Change Workflow – Enumerated Proprietary Index Lists

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Contents

Executive Summary

- The purpose of this document is to articulate the change workflow for users to follow when requesting:
    - a new proprietary index to be added to the existing DSB maintained enumerated lists or
    - an amendment to an existing proprietary index contained within the enumerated index lists
- The DSB maintains proprietary index enumeration lists for several asset classes as disclosed in section 1
- Submissions must be sent by approved requesters who can achieve this status by applying to the DSB using the DSB Authorised Requester form (see Appendix 4.1)
- Industry participants are encouraged to respond to the DSB (product.management@ANNA-DSB.com) via the DSB Proprietary Index submission file with all relevant proprietary indices
- All Proprietary indices received and validated prior to **COB 13th October 2017** will be included in the initial UAT and PROD release
- Proprietary Indices received after this date will be implemented in line with the workflow described in this document once the Proprietary Product Definitions are in the Production environment

1 Introduction

1.1 Document Purpose

The purpose of this document is to specify the workflow that industry participants should follow to advise the DSB of a new addition to the Credit, Equities or Commodities proprietary index enumerated lists that are maintained by the DSB.

1.2 Background

The approach to attribute validation adopted by the DSB is to provide enumerated lists wherever possible to minimise the creation of erroneous ISINs due to the input of an incorrect index name. The approach set out in this document will apply to the following DSB ISIN product attributes:

- Underlying Instrument Index (RTS23/Field 28)
- Underlying Instrument Reference Rate (RTS23/Field 40)

The DSB Product Committee has established two possible categories for Index lists:

- Third-Party Index Enumerations
- Proprietary Index Enumerations

Both are defined in the following two sections.

1.2.1 Third-Party Index Enumerations

These are indexes that are owned and managed by a third-party such as ISDA or FpML. Key aspects of these indexes are:

- Third-party is the golden source for the index enumeration list
- Changes to the indices are controlled by the third-party and subject to potential Intellectual Property Right restrictions
- The DSB will only be able to enact change to a list once the third-party has completed its change process and in accordance with the DSB's change cycle.

The set of indexes falling into this category are:

Asset Class	RTS 23 Field	Owner	Source
Rates	Reference Rate	FpML	http://www.fpml.org/spec/coding-scheme/fpml-schemes.html#s5.91
Rates - CPI	Reference Rate	FpML	http://www.fpml.org/spec/coding-scheme/fpml-schemes.html#s5.99
Credit	Underlying Instrument Index	TBC	TBC
Equities	Underlying Instrument Index	ESMA	https://www.esma.europa.eu/policy-activities/mifid-ii-and-mifir/mifid-ii-transitional-transparency-calculation
Commodities	Reference Rate	FpML	ISDA Taxonomy 2.0

1.2.2 Proprietary Index Enumerations

These are index enumeration lists which are submitted by industry and maintained by the DSB. Key aspects of these indices are:

- The DSB maintains the enumeration list for the attribute / asset class combination

- Change management is controlled by the DSB
- These are indices defined by a single institution. The DSB will consider any index as proprietary, unless declared otherwise.
- Proprietary Indices submitted to the DSB are considered free from any IPR issues and are fully distributable to all users of the DSB in its primary course of business
- Submission of an Index to the DSB accepts the fact that other users creating ISINs may refer to this index
- The Proprietary change management workflow is subject to all DSB agreements and associated policies

The set of indices falling into this category are:

Asset Class	RTS 23 Field	Owner	Source
Credit	Underlying Instrument Index	DSB	Industry submitted and verified indices
Equities	Underlying Instrument Index	DSB	Industry submitted and verified indices
Commodities Index	Underlying Instrument Index	DSB	Industry submitted and verified indices

This document specifies the change workflow for the above proprietary indices only.

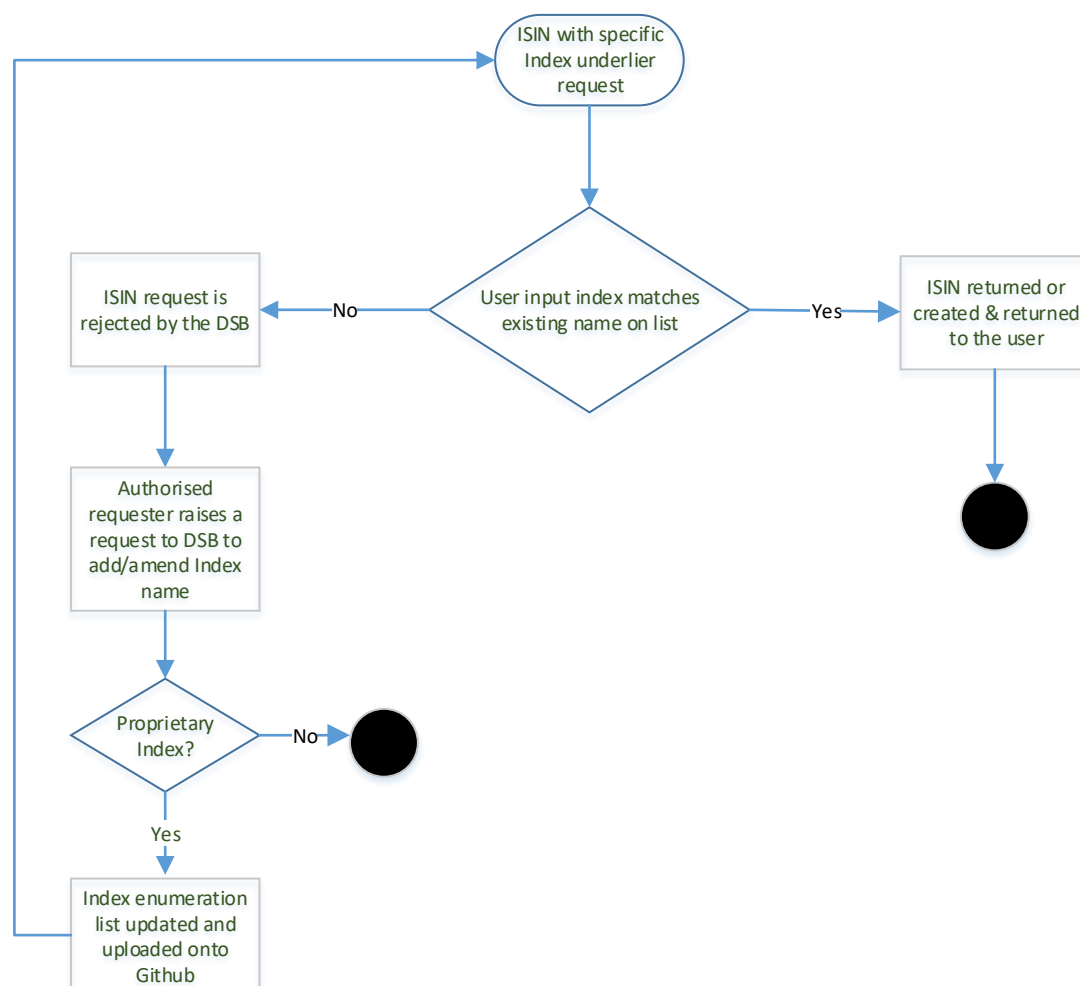## 1.3   Index data attributes

The DSB will request and hold the following attributes against each of the indices on a DSB managed enumerated proprietary index list:

Attribute Name	Description	Type	Example Value
Last Modified Date	Date on which the index was last modified; initial value equals creation date	Date	2017-07-29
Index Asset Class	Asset class of the index – set by the possible enumerations of CFI letter #2	String	Equity
Index Name	Name of the proprietary Index	String	New Index
Index Source	Name of the owner / issuer of the index	String	Bank ABC
Index Source ID	LEI of the owner	LEI	123456789AB987654321
Index Requestor	Name of the organization requesting the new index	String	Bank ABC
Constituent TOTV	Flag to indicate if the index has constituent that is TOTV.	Boolean	TRUE

- Upon first receipt of a submission, the DSB will assign a numerical identifier to the specific organisation and privately communicate it to the requester
- This identifier will be recorded as a prefix to the proprietary index name in the published Proprietary Index list to ensure uniqueness and anonymity
- When requesting an ISIN referencing a submitted proletary index name, users should input their numerical identifier as a prefix to the index name exactly as it will appear in the list.

1.4   High-level workflow

- The below workflow is a high-level example of the proprietary index creation workflow. Only organizations that have registered to add ISINs will be permitted to follow this process
- A submitted proprietary index will be made available for use during ISIN creation within 1 day of receiving a valid proprietary index submission

2   Key Strategic Workflow

The workflow listed below and detailed in subsequent sections does not have an impact on the JSON template version, the existing ISIN database and user interaction with the DSB.

Action	Backward Compatibility	JSON template version increase	UAT period	JSON download required
New Proprietary Market Index	✔	✘	✘	✘

- **Backward Compatibility:** Whether the action has no effect on the existing JSON templates and users can continue to interact with the DSB without seeking an updated JSON
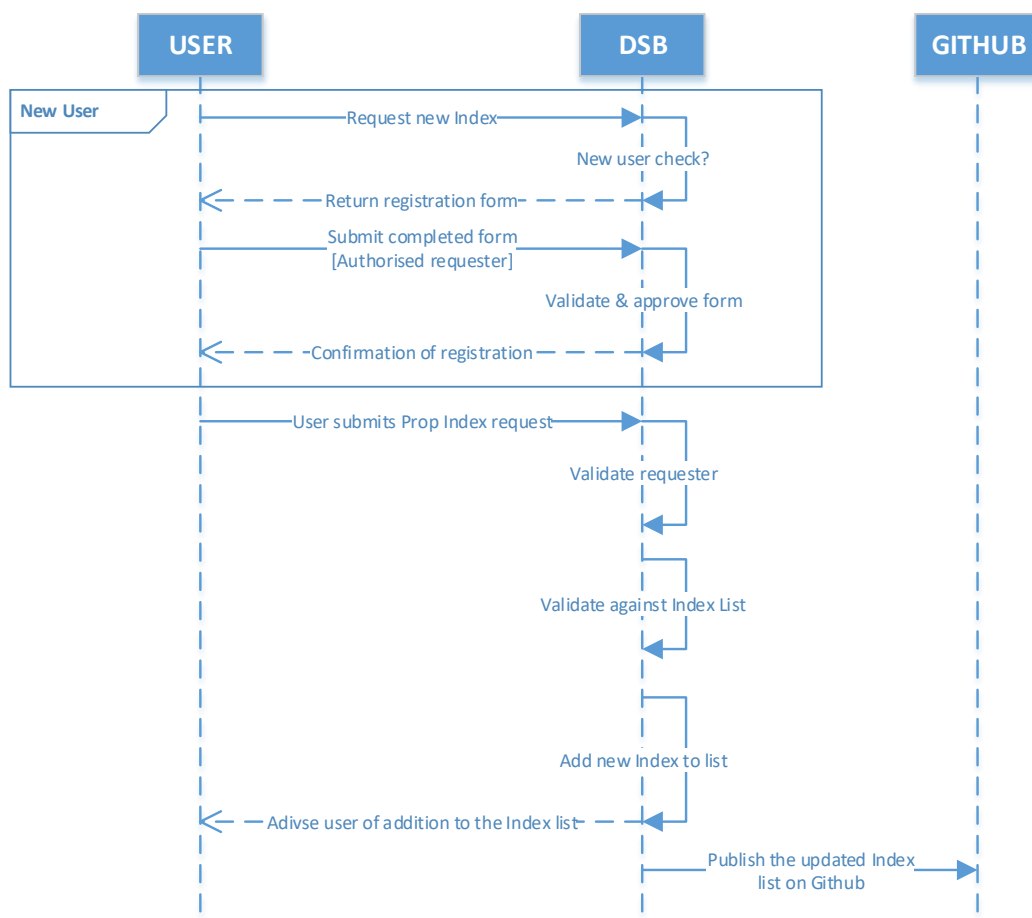
- **Version increase:** The addition or amendment result in an iteration of the JSON template that will supersede the existing version and render the existing version redundant. This is coupled with actions that are not backwardly compatible. Users will need to download the new JSON version from the DSB
- **UAT period:** The period required for testing the change prior to release into production
- **JSON download required:** If users wish to use the new/amended index they will need to obtain the updated JSON templates containing the change

2.1   Organization Registers to Add Indices

- Organizations can register to add indices to the DSB proprietary index enumeration list
- When registering, organizations will be expected to submit a list of authorized requesters, capped at 5 per organisation, via the DSB Authorised Requester Form – these authorized requesters will be recognized by the DSB as having permission to add indices
- For addition of proprietary indices requested systematically via FIX or ReST API (once these methods are available), no authorized requester will be required; however, the request will need to come from an organization registered to add indices
- For addition of proprietary indices via the GUI or form, the request should be made by an authorized requester

2.2   New Proprietary Index

Below is the main workflow for a new proprietary index requested by an approved organization:

Step	Description
User submits index request	**Assumptions** • User populates the full set of attributes required for the index using the form DSB Index list submission • New index does not already exist • Request submitted via the DSB_Proprietary Index Submission form **Description** The user submits their request to the DSB to add a new proprietary index.
Validate requester	**Assumptions** • Organization is registered as an index creator • User submitting the request is registered as an authorized requester from the relevant organization **Description** DSB checks the organization and individual (where relevant) ensuring the requesters are approved index creators.
Requester = Owner	**Assumptions** • Index requester and owner use the same type of identification **Description** To ensure the index is 'proprietary', the DSB checks the identification of the index requester is the same as the source.
Implement new index	**Assumptions** **Description** DSB will add the index name to the list of enumerations, publish the updated list of Github and confirm with the user. The user can then request an ISIN with the new index as underlier, DSB will validate the name matches the enumeration list and if so generate and return an ISIN. **The DSB aims to meet a 1 day SLA on new index additions.**

3   Product Definition design

3.1   Equity Single Proprietary Index / Credit Index

- The list of Proprietary Indices gathered from Industry will be maintained by the DSB in an independent document available in Github
- Users are expected to have submitted their required indices to the DSB using the DSB Index List Submission form and have obtained the latest list from Github
- The Standard market enumeration list contained within the JSON template 'Underlying Instrument Index' attribute will contain an option of 'Custom Proprietary Index'
- If 'Custom Proprietary Index' is selected, an additional optional field will require users to manually input the index name, the assumption being that the Index name submitted exists on the Index list
- The DSB will reject any ISIN request with an index underlier not contained on the proprietary index list

3.2   Equity Basket & Portfolio Swap / Commodity Multi-Exotic

- The list of Proprietary Indices gathered from Industry will be maintained by the DSB in an independent document available in Github
- Users are expected to have submitted their required indices to the DSB using the DSB Index List Submission form and have obtained the latest list from Github
- Basket/Portfolio Swap & multi-exotic Product Definitions can contain a combination of standard market indices and proprietary indices
- The Standard market enumeration list contained within the JSON template 'Underlying Instrument Index' attribute will allow an array and contain an option of 'Custom Proprietary Index'
- If 'Custom Proprietary Index' is selected, an additional optional field will require users to manually input the index name(s), the assumption being that the Index name submitted exists on the Index list
- The DSB will reject any ISIN request with any index underlier(s) not contained on the Index list

4   Appendix

4.1   DSB Authorised Requester Form

Organisations who wish to submit Proprietary Indices to the DSB must complete the DSB Authorised Requester form including a list of all authorised users and return to product.management@ANNA-DSB.com

The form is available on Github here

4.2   DSB Proprietary Index List Submission file

This file contains the attributes required when submitting or amending proprietary indices and should only be submitted by authorised users.
Completed forms should be sent to the product.management@ANNA-DSB.com

The form is available on Github here