Values	Cat	Reference
Product Definition Selection	Asset Class	R - Rates	M	CFI/2nd letter
	Instrument Type	H - Option	M	CFI/1st letter
	Product	Non_Standard	M	
	Level	InstRefDataReporting	D	
Product Definition Input	Notional Currency	EUR	M	RTS23/Field13
	Expiry date	2021-12-31	M	RTS23/Field24
	Price Multiplier	1	M	RTS23/Field25
	Underlying Asset type	C - Fixed - Floating	M	CFI/3rd letter
	Option type	*Optional field – "X" permittable value if not known at execution*	C	RTS23/Field30 / CFI 4th Opts
	Option exercise style	*Optional field – "X" permittable value if not known at execution*	C	RTS23/Field33 / CFI 4th Opts
	Valuation Method or Trigger	M - Other	M	CFI/5th Opts
	Delivery type	P - PHYS	M	RTS23/Field34; CFI/6th letter
	Reference Rate	EUR-LIBOR-BBA	M	DSB
	Reference Rate Term Value	6	M	RTS23/Field41
	Reference Rate Term Unit	MNTH	M	RTS23/Field41
Product Definition Derived	ISIN Status	New	D	DSB
	Version	1	D	DSB
	Parent	<null>	D	DSB
	Identification	ISIN	D	RTS23/Field1
	Full Name	Rates Option Non_Standard EUR-LIBOR-BBA 6 MNTH 20211231	D	RTS23/Field2
	Classification Type	HRCXMP	D	RTS23/Field3
	Commodity Derivative Indicator	FALSE	D	RTS23/Field4
	Issuer or operator of the trading venue identifier	NA	D	RTS23/Field5
	Short Name	NA/O Nstd Fxd Flt EUR 20211231	D	RTS23/Field7
	Price Multiplier	1	D	RTS23/Field25
	ISO Reference Rate	LIBO	D	RTS23/Field40

6.3 Credit Non-Standard Swap

Section	ISO Attribute	NATIVE ISO Example Values	Cat	Reference
Product Definition Selection	Asset Class	C - Credit	M	CFI/2nd letter
	Instrument Type	S - Swap	M	CFI/1st letter
	Product	Non_Standard	M	
	Level	InstRefDataReporting	D	Level
Product Definition Input	Notional Currency	USD	M	RTS23/Field13
	Expiry date	2021-03-01	M	RTS23/Field24
	Price Multiplier	1	M	RTS23/Field25
	Underlying instrument ISIN	EZ1122334455	C	RTS23/Field26
	Underlying instrument LEI	*LEI if ISIN not provided above*	C	RTS23/Field27
	Return or Payout Trigger	M - Other	M	CFI/4th Swaps/5th Fwds
	Underlying Issuer Type	C - Corporate	M	CFI/5th Credit Swaps
	Delivery type	A - OPTL	M	RTS23/Field34; CFI/6th letter
	Debt Seniority	Senior Debt	M	CPMI-IOSCO
Product Definition Derived	Identification	EZ1234567891	D	RTS23/Field1
	Status	New	D	DSB
	Version	1	D	DSB
	Parent	<null>	D	DSB
	Full Name	Credit Swap Non_Standard Other EZ1122334455 USD 20210301	D	RTS23/Field2
	Classification Type	SCMMCA	D	RTS23/Field3
	Commodity Derivative Indicator	FALSE	D	RTS23/Field4
	Issuer or operator of the trading venue identifier	NA	D	RTS23/Field5
	Short Name	NA/CDS Corp Oth Sr USD 20210301	D	RTS23/Field7
	Underlying Asset type	M - Other	D	CFI/3rd letter

6.4 Credit Non-Standard Option

Section	ISO Attribute	NATIVE ISO Example Values	Cat	Reference
Product Definition Selection	Asset Class	C - Credit	M	CFI/2nd letter
	Instrument Type	H - Option	M	CFI/1st letter
	Product	Non_Standard	M	
	Level	InstRefDataReporting	D	Level
Product Definition Input	Notional Currency	USD	M	RTS23/Field13
	Expiry date	2021-03-01	M	RTS23/Field24
	Price Multiplier	1	M	RTS23/Field25
	Underlying instrument ISIN	EZ1122334455	C	RTS23/Field26
	Underlying instrument LEI	LEI if ISIN not provided above	C	RTS23/Field27
	Underlying Asset type	M - Other	M	CFI/3rd letter
	Option type	*Optional field – "X" permittable value if not known at execution*	M	RTS23/Field30 / CFI 4th Opts
	Option exercise style	*Optional field – "X" permittable value if not known at execution*	M	RTS23/Field33 / CFI 4th Opts
	Valuation Method or Trigger	M - Other	M	CFI/5th Opts
	Delivery type	A - OPTL	M	RTS23/Field34; CFI/6th letter
	Debt Seniority	Senior Debt	M	CPMI-IOSCO
Product Definition Derived	Identification	EZ1234567891	D	RTS23/Field1
	Status	New	D	DSB
	Version	1	D	DSB
	Parent	<null>	D	DSB
	Full Name	Credit Option Non_Standard Other EZ1122334455 USD 20210301	D	RTS23/Field2
	Classification Type	HCMXMA	D	RTS23/Field3
	Commodity Derivative Indicator	FALSE	D	RTS23/Field4
	Issuer or operator of the trading venue identifier	NA	D	RTS23/Field5
	Short Name	NA/CDS Nstd Oth Sr USD 20210301	D	RTS23/Field7

6.5 FX Non-Standard Forward

Section	ISO Attribute	NATIVE ISO Example Values	Cat	Reference
Product Definition Selection	Asset Class	F - Foreign Exchange	M	CFI/2nd letter
	Instrument Type	J - Forward	M	CFI/1st letter
	Product	Non_Standard	M	
	Level	InstRefDataReporting	D	
Product Definition Input	Notional Currency	EUR	M	RTS23/Field13
	Expiry date	2017-03-31	M	RTS23/Field24
	Price Multiplier	1	M	RTS23/Field25
	Underlying Asset type	R - Forward	M	CFI/3rd letter
	Return or payout Trigger	F - Forward price of underlying instrument	M	CFI/4th Swaps/5th Fwds
	Delivery type	C - Cash	M	RTS23/Field34; CFI/6th letter
	Other Notional Currency	USD	M	RTS23/Field47
	Settlement Currency	EUR	M	CPMI-IOSCO
	Place of Settlement	France	C	DSB
Product Definition Derived	Identification	EZ1234567891	D	RTS23/Field1
	ISIN Status	New	D	DSB
	Version	1	D	DSB
	Parent	<null>	D	DSB
	Full Name	Foreign Exchange Forward Non_Standard EUR USD 20170331	D	RTS23/Field2
	Classification Type	JFRXFC	D	RTS23/Field3
	Commodity Derivative Indicator	FALSE	D	RTS23/Field4
	Issuer or operator of the trading venue identifier	NA	D	RTS23/Field5
	Short Name	NA/F Non_Standard EUR USD 20170331	D	RTS23/Field7
	FX Type	FXMJ	D	RTS23/Field48
	ISO Place of Settlement	FR	D	ISO-3166

6.6 FX Non-Standard Option

Section	ISO Attribute	NATIVE ISO Example Values	Cat	Reference
Product Definition Selection	Asset Class	F - Foreign Exchange	M	CFI/2nd letter
	Instrument Type	H - Option	M	CFI/1st letter
	Product	Non_Standard	M	
	Level	InstRefDataReporting	D	
Product Definition Input	Notional Currency	EUR	M	RTS23/Field13
	Expiry date	2017-03-31	M	RTS23/Field24
	Price Multiplier	1	M	RTS23/Field25
	Underlying Asset type	M - Other	M	CFI/3rd letter
	Option type	*Optional field – "X" permittable value if not known at execution*	C	RTS23/Field30 / CFI 4th Opts
	Option exercise style	*Optional field – "X" permittable value if not known at execution*	C	RTS23/Field33 / CFI 4th Opts
	Valuation Method or Trigger	V - Vanilla	M	CFI/5th Opts
	Delivery type	C - Cash	M	RTS23/Field34; CFI/6th letter
	Other Notional Currency	USD	M	RTS23/Field47
	Settlement Currency	EUR	M	CPMI-IOSCO
	Place of Settlement	France	C	DSB
Product Definition Derived	Identification	EZ1234567891	D	RTS23/Field1
	ISIN Status	New	D	DSB
	Version	1	D	DSB
	Parent	<null>	D	DSB
	Full Name	Foreign Exchange Option Non_Standard EUR USD 20170331	D	RTS23/Field2
	Classification Type	HFMXVC	D	RTS23/Field3
	Commodity Derivative Indicator	FALSE	D	RTS23/Field4
	Issuer or operator of the trading venue identifier	NA	D	RTS23/Field5
	Short Name	NA/O Non_Standard Call EUR USD 20170331	D	RTS23/Field7
	FX Type	FXMJ	D	RTS23/Field48
	ISO Place of Settlement	FR	D	ISO-3166

6.7 Equity Non-Standard Swap

Section	ISO Attribute	NATIVE ISO Example Values	Cat	Reference
Product Definition Selection	Asset Class	E - Equity	M	CFI/2nd letter
	Instrument Type	S - Swap	M	CFI/1st letter
	Product	Non_Standard	M	
	Level	InstRefDataReporting	D	
Product Definition Input	Notional Currency	USD	M	RTS23/Field13
	Expiry date	2017-06-30	M	RTS23/Field24
	Price Multiplier	1	M	RTS23/Field25
	Underlying instrument ISIN	*Optional field if Index name not provided*	C	RTS23/Field26
	Underlying Instrument Index	S&P 500 INDEX	C	DSB
	Underlying Instrument Index Prop	*Optional field if 'Custom Prop Index' selected above*	C	DSB
	Underlying Asset type	M - Other	M	CFI/3rd letter
	Return or Payout Trigger	M - Other	M	CFI/4th Swaps/5th Fwds
	Delivery type	C - CASH	M	RTS23/Field34; CFI/6th letter
Product Definition Derived	ISIN Status	New	D	DSB
	Version	1	D	DSB
	Parent	<null>	D	DSB
	Identification	E1234567891	D	RTS23/Field1
	Full Name	Equity Swap Non_Standard US6488151084 USD 20170630	D	RTS23/Field2
	Classification Type	SEMMXC	D	RTS23/Field3
	Commodity Derivative Indicator	FALSE	D	RTS23/Field4
	Issuer or operator of the trading venue identifier	NA	D	RTS23/Field5
	Short Name	NA/Swaps Nstd Oth USD 20170630	D	RTS23/Field7
	ISO Underlying Instrument Index	S&P 500 INDEX	D	RTS23/Field28
	Underlying Instrument Index Term Value	0	D	RTS23/Field29
	Underlying Instrument Index Term Unit	DAYS	D	RTS23/Field29

6.8 Equity Non-Standard Option

Section	ISO Attribute	NATIVE ISO Example Values	Cat	Reference
Product Definition Selection	Asset Class	E - Equity	M	CFI/2nd letter
	Instrument Type	H - Option	M	CFI/1st letter
	Product	Non_Standard	M	
	Level	InstRefDataReporting	D	
Product Definition Input	Notional Currency	USD	M	RTS23/Field13
	Expiry date	2017-06-30	M	RTS23/Field24
	Price Multiplier	1	M	RTS23/Field25
	Underlying instrument ISIN	EZ1122334455	C	RTS23/Field26
	Underlying Instrument Index	*Index name if ISIN not provided above*	C	DSB
	Underlying Instrument Index Prop	*Optional field if 'Custom Prop Index' selected above*	C	DSB
	Strike Price	PNDG	M	RTS23/Field31
	Strike Price Currency	*To be populated if strike price is populated above*	C	RTS23/Field32
	Underlying Asset type	M - Other	M	CFI/3rd letter
	Option type	*Optional field – "X" permittable value if not known at execution*	C	RTS23/Field30 / CFI 4th Opts
	Option exercise style	*Optional field – "X" permittable value if not known at execution*	C	RTS23/Field33 / CFI 4th Opts
	Valuation Method or Trigger	M - Other	M	CFI/5th Opts
	Delivery type	C - CASH	M	RTS23/Field34; CFI/6th letter
Product Definition Derived	ISIN Status	New	D	DSB
	Version	1	D	DSB
	Parent	<null>	D	DSB
	Identification	EZ1234567891	D	RTS23/Field1
	Full Name	Equity Option Non_Standard USD 20170630	D	RTS23/Field2
	Classification Type	HEMXMC	D	RTS23/Field3
	Commodity Derivative Indicator	FALSE	D	RTS23/Field4
	Issuer or operator of the trading venue identifier	NA	D	RTS23/Field5
	Short Name	NA/O Oth Put Amr USD 20170630	D	RTS23/Field7
	Underlying instrument Index ISIN	EZ1122334455 (if applicable)	D	RTS23/Field26
	ISO Underlying Instrument Index	*Truncated Index name if ISIN not provided above*	D	RTS23/Field28
	Underlying Instrument Index Term Value	0	D	RTS23/Field29
	Underlying Instrument Index Term Unit	DAYS	D	RTS23/Field29

6.9 Equity Non-Standard Forward

Section	ISO Attribute	NATIVE ISO Example Values	Cat	Reference
Product Definition Selection	Asset Class	E - Equity	M	CFI/2nd letter
	Instrument Type	J - Forward	M	CFI/1st letter
	Product	Non_Standard	M	
	Level	InstRefDataReporting	D	
Product Definition Input	Notional Currency	USD	M	RTS23/Field13
	Expiry date	2017-06-30	M	RTS23/Field24
	Price Multiplier	1	M	RTS23/Field25
	Underlying instrument ISIN	EZ1122334455	C	RTS23/Field26
	Underlying Instrument Index	*Index name if ISIN not provided above*	C	DSB
	Underlying Instrument Index Prop	*Optional field if 'Custom Prop Index' selected above*	C	DSB
	Underlying Asset type	S - Single Stock	M	CFI/3rd letter
	Return or Payout Trigger	F - Forward price of underlying instrument	M	CFI/4th Swaps/5th Fwds
	Delivery type	P - PHYS	M	RTS23/Field34; CFI/6th letter
Product Definition Derived	ISIN Status	New	D	DSB
	Version	1	D	DSB
	Parent	<null>	D	DSB
	Identification	EZ1234567891	D	RTS23/Field1
	Full Name	Equity Forward Non_Standard EZ1122334455 USD 20170630	D	RTS23/Field2
	Classification Type	JESXFP	D	RTS23/Field3
	Commodity Derivative Indicator	FALSE	D	RTS23/Field4
	Issuer or operator of the trading venue identifier	NA	D	RTS23/Field5
	Short Name	NA/Fwd Opt Fwd Pr USD 20170630	D	RTS23/Field7
	ISO Underlying Instrument Index	*Truncated Index name if ISIN not provided above*	D	RTS23/Field28
	Underlying Instrument Index Term Value	0	D	RTS23/Field29
	Underlying Instrument Index Term Unit	DAYS	D	RTS23/Field29

6.10 Non-Standard Swap

Section	ISO Attribute	NATIVE ISO Example Values	Cat	Reference
Product Definition Selection	Asset Class	M - Other	M	CFI/2nd letter
	Instrument Type	S - Swap	M	CFI/1st letter
	Product	Non_Standard	M	
	Level	InstRefDataReporting	D	
Product Definition Input	Notional Currency	USD	M	RTS23/Field13
	Expiry date	2017-06-30	M	RTS23/Field24
	Price Multiplier	1	M	RTS23/Field25
	Delivery type	C - CASH	M	RTS23/Field34; CFI/6th letter
	Underlying instrument ISIN	*ISIN underlier*	C	RTS23/Field26
	Underlying instrument LEI	*Credit underlier*	C	RTS23/Field27
	Underlying Instrument Index	*Index underlier*	C	DSB
	Underlying Instrument Index Prop	*Optional field if 'Custom Prop Index' selected above*	C	DSB
	Underlying Instrument Index Term Value	*Index underlier*	C	RTS23/Field29
	Underlying Instrument Index Term Unit	*Index underlier*	C	RTS23/Field29
	Base Product	*Commodity underlier*	C	RTS23/Field35
	Sub Product	*Commodity underlier*	C	RTS23/Field36
	Additional Sub Product	*Commodity underlier*	C	RTS23/Field37
	Transaction Type	*Commodity underlier*	C	RTS23/Field38
	Final Price type	*Commodity underlier*	C	RTS23/Field39
	Reference Rate (Commodities)	*Commodity underlier*	C	DSB
	Reference Rate	*Rates underlier*	C	DSB
	Reference Rate Term Value	*Rates underlier*	C	RTS23/Field41
	Reference Rate Term Unit	*Rates underlier*	C	RTS23/Field41
	Other Notional Currency	*FX underlier*	C	RTS23/Field47

Product Definition Derived	ISIN Status	New	D	DSB
	Version	1	D	DSB
	Parent	<null>	D	DSB
	Identification	E1234567891	D	RTS23/Field1
	Full Name	Other Swap Non_Standard USD 20170630	D	RTS23/Field2
	Classification Type	SMMXXC	D	RTS23/Field3
	Commodity Derivative Indicator	FALSE	D	RTS23/Field4
	Issuer or operator of the trading venue identifier	NA	D	RTS23/Field5
	Short Name	NA/Swaps Oth Oth USD 20170630	D	RTS23/Field7
	Underlying Asset type	M - Other	D	CFI/3rd letter
	ISO Underlying Instrument Index	*Truncated Index name if provided*	D	RTS23/Field28
	ISO Reference Rate	*Truncated Reference Rate if provided*	D	RTS23/Field40

6.11 Non-Standard Option

Section	ISO Attribute	NATIVE ISO Example Values	Cat	Reference
Product Definition Selection	Asset Class	M - Other	M	CFI/2nd letter
	Instrument Type	H - Option	M	CFI/1st letter
	Product	Non_Standard	M	
	Level	InstRefDataReporting	D	
Product Definition Input	Notional Currency	USD	M	RTS23/Field13
	Expiry date	2017-06-30	M	RTS23/Field24
	Price Multiplier	1	M	RTS23/Field25
	Underlying instrument ISIN	*ISIN underlier*	C	RTS23/Field26
	Underlying Instrument Index	*Index underlier*	C	DSB
	Underlying Instrument Index Prop	*Optional field if 'Custom Prop Index' selected above*	C	DSB
	Underlying Instrument Index Term Value	*Index underlier*	C	RTS23/Field29
	Underlying Instrument Index Term Unit	*Index underlier*	C	RTS23/Field29
	Strike Price	*Strike Price of Equity option*	M	RTS23/Field31
	Strike Price Currency	*To be populated if strike price is populated above*	M	RTS23/Field32
	Option type	*Optional field – "X" permittable value if not known at execution*	C	RTS23/Field30 / CFI 4th Opts
	Option exercise style	*Optional field – "X" permittable value if not known at execution*	C	RTS23/Field33 / CFI 4th Opts
	Valuation Method or Trigger	M - Other	M	CFI/5th Opts
	Delivery type	C - CASH	M	RTS23/Field34; CFI/6th letter
	Base Product	*Commodity underlier*	C	RTS23/Field35
	Sub Product	*Commodity underlier*	C	RTS23/Field36
	Additional Sub Product	*Commodity underlier*	C	RTS23/Field37
	Transaction Type	*Commodity underlier*	C	RTS23/Field38
	Final Price type	*Commodity underlier*	C	RTS23/Field39
	Reference Rate (Commodities)	*Commodity underlier*	C	DSB
	Reference Rate	*Rates underlier*	C	DSB
	Reference Rate Term Value	*Rates underlier*	C	RTS23/Field41
	Reference Rate Term Unit	*Rates underlier*	C	RTS23/Field41
	Other Notional Currency	*FX underlier*	C	RTS23/Field47

Product Definition Derived	ISIN Status	New	D	DSB
	Version	1	D	DSB
	Parent	<null>	D	DSB
	Identification	EZ1234567891	D	RTS23/Field1
	Full Name	Other Option Non_Standard USD 20170630	D	RTS23/Field2
	Classification Type	HMMXMC	D	RTS23/Field3
	Commodity Derivative Indicator	FALSE	D	RTS23/Field4
	Issuer or operator of the trading venue identifier	NA	D	RTS23/Field5
	Short Name	NA/O Oth NStd USD 20170630	D	RTS23/Field7
	Underlying Asset type	M - Other	D	CFI/3rd letter
	ISO Underlying Instrument Index	*Truncated Index name if provided*	D	RTS23/Field28
	ISO Reference Rate	*Truncated Reference Rate if provided*	D	RTS23/Field40

6.12 Miscellaneous

Section	ISO Attribute	NATIVE ISO Example Values	Cat	Reference
Product Definition Selection	Asset Class	M - Other	M	CFI/2nd letter
	Instrument Type	S - Swap	M	CFI/1st letter
	Product	Non_Standard	M	
	Level	InstRefDataReporting	D	
Product Definition Input	Notional Currency	USD	M	RTS23/Field13
	Expiry date	2017-06-30	M	RTS23/Field24
	Price Multiplier	1	M	RTS23/Field25
	Underlying instrument ISIN	*ISIN underlier*	C	RTS23/Field26
	Underlying Instrument Index	*Index underlier*	C	DSB
	Underlying Instrument Index Prop	*Optional field if 'Custom Prop Index' selected above*	C	DSB
	Underlying Instrument Index Term Value	*Index underlier*	C	RTS23/Field29
	Underlying Instrument Index Term Unit	*Index underlier*	C	RTS23/Field29
	Option type	*Optional field – "X" permittable value if not known at execution*	C	RTS23/Field30
	Option exercise style	*Optional field – "X" permittable value if not known at execution*	C	RTS23/Field33
	Base Product	*Commodity underlier*	C	RTS23/Field35
	Sub Product	*Commodity underlier*	C	RTS23/Field36
	Additional Sub Product	*Commodity underlier*	C	RTS23/Field37
	Transaction Type	*Commodity underlier*	C	RTS23/Field38
	Final Price type	*Commodity underlier*	C	RTS23/Field39
	Reference Rate (Commodities)	*Commodity underlier*	C	DSB
	Reference Rate	*Rates underlier*	C	DSB
	Reference Rate Term Value	*Rates underlier*	C	RTS23/Field41
	Reference Rate Term Unit	*Rates underlier*	C	RTS23/Field41
	Other Notional Currency	*FX underlier*	C	RTS23/Field47

Product Definition Derived	ISIN Status	New	D	DSB
	Version	1	D	DSB
	Parent	<null>	D	DSB
	Identification	E1234567891	D	RTS23/Field1
	Full Name	Other Other Non_Standard USD 20170630	D	RTS23/Field2
	Classification Type	MMSXXX	D	RTS23/Field3
	Commodity Derivative Indicator	FALSE	D	RTS23/Field4
	Issuer or operator of the trading venue identifier	NA	D	RTS23/Field5
	Short Name	NA/Oth Oth USD 20170630	D	RTS23/Field7
	Further Grouping	S - Other OTC Derivative Products	D	CFI/3rd letter
	ISO Underlying Instrument Index	*Truncated Index name if provided*	D	RTS23/Field28
	ISO Reference Rate	*Truncated Reference Rate if provided*	D	RTS23/Field40