

Derivatives Service Bureau
CHANGE REQUEST FORM

Title		CMDTY : Single Index Swap : New template request		
Background	<p>The Commodity Taskforce has recommended the creation of a set of new templates (Swap, Option, Forward) that will allow the user to generate Commodity ISINs based on a single underlying index (Instrument or Prop).</p> <p>The template will allow the definition of a single, asset-specific Base Product (eg: Energy, Agriculture) – in line with the values defined in ISO 20022 (and RTS23) – but excluding the value for Multi-Commodity Exotic (MCEX).</p> <p>Other attributes will be based on the existing Commodity templates.</p> <p>This CRF is linked to ISS-714 and ISS-715.</p>		DSB-ID	ISS-713
			Type	New Template
			Owner	DSB Secretariat
			Version	1
			State	Final
Change Details	Attributes	See Template Definition (below)		
	Validation	Notional Currency	A valid ISO 4217 Currency Code (3 character)	
		Expiry Date	A valid date in the format YYYY-MM-DD	
		Base Product	<p>The following ISO20022 values are valid (one of): AGRI, NRGY, ENVR, FRGT, FRTL, INDP, INFL, OEST, METL, PAPR, POLY, OTHC, OTHR.</p> <p>Please note that the above list excludes: MCEX.</p>	
		Underlying Instrument Index	<p>Valid Values:</p> <ul style="list-style-type: none"> • OTHER <p>The template will not accept a value in this attribute if Underlying Instrument Index Prop is populated.</p>	
		Underlying Instrument Index Prop	<p>This attribute will accept one valid Proprietary Index (including the Institution Prefix) where the Index Asset Class is Commodities or Other.</p> <p>The template will not accept a value in this attribute if Underlying Instrument Index is populated.</p>	
		Return or Payout Trigger	<p>Valid Values (one of)</p> <ul style="list-style-type: none"> • Contract for Difference (CFD) • Total Return 	
		Delivery Type	<p>Valid Values (one of):</p> <ul style="list-style-type: none"> • CASH: Cash • PHYS: Physical • OPTL: Elect At Settlement 	
		Transaction Type	<p>Valid Values (one of):</p> <ul style="list-style-type: none"> • FUTR, OPTN, TAPO, SWAP, MINI, OTCT, ORIT, CRCK, DIFF, OTHR 	
	Final Price Type	<p>Valid Values (one of):</p> <ul style="list-style-type: none"> • ARGM, BLTC, EXOF, GBCL, IHSM, PLAT, OTHR 		

	Normalisation	Not Applicable		
	Defaults	Price Multiplier	Default Value: <ul style="list-style-type: none"> • 1 	
	Derivations	Full Name	Concatenation of the following attributes: <ul style="list-style-type: none"> • Asset Class • Instrument Type • Use Case • Base Product • ISO Underlying Instrument Index • Notional Currency • Expiry Date E.g.: "Commodities Swap Single Index AGRI OTHER USD 20190322"	
		Classification Type	Concatenation of CFI values for: <ul style="list-style-type: none"> • Instrument Type: "S" • Asset Class: "T" • Underlying Asset Type: "I" • Return or Payout Trigger: Variable • No attribute: "X" • Delivery Type: Variable 	
		Commodity Derivative Ind.	Set to "TRUE"	
		Short Name	Concatenation of the following attributes/values: <ul style="list-style-type: none"> • Issuer: "NA/" • Instrument Type: "Swap" • Base Product • Notional Currency • Expiry Date (YYYYMMDD) E.g.: "NA/Swap AGRI USD 20190322" (max. 25 chars)	
		ISO Underlying Instrument Index	Set to value of: <ul style="list-style-type: none"> • Underlying Instrument Index: "OTHER" Or <ul style="list-style-type: none"> • Underlying Instrument Index Prop If the latter, the Institution Prefix will be removed.	
		Sub Product	Set to <Null>	
		Additional Sub Product	Set to <Null>	
		Underlying Asset Type	Set to: "I" (Index)	
		Underlying Instrument Index Term Value	Set to: "0" (Zero)	
		Underlying Instrument Index Term Unit	Set to: "DAYS"	
	Template Names	Request.Commodities.Swap.Single_Index.InstRefDataReporting		

	Commodities.Swap.Single_Index.InstRefDataReporting.V1
Use Cases	<p>Valid Request:</p> <ul style="list-style-type: none"> All valid attribute combinations Price Multiplier defaulted and not defaulted <p>Invalid Request:</p> <ul style="list-style-type: none"> All invalid attribute combinations. Including: <ul style="list-style-type: none"> Invalid Enumerated Values Base Product = MCEX Underlying Instrument Index and Underlying Instrument Index Prop Underlying Instrument Index not = OTHER Underlying Instrument Index Prop not = Asset Class Index of Commodities or Other

Template Definition

Section	ISO Attributes	NATIVE ISO Example Values	ESMA Mapping	Type	M/O
Product Definition Selection	Asset Class	T - Commodities	CFI/2nd letter	Enum	M
	Instrument Type	S - Swap	CFI/1st letter	Enum	M
	Product	Single_Index		Enum	M
	Level	InstRefDataReporting		Enum	D
Product Definition Input	Notional Currency	GBP	RTS23/Field13	Enum	M
	Expiry date	2017-12-31	RTS23/Field24	String	M
	Base Product	eg: NRGY, AGRI	RTS23/Field35	Enum	M
	Underlying Instrument Index	<i>Optional</i> : OTHER	RTS23/Field28	Array	O
	Underlying Instrument Index Prop	<i>Optional</i>	DSB	Array	O
	Return or Payout Trigger	C - Contract for Difference	CFI/4th Swaps/5th Fwds	Enum	M
	Delivery type	C - CASH	RTS23/Field34; CFI/6th letter	Enum	M
	Transaction Type	SWAP	RTS23/Field38	Enum	M
Final Price type	OTHR	RTS23/Field39	Enum	M	
Defaulted Input	Price Multiplier	1	RTS23/Field25	Number	F
Product Definition Derived	ISIN Status	New	DSB	String	D
	Parent	<null>	DSB	String	D
	Status Reason		DSB	String	D
	Last Update DateTime	2017-07-31T12:00:00	DSB	String	D
	Version	1	DSB	String	D
	Identification	ISIN	RTS23/Field1	String	D
	Full Name	Commodities Swap Single_Index NRGY OTHER GBP 20171231	RTS23/Field2	String	D
	Classification Type	STICXC	RTS23/Field3	String	D
	Commodity Derivative Indicator	TRUE	RTS23/Field4	String	D
	Issuer or operator of the trading venue identifier	NA	RTS23/Field5	String	D
	Short Name	NA/Swap AGRI GBP 20171231	RTS23/Field7	String	D
	ISO Underlying Instrument Index	OTHER or Prop Index	RTS23/Field28	String	D
	Sub Product	<null>	RTS23/Field36	String	D
	Additional Sub Product	<null>	RTS23/Field37	String	D
	Underlying Asset type	I - Index	CFI/3rd letter	String	D
Underlying Instrument Index Term Value	0	RTS23/Field29	String	D	
Underlying Instrument Index Term Unit	DAYS	RTS23/Field29	String	D	

Change History

Version	State	Author	Date	Description
1	Final	DSB Secretariat	13 May 2019	Published