

Dear User,

**DSB users have approximately 6 weeks left to complete testing of changes to RTS-23.Field 41, in advance of the Production release date (22<sup>nd</sup> September 2019).**

The DSB has provided a summary of the way in which the Term of Contract (Field 41) enhancements are expected to be used following the release of updated product templates into UAT (7<sup>th</sup> July 2019). Details are provided in Section 4.1 of the **Term of Contract (Field 41) FAQ** [available here](#) on the DSB website.

In response to ESMA's guidance concerning the population of IR Term of Contract (detailed in the [Q&A on MiFIR data reporting](#)) the DSB has released updates to all Rates and Cross-Asset templates that have an interest rate as an underlying asset. Full details of this change (including the key milestones, impacted templates and all updated product definition documents) can be found on the [2019 Sep Release](#) page on the DSB website.

In response to the above requirement, the updated JSON templates have been constructed to support either:

- The direct entry of the Term of Contract (using the “by Tenor” component)  
or
- The calculation the Term of Contract from input values (using the “by Effective Date” component).

For both entry methods the DSB will then return a Term of Contract Value and Unit that is to be used in the definition of the ISIN.

Regards,  
DSB Technical Support Team

**From:** DSB Technical Support <technical.support@ANNA-DSB.com>

**Sent:** Monday, July 29, 2019 9:27 PM

**Cc:** DSB Technical Support <technical.support@ANNA-DSB.com>

**Subject:** REMINDER NOTIFICATION: IR Term of Contract (RTS-23.Field 41) + Additional Rates Derivatives Enhancements UAT & PROD

Dear User

**DSB users have approximately 8 weeks left to complete testing of changes to RTS-23.Field 41, in advance of the Production release date (22<sup>nd</sup> September 2019).**

The DSB has provided a summary of the way in which the Term of Contract (Field 41) enhancements are expected to be used following the release of updated product templates into UAT (7<sup>th</sup> July 2019). Details are provided in Section 4.1 of the **Term of Contract (Field 41) FAQ** [available here](#) on the DSB website.

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Regards,  
DSB Technical Support Team

**From:** DSB Technical Support <[technical.support@ANNA-DSB.com](mailto:technical.support@ANNA-DSB.com)>  
**Sent:** Friday, 19 July 2019 9:13 PM  
**Cc:** DSB Technical Support <[technical.support@ANNA-DSB.com](mailto:technical.support@ANNA-DSB.com)>  
**Subject:** REMINDER NOTIFICATION: IR Term of Contract (RTS-23.Field 41) + Additional Rates Derivatives Enhancements UAT & PROD

Dear User

The DSB is pleased to advise that the open source version of the tenor calculator is now available, a few weeks earlier than planned. As mentioned in the below notification, the Tenor Calculator tool is a standalone Javascript utility that developers can use to calculate the Tenor value of an instrument.

Please visit the new [Tenor-Calculator](#) repository on Github. A README document on Github has details on how to get started.

The [2019 Tenor Calculator Open Source](#) page on the DSB website has information about this release including the link to the Github repository.

Regards,  
DSB Technical Support Team

**From:** DSB Technical Support <[technical.support@ANNA-DSB.com](mailto:technical.support@ANNA-DSB.com)>  
**Sent:** Saturday, July 06, 2019 3:18 PM  
**Cc:** DSB Technical Support <[technical.support@ANNA-DSB.com](mailto:technical.support@ANNA-DSB.com)>

**Subject:** REMINDER NOTIFICATION: IR Term of Contract (RTS-23.Field 41) + Additional Rates Derivatives Enhancements UAT & PROD

Dear User

This has been completed in UAT.

Please visit our new [2019 Sep Release](#) page on the DSB website for information about this release. The 2019 Sep Release page includes Milestones, links to JSON templates and documentation, Change Details and a list of affected templates.

Regards,  
DSB Technical Support Team

**From:** DSB Technical Support  
**Sent:** Thursday, July 04, 2019 3:04 PM  
**Cc:** DSB Technical Support <[technical.support@ANNA-DSB.com](mailto:technical.support@ANNA-DSB.com)>  
**Subject:** REMINDER NOTIFICATION: IR Term of Contract (RTS-23.Field 41) + Additional Rates Derivatives Enhancements UAT & PROD

Dear All,

This is scheduled for UAT implementation this coming July 7, 2019 as previously communicated.

The DSB's UAT environment will be put into an early weekend maintenance between 12:00 AM UTC Saturday 6<sup>th</sup> July 2019 and 12:00 PM UTC Sunday 7<sup>th</sup> July 2019 to allow for the implementation.

Best Regards,  
DSB Technical Support Team

**From:** DSB Technical Support  
**Sent:** Tuesday, 25 June 2019 12:21 AM  
**Cc:** DSB Technical Support <[technical.support@ANNA-DSB.com](mailto:technical.support@ANNA-DSB.com)>  
**Subject:** NOTIFICATION: IR Term of Contract (RTS-23.Field 41) + Additional Rates Derivatives Enhancements UAT & PROD

To All DSB Users,

The following notification includes updated links to the final JSON templates and final Product Definition documents for the September 2019 release.

Regards,  
DSB Technical Support Team

24<sup>th</sup> June 2019



## NOTIFICATION: IR Term of Contract (RTS-23.Field 41) + Additional Rates Derivatives Enhancements UAT & PROD

Audience: All DSB Users

### SUMMARY

The DSB will introduce three key enhancements to OTC Rates derivatives and Rates related Cross-Asset (Other) product templates on 7th July 2019 in UAT and on 22nd September 2019 for Production.

1. Support for revisions to the determination and reporting of RTS.23-Field 41 (IR Term of Contract)
2. New enumerated values:
  - a. "UK Base Rate" to be made available
  - b. €STR and related reference rates (if the name of the reference rate is available in time to facilitate industry testing)
3. The Inflation\_Basis template will support "Delivery Type" and "Price Multiplier" as optional user input values

### DETAILS

#### 1. Revisions to the determination and Reporting of the Term of Contract (RTS-23.Field 41)

The release supports [ESMA's updated Q&A \(Sep 2018\) providing clarifications about the relationship between the interest rate term of the interest rate swap contract \(tenor\) field 41, the effective date and the ISIN.](#)

Users will be able to:

- i. Identify what is to be treated as a standard tenor for reference data reporting purposes by accessing the DSB's Best Practice document (Approved by the [DSB Product Committee \(PC\)](#)) – [available here](#)
- ii. Use updated templates containing an integrated tenor calculator to submit either a standard tenor in accordance with the best practice information above or submit an effective date in all other scenarios. – This corresponds with the ESMA requirement that "[if the contract duration fits a standard term, the standard term](#)

[should be populated in field 41](#)". (Approved by the [DSB PC](#) and the [DSB Technology Advisory Committee \(TAC\)](#))

- iii. Access an open source tenor calculator (Approved by the [TAC](#)) to facilitate user testing and integration – [link to Github](#).

#### **Changes to current product templates:**

The IR Term of Contract (RTS-23.Field 41), will be added to Rates and Rates-related Cross Asset product templates (see the specific list of instruments below). This note sets out the intended solution, the post implementation user experience and implementation timelines.

2 user input attributes introduced:

- Attribute 1 - Term of Contract Value: Max 3-digit integer (i.e. =<999)
- Attribute 2 - Term of Contract Unit: {DAYS, WEEK, MNTH, YEAR}
- For all Rates product templates with a non-financial underlying instrument i.e. FRA\_Other, Swaption, Debt Option are out of scope
- For all Cross-Asset product templates when a Rates component is included

#### **Integrated Tenor Calculator**

Consistency of values for broken-dated instruments will be facilitated by the integration of a Tenor Calculator that will provide input values for the above attributes in-line with the method defined by ESMA in its [Q&A document](#).

The Tenor Calculator will be called when the user supplies an Effective Date rather a standard Term of Contract Value / Unit.

#### **Open Source Tenor Calculator**

The DSB will provide an open source version of the tenor calculator to facilitate industry's testing and integration processes. The DSB Tenor Calculator will be made available on the DSB's GitHub page. Technical details will be made available in due course.

#### **Post Implementation User Experience**

##### **A. Retrieve or Create ISIN Record**

- Uses attributes to retrieve ISIN if existing or creates if required
- Mandatory to use the revised template when making the API request (i.e. with field 41 values) - all returned records will use the updated product template (i.e. version 2)
- Per the ESMA Q&A, new ISINs without field 41 as an input value should no longer be created
- Issuance of new ISINs is only expected for the new instruments that must be reported to FIRDS for the first time on implementation date and going forward

#### B. Retrieve ISIN Record by ISIN

- Does not search by attributes so will support ISIN retrieval for both pre-Field41 and post-Field 41 template versions
- The returned records could use either one of the two template versions (versions 1 & 2)

#### C. Search for ISIN Record

- Possible to search for ISIN records with or without Field 41 in the criteria
- The returned records could use either one of the two template versions (versions 1 & 2)
- The DSB will also facilitate searching without field 41 values (i.e. allow searching for version 1 OTC ISIN records)
- DSB GUI Users will continue to be able to search using either template version

#### D. End of Day Files

- The DSB will continue to publish files, with data published after the implementation date to be based on the “revised” templates (version 2)

### 2. Introduction of new reference rates

#### A. **Addition of “UK Base Rate”**

“UK Base Rate” will be added to the list of available reference rates for OTC Rates and Cross-Asset (“Other”) instruments that include a IR Reference Rate as an underlying.

This change will reflect the [addition of the value to the standard list of FpML Reference Rates](#)

#### B. **New European Risk-Free Rate: €STR and related rates**

The DSB is aware that the ECB will commence publication of the new €STR benchmark rate from 2nd October 2019 and that this rate (along with any associated rates) will need to be added to the relevant product templates.

The DSB is working with industry participants at the [PC](#) to determine when the naming convention will be finalised and with both the [PC](#) and the [TAC](#) to confirm implementation timing. An update will be provided to DSB users as these become available.

As a reminder, Reference Rates included in the DSB templates are [based on the FpML schema](#) and so co-ordination is required to understand the expected schedule for the addition of €STR and associated rates in FpML. Once this schedule is understood it will be possible to determine timetable for the release of the new rates in the DSB product templates.

### 3. Introduction of new reference rates

In order to bring the Rates.Swap.Inflation\_Basis template into line with the standard approach a change will be introduced to amend these attributes to be defined as optional (with defaults).

The DSB' standard approach to the definition of the following attributes is to define them as optional values (with defaults) on all input templates:

- Delivery Type
- Price Multiplier

#### Implementation Timelines:

Milestone	Date	Notes
Provisional Documentation available	17 <sup>th</sup> June 2019	JSON Templates: <a href="#">link</a> Product Documents: <a href="#">link</a>
Final Documentation available	24 <sup>th</sup> June 2019	JSON Templates: <a href="#">link</a> Product Documents: <a href="#">link</a>
UAT environment	7 <sup>th</sup> July 2019	Start of UAT phase
Production environment	22 <sup>nd</sup> September 2019	Production Release

#### Action Required:

- DSB users seeking to implement associated changes are requested to upgrade to the new templates and conduct sufficient testing to satisfy the implementation of the revised DSB templates – including testing and consumption of the end of day snapshot files
  - o This requires impacted users' UAT environments to be able to accommodate the new DSB templates as early as possible during the test period.
  - o This requires impacted users' Production environments to be able to accommodate the new DSB templates.
- DSB users (with the ability to create ISINs) are requested to assist with the regression testing of all live DSB templates they currently use and notify the DSB of any issues by cob Wed 18th July 2019 so that we can work to address these with you

The DSB's UAT environment will be put into early weekend maintenance between 12:00 AM UTC Saturday 6<sup>th</sup> July 2019 and 12:00 PM UTC Sunday 7<sup>th</sup> July 2019 to allow for the implementation

**List of impacted templates**

Template Name (Record + Request)	
Rates.Forward.FRA_Index.InstRefDataReporting.V2.json	
Rates.Option.CapFloor.InstRefDataReporting.V2.json	
Rates.Option.Non_Standard.InstRefDataReporting.V2.json	
Rates.Swap.Basis.InstRefDataReporting.V2.json	
Rates.Swap.Basis_OIS.InstRefDataReporting.V2.json	
Rates.Swap.Cross_Currency_Basis.InstRefDataReporting.V2.json	
Rates.Swap.Cross_Currency_Fixed_Fixed.InstRefDataReporting.V2.json	
Rates.Swap.Cross_Currency_Fixed_Float.InstRefDataReporting.V2.json	
Rates.Swap.Cross_Currency_Fixed_Float_NDS.InstRefDataReporting.V2.json	
Rates.Swap.Cross_Currency_Inflation_Swap.InstRefDataReporting.V2.json	
Rates.Swap.Cross_Currency_Zero_Coupon.InstRefDataReporting.V2.json	
Rates.Swap.Fixed_Fixed.InstRefDataReporting.V2.json	
Rates.Swap.Fixed_Float.InstRefDataReporting.V2.json	
Rates.Swap.Fixed_Float_OIS.InstRefDataReporting.V2.json	
Rates.Swap.Fixed_Float_Zero_Coupon.InstRefDataReporting.V2.json	
Rates.Swap.Inflation_Basis.InstRefDataReporting.V2.json	
Rates.Swap.Inflation_Basis_Zero_Coupon.InstRefDataReporting.V2.json	
Rates.Swap.Inflation_Fixed_Float_YoY.InstRefDataReporting.V2.json	
Rates.Swap.Inflation_Swap.InstRefDataReporting.V2.json	
Rates.Swap.Non_Standard.InstRefDataReporting.V2.json	
Request.Rates.Forward.FRA_Index.InstRefDataReporting.json	
Request.Rates.Option.CapFloor.InstRefDataReporting.json	
Request.Rates.Option.Non_Standard.InstRefDataReporting.json	
Request.Rates.Swap.Basis.InstRefDataReporting.json	
Request.Rates.Swap.Basis_OIS.InstRefDataReporting.json	
Request.Rates.Swap.Cross_Currency_Basis.InstRefDataReporting.json	
Request.Rates.Swap.Cross_Currency_Fixed_Fixed.InstRefDataReporting.json	
Request.Rates.Swap.Cross_Currency_Fixed_Float.InstRefDataReporting.json	
Request.Rates.Swap.Cross_Currency_Fixed_Float_NDS.InstRefDataReporting.json	
Request.Rates.Swap.Cross_Currency_Inflation_Swap.InstRefDataReporting.json	



Request.Rates.Swap.Cross_Currency_Zero_Coupon.InstRefDataReporting.json	
Request.Rates.Swap.Fixed_Fixed.InstRefDataReporting.json	
Request.Rates.Swap.Fixed_Float.InstRefDataReporting.json	
Request.Rates.Swap.Fixed_Float_OIS.InstRefDataReporting.json	
Request.Rates.Swap.Fixed_Float_Zero_Coupon.InstRefDataReporting.json	
Request.Rates.Swap.Inflation_Basis.InstRefDataReporting.json	
Request.Rates.Swap.Inflation_Basis_Zero_Coupon.InstRefDataReporting.json	
Request.Rates.Swap.Inflation_Fixed_Float_YoY.InstRefDataReporting.json	
Request.Rates.Swap.Inflation_Swap.InstRefDataReporting.json	
Request.Rates.Swap.Non_Standard.InstRefDataReporting.json	
Other.Option.Non_Standard.InstRefDataReporting.V1.json	
Other.Other.Non_Standard.InstRefDataReporting.V1.json	
Other.Swap.Non_Standard.InstRefDataReporting.V1.json	
Request.Other.Option.Non_Standard.InstRefDataReporting.json	
Request.Other.Other.Non_Standard.InstRefDataReporting.json	
Request.Other.Swap.Non_Standard.InstRefDataReporting.json	