

Derivatives Service Bureau  
**CHANGE REQUEST FORM**

Title	RATES : Inflation Fixed Float Zero Coupon : New Template																																			
<b>Background</b>	<p>A new template is required to support an Inflation Fixed Float Zero Coupon swap within the Rates asset class. This has been proposed by ISDA in order to bring the DSB templates into line with their taxonomy.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #cccccc;">16</td> <td style="background-color: #cccccc;">Interest Rate</td> <td style="background-color: #cccccc;">Inflation</td> <td></td> <td></td> </tr> <tr> <td style="background-color: #cccccc;">17</td> <td style="background-color: #cccccc;">Interest Rate</td> <td style="background-color: #cccccc;">Inflation Swap</td> <td style="background-color: #cccccc;">Fixed Float</td> <td style="background-color: #cccccc;">Year On Year</td> </tr> <tr> <td style="background-color: #cccccc;">18</td> <td style="background-color: #cccccc;">Interest Rate</td> <td style="background-color: #cccccc;">Inflation Swap</td> <td style="background-color: #cccccc;">Fixed Float</td> <td style="background-color: #cccccc;">Zero Coupon</td> </tr> <tr> <td style="background-color: #cccccc;">19</td> <td style="background-color: #cccccc;">Interest Rate</td> <td style="background-color: #cccccc;">Inflation Swap</td> <td style="background-color: #cccccc;">Basis</td> <td style="background-color: #cccccc;">Year On Year</td> </tr> <tr> <td style="background-color: #cccccc;">20</td> <td style="background-color: #cccccc;">Interest Rate</td> <td style="background-color: #cccccc;">Inflation Swap</td> <td style="background-color: #cccccc;">Basis</td> <td style="background-color: #cccccc;">Zero Coupon</td> </tr> <tr> <td style="background-color: #cccccc;">21</td> <td style="background-color: #cccccc;">Interest Rate</td> <td style="background-color: #cccccc;">Inflation CapFloor</td> <td style="background-color: #cccccc;">Fixed Float</td> <td style="background-color: #cccccc;">Year On Year</td> </tr> </table> <p>The template will be based on the Inflation Fixed Float YoY template - accepting the same values (including underlying reference rates) and deriving the same CFI code.</p>				16	Interest Rate	Inflation			17	Interest Rate	Inflation Swap	Fixed Float	Year On Year	18	Interest Rate	Inflation Swap	Fixed Float	Zero Coupon	19	Interest Rate	Inflation Swap	Basis	Year On Year	20	Interest Rate	Inflation Swap	Basis	Zero Coupon	21	Interest Rate	Inflation CapFloor	Fixed Float	Year On Year	JIRA	<b>DSB-003</b>
					16	Interest Rate	Inflation																													
					17	Interest Rate	Inflation Swap	Fixed Float	Year On Year																											
					18	Interest Rate	Inflation Swap	Fixed Float	Zero Coupon																											
					19	Interest Rate	Inflation Swap	Basis	Year On Year																											
					20	Interest Rate	Inflation Swap	Basis	Zero Coupon																											
21	Interest Rate	Inflation CapFloor	Fixed Float	Year On Year																																
Type	Template																																			
Owner	S. Wiltshire																																			
Version	3																																			
State	Final																																			
<b>Change Details</b>	Attributes	See Template Definition (below)																																		
	Validation	<p>The validation of all input attributes for this template will follow the validation used for the <b><u>Rates.Swap.Inflation Fixed Float YoY</u></b> template.</p> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>The template includes the use of the “By Tenor” and “By Effective Date” to support Term of Contract (Field 41) functionality.</li> <li>The Reference Rate attribute accepts input entries from the <u>RATES CPI Index Table</u> (eg: EUR-AI-CPI)</li> </ul>																																		
	Normalisation	The normalisation of all input attributes for this template will follow the normalisation used for the <b><u>Rates.Swap.Inflation Fixed Float YoY</u></b> template.																																		
	Defaults	The default values used for input attributes for this template should follow the functionality used for the <b><u>Rates.Swap.Inflation Fixed Float YoY</u></b> template.																																		
	Derivations	Unless otherwise stated, the derivation of attributes for this template will follow the derivation used for the <b><u>Rates.Swap.Inflation Fixed Float YoY</u></b> (v2) template.																																		

		Full Name	Concatenation of the following attributes: <ul style="list-style-type: none"> <li>• Asset Class</li> <li>• Instrument Type</li> <li>• Use Case</li> <li>• Term of Contract Value</li> <li>• Term of Contract Unit</li> <li>• Reference Rate</li> <li>• Term Value</li> <li>• Term Unit</li> <li>• Expiry Date (YYYYMMDD)</li> </ul> E.g.: "Rates Swap Inflation_Fixed_Float_Zero_Coupon 5 YEAR EUR-AI-CPI 6MNTH 20211231"
		Classification Type	Concatenation of CFI values for: <ul style="list-style-type: none"> <li>• Instrument Type: "S"</li> <li>• Asset Class: "R"</li> <li>• Underlying Asset Type: "G"</li> <li>• Notional: Variable</li> <li>• Single or Multi-Currency: "S"</li> <li>• Delivery Type: Variable</li> </ul>
		Short Name	Concatenation of the following attributes/values: <ul style="list-style-type: none"> <li>• Issuer: "NA/"</li> <li>• Instrument Type: "Swap"</li> <li>• Underlying Asset Type</li> <li>• Notional Currency</li> <li>• Expiry Date (YYYYMMDD)</li> </ul> E.g.: "NA/Swap Infl Idx EUR 20211231" (max. 25 chars)
		ISO Reference Rate	Set to value of: <ul style="list-style-type: none"> <li>• Reference Rate</li> </ul>
		Underlying Asset Type	Set to value of: <ul style="list-style-type: none"> <li>• "G" (Inflation rate index)</li> </ul>
		Single or Multi Currency	Set to value of: <ul style="list-style-type: none"> <li>• "S" (Single Currency)</li> </ul>
<b>Template Names</b>	Request.Rates.Swap.Inflation_Fixed_Float_Zero_Coupon.InstRefDataReporting.json Rates.Swap.Inflation_Fixed_Float_Zero_Coupon.InstRefDataReporting.V1.json		
<b>Use Cases</b>	Valid Request: <ul style="list-style-type: none"> <li>• All valid attribute combinations.</li> </ul> Invalid Request: <ul style="list-style-type: none"> <li>• All invalid attribute combinations.</li> </ul>		
<b>Documentation</b>	The following DSB documents are to be updated: <ul style="list-style-type: none"> <li>• DSB UAT Annex 1 Rates (link to be provided)</li> <li>• DSB PROD Annex 1 Rates (link to be provided)</li> </ul>		

## TEMPLATE DEFINITION

	ISO Attribute	NATIVE ISO Example Values	ESMA Mapping	CFI Ref
Product Definition Selection	Asset Class	R – Rates	CFI/2nd letter	<a href="#">Group</a>
	Instrument Type	S – Swap	CFI/1st letter	<a href="#">Category</a>
	Product	Inflation_Fixed_Float_Zero_Coupon		
	Level	InstRefDataReporting		
Product Definition Input	<b>By Effective Date ▼</b>			
	Notional Currency	EUR	RTS23/Field13	
	Expiry date	2021-12-31	RTS23/Field24	
	Effective Date	2020-12-31	DSB	Input Only
	Expiry Date Adjusted	FALSE	DSB	Input Only
	Tenor Calculator Method	ESMA	DSB	Input Only
	Term of Contract Value	5	RTS23/Field41	Output Only
	Term of Contract Unit	YEAR	RTS23/Field41	Output Only
	Reference Rate	EUR-AI-CPI	DSB	
	Reference Rate Term Value	6	RTS23/Field29	
	Reference Rate Term Unit	MNTH	RTS23/Field29	
	Notional Schedule	C – Constant	CFI/4th Letter	<a href="#">Att#2</a>
	<b>By Tenor ▼</b>			
	Notional Currency	EUR	RTS23/Field13	
	Expiry date	2021-12-31	RTS23/Field24	
	Term of Contract Value	5	RTS23/Field41	
	Term of Contract Unit	YEAR	RTS23/Field41	
	Reference Rate	EUR-AI-CPI	DSB	
	Reference Rate Term Value	6	RTS23/Field29	
	Reference Rate Term Unit	MNTH	RTS23/Field29	
Notional Schedule	C – Constant	CFI/4th Letter	<a href="#">Att#2</a>	
Defaulted Input	Price Multiplier	1	RTS23/Field25	
	Delivery type	P – PHYS	RTS23/Field34; CFI/6th letter	<a href="#">Att#4</a>
Product Definition Derived	ISIN Status	New	DSB	
	Status Reason		DSB	
	Last Update DateTime	2017-07-31T12:00:00	DSB	
	Version	2	DSB	
	Parent	<null>	DSB	
	Identification	EZ1234567891	RTS23/Field1	
	Full Name	Rates Swap Inflation_Fixed_Float_Zero_Coupon 5 YEAR EUR-AI-CPI 6MNTH 20211231	RTS23/Field2	
	Classification Type	SRGCSP	RTS23/Field3	
	Commodity Derivative Indicator	FALSE	RTS23/Field4	
	Underlying Asset type	G – Inflation rate index	CFI/3rd letter	<a href="#">Att#1</a>
	Single or Multi currency	S – Single Currency	CFI/5th Letter IRS Swap	<a href="#">Att#3</a>
	Issuer or operator of the trading venue identifier	NA	RTS23/Field5	
	Short Name	NA/Swap Infl Idx EUR 20211231	RTS23/Field7	
ISO Reference Rate	EUR-AI-CPI	RTS23/Field40 & Field28		

## GUI DEFINITION


The following diagram provides a definition of the input screen for the new product.

Request.Rates.Swap.Inflation\_Fixed\_Float\_Zero\_Coupon.InstRefDataReporting

Header

Asset Class	Rates	▼
Instrument Type	Swap	▼
Product	Inflation_Fixed_Zero_Coupon	▼
Level	InstRefDataReporting	▼

Attributes *By Tenor* ▼

 Properties

Notional Currency	EUR	▼
Expiry Date	dd/mm/yyyy	
Term of Contract Value	1	
Term of Contract Unit	DAYS	▼
Reference Rate	AUD-CPI	▼
Reference Rate Term Value	0	
Reference Rate Term Unit	DAYS	▼
Notional Schedule	Constant	▼
Delivery Type	Physical	▼
Price Multiplier	1	

Create Dismiss

## CHANGE HISTORY

Version	State	Author	Date	Description
1	Draft	S. Wiltshire	31 Jul 2019	Initial Document
1	Final	S. Wiltshire	19 Aug 2019	Published
2	Final	S. Wiltshire	28 Aug 2019	Correction: Removed "Other Reference Rate" from Validation section.
3	Final	S. Wiltshire	02 Sep 2019	Includes: GUI Definition Section.