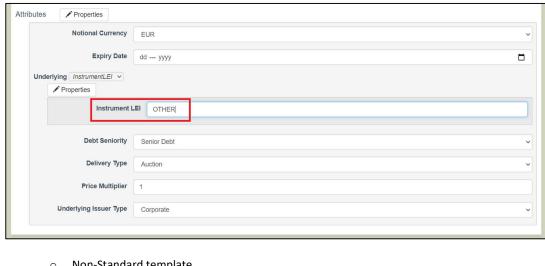
Derivatives Service Bureau

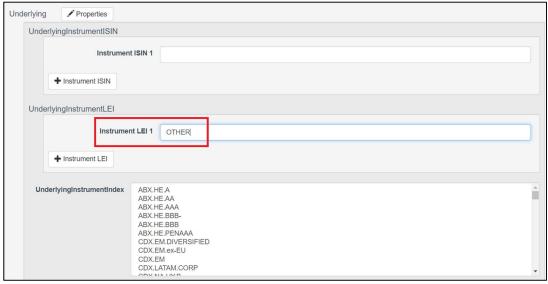
CHANGE REQUEST FORM

Version	State	Author	Date	Description
1	Draft	M.A. Gariplan	18 Feb 2022	Initial Document
2	Draft	M. Surop	15 Jul 2022	Update Validation error messages

Title	Credit : Add "Other" as an exception for Instrument LEI attribute					
Background	At present, the Instrument LEI and Underlying Instrument LEI attributes are in free-text data type in which users are required to input the Legal Entity Identifier (LEI) of an entity. The DSB do not have its own database or golden source for LEI, hence only a syntactical validation is performed on the attribute. In order to improve user experience, it is proposed to add "OTHER" as an exception to the current validation to represent entities that do not have an LEI. This is in compliance to user's respective reporting regulation. This update will impact templates within the CREDIT and OTHER Asset Classes that include Instrument LEI and Underlying Instrument LEI attribute. Note: This is the ISIN version of the UPI-1005.	DSB-ID Type Owner Version State	DSB-1697 Validation M.A. Gariplan 2 Final			
Scope	In-Scope This CRF covers CREDIT products that support Instrument LEI and Underlying Instrument LEI attribute as well the OTHER (CROSS-ASSET) asset class. Out of Scope All asset class templates that do not include Instrument LEI and Underlying Instrument LEI as attribute.					
Requirements There is a requirement to allow users to support the creation of ISIN/UPI if the underlying have a registered LEI. This is due to certain jurisdictions wherein UPI is a mandatory recurrent transaction reporting.						
Change Details	At the moment, "OTHER" will be rejected when entered in the Instrument LEI attributes as this does not satisfy the existing validation. This is due to the E for LEI and can only perform syntactical validation on the attribute. This change is to permit the users to input "OTHER" in the field in order to contain entity exist. Once change is implemented, an exception to the current validation will be in In the GUI, user can input "OTHER" in the field. The attribute will only accompany to the contains the standard template.	osB not havi reate ISIN/U	ing a golden source IPI where no LEI for onsider "OTHER":			



Non-Standard template



Validation

The following validations will apply:

- The input text by user must be in 20 characters (18 alphanumeric, 2 numeric) or in uppercase "OTHER".
- If the input LEI is less or more than 20 characters and/or is not aligned with the above pattern before hitting create, an error message will apply "Value must match pattern ^(OTHER|[A-Z0-9]{18}[0-9]{2})\$".
- If the input LEI is not aligned with the pattern and conformed with the syntactic validation after hitting create, the following error message will apply:
 - a. For Credit Standard templates: "Error: /Attributes/Underlying: instance failed to match exactly one schema (matched 0 out of 2)".
 - b. For Credit Non Standard templates: "/Attributes/Underlying/UnderlyingInstrumentLEI/0: ECMA 262 regex \"^(OTHER|[A-Z0-9]{18}[0-9]{2})\$\" does not match input string "<invalid input>"".
 - For Multi-Asset product templates: "/Attributes: instance failed to match exactly one schema (matched 0 out of 3)".

Impacted Products

Please note that the Request and Record templates for the following products will be impacted.

	Instrument LEI: Credit.Swap.ABS Credit.Swap.Corporate Credit.Swap.Loan Credit.Swap.Municipal Credit.Swap.Sovereign Underlying Instrument LEI: Credit.Swap.Non_Standard Credit.Option.Non_Standard Other.Option.Non_Standard Other.Other.Non_Standard Other.Swap.Non_Standard					
	Note: Impacts Normalised and Non-Normalised templates.					
User Impact?	Yes	Users will need to download the updated templates in order to access this functionality.				
	Versions	The version number of all in-scope Record templates will not be impacted.				
Use Cases	For each of the in-scope templates: Valid Request: 1. Select the new enumerated value within the impacted attribute(s). 2. Search for products that include the new enumerated value.					
Documentation	The follow	ring DSB documents are to be updated:				
	DSB PROD Product Definition: https://www.anna-dsb.com/download/dsb-prod-product-definitions-pdf/					
	DSB UAT Product Definition: https://www.anna-dsb.com/download/dsb-uat-product-definitions/					
	ANNA-DS					
	https://www.anna-dsb.com/faq/					
References	None.					