XRN4621– Suspension of the Validation between Meter Index and Unconverted Index

High Level System Solution
Impact Assessment

Change Overview

XRN 4621 – Suspension of the Validation between Meter Index and Unconverted Index

During Nexus Programme identified that the relational validation between the volumes determined by the meter index and the unconverted converter index and converter converted index was not being applied. The Nexus requirement expected that this was applied, so it was agreed with the industry that this remained suspended as a short term measure as it became clear that different parties providing Meter Readings had different expectations of the construction of the Meter Reading itself when both convertor and Automatic Meter Reading (AMR) devices are present at the Supply Meter Point. At the time of removal of this validation it was proposed that a form of validation be reinstated following a period of consultation with industry participants. DSG (16th July 2018) confirmed that this change can assume that the construction of the Meter Reading will not be amended defined in the UNC. i.e. if only two indexes are obtained it is meter and converted.
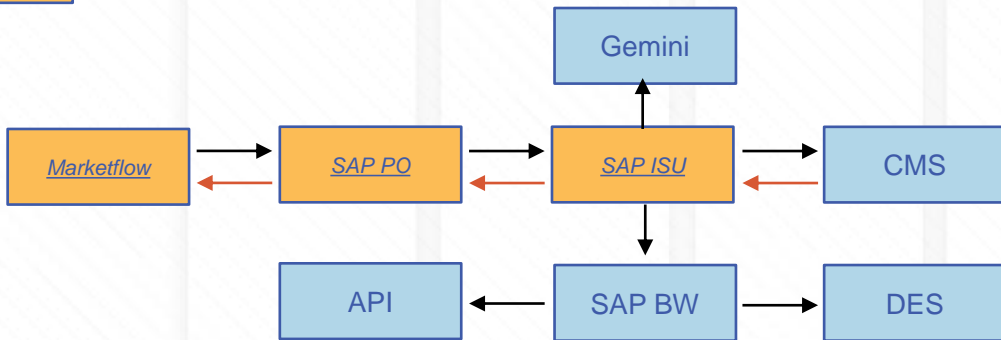
Solution Options

| 1 | Construction of the Meter Reading |

1- Construction of the Meter Reading

As part of the solution, the shipper may submit only 2 out of the three M, C and U which would be M and C. U read will be made optional. The validation around the uncorrected reads where the corrector is fitted will not be applied if 'U' is not received. If all the 3 are received; all current read validations will be carried out. The change will be done in specific read files from shippers e.g .UMR, UBR, UDR, AQI. The response files will be modified accordingly so that only the M and C reads will be sent. A report will be created in ISU to report out the ratios of M and C / M and U. Where the U read is available, the ratio will be calculated between M and U reads. Where the C read is available, the ratio will be calculated between M and C reads.

Impacted Systems

Impact

Gemini

Marketflow ←→ SAP PO ←→ SAP ISU ←→ CMS

API ← SAP BW → DES

Assumptions

- The U read will be made optional
- Market Trials costs are not considered.

Overall Impact	Release Type	High Level Cost Estimate
High	Minor	40,000 - 45,000 GBP

Option 1 - System Impact Assessment

	SAP ISU	SAP PO	Marketflow			
System Component:	Process Code	Configuration	Configuration			
Development Type:	Code Change	Configuration code	Configuration Code			
Impacted User(s):	Shippers	Shippers	Shippers			
Build Type:	Existing	Existing	Existing			
Change Description:	System will be amended to remove the validations if 'U' is not received. A new report will be created to report out the ratios of M and C / M and U	System to make the configuration changes in order to make the mandatory fields Optional	System to make the configuration changes in order to make the mandatory fields Optional			

Requirement Clarity:	G	G	G			
Change Complexity:	G	G	G			
Integration Complexity:	G	G	G			
Test Data Prep Complexity:	G	G	G			
Test Execution:	A	G	G			
Regression Testing Impact:	A	G	G			
Performance Impact:	G	G	G			

Option 1 - Process Impact Assessment

Process Area	Complexity	File Formats	Exceptions	External Screens	Batch Jobs	Performance Test?
SPA	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Metering (Reads)	H	Y	Y	N	N	N
Reconciliation	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Invoicing – Capacity	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Invoicing – Commodity	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Invoicing – Amendment	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Invoicing – Other	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Rolling AQ	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Formula Year AQ	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
RGMA	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
DSC Service	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N
Other (Specify)	n/a / H / M / L	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N	n/a / Y / N