Derivatives Service Bureau (UPI)

CHANGE REQUEST FORM

Version	State	Author	Date	Description
1	Draft	M. Surop	06 May 2021	Initial Document
2	Draft	M. Surop	19 July 2021	Removed active hyperlinks in Data Dictionary; Amended References section with standard text; Removed Short Name comment in the Comment section.

Title	COMMODITIES SWAP Swap Template Definition		
Background	The following CRF presents a specification for the generation and retrieval of a	DSB-ID	UPI-0284
	Unique Product Identifier for the following product:	Туре	New Template
	Commodities : Swap : Swap	Owner	M. Surop
		Version	2
		State	Draft
Terms of Referen	ce	,	
Scope	 This CRF specifies the product definition required for the generation / retrieva This CRF covers both the input (Request) and output (Record) templates. Support for local jurisdiction / alternate underlier identifier input is currently of Support for CFI 2019 values is currently out of scope. 		
Requirements	 The product definition will conform to ISO 4914 (UPI). Where possible, the product definition is to be based on the attributes, values OTC ISIN. The product definition will return a product short name (FISN). All UPI records stored on the DSB RDL will include the ISO 10962 (CFI) code assequivalent text value for all attributes that are included in the definition of the 	sociated with t	
Dependencies	 This specification is dependent on final sign-off of the ISO 4914 (UPI) specification. This specification is dependent on PC approval for the use of the OTC ISIN defition. This specification is dependent on PC approval for the inclusion of ISO 4914 (UPI). This specification is dependent on TAC Approval for the DSB approach to ISO 1. This specification is dependent on the provision of a human-readable alias for in the Short Name (FISN) and a human-readable alias for the Contract Specification. The format of the Short Name is dependent upon the outcome of the ISO 187. 	nitions as a ba IPI) conditiona .0962 (CFI:201 the primary u ation.	l attributes. 9) migration. nderlier for inclusion
Assumptions	 This specification assumes that, unless stated, all values and behaviours are batteristication. This specification assumes that no input values are to be defaulted by the syst. This specification is based on the current ISO 4914 (UPI) specification (CD) – in currently supported by the equivalent OTC ISIN. This specification is based on the DSB's current equivalent OTC ISIN product down this specification is based on the attributes and values defined in ISO 10962 (Computer to provide an example Short Name, this specification defines a format conform to the eventually agreed FISN format for the UPI. This specification adefined using the same attributes (where available) as the OTC ISIN Short Name. Where possible, this specification derives GUI details from the ISO 4914 (UPI) not included in the current OTC ISIN product definition. The display information in the GUI for the existing attributes (and values) are the information contains an "ISIN" in the description, replace the value into "UPI". The specification for UPI does not include expiry date as part of the attributes, apply. The specification is based on the DSB's current equivalent OTC ISIN product devalues based on RTS 23 (EU 2017/585) Table 2 rather than the ISO 20022. 	em. cluding attribution. CFI:2015). It for this attributes sumes that the element of the element	outes that are not not not he Short Name is or attributes that are not not office of the OTC ISIN. If such and not

Request Template Layout

Section	Attribute	Format	Cat	Example Value	Validation / Derivation	Enum Source	Origin
	Asset Class	Set	М	Commodities		CFI:2015 Char#2 (ST****)	ISIN
Header Section	Instrument Type	Set	М	Swap		CFI:2015 Char#1 (ST****)	ISIN
neader Section	Product	Set	М	Swap			ISIN
	Level	Set	М	UPI			NEW
	Underlier ID	Enum	М	LEAD-LME CASH	FpmlCommoditiesReferenceRate.json	ISDA Taxonomy 2.0	NEW
	Underlier ID Source	String	М	ISDA	[ISDA]	Internal	NEW
	Base Product	Enum	М	METL	See CRF (Validation)	RTS 23 (EU 2017/585) Table 2	ISIN
Attribute Section	Sub Product	Enum	С	NPRM	See CRF (Validation)	RTS 23 (EU 2017/585) Table 2	ISIN
	Additional Sub Product	Enum	С	LEAD	See CRF (Validation)	RTS 23 (EU 2017/585) Table 2	ISIN
	Return or Payout Trigger	Enum	М	Contract for Difference (CFD)	[Contract for Difference (CFD); Total Return]	CFI:2015 Char#4 (ST****)	ISIN
	Delivery Type	Enum	M	CASH	[CASH; PHYS; OPTL]	ISO 20022	ISIN

Record Template Layout

Section	Attribute	Format	Cat	Example Value	Validation / Derivation	Enum Source	Origin
	Asset Class	Set	M	Commodities		CFI:2015 Char#2 (ST****)	ISIN
	Instrument Type	Set	M	Swap		CFI:2015 Char#1 (ST****)	ISIN
Header Section	Product	Set	M	Swap			ISIN
	Level	Set	M	UPI			NEW
	Template Version	Integer	D	1			ISIN
	Reference Rate	Enum	М	LEAD-LME CASH	FpmlCommoditiesReferenceRate.json	ISDA Taxonomy 2.0	ISIN
	Base Product	Enum	М	METL	See CRF (Validation)	RTS 23 (EU 2017/585) Table 2	ISIN
Attribute Section	Sub Product	Enum	С	NPRM	See CRF (Validation)	RTS 23 (EU 2017/585) Table 2	ISIN
Attribute Section	Additional Sub Product	Enum	С	LEAD	See CRF (Validation)	RTS 23 (EU 2017/585) Table 2	ISIN
	Return or Payout Trigger	Enum	М	Contract for Difference (CFD)	[Contract for Difference (CFD); Total Return]	CFI:2015 Char#4 (ST****)	ISIN
	Delivery Type	Enum	М	CASH	[CASH; PHYS; OPTL]	ISO 20022	ISIN
	UPI	String	D	QZQS42KMXS79	UPI	ISO 4914	NEW
Identifier Section	Status	String	D	New			ISIN
identifier section	Status Reason	String	D	<null></null>	Not applicable to a New record		ISIN
	Last Update Date Time	DtTm	D	2021-05-06T03:55:40	YYYY-MM-DDThh:mm:ss		ISIN
	Classification Type	String	D	STKCXC	See CRF (Derivations)	ISO 10962: 2015	ISIN
Derived Section	Short Name	String	D	NA/Swap METL LEAD	See CRF (Derivations)	ISO 18774: 2015	NEW
Derived Section	Underlying Asset Type	String	D	Metals	See CRF (Derivations)	CFI:2015 Char#3 (ST****)	ISIN
	CFI Delivery Type	String	D	Cash	See CRF (Derivations)	CFI:2015 Char#6 (ST****)	NEW

Product Definition	finition					
Attributes	See Template Layout (abo	ve).				
Validation	 Base Product / Sub Product / Additional Sub Product The user inputs the Base Product, Sub Product and Additional Sub Product in such order. No default value set for Sub Product and Additional Sub Product. Sub Product and Additional Sub Product enumerated list is dependent on the input Base Product (refer to Appendix 1 & 2 below). If Sub Product or Additional Sub Product does not have a corresponding value, attribute(s) will be removed. 					
Normalization	Not Required.					
Attribute Data Dictionary	This section provides the exact reference or source of the attribute.					
Dictionary	Full Name	Source	Туре			
	Delivery Type	ISO 20022 FinancialInstrumentReportingReferenceDataReportV01	Enums [CASH; PHYS; OPTL]			
	CFI Delivery Type	ISO 10962 Classification of financial instruments (CFI code)	Enums [Cash; Physical; Elect at Settlement]			
	Reference Rate	ISDA Taxonomy 2.0	Max350Text (based on string) minLength: 1 maxLength: 350			
	Base Product	RTS23 (EU 2017/585) Table 2	Max35Text (based on string)			
	Sub Product	Note: Please see Appendix 1 & 2 below for the complete list	minLength: 1			
	Additional Sub Product	of values and their corresponding product codes.	maxLength: 35			
	Return or Payout Trigger	ISO 10962 Classification of financial instruments (CFI code)	Enums [Contract for Difference (CFD); Total Return]			

Derivation	This section pro	vides additional details to the derivation logic specified in the Template Layout sections (above).
	Classification Type	Concatenation of the following attributes/values: • Instrument Type: "S" • Asset Class: "T" • Underlying Asset Type: Derived.UnderlyingAssetType - Agriculture → A - Energy → J - Environmental → N - Freight → G - Fertilizer → S - Metals → K - Multi Commodity → Q - Paper → T - Polypropylene Products → P - Other → M • Return or Payout Trigger: from Request.ReturnorPayoutTrigger Contract for Difference (CFD) → C - Total Return → T • Not applicable/undefined: "X" • Delivery Type: from Request.DeliveryType CASH → C - PHYS → P - OPTL → E
	Short Name	E.g.: "STKCXC" Concatenation of the following attributes/values:
		 Instrument Type: "Swap" (fixed value) Base Product: from Request.BaseProduct AGRI → AGRI NRGY → NRGY ENVR → ENVR FRGT → FRGT FRTL → FRTL INDP → INDP INFL → INFL OEST → OEST METL → MCEX → MCEX PAPR → PAPR POLY → POLY OTHC → OTHC OTHR → OTHR Additional Sub Product: from Request.AdditionalSubProduct Note: Please see Appendix 1 & 2 below for the complete list of values and its corresponding product code. Short Name concatenation does not include Sub Product. E.g.: "NA/Swap METL LEAD" Note: The Short Name is based on the OTC ISIN that excludes the following fields: Notional Currency Expiry Date
	Underlying Asset Type	Derived from the input Base Product • $AGRI \rightarrow$ "Agriculture" • $NRGY \rightarrow$ "Energy" • $ENVR \rightarrow$ "Environmental" • $FRGT \rightarrow$ "Freight" • $FRTL \rightarrow$ "Fertilizer" • $INDP \rightarrow$ "Other" • $OEST \rightarrow$ "Other"

		• METL -	\rightarrow	"Metals"				
		MCEX	•	"Multi Commodity" "Paper" "Polypropylene Products"				
		• PAPR -						
		 POLY - OTHC - 		"Other"	ne Products			
		• OTHR		"Other"				
	CFI Delivery	Derived from the		y Type Cash"				
	.,,,,,	PHYS -	-	Physical"				
		OPTL -		Elect at Settle	ment"			
GUI Details The following section provides display information for any attributes (and values) that ISIN definition.					butes (and values) that are no	t included in the related OTC		
	Attribute	Display Name	Tool Tip (and	value elabora	tion)			
	Underlier ID	Underlier ID		ontract or, in th	to determine the asset(s), index e case of a foreign exchange deri			
	Underlier ID Source	Underlier ID Source	The origin, or p	publisher, of the	e associated underlier ID.			
	UPI	Identification	Unique Produc	ct Identifier (ISC	9 4914).			
	CFI Delivery Type	CFI Delivery Type	1	ype as defined loy CFI Code: ISO	by CFI code: ISO 10962 10962			
Additional Infor	mation							
Reference	References to exe		can be found o	n the DSB we	bsite at this address [https://v	www.anna-dsb.com/upi-		
Comments	Instrum Codeset ISDACor The Unc Product There is	ent Type) for Rates name for Commo nmoditiesReferend lerlying Asset Type selected in the red a difference in the	s and Commod dities Reference ceRate.json. e for Commodi quest template naming conve	ities has "NA/ ce Rate must b ties.Swap.Swa in accordance ntion of Sub P	the Short Name abbreviation (Is "Swap" whereas Equity has "Note amended from FpmlComm ap template is defined accord the with DSB OTC ISIN behaviou the roduct and Additional Sub Pro- tre the UPI will align with DSB (Island)	IA/Swaps". oditiesReferenceRate.json to ing to its corresponding Base r. oduct between ISO 20022 and		
ISO 4914	ISO 4914				Request Attribute	Record Attribute		
Equivalence	Asset Class							
				М	Ass	set Class		
	Instrument ty	/pe		M M		set Class ment Type		
		<u> </u>		М	Instru			
	Instrument ty Delivery type	<u> </u>				ment Type		
	Delivery type	<u> </u>	ut trigger	М	Instru Delivery Type	ment Type Delivery Type		
	Delivery type		ut trigger	M	Instru Delivery Type	ment Type Delivery Type CFI Delivery Type		
	Delivery type Return, pricir	ng method or payo	ut trigger	M M	Delivery Type Return or Pa	ment Type Delivery Type CFI Delivery Type ayout Trigger		
	Delivery type Return, pricir Underlier ID	ng method or payo	ut trigger	M M M	Delivery Type Return or Pa Underlier ID Underlier ID Source	ment Type Delivery Type CFI Delivery Type ayout Trigger Reference Rate		
	Delivery type Return, pricir Underlier ID Underlier ID Underlier typ	ng method or payo	ut trigger	M M M C	Delivery Type Return or Pa Underlier ID Underlier ID Source Base	Delivery Type CFI Delivery Type ayout Trigger Reference Rate Not Required		

Appendix 1

Below is the limited set of enumerations based on RTS 23 (EU 2017/585) Table 2 to support the following entries:

Base Product	Code	Sub Product	Code	Additional Sub Product	Code
Agricultural	AGRI	GrainOilSeed	GROS	FeedWheat	FWHT
				Soybeans	SOYB
				Rapeseed	RPSD
				Other	OTHR
				Maize	CORN
				Rice	RICE
		Dairy	DIRY		
		Forestry	FRST		
		Livestock	LSTK		
		Seafood	SEAF		
		Soft	SOFT	RobustaCoffee	ROBU
				Cocoa	CCOA
				RawSugar	BRWN
				WhiteSugar	WHSG
				Other	OTHR
		OliveOil	OOLI	Lampante	LAMP
		Potato	POTA		
		Grain	GRIN	MillingWheat	MWHT
Energy	NRGY	Coal	COAL		
		Distillates	DIST		
		InterEnergy	INRG		
		LightEnd	LGHT		
		RenewableEnergy	RNNG		
		Electricity	ELEC	Baseload	BSLD
				FinancialTransmissionRights	FITR
				PeakLoad	PKLD
				OffPeak	OFFP
				Other	OTHR
		NaturalGas	NGAS	GasPool	GASP
				LNG	LNGG
				NCG	NCGG
				TTF	TTFG
				NBP	NBPG
		Oil	OILP	Bakken	BAKK
				Biodiesel	BDSL
				Brent	BRNT
				BrentNX	BRNX
				Canadian	CNDA
				Condensate	COND
				Diesel	DSEL
				Dubai	DUBA
				ESPO	ESPO
				Ethanol	ETHA
				Fuel	FUEL
				FuelOil	FOIL
				Gasoil	GOIL
				Gasoline	GSLN
				HeatingOil	HEAT
				JetFuel	JTFL
				Kerosene	KERO
				LightLouisianaSweet	LLSO
				Mars	MARS
				Naphta	NAPH
				NGL	NGLO
				Tapis	TAPI
				WTI	WTIO
				Urals	URAL

Base Product	Code	Sub Product	Code	Additional Sub Product	Code
Environmental	ENVR	Emissions	EMIS	CER	CERE
				ERU	ERUE
				EUA	EUAE
				EUAA	EUAA
				Other	OTHR
		CarbonRelated	CRBR		
		Weather	WTHR		
Freight	FRGT	Dry	DRYF	DryBulkCarrier	DBCR
		Wet	WETF	Tanker	TNKR
		ContainerShip	CSHP		
Fertilizer	FRTL	Ammonia	AMMO		
		DiammoniumPhosphate	DAPH		
		Potash	PTSH		
		Sulphur	SLPH		
		Urea	UREA		
		UreaAndAmmoniumNitrate	UAAN		
IndustrialProduct	INDP	Construction	CSTR		
		Manufacturing	MFTG		
Inflation	INFL				
OfficialEconomicStatistics	OEST				
Metal	METL	NonPrecious	NPRM	Aluminum	ALUM
				AluminumAlloy	ALUA
				Cobalt	CBLT
				Copper	COPR
				IronOre	IRON
				Molybdenum	MOLY
				NASAAC	NASC
				Nickel	NICK
				Steel	STEL
				Tin	TINN
				Zinc	ZINC
				Other	OTHR
				Lead	LEAD
		Precious	PRME	Gold	GOLD
				Other	OTHR
				Palladium	PLDM
				Platinum	PTNM
				Silver	SLVR
MultiCommodityExotic	MCEX				
Paper	PAPR	Containerboard	CBRD		
		Newsprint	NSPT		
		Pulp	PULP		
		RecoveredPaper	RCVP		
Polypropylene	POLY	Plastic	PLST		
OtherC10	OTHC	Deliverable	DLVR		
		NonDeliverable	NDLV		
Other	OTHR				

Appendix 2

Listed below are the corresponding enum_titles for each product code based on RTS 23 (EU 2017/585) Table 2:

Base Product	
enum_titles	enum
Agricultural[AGRI]	AGRI
Energy[NRGY]	NRGY
Environmental[ENVR]	ENVR
Freight[FRGT]	FRGT
Fertilizer[FRTL]	FRTL
IndustrialProduct[INDP]	INDP
Inflation[INFL]	INFL
Official Economic Statistics [OEST]	OEST
Metal[METL]	METL
MultiCommodityExotic[MCEX]	MCEX
Paper[PAPR]	PAPR
Polypropylene[POLY]	POLY
OtherC10[OTHC]	отнс
Other	OTHR

enum_titles enum GrainOilSeed[GROS] GROS Dairy[DIRY] DIRY Forestry[FRST] FRST Livestock[LSTK] LSTK Seafood[SEAF] SEAF Soft[SOFT] SOFT OliveOil[OOLI] OOLI Potato[POTA] POTA Grain[GRIN] GRIN Coal[COAL] COAL Distillates[DIST] DIST InterEnergy[INRG] INRG LightEnd[LGHT] LGHT RenewableEnergy[RNNG] RNNG Electricity[ELEC] ELEC NaturalGas[NGAS] NGAS Oil[OILP] OILP Emissions[EMIS] EMIS CarbonRelated[CRBR] CRBR Weather[WTHR] WTHR Dry[DRYF] DRYF Wet[WETF] CSHP Ammonia[AMMO] AMMO DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] SLPH Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN	Sub Product					
Dairy[DIRY] DIRY Forestry[FRST] FRST Livestock[LSTK] LSTK Seafood[SEAF] SEAF Soft[SOFT] SOFT OliveOil[OOLI] OOLI Potato[POTA] POTA Grain[GRIN] GRIN Coal[COAL] COAL Distillates[DIST] DIST InterEnergy[INRG] INRG LightEnd[LGHT] LGHT RenewableEnergy[RNNG] RNNG Electricity[ELEC] ELEC NaturalGas[NGAS] NGAS Oil[OILP] OILP Emissions[EMIS] EMIS CarbonRelated[CRBR] CRBR Weather[WTHR] WTHR Dry[DRYF] WETF ContainerShip[CSHP] CSHP Ammonia[AMMO] AMMO DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] DLVR	enum_titles	enum				
Forestry[FRST] FRST Livestock[LSTK] LSTK Seafood[SEAF] SEAF Soft[SOFT] SOFT OliveOil[OOLI] OOLI Potato[POTA] POTA Grain[GRIN] GRIN Coal[COAL] COAL Distillates[DIST] DIST InterEnergy[INRG] INRG LightEnd[LGHT] LGHT RenewableEnergy[RNNG] RNNG Electricity[ELEC] ELEC NaturalGas[NGAS] NGAS Oil[OILP] OILP Emissions[EMIS] EMIS CarbonRelated[CRBR] CRBR Weather[WTHR] WTHR Dry[DRYF] WETF ContainerShip[CSHP] CSHP Ammonia[AMMO] AMMO DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] UPEA Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] DLVR	GrainOilSeed[GROS]	GROS				
Livestock[LSTK] LSTK Seafood[SEAF] SEAF Soft[SOFT] SOFT OliveOil[OOLI] OOLI Potato[POTA] POTA Grain[GRIN] GRIN Coal[COAL] COAL Distillates[DIST] DIST InterEnergy[INRG] INRG LightEnd[LGHT] LGHT RenewableEnergy[RNNG] RNNG Electricity[ELEC] ELEC NaturalGas[NGAS] NGAS Oil[OILP] OILP Emissions[EMIS] EMIS CarbonRelated[CRBR] CRBR Weather[WTHR] WTHR Dry[DRYF] DRYF Wet[WETF] CSHP Ammonia[AMMO] AMMO DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] SLPH Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] DLVR	Dairy[DIRY]	DIRY				
Seafood[SEAF] SEAF Soft[SOFT] SOFT OliveOil[OOLI] OOLI Potato[POTA] POTA Grain[GRIN] GRIN Coal[COAL] COAL Distillates[DIST] DIST InterEnergy[INRG] INRG LightEnd[LGHT] LGHT RenewableEnergy[RNNG] RNNG Electricity[ELEC] ELEC NaturalGas[NGAS] NGAS Oil[OILP] OILP Emissions[EMIS] EMIS CarbonRelated[CRBR] CRBR Weather[WTHR] WTHR Dry[DRYF] DRYF Wet[WETF] CSHP Ammonia[AMMO] AMMO DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] SLPH Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] DLVR	Forestry[FRST]	FRST				
Soft[SOFT] SOFT OliveOil[OOLI] OOLI Potato[POTA] POTA Grain[GRIN] GRIN Coal[COAL] COAL Distillates[DIST] DIST InterEnergy[INRG] INRG LightEnd[LGHT] LGHT RenewableEnergy[RNNG] RNNG Electricity[ELEC] ELEC NaturalGas[NGAS] NGAS Oil[OILP] OILP Emissions[EMIS] EMIS CarbonRelated[CRBR] CRBR Weather[WTHR] WTHR Dry[DRYF] DRYF Wet[WETF] CSHP Ammonia[AMMO] AMMO DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] SLPH Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] DLVR	Livestock[LSTK]	LSTK				
OliveOil[OOLI] OOLI Potato[POTA] POTA Grain[GRIN] GRIN Coal[COAL] COAL Distillates[DIST] DIST InterEnergy[INRG] INRG LightEnd[LGHT] LGHT RenewableEnergy[RNNG] RNNG Electricity[ELEC] ELEC NaturalGas[NGAS] NGAS Oil[OILP] OILP Emissions[EMIS] EMIS CarbonRelated[CRBR] CRBR Weather[WTHR] WTHR Dry[DRYF] DRYF Wet[WETF] CSHP Ammonia[AMMO] AMMO DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] SLPH Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] DLVR	Seafood[SEAF]	SEAF				
Potato[POTA] POTA Grain[GRIN] GRIN Coal[COAL] COAL Distillates[DIST] DIST InterEnergy[INRG] INRG LightEnd[LGHT] LGHT RenewableEnergy[RNNG] RNNG Electricity[ELEC] ELEC NaturalGas[NGAS] NGAS Oil[OILP] OILP Emissions[EMIS] EMIS CarbonRelated[CRBR] CRBR Weather[WTHR] WTHR Dry[DRYF] DRYF Wet[WETF] CSHP Ammonia[AMMO] AMMO DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] SLPH Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] DLVR	Soft[SOFT]	SOFT				
Grain[GRIN] GRIN Coal[COAL] COAL Distillates[DIST] DIST InterEnergy[INRG] INRG LightEnd[LGHT] LGHT RenewableEnergy[RNNG] RNNG Electricity[ELEC] ELEC NaturalGas[NGAS] NGAS Oil[OILP] OILP Emissions[EMIS] EMIS CarbonRelated[CRBR] WHR Weather[WTHR] WTHR Dry[DRYF] DRYF Wet[WETF] CSHP Ammonia[AMMO] AMMO DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] SLPH Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] PRME Containerboard[CBRD] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] DLVR	OliveOil[OOLI]	OOLI				
Coal[COAL] COAL Distillates[DIST] DIST InterEnergy[INRG] INRG LightEnd[LGHT] LGHT RenewableEnergy[RNNG] RNNG Electricity[ELEC] ELEC NaturalGas[NGAS] NGAS Oil[OILP] OILP Emissions[EMIS] EMIS CarbonRelated[CRBR] CRBR Weather[WTHR] WTHR Dry[DRYF] DRYF Wet[WETF] CSHP Ammonia[AMMO] AMMO DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] SLPH Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] PRME Containerboard[CBRD] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] DLVR	Potato[POTA]	POTA				
Distillates[DIST] DIST InterEnergy[INRG] INRG LightEnd[LGHT] LGHT RenewableEnergy[RNNG] RNNG Electricity[ELEC] ELEC NaturalGas[NGAS] NGAS Oil[OILP] OILP Emissions[EMIS] EMIS CarbonRelated[CRBR] CRBR Weather[WTHR] WTHR Dry[DRYF] DRYF Wet[WETF] CSHP Ammonia[AMMO] AMMO DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] SLPH Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] PRME Containerboard[CBRD] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] Deliverable[DLVR] DLVR	Grain[GRIN]	GRIN				
InterEnergy[INRG] INRG LightEnd[LGHT] LGHT RenewableEnergy[RNNG] RNNG Electricity[ELEC] ELEC NaturalGas[NGAS] NGAS Oil[OILP] OILP Emissions[EMIS] EMIS CarbonRelated[CRBR] WHR Weather[WTHR] WTHR Dry[DRYF] DRYF Wet[WETF] CSHP Ammonia[AMMO] AMMO DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] SLPH Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] CHBD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] DLVR	Coal[COAL]	COAL				
LightEnd[LGHT] LGHT RenewableEnergy[RNNG] RNNG Electricity[ELEC] ELEC NaturalGas[NGAS] NGAS Oil[OILP] OILP Emissions[EMIS] EMIS CarbonRelated[CRBR] CRBR Weather[WTHR] WTHR Dry[DRYF] DRYF Wet[WETF] CONTAINERS CSHP Ammonia[AMMO] AMMO DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] SLPH Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] CONTAINERS NEWSPT NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] DLVR	Distillates[DIST]	DIST				
RenewableEnergy[RNNG] RNNG Electricity[ELEC] ELEC NaturalGas[NGAS] NGAS Oil[OILP] OILP Emissions[EMIS] EMIS CarbonRelated[CRBR] CRBR Weather[WTHR] WTHR Dry[DRYF] DRYF Wet[WETF] CONTAINERS AMMO Diammonia[AMMO] AMMO Diammonia[AMMO] DAPH Potash[PTSH] SLPH Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] CRBD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] DLVR	InterEnergy[INRG]	INRG				
Electricity[ELEC] ELEC NaturalGas[NGAS] NGAS Oil[OILP] OILP Emissions[EMIS] EMIS CarbonRelated[CRBR] CRBR Weather[WTHR] WTHR Dry[DRYF] DRYF Wet[WETF] CSHP Ammonia[AMMO] AMMO DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] SLPH Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] DLVR	LightEnd[LGHT]	LGHT				
NaturalGas[NGAS] NGAS Oil[OILP] OILP Emissions[EMIS] EMIS CarbonRelated[CRBR] CRBR Weather[WTHR] WTHR Dry[DRYF] DRYF Wet[WETF] WETF ContainerShip[CSHP] CSHP Ammonia[AMMO] AMMO DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] SLPH Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[PRME] PRME Containerboard[CBRD] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] DLVR	RenewableEnergy[RNNG]	RNNG				
Oil[OILP] OILP Emissions[EMIS] EMIS CarbonRelated[CRBR] CRBR Weather[WTHR] WTHR Dry[DRYF] DRYF Wet[WETF] WETF ContainerShip[CSHP] CSHP Ammonia[AMMO] AMMO DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] SLPH Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] DLVR	Electricity[ELEC]	ELEC				
Emissions[EMIS] EMIS CarbonRelated[CRBR] CRBR Weather[WTHR] WTHR Dry[DRYF] DRYF Wet[WETF] WETF ContainerShip[CSHP] CSHP Ammonia[AMMO] AMMO DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] SLPH Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] DLVR	Natural Gas [NGAS]	NGAS				
CarbonRelated[CRBR] CRBR Weather[WTHR] WTHR Dry[DRYF] DRYF Wet[WETF] WETF ContainerShip[CSHP] CSHP Ammonia[AMMO] AMMO DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] SLPH Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] PRME Containerboard[CBRD] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] DLVR	Oil[OILP]	OILP				
Weather[WTHR] WTHR Dry[DRYF] DRYF Wet[WETF] WETF ContainerShip[CSHP] CSHP Ammonia[AMMO] AMMO DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] SLPH Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] PRME Containerboard[CBRD] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] DLVR	Emissions[EMIS]	EMIS				
Dry[DRYF] DRYF Wet[WETF] WETF ContainerShip[CSHP] CSHP Ammonia[AMMO] AMMO DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] PTSH Sulphur[SLPH] UREA Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] PRME Containerboard[CBRD] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] DLVR	CarbonRelated[CRBR]	CRBR				
Wet[WETF] WETF ContainerShip[CSHP] CSHP Ammonia[AMMO] AMMO DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] PTSH Sulphur[SLPH] UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] PRME Containerboard[CBRD] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] DLVR	Weather[WTHR]	WTHR				
ContainerShip[CSHP] CSHP Ammonia[AMMO] AMMO DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] PTSH Sulphur[SLPH] SLPH Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] PRME Containerboard[CBRD] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] DLVR	Dry[DRYF]	DRYF				
Ammonia[AMMO] AMMO DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] PTSH Sulphur[SLPH] SLPH Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] PRME Containerboard[CBRD] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] PLST Deliverable[DLVR]	Wet[WETF]	WETF				
DiammoniumPhosphate[DAPH] DAPH Potash[PTSH] PTSH Sulphur[SLPH] SLPH Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] PRME Containerboard[CBRD] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] PLST Deliverable[DLVR] DLVR	ContainerShip[CSHP]	CSHP				
Potash[PTSH] PTSH Sulphur[SLPH] SLPH Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] PRME Containerboard[CBRD] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] PLST Deliverable[DLVR] DLVR	Ammonia[AMMO]	AMMO				
Sulphur[SLPH] SLPH Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] PRME Containerboard[CBRD] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] PLST Deliverable[DLVR] UREA	Diammonium Phosphate [DAPH]	DAPH				
Urea[UREA] UREA UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] PRME Containerboard[CBRD] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] PLST Deliverable[DLVR] UAAN UVAAN UREA UREA UREA UREA UREA UREA UREA URE	Potash[PTSH]	PTSH				
UreaAndAmmoniumNitrate[UAAN] UAAN Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] PRME Containerboard[CBRD] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] PLST Deliverable[DLVR] DLVR	Sulphur[SLPH]	SLPH				
Construction[CSTR] CSTR Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] PRME Containerboard[CBRD] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] PLST Deliverable[DLVR] DLVR	Urea[UREA]	UREA				
Manufacturing[MFTG] MFTG NonPrecious[NPRM] NPRM Precious[PRME] PRME Containerboard[CBRD] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] PLST Deliverable[DLVR] DLVR	UreaAndAmmoniumNitrate[UAAN]	UAAN				
NonPrecious[NPRM] NPRM Precious[PRME] PRME Containerboard[CBRD] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] PLST Deliverable[DLVR] DLVR	Construction[CSTR]	CSTR				
Precious[PRME] PRME Containerboard[CBRD] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] PLST Deliverable[DLVR] DLVR	Manufacturing[MFTG]	MFTG				
Containerboard[CBRD] CBRD Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] PLST Deliverable[DLVR] DLVR	NonPrecious[NPRM]	NPRM				
Newsprint[NSPT] NSPT Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] PLST Deliverable[DLVR] DLVR	Precious[PRME]	PRME				
Pulp[PULP] PULP RecoveredPaper[RCVP] RCVP Plastic[PLST] PLST Deliverable[DLVR] DLVR	Containerboard[CBRD]	CBRD				
RecoveredPaper[RCVP] RCVP Plastic[PLST] PLST Deliverable[DLVR] DLVR	Newsprint[NSPT]	NSPT				
Plastic[PLST] PLST Deliverable[DLVR] DLVR	Pulp[PULP]	PULP				
Deliverable[DLVR] DLVR	RecoveredPaper[RCVP]	RCVP				
	Plastic[PLST]	PLST				
NonDeliverable[NDLV] NDLV	Deliverable[DLVR]	DLVR				
	NonDeliverable[NDLV]	NDLV				

Additional Sub Product					
enum_titles	enum				
FeedWheat[FWHT]	FWHT				
Soybeans[SOYB]	SOYB				
Rapeseed[RPSD]	RPSD				
Other[OTHR]	OTHR				
Maize[CORN]	CORN				
Rice[RICE]	RICE				
RobustaCoffee[ROBU]	ROBU				
Cocoa[CCOA]	CCOA				
RawSugar[BRWN]	BRWN				
WhiteSugar[WHSG]	WHSG				
Other[OTHR]	OTHR				
Lampante[LAMP]	LAMP				
MillingWheat[MWHT]	MWHT				
BaseLoad[BSLD]	BSLD				
FinancialTransmissionRights[FITR]	FITR				
PeakLoad[PKLD]	PKLD				
OffPeak[OFFP]	OFFP				
Other[OTHR]	OTHR				
GasPool[GASP]	GASP				
LNG[LNGG]	LNGG				
NCG[NCGG]	NCGG				
TTF[TTFG]	TTFG				
NBP[NBPG]	NBPG				
Bakken[BAKK]	BAKK				
Biodiesel[BDSL]	BDSL				
Brent[BRNT]	BRNT				
BrentNX[BRNX]	BRNX				
Canadian[CNDA]	CNDA				
Condensate [COND]	COND				
Diesel[DSEL]	DSEL				
Dubai[DUBA]	DUBA				
ESPO[ESPO]	ESPO				
Ethanol[ETHA]	ETHA				
Fuel[FUEL]	FUEL				
FuelOil[FOIL]	FOIL				
Gasoil[GOIL]	GOIL				
Gasoline[GSLN]	GSLN				
HeatingOil[HEAT]	HEAT				
JetFuel[JTFL]	JTFL				
Kerosene[KERO]	KERO				

Additional Sub Product					
enum_titles	enum				
LightLouisianaSweet[LLSO]	LLSO				
Mars[MARS]	MARS				
Naphta[NAPH]	NAPH				
NGL[NGLO]	NGLO				
Tapis[TAPI]	TAPI				
WTI[WTIO]	WTIO				
Urals[URAL]	URAL				
CER[CERE]	CERE				
ERU[ERUE]	ERUE				
EUA[EUAE]	EUAE				
EUAA[EUAA]	EUAA				
Other[OTHR]	OTHR				
DryBulkCarrier[DBCR]	DBCR				
Tanker[TNKR]	TNKR				
Aluminium[ALUM]	ALUM				
AluminiumAlloy[ALUA]	ALUA				
Cobalt[CBLT]	CBLT				
Copper[COPR]	COPR				
IronOre[IRON]	IRON				
Molybdenum[MOLY]	MOLY				
NASAAC[NASC]	NASC				
Nickel[NICK]	NICK				
Steel[STEL]	STEL				
Tin[TINN]	TINN				
Zinc[ZINC]	ZINC				
Other[OTHR]	OTHR				
Lead[LEAD]	LEAD				
Gold[GOLD]	GOLD				
Other[OTHR]	OTHR				
Palladium[PLDM]	PLDM				
Platinum[PTNM]	PTNM				
Silver[SLVR]	SLVR				

Appendix 3

Naming convention differences between RTS 23 (EU 2017/585) Table 2 and the DSB OTC ISIN.

Base Product	ISO 2	0022	RTS23	DSB OTC ISIN	
base Product	Sub Product				
Agricultural	GrainOilSeed	GrainOilSeeds	Grains and Oil Seeds	GrainOilSeed	
	Soft	Softs	Softs	Soft	
Energy	LightEnd	LightEnds	Light Ends	LightEnd	
	Carbon	Carbon	-	-	
Environmental	Emissions	Emission	Emissions	Emissions	
Fertilizer	UreaAndAmmoniumNitrate	UreaAndAmmoniumNitrite	Urea and Ammonium Nitrate	UreaAndAmmoniumNitrate	
Freight	ContainerShip	ContainerShip	Container Ships	ContainerShip	
OtherC10	Deliverable	Deliverable	-	Deliverable	
	NonDeliverable	NonDeliverable	-	NonDeliverable	

Sub Product	ISO 20022		RTS23	DSB OTC ISIN
	Additonal Sub Product			
Dry	DryBulkCarrier	DryBulkCarrier	Dry bulk carriers	DryBulkCarrier