



## **DSC Delivery Sub-Group**

27<sup>th</sup> July 2020



## **DSG Agenda**

27<sup>th</sup> July 2020

# DSG Agenda (1)

Item	Title	Document Ref	Lead	Action Required From DSG
1.	General Meeting Administration			
1a.	Welcome and Introductions	Verbal	Chair	Introduce yourself
1b.	Previous DSG Meeting Minutes and Action Updates	Verbal	Chair	Approval of the meeting minutes for the previous meeting
2.	Changes in Capture			
2a.	New Change Proposals – For Initial Overview of the Change			
2a.i.	XRN 5188 - Interim Data Loads of MAP Id into UK Link	Slides	Simon Harris	For information and discussion
2b.	Change Proposal Initial View Representations – <b>None for this meeting</b>			
2b.i.	XRN5116 - Domestic Pre-Note Report	Slides	Megan Troth	For information and discussion
2c.	Undergoing Solution Options Impact Assessment Review			
2c.i.	XRN5135 – DNO and NTS Invoices to Shippers and DN's VAT compliance	Slides	James Barlow	For information and discussion
2c.ii	XRN5180 - Inner Tolerance Validation for replacement reads and read insertions	Slides	James Barlow	For information and discussion
2c.iii	XRN5091 - Deferral of creation of Class change reads at transfer of ownership	Slides	James Barlow	For information and discussion
2d.	Solution Options Impact Assessment Review Completed – <b>None for this meeting</b>			
2d.i.	XRN4645B - Rejection of incrementing reads submitted for an Isolated Supply Meter Point (RGMA flows)	Slides	James Barlow	
2d.ii.	XRN5903 - Update of AUG Table to reflect new EUC bands (Modification 0711)	Slides	Kate Lancaster	For information and discussion
3.	Changes in Detailed Design – <b>None for this meeting</b>			
3a.	Design Considerations			
3a.i.	XRN4989 - B - Online end to End Credit Interest Process	Slides	Simon Harris	For information and discussion
3b.	Requirements Clarification – <b>None for this meeting</b>			

# DSG Agenda (2)

5.	CNC Processing Update	Verbal	James Barlow	For information and discussion
6.	Major Release Update			
6a.	June 2020	Slides	Simon Burton / Surfaraz Tambe	Standing agenda item – for information (if there is an update)
6b.	November 2020	Slides	Ed Healy	Standing agenda item – for information (if there is an update)
6c.	XRN4914 - MOD 0651- Retrospective Data Update Provision	Slides	Tracy O'Connor/ Paul Orsler	Standing agenda item – for information (if there is an update)
6d.	Minor Release Drop 7	Slides	Julie Bretherton	Standing agenda item – for information (if there is an update)
7.	Retail and Network Delivery Overview	Slides	Richard Hadfield	Standing agenda item – for information (if there is an update)
8.	Issue Management			
8a.	AQ Task Force Update	Slides	Michele Downes	Standing agenda item – for information (if there is an update)
8a.	Proposals for Resolution of MN09 Exceptions	Slides	Michele Downes	For Information and discussion
<b>Annex – For Information</b>				
9.	ChMC Update	Slides	Rachel Taggart	Standing agenda item – for information (if there is an update)
10.	Defect Summary	Slides	Mark Tullett	Standing agenda item – for information (if there is an update)
11.	Portfolio Delivery			
11a.	Portfolio Delivery Overview POAP	POAP published on Xoserve.com		Standing agenda item – for information (if there is an update)

## 1b. Previous DSG Meeting Minutes and Action Updates

- The DSG Actions Log will be published on the DSG pages of [Xoserve.com](https://xoserve.com)




## 2. Changes in Capture



## **2a. Change Proposal – For Initial Overview of the Change**

## 2a. Change Proposal – For Initial Overview of the Change

- 2a.i. – XRN 5188 - Interim Data Loads of MAP Id into UK Link





## **2a.i. – XRN 5188 - Interim Data Loads of MAP Id into UK Link**

For discussion

# Background

- As part of June-2020 Major Release is the mass population of MAP Id into UK Link (via XRN4780-B)
- The MAP Id enduring solution (XRN4780-C), looking at the ongoing maintenance of MAP Id, was planned for November-2020 Major Release, however this has now been descoped and proposed for June-2021 Major Release
- Because of this, it was felt the need to carry out intervening data loads of MAP Id to ensure it's maintained at a high standard
- XRN5188 has been raised to look into carrying these activities

# Overview

- It is thought that the solution built as part of June-2020 will be re-used but with a review of the rules/scenarios as these may not be fit for purpose
- Additional reporting and output back to the submitting party will also be revisited
- A view on how existing data will be effected and how this is communicated to appropriate stakeholders will be taken into consideration
- Working assumptions:
  - It is thought that the source of this information will continue to be the Meter Asset Providers (MAPs)
  - Any data provided that successfully passes validation will replace data already loaded into UK Link (inc RGMA provided MAP Id)

# DSG Action

- Are DSG members ok with the working assumptions?
- Are there any specific scenarios or requirements industry parties feel need to be considered?



## **2b. Change Proposal Initial View Representations**

## 2b. Change Proposal Initial View Representations

- 2b.i. – XRN5116 – Domestic Pre-Note Report




## **2b.i. – XRN5116 - Domestic Pre-Note Report**

DSG Views

# Background

- The original requirements issued via change pack (2605.2 - MT - JR) which was to be delivered via XRN 5116 would not deliver the outcome that the sponsor wanted to achieve
- As such, in July's ChMC, the committee requested that the XRN was re-introduced to DSG and sent out on a further change pack
- The report that this CP is specifically referring to is the 'Domestic Pre Note Report' which provides shippers with an 'early warning' of when IGT Small Supply Points are about to fall into contention for the IGT must read process
- Variations of this report are already being delivered to some Shippers via the CDSP 'Additional Service Request' (ASR) process
- This change proposes to deliver the report more widely via a '*General*' or '*Specific*' Service



# DSG Views

- We are asking DSG attendees to inform us if this will have any material impact on your systems or processes.
- Any views can be fed back into [uklink@xoserve.com](mailto:uklink@xoserve.com)



## **2c. Undergoing Solution Options Impact Assessment Review**

## 2c. Undergoing Solution Options Impact Assessment Review

- 2c.i. – XRN5135 – DNO and NTS Invoices to Shippers and DN's VAT compliance
- 2c.ii. – XRN5180 - Inner Tolerance Validation for replacement reads and read insertions
- 2c.iii. – XRN5091 - Deferral of creation of Class change reads at transfer of ownership



## **2c.i. – XRN5135 – DNO and NTS Invoices to Shippers and DN's VAT compliance**

# Background

- XRN5135 has been raised by Wales & West Utilities as to address invoices with missing details as set out in <https://www.gov.uk/vat-record-keeping/vat-invoices>
- As such, invoices are not compliant with UK VAT legislation
- Data items in scope are:
  - Customer Registered Trading Name
  - Customer Registered Trading Address
  - Vendor Address
- Shippers, DNOs and National Grid Transmission are the impacted parties

# Potential Solution Options

- Option 1 - Amend the individual file formats
  - Add the required fields to existing records
- Option 2 – Create new record and add to file hierarchies
  - Create a new, generic, record with the required data items
  - Update primary invoice file hierarchies to include the new record
- Option 3 - Population of standard clause record with missing details
  - for invoices delivered within an INV file this would be the I05 record type
  - for Gemini invoices records used would be as follows
    - Energy balancing - record D01
    - NTS Entry Capacity - record N01
    - NTS Exit Capacity - record X00
    - NTS Entry Commodity - record D01
    - Optional Tariff - record D01
    - NTS Entry Capacity Buyback - record N01

# Delivery Options

- Both options 1 and 2 impact the file formats and, as such, it is expected that these would require a major release
  - The next available major release is November 2021
- Option 3 will utilise the existing file formats and be supported by functional development
  - As such, this release may not require a major release however DSG views on this assumption are invited

# DSG Discussion

- The Xoserve preferred option is option 3, population of standard clause record
  - As existing file format will be utilised the changes made are not expected to impact shippers
  - Changes required will not be as invasive
- Are DSG comfortable with these solution options?
  - Do you believe there are any other data items, required to classify the invoice as VAT compliant, missing from invoices?
  - Are there other options that you may like to be considered?
  - Do you agree with the Xoserve preferred option?
- Are DSG happy for this change to be sent out in a Solution Change Pack in August?
  - If no additional options are returned following HLSO impact assessment





## **2c.ii. – XRN5180 - Inner Tolerance Validation for replacement reads and read insertions**

# Background

- Change raised by Xoserve following investigation into defect 1482 which was previously presented to DSG in November '19
- After additional analysis it was found it out of scope of a defect as business rules to support the process were not documented so this change has been raised to address
- The issue occurs where either replacing or inserting a read where a subsequent Valid Actual read exists and an override flag is required
- As the consumption between the previous read and the replaced/inserted read as well as between the replaced/inserted read and the subsequent read is validated if an override flag is required for only one of the periods the read is always rejected
- Analysis found that circa 58k reads replacement reads had been rejected in this scenario
  - Inserted reads were not included and, therefore, the actual volume of impacted is likely to be higher

# Recommended Solution

- The recommended solution is to accept the override flag as correct where at least one of the periods assessed requires it
  - If backward period requires O/R but forward period does not or
  - If backward period does not require O/R but forward period does
- This is the option that was previously recommended by DSG

# Discounted Solutions

## Option 2 – Additional override flag

- Add a second override flag to account for the forward period
  - This would be a change and as such require additional funding
  - File format changes would be required to all read files and, potentially, new rejection codes and, therefore, require a major release
  - It is believe that cost/effort would far outweigh the benefits given the volume

## Option 3 – Change current validation logic

- Do not perform Inner Tolerance Check on Forward Period. Outer tolerance check would persist
  - This would be a change and as such require additional funding
  - The option would remove a level of validation
  - Provides a similar result to Option 1 however at an additional cost

## Option 4 – Do nothing

- These reads will continue to fail and leave the shipper with no route to amend in order to pass

# DSG Discussion

- Do DSG members still support the recommended solution?
- Are there any issues or concerns with this option?



**2c.iii. – XRN5091 - Deferral of creation of  
Class change reads at transfer of ownership**

# Background

- Change raised by EDF to prevent class change estimated reads from blocking the processing of an opening read
- Currently, where there is a class change as a result of a change of shipper, be that by design or coincidental, a class change estimated read is issued at D
- In this scenario, a normal opening read will be rejected as a read already exists. The class change estimated read can be replaced however, as it is an opening read, this would have to be agreed with the outgoing shipper

# Solution Options for HLSO

The solution options proposed for HLSO are:

1. Remove the need for a class change read on the class change date
  - Very large change involving the fundamentals of SAP
2. Generate and issue class change estimated read and allow the first normal, opening read for D to be processed
  - Addresses opening read rejection
  - Shippers must continue to handle class change estimate
3. Generate class change estimated read on D but do not issue. If no read is received within the opening read window then held read is issued
  - Addresses opening read rejection, class change estimate would only be issued as a transfer read estimate



# Considerations

- Currently SAP requires a read at the start and end of a class period due to the dependency on supporting settlement arrangements which differ between classes
- Where there is a class change as a result of a transfer then the opening read has to be for D
  - This is also in line with CSSC functionality
- Class change involving class 1 or 2 are deemed out of scope
  - Where the class changes to or from class 1 or 2 a read is always required at D in order to support the allocations process within Gemini

# DSG Discussion

- Xoserve preferred solution - Option 3
  - Meets the objectives of the change proposal
  - In line with a transfer with no class change
  - Minimal, or no, impact to shippers
- Do DSG members have any issues or concerns with the solution options?
- Do DSG members have any alternative solution options for discussion and consideration?



## **2d. Solution Options Impact Assessment Review Completed**

## 2d. Solution Options Impact Assessment Review Completed

- 2d.i. – XRN4645B - Rejection of incrementing reads submitted for an Isolated Supply Meter Point (RGMA flows)
- 2d.ii. – XRN5093 - Update of AUG Table to reflect new EUC bands (Modification 0711)



**2d.i. – XRN4645B - Rejection of incrementing  
reads submitted for an Isolated Supply Meter  
Point (RGMA flows)**

# Recap

- XRN4645 was created to address the scenario of a valid RGMA transaction being submitted for an isolated meter point, with a read that shows progression (offtake)
  - The transaction is currently accepted and an exception generated when attempting to calculate consumption for the isolated period
    - This is due to no commodity being deemed for an isolated period
- The change was recently split into Part A and B
  - Part A to deliver the rejection functionality
    - This is currently in development
  - Part B to review the process required to support the proper allocation of volume
- The workaround to address the backlog of exceptions was issued 8<sup>th</sup> July
  - XCE1896: For Action - Exceptions raised during the billing process (BI49)

# What is the way forward

- After further investigation into the process we do not believe there is an appropriate change that will improve the current process
- Shippers are required to inform the CDSP as soon as they find an isolated meter is capable of flowing gas. Therefore, the current industry processes should be utilised:
  - As soon as a shipper becomes aware that a meter is no longer isolated they notify the CDSP using the date of:
    - When they have been told the status changed e.g. site visit/appointment date
    - If this is not available then the earliest date available i.e. isolation date +1, last read date +1
  - The read used when removing the isolation should be the same as the latest accepted read
    - Following delivery of XRN4645A, a read greater than the previous actual read will result in the transaction being rejected
  - Reads should then be submitted as normal, when available
    - If the meter was found with a read higher than the previous/isolation read then following the RGMA status update this higher read should be submitted using the appropriate read file for the product class

# How can CDSP support

- Requirements will be added to the Data Discovery Platform (DDP) backlog to create reporting to support the identification of impacted sites. Suggested measures:
  - Isolated MPRNs that have had incrementing reads rejected
  - MPRNs where an attempt was made to remove the isolation with an incrementing read and that read has not been submitted
- Option currently under impact assessment
  - Deliver legacy reporting under this XRN to do the above as an interim measure
    - Would DSG endorse this?



# DSG Discussion

- Recommendation is to close down the XRN once the requirements are logged with DDP
- Do DSG members have any issues or concerns with this approach?



**2d.ii. – XRN5093 - Update of AUG Table to reflect new EUC bands (Modification 0711)**

**DSG – 27<sup>th</sup> July 2020**

High Level System Solution  
Impact Assessment

# Change Overview

## XRN5093 - Update of AUG Table to reflect new EUC bands (Modification 0711)

Under XRN4665, new EUC bands were created in UK Link however it was decided by the industry that the new EUCs would not be assigned an individual UIG weighting factor to feed the UIG process. Based on this there are currently 36 UIG weighting factors, made up of the original 9 EUC bands divided into 4 classes (Class 1, 2, 3, 4).

Under XRN5093, the new EUC bands will be assigned an individual UIG weighting factor which will factor into the UIG sharing process. This means the number of weighting factors will be updated from 36 to 60 to account for the new EUC bands across the 4 classes.

The reason for this change is to ensure individual weighting factors for all EUCs can be provided and utilised within all downstream processes. This is suggested to improve the accuracy of UIG allocation and so further competition.

This means the associated system changes required to facilitate XRN5093 to take account of the additional weighting factors, will need to be live by October 2021.

## Solution Options

1

EUC changes in UK Link and GEMINI to accept new UIG factors for accurate nomination, allocation and smearing - EUC band details will remain 3 characters within USS file

2

EUC changes in UK Link, GEMINI and MarketFlow to accept new UIG factors for accurate nomination, allocation and smearing – EUC to be extended to 5 characters in the USS file helping to future proof the solution

# Option 1 - High Level Impact Assessment

## XRN5093 - Update of AUG Table to reflect new EUC bands (Modification 0711)

### SAP ISU: (Internal to the CDSP)

EUC Band 1 and Band 2 will be divided from 1 generic band (01B, 02B) to 4 bands each for smearing calculation based on Market sector code (Domestic and Industrial) and Meter type (Pre-payment and Non-Pre-payment). The band 1 will be named as 1ND, 1PD, 1NI, 1PI and band 2 will be named as 2ND, 2PD, 2NI and 2PI.

- EUC Band 3 to Band 9 naming conventions for smearing purpose will remain unchanged as part of this XRN.
- The USS file (internal to CDSP) should contain the EUC band using new naming conventions and it should be accepted in SAP ISU.
- K91 (ZISU\_UKLP\_K91\_INV\_UG\_SMEAR) segment population logic in the ASP supporting information file needs to be amended to account for the new UIG factors for the new EUC bands. *(No file format amendment is required)*
- There will be small changes to existing reports for internal (to the CDSP) invoice validation purposes.
- No change is assumed in CSEP creation (CIC), CSEP amendment (CAI) file and other CSEP related SPA files.
- A configurable parameter table will be created to future proof the solution should any other bands (03B to 08B) need to be broken down to consider a different UIG weighting factor within each winter.
- Extensive testing coverage is required in System Integration Testing (SIT) and Regression Testing (RT) considering the nature of this change to avoid any potential impact on Billing, Smearing and other downstream processes.

### SAP BW:

There are impacts to SAP BW objects as part of this change from around 12 reports. Changes to Data sources will be required to incorporate this change.

- Changes to Data services also required as Gemini data flows into SAP BW through BODS.

### Gemini: (Internal to the CDSP)

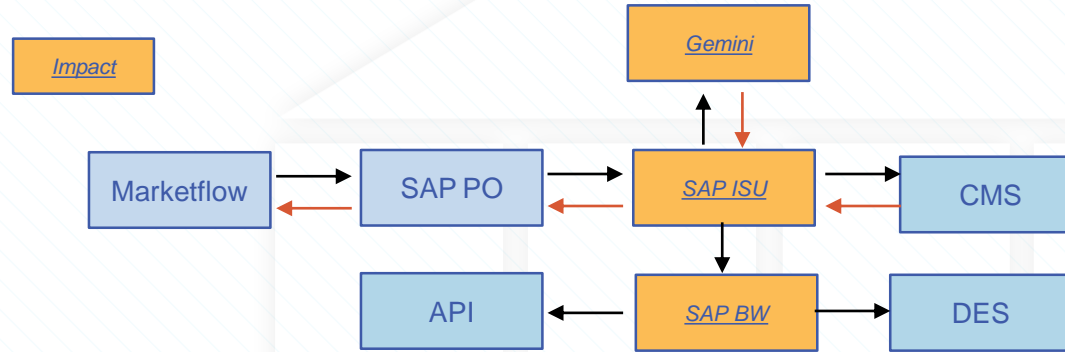
Impact on S12 file load interface incoming interface to load new UIG weighting factor for the split EUC band (1ND, 1PD , 1NI , 1PI and 2ND, 2PD , 2NI , 2PI) .

- Gemini USS file generation program to accommodate the new EUC band and UIG share factor.
- Gemini UIG job with NDM Estimation needs to be tested due to split of the EUC band to see if the UIG calculation and allocation is happening correctly.
- DM and NDM allocation need to be tested and the updated USS file post UIG calculation with split EUC band.
- The Energy balancing Invoice need to be tested post final imbalance and cash out.

# Option 1 - High Level Impact Assessment

1

## Impacted Systems



## Assumptions

- No change to the file formats for any involved existing files
- Market Trials costs are not considered.
- 1 Month of Post Implementation Support (PIS) effort is considered
- Estimate is based on Xoserve's understanding of the High Level Requirements
- Changes to the requirements or solution design could vary the effort and cost
- Gemini cost has been included in the estimate and complexity
- Future proofing of UIG factors only within this estimate.
- If New EUC bands are required to be created, further impact assessment is required based on the new EUC determining attributes for creation of new EUCs.

Overall Impact	Release Type	Change Size (Complexity)	High Level Cost Estimate
High (UK Link and Gemini)	Major	XL	175,000 to 250,000 GBP

# Option 1 - System Impact Assessment

1

	Reports	Interface	Conversion	Enhancements	Gemini	Data Migration
<b>System Component:</b>	BW, Billing	Gemini to ISU	NA	ISU	Gemini	NA
<b>Impacted Process Areas:</b>	Demand Estimation, Billing	Demand Estimation	NA	Billing, Smearing	UIG Share Factor	NA
<b>Complexity Level (per RICEFW item):</b>	Medium	Medium	NA	High	High	NA
<b>Change Description:</b>	<ul style="list-style-type: none"> <li>4 DSO changes</li> <li>2 BO Universe changes</li> <li>3 Report changes (Comval, Audit Reports)</li> </ul>	<ul style="list-style-type: none"> <li>To load new EUC band in USS file</li> </ul>	NA	<ul style="list-style-type: none"> <li>Smearing logic changes</li> <li>K91 population logic changes</li> <li>Future proofing elements</li> </ul>	<ul style="list-style-type: none"> <li>Gemini USS file generation batch job</li> <li>UIG SHARE FACTOR values</li> <li>New UIG SHARE FACTOR values will flow to SAP BW</li> </ul>	NA

	ISU	BW	PO	Gemini	MarketFlow	API
<b>Test Data Prep Complexity:</b>	High	Medium	NA	Medium	NA	NA
<b>Unit and Sys Test Complexity:</b>	High	Medium	NA	High	NA	NA
<b>Pen Test Impact:</b>	N	N	NA	Medium	NA	NA
<b>Regression Testing Coverage:</b>	High	High	NA	High	NA	NA
<b>Performance Test Impact:</b>	Y	Y	NA	N	NA	NA
<b>Market Trials:</b>	N	N	NA	N	NA	NA
<b>UAT Complexity:</b>	High	High	NA	High	NA	NA

# Option 1 - Process Impact Assessment

1

Process Area	Complexity	File Formats	Exceptions	External Screens	Batch Jobs	Performance Test?
SPA	n/a	n/a	n/a	n/a	n/a	n/a
Metering (Reads)	n/a	n/a	n/a	n/a	n/a	n/a
Reconciliation	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing – Capacity	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing – Commodity	High	n/a	n/a	n/a	n/a	n/a
Invoicing – Amendment	High	n/a	n/a	n/a	n/a	Yes
Invoicing – Other	n/a	n/a	n/a	n/a	n/a	n/a
Rolling AQ	n/a	n/a	n/a	n/a	n/a	n/a
Formula Year AQ	n/a	n/a	n/a	n/a	n/a	n/a
RGMA	n/a	n/a	n/a	n/a	n/a	n/a
DSC Service	n/a	n/a	n/a	n/a	n/a	n/a
Other (Smearing)	High	n/a	n/a	n/a	n/a	Yes

# Option 2 - High Level Impact Assessment

## XRN5093 - Update of AUG Table to reflect new EUC bands (Modification 0711)

### SAP ISU: (Internal to the CDSP)

EUC Band 1 and Band 2 will be divided from 1 generic band (01B, 02B) to 4 bands each for smearing calculation based on Market sector code (Domestic and Industrial) and Meter type (Pre-payment and Non-Pre-payment). The band 1 will be named as 1ND, 1PD, 1NI, 1PI and band 2 will be named as 2ND, 2PD, 2NI and 2PI.

- EUC Band 3 to Band 9 naming conventions for smearing purpose will remain unchanged as part of this XRN.
- The USS file (internal to CDSP) should contain the EUC band using new naming conventions and it should be accepted in SAP ISU.
- K91 (ZISU\_UKLP\_K91\_INV\_UG\_SMEAR) segment population logic in the ASP supporting information file needs to be amended to account for the new UIG factors for the new EUC bands. *(No file format amendment is required)*
- There will be small changes to existing reports for internal (to the CDSP) invoice validation purposes.
- No change is assumed in CSEP creation (CIC), CSEP amendment (CAI) file and other CSEP related SPA files.
- A configurable parameter table will be created to future proof the solution should any other bands (03B to 08B) need to be broken down to consider a different UIG weighting factor within each winter.
- Extensive testing coverage is required in System Integration Testing (SIT) and Regression Testing (RT) considering the nature of this change to avoid any potential impact on Billing, Smearing and other downstream processes.

### MARKETFLOW: (Internal to the CDSP)

Amend EUC value in USS (S12) file format to 5 CHAR from 3 CHAR to accommodate possible future EUC band changes and ensure consistency across all interfaces (this is an internal file to the CDSP)

### SAP BW:

There are impacts to SAP BW objects as part of this change from around 12 reports. Changes to Data sources will be required to incorporate this change.

- Changes to Data services also required as Gemini data flows into SAP BW through BODS.

### Gemini: (Internal to the CDSP)

Impact on S12 file load interface incoming interface to load new UIG weighting factor for the split EUC band (1ND, 1PD, 1NI, 1PI and 2ND, 2PD, 2NI, 2PI).

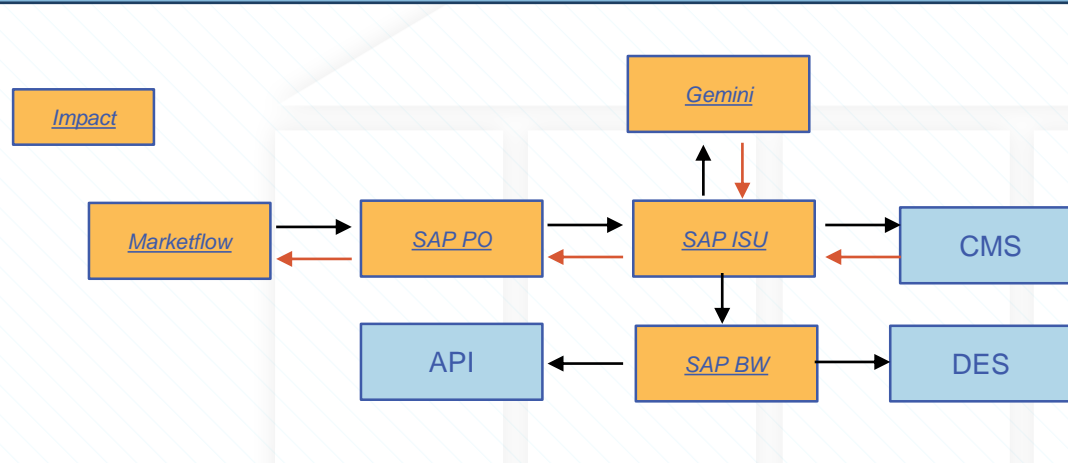
- Gemini USS file generation program to accommodate the new EUC band and UIG share factor.
- Gemini UIG job with NDM Estimation needs to be tested due to split of the EUC band to see if the UIG calculation and allocation is happening correctly.
- DM and NDM allocation need to be tested and the updated USS file post UIG calculation with split EUC band.
- The Energy balancing Invoice need to be tested post final imbalance and cash out.



# Option 2 - High Level Impact Assessment

2

## Impacted Systems



## Assumptions

- File format change is considered for changing in USS file
- Market Trials costs are not considered.
- 1 Month of PIS effort is considered
- Estimate is based on Xoserve's understanding of the High Level Requirements
- Changes to the requirements or solution design could vary the effort and cost
- Gemini and MarketFlow costs are considered in the estimate
- FR12 is considered for future proofing of UIG factor only should the solution be required to maintain different values in AUG table from EUC band 03B to 08B with new EUC bands.
- If New EUC bands are required to be created, further impact assessment is required based on the new EUC determining attributes for creation of new EUCs.

Overall Impact	Release Type	Change Size (Complexity)	High Level Cost Estimate
High (UK Link, MarketFlow and Gemini)	Major	XL	175,000 to 250,000 GBP

# Option 2 - System Impact Assessment

2

	Reports	Interface	Conversion	Enhancements	Gemini	AMT Marketflow/PO
<b>System Component:</b>	BW, Billing	Gemini to ISU	NA	ISU	Gemini	AMT and SAP PO
<b>Impacted Process Areas:</b>	Demand Estimation, Billing	Demand Estimation	NA	Billing, Smearing	UIG Share Factor	USS file Format change
<b>Complexity Level (per item):</b>	Medium	Medium	NA	High	High	Medium
<b>Change Description:</b>	<ul style="list-style-type: none"> <li>4 DSO changes</li> <li>2 BO Universe changes</li> <li>3 Report changes (Comval, Audit Reports)</li> </ul>	<ul style="list-style-type: none"> <li>To load new EUC band in USS file</li> <li>Accepting EUC file with 5 character</li> </ul>	NA	<ul style="list-style-type: none"> <li>Smearing logic changes</li> <li>K91 population logic changes</li> <li>Future proofing (FR12)</li> </ul>	<ul style="list-style-type: none"> <li>Gemini USS file generation batch job</li> <li>UIG SHARE FACTOR values</li> <li>New UIG SHARE FACTOR values will flow to SAP BW</li> </ul>	<ul style="list-style-type: none"> <li>USS File format change to UIG Share Factor</li> <li>Amend from 3 to 5 CHAR acceptable values</li> </ul>

	ISU	BW	PO	Gemini	MarketFlow	API
<b>Test Data Prep Complexity:</b>	High	Medium	Medium	Medium	Medium	NA
<b>Unit and Sys Test Complexity:</b>	High	Medium	Medium	High	Medium	NA
<b>Pen Test Impact:</b>	N	N	NA	Medium	NA	NA
<b>Regression Testing Coverage:</b>	High	High	Medium	High	Medium	NA
<b>Performance Test Impact:</b>	Y	Y	NA	N	NA	NA
<b>Market Trials:</b>	N	N	NA	N	NA	NA
<b>UAT Complexity:</b>	High	High	Medium	High	Medium	NA

# Option 2 - Process Impact Assessment

2

Process Area	Complexity	File Formats	Exceptions	External Screens	Batch Jobs	Performance Test?
SPA	n/a	n/a	n/a	n/a	n/a	n/a
Metering (Reads)	n/a	n/a	n/a	n/a	n/a	n/a
Reconciliation	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing – Capacity	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing – Commodity	High	n/a	n/a	n/a	n/a	n/a
Invoicing – Amendment	High	n/a	n/a	n/a	n/a	Yes
Invoicing – Other	n/a	n/a	n/a	n/a	n/a	n/a
Rolling AQ	n/a	n/a	n/a	n/a	n/a	n/a
Formula Year AQ	n/a	n/a	n/a	n/a	n/a	n/a
RGMA	n/a	n/a	n/a	n/a	n/a	n/a
DSC Service	n/a	n/a	n/a	n/a	n/a	n/a
Other (Smearing)	High	Medium	n/a	n/a	n/a	Yes

# Xoserve Preferred Solution Option

2

## Xoserve's recommended option: Option 2

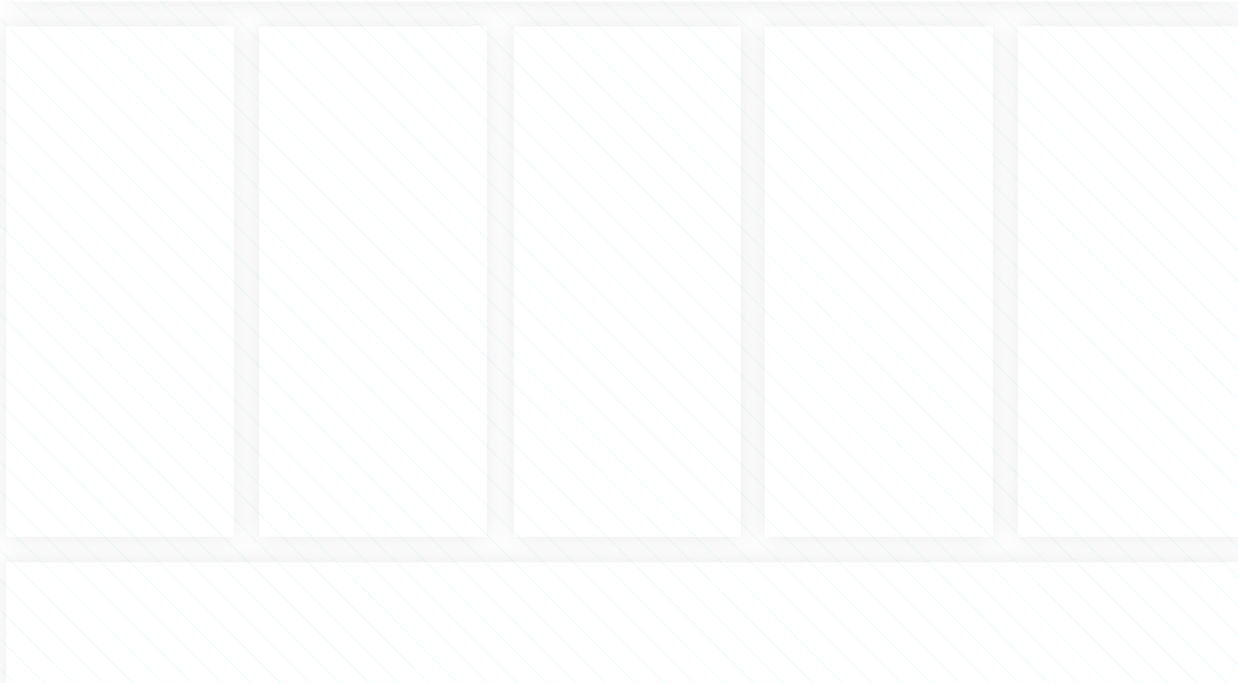
- In addition to updating the AUGE table as required by this change as in option 1, this option includes configurability for any further changes to EUC bands.
- By incorporating the change to character length field within the USS file, it provides future proofing giving flexibility, should future changes to EUC Bands arise it will be easier to manage e.g. including WAR bands, LDZs which EUCs
- It provides change to the EUC band field so all interfaces are consistent across Gemini/AMT/PO/ISU
- **Note** – the USS file change (extending EUC Band character length from 3 to 5 characters) is an internal file, therefore this will not affect external users



### **3. Changes in Detailed Design**

## 3a. Design Considerations

- 3a.i. – XRN4989 - B - Online end to End Credit Interest Process





## **3a.i. – XRN4989 - B - Online end to End Credit Interest Process**

Overview

# Background

- Following implementation of XRN4989-A (MiR7), the Credit Interest Invoice process has become fully automated, this includes...
  - The identification of qualifying MPRN's via closed Duplicate (DUP) contacts through CMS
  - Calculating the Credit Interest charges and issuing via the INT Invoice Type
  - Sending of Supporting Information via the Information eXchange (IX) in the agreed File Format (.IIS - Interest Invoice Supporting Information)
- A Detail Design Change Pack for XRN4989-A was issued out in May-2020 (2587.2 - MT - JR) and stated that no amendments were to be made to the NEXUS approved .IIS File Format
- However during testing it was identified that changes may be required to the .IIS File Format to mitigate potential risks



# Overview

- During testing the following risks were identified...
  1. The current Max Occurrences (3000) for the K77 (INTEREST\_DETAIL) Record may be set too low
    - The K77 Record gives the Shipper visibility of the different variances that make up the overall Credit Interest Adjustment
    - Variances occur where there is a change in standing data items that feed the calculation of charges (e.g. Barclays Base Rate (BBR) change)
  2. The current INTEREST\_NO\_OF\_DAYS data item Character Length (3) within the K77 Record may be set too low
    - The INTEREST\_NO\_OF\_DAYS data item shows the number of days for the relevant variance record
    - If a variance spans a long period with no changes to standing data items and the Credit Interest Adjustment goes back a long time then the number could exceed 999 days

# Overview

- As a result the CDSP are proposing to make the following amendments to the .IIS File Format & Hierarchy
  1. The current Max Occurrences (3000) for the K77 (INTEREST\_DETAIL) Record may be set too low
    - Increase the Max Occurrence for the K77 Record within the .IIS file to **750,000**
    - This is to account for potential increase in DUP contacts (same Shipper/DN) and in BBR changes
  2. The current INTEREST\_NO\_OF\_DAYS data item Character Length (3) within the K77 Record may be set too low
    - Increase the Character Length for the INTEREST\_NO\_OF\_DAYS data item to **5**
    - This will allow up to 9999 days per variance period

# Overview

- Either of the risks highlighted will stop the CDSP from being able to successfully process the .IIS file via the IX
- As the File Format changes were not included within MiR7, there will be a period of time where the .IIS file may have an occurrence and character length breach (up until implementation of XRN4989-B)
- This risk is extremely low, however if this does happen, the file would need to be sent via email to impacted Shippers as previously discussed
- The CDSP has (following implementation of MiR7) put a process in place to identify where these issues occur and have the appropriate business teams ready to execute the workaround

# Overview

- It was originally proposed that these additional changes (XRN4989-B) were to be added to the scope of MiR8
- But this is now not the case, the changes to the File Format & Hierarchy is planned to be deliver via Minor Enhancement
- Exact dates for delivery of the system changes needed to facilitate this change will be communicated out once known
- The intention is to ensure the .IIS Supporting Information is issued out in October-2020 (3rd last business day) and will have the proposed amendments made to it
- Detail Design Change Pack (2634.2 - MT - JR) was issued out in July-2020 with the proposed amendments to File Format & Hierarchy

## DSG Action

- This is for awareness only
- Detail Design Change Pack 2634.2 - MT – JR will closeout for representations on the 27<sup>th</sup> July 2020
- Any concerns regarding anything outlined in this presentation would need to be raised ASAP (preferably via the Change Pack Consultation Process)

## 3b. Requirements Clarification

- **None for this meeting**




## **4. Potential new PSR Code relating to COVID-19**

For Information

# Background

- Safeguarding Customers Working Group (SCWVG) meets each month with a purpose of bringing together Distribution Network Operators (DNOs), Gas Distribution Networks (GDNs), Suppliers as well as non-industry relevant bodies, i.e. Age UK and Citizen's Advice, for the purpose of delivering Ofgem's vulnerable customer strategy
- The group's main aim is to look at areas using a co-ordinated approach across the industry to benefit and safeguard customers in vulnerable situations



# Overview

- At a recent SCWG meeting it was posed (via National Energy Action (NEA)) that more needs to be done regarding impacts of COVID-19 on fuel poverty
- One of the potential ways to achieve this is to introduce a new Priority Services Register (PSR) Needs Code
- This was challenged by a number of Suppliers as a GDPR consideration and the right of passing this PSR Code to parties (e.g. DN/iGT/Shippers) that have no direct financial relationship with the end consumer

## Overview Cont.

- Agreement across the board was given for a need to do something to identify effected consumers but a new PSR code may not be the right solution
- This was left with SCWG members being asked to have a think about how this can be achieved and consider the PSR route
- Any amendments to the PSR Needs Codes would have to be facilitated via a SPAA Change Proposal to update MDD
- The CDSP wanted to bring this potential requirement to your attention as if the PSR route is chosen, and due to it's relationship with COVID-19, delivery would be expected to be fast tracked

# DSG Action

- None, for awareness only
- CDSP will engage further once outcome is known
- If DSG representatives have any strong views on this and are not represented at SCWG, please feed these to us via [uklink@xoserve.com](mailto:uklink@xoserve.com)
- Alternatively please contact [regulation@energynetworks.org](mailto:regulation@energynetworks.org)
- SCWG Website: <https://www.energynetworks.org/info/safeguarding-customers/safeguarding-customers-overview.html>

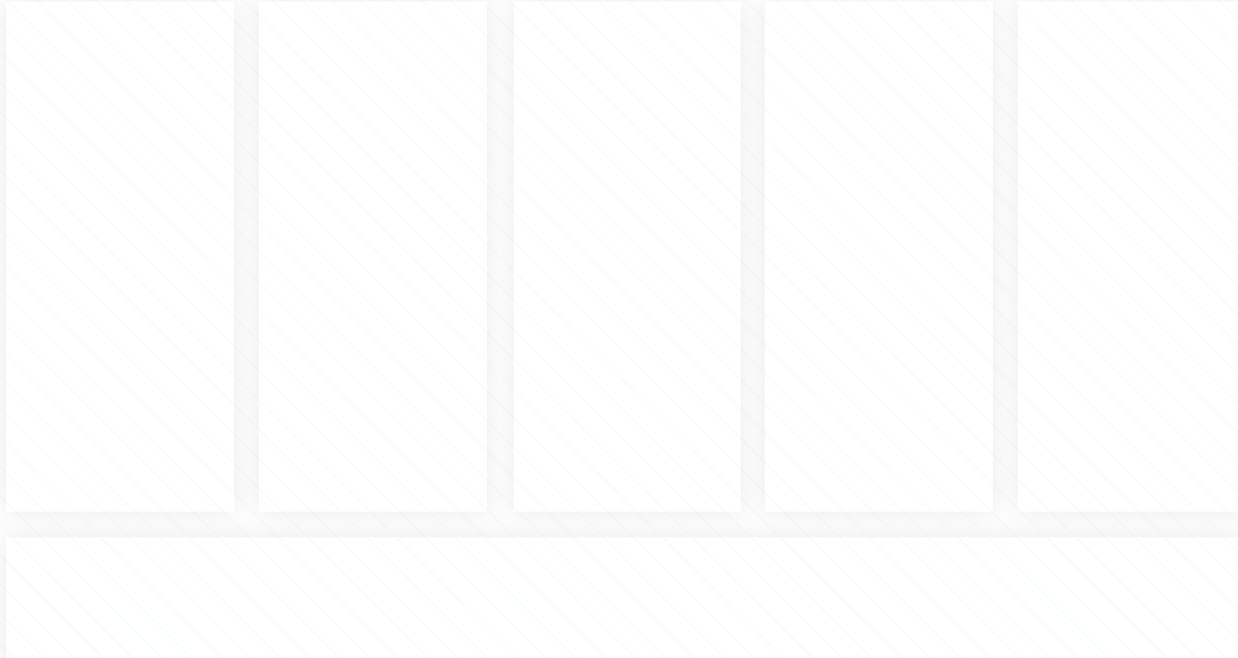


## **5. CNC Processing Update**

Verbal Update

## 5. CNC Processing Update

- Verbal update to be provided by James Barlow.





## **6. Major Release Update**

## 6. Major Release Update

- 6a. June 2020
- 6b. November 2020
- 6c. XRN4914 - MOD 0651- Retrospective Data Update Provision
- 6d. Minor Release Drop 7



## **6a. XRN4996 - June 2020 Release update**



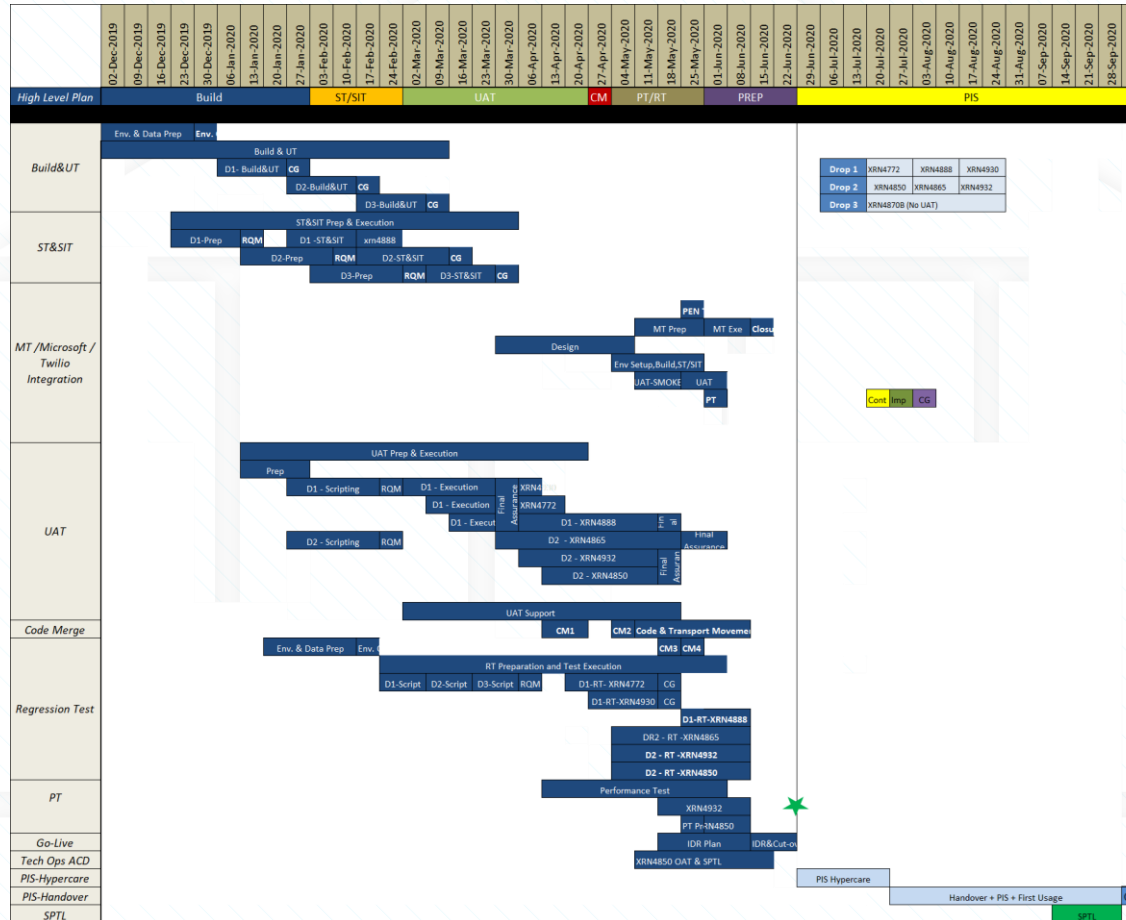
## 6a. XRN4996 - June 20 Release (Core UKLink Changes) - Status Update

27 <sup>th</sup> July 2020	Overall Project RAG Status:			
	Schedule	Risks and Issues	Cost	Resources
RAG Status				
Status Justification				
Schedule	<ul style="list-style-type: none"> <li>• <b>Delivery:</b> Implementation successful and Go Live confirmed on 27<sup>th</sup> June 5 UK Link XRN's. Only the file format changes for xrn4850 (CNF/CNC) have been implemented.</li> <li>• <b>PIS:</b> Project has entered PIS phase, project team are monitoring first usage and any defects identified</li> <li>• <b>CNC file processing enhancement:</b> Workstream established to increase system capacity from 30,000 per day to enable upload of Customer Contact details. We request shippers to liaise with their Customer Advocates prior to uploading customer Contact details into UK Link</li> </ul>			
Risks and Issues	<ul style="list-style-type: none"> <li>• <b>Risk</b> – There is a risk that Shippers will send in bulk files with customer information through the CNF/CNC files because of the implementation of xrn4850 functionality leading to increased pressure on Xoserve systems.</li> </ul>			
Cost	<ul style="list-style-type: none"> <li>• Project Delivery costs are in line with approved BER</li> </ul>			
Resources	<ul style="list-style-type: none"> <li>• Weekly monitoring of Xoserve SME resources supporting multiple demands (e.g. BAU defects, Future Releases, COVID19 priorities etc.) is ongoing</li> </ul>			

# xrn4850 New Service SMS/Email Broadcast Notification (as part of the June 20 release)

27 <sup>th</sup> July 2020	Overall Project RAG Status:			
	Schedule	Risks and Issues	Cost	Resources
RAG Status				
Status Justification				
Schedule	<ul style="list-style-type: none"><li>• <b>Xrn4850 Delivery:</b> File format changes for xrn4850 (CNF/CNC) have been implemented and PO/EFT channels configured and disabled.</li><li>• <b>Contract Management:</b> Paper submitted and discussed at Contract Management on 15<sup>th</sup> July to seek authority from Data Controllers authorising transfer of data outside of EEA before we can commence the SMS service with Twilio. CoMC have requested supporting evidence to be submitted to SPAA on 5<sup>th</sup> August detailing tendering process for Twilio being selected and what Xoserve have in place to mitigate any GDPR concerns, before a final decision being made at CoMC on 19<sup>th</sup> August.</li><li>• <b>New Service Implementation:</b> Following conclusion of the above, project team will implement the new service functionality to enable Networks to request Broadcast messages to be sent to end consumers, planned for late August/early September.</li><li>• <b>PIS:</b> PIS for the new service will commence following implementation. The original PIS duration, 3 months, will need to be extended as a result. Cost implications under analysis and will be shared.</li><li>• <b>Change Requests:</b> The CR's from Market Trials have been captured and impact analysis is underway. Timings and costs will be shared at the next meeting for approval to be implemented during PIS/subsequent release.</li></ul>			
Risks and Issues	<ul style="list-style-type: none"><li>• <b>Issue</b> – The duration of PIS will need to be extended for the new service for xrn4850 due to the delay of this service going live meaning the service is not used within the original PIS window</li><li>• <b>Risk</b> - Contact Management committee do not approve the transfer of data outside of the EEA or there is a delay in them providing approval because of an unacceptable level of risk to them as data controllers leading to a delay to the implementation of the new service functionality and an extension to project timeline and costs</li></ul>			
Cost	<ul style="list-style-type: none"><li>• Project Delivery costs are in line with approved BER</li></ul>			
Resources	<ul style="list-style-type: none"><li>• Weekly monitoring of Xoserve SME resources supporting multiple demands (e.g. BAU defects, Future Releases, COVID19 priorities etc.) is ongoing</li></ul>			

# XRN4996 - June 20 Release Timelines



# June 20 Release Summary

June 20 Release consists of 7 changes, Implementation is planned for June 2020:

## In Scope

- **XRN4772** - Composite Weather Variable (CWV) Improvements
- **XRN4888** - Removing Duplicate Address Update Validation for IGT Supply Meter Points via Contact Management Service (CMS)
- **XRN4930** – Requirement to Inform Shipper of Meter Link Code Change
- **XRN4850** - Notification of Customer Contact Details to Transporters
- **XRN4865** - Amendment to Treatment and Reporting of CYCL Reads
- **XRN4932** - Improvements to the quality of the Conversion Factor values held on the Supply Point Register (MOD0681S)
  
- **XRN4780 (B)**\*\*\* – Inclusion of Meter Asset Provider Identity (MAP Id) in the UK Link system (**CSS Consequential Change**)

## Descoped

- ~~**XRN4691**\*\* - CSEPs: IGT and GT File Formats (CGI Files)~~
- ~~**XRN4692**\*\* - CSEPs: IGT and GT File Formats (CIN Files)~~
- ~~**XRN4780 (B)** - Inclusion of Meter Asset Provider Identity (MAP Id) in the UK Link system (CSS Consequential Change)~~
- ~~**XRN4871 (B)**\*\* - Changes to Ratchet Regime (MOD0665)~~
- ~~**XRN4941**\* - Auto updates to meter read frequency (MOD0692)~~

\* Pending Solution/MOD approval by ChMC/DSG for remaining CRs. Descoped at ChMC on 08/01/20

\*\* Descoped at eChMC on 22/11/19

\*\*\* Added to scope (revised scope from original)

# June 20 PIS Customer Amendment file (CNC) Defect Summary

- UK Link June 2020 Major Release was implemented on 27th June 2020
- Following implementation, when the Customer Amendment file (CNC) was being sent to UKLink with both a 'CON' and 'BRO' update sent within the S66 record, one of the records (BRO or CON) was accepted and the other incorrectly rejected with reason code CT00032 error.
- This will mean that updates are not being recorded in UKLink and not being issued to the Distribution Networks and IGTs within their daily update files
- The code fix was implemented on 4<sup>th</sup> July 2020, any valid updates processed after this date will be recorded in UKLink
- All Shippers who have had their updates rejected prior to the fix being implemented, will be contacted on Tuesday 7<sup>th</sup> July providing the MPRNs and to discuss options for processing the rejected records.
- A lessons learnt will be conducted to identify why this issue occurred and why this was not picked up during testing. Any actions from this will be discussed at Augusts ChMC.



## **6b. XRN5110 – November 2020 Release update**

# 6b. XRN5110 Nov 20 - Scope

XRN5110 November 20 Release consists of 6 changes. Implementation is planned for November 2020

## 1. Track 1

- **XRN 4931 - Submission of a Space in Mandatory Data on Multiple SPA Files**
- **XRN 4897 - Resolution of deleted Contact Details (contained within the S66 records) at a Change of Shipper event**
- **XRN 4899 - Treatment of Priority Service Register Data and Contact Details on Change of Supplier Event**

## 2. Track 2

- **XRN 4801 - Additional Information in DES**
- **XRN 4871b - Ratchet Regime Changes**
- **XRN 5014 - Facilitating HyDeploy2 Live Pilot**

## Descoped changes

- **XRN 4941 - MOD 692 – Auto Updates to Read Frequency**
- **XRN 4992 - Supplier of Last Resort Charge Types**

## To be delivered by CSSC

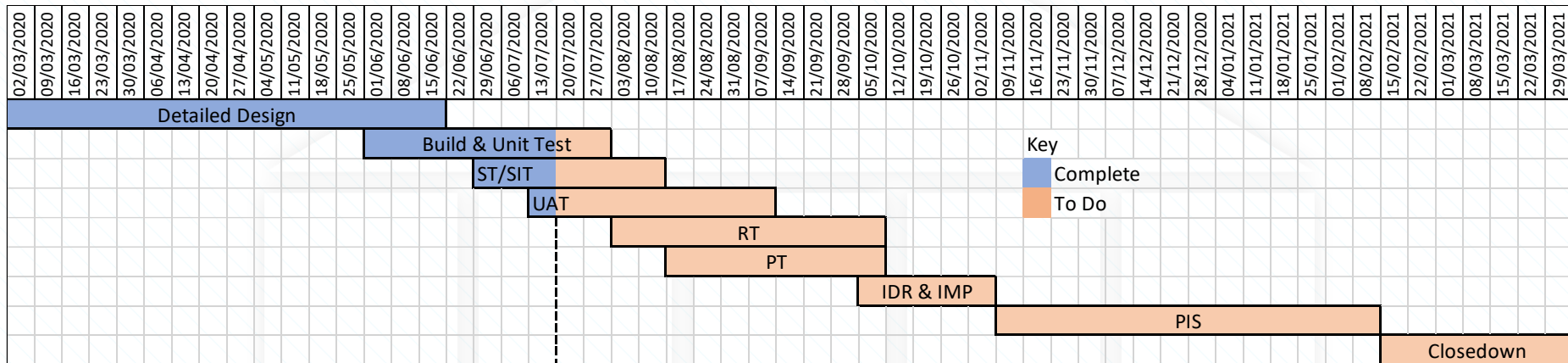
- **XRN 4780c - MAP ID**

# XRN5110 Nov 20 - Status Update

27/07/20	Overall Project RAG Status:			
	Schedule	Risks and Issues	Cost	Resources
RAG Status				
Status Justification				
Schedule	<p><b>Design</b></p> <ul style="list-style-type: none"> <li>Design activities completed 19/06/20. Design milestone and Stage Gate completed 09/07/20</li> </ul> <p><b>Track 1</b></p> <ul style="list-style-type: none"> <li>Build activities completed - 03/07/20</li> <li>SIT in progress and due to finish 28/07/20. This is within the planned contingency for SIT</li> <li>UAT to start 27/07/20</li> </ul> <p><b>Track 2</b></p> <ul style="list-style-type: none"> <li>Build activities in progress and due to finish – 30/07/20.</li> <li>SIT preparation activities ongoing, SIT execution due to start as planned for Track 2 changes that have completed Build – 20/07/20</li> <li>UAT preparation ongoing, execution planned to start -17/08/20</li> </ul> <p><b>Security</b></p> <ul style="list-style-type: none"> <li>Working with Information Security to complete change impact assessments</li> </ul>			
Risks and Issues	<ul style="list-style-type: none"> <li>Medium Risk: Retro fit of BAU code may delay the completion of SIT &amp; UAT</li> <li>Low Risk: Missed requirements and test scenarios due to parallelism of resources between Nov 20 and all other projects.</li> <li>Low Risk: COVID-19 may impact availability of key resources</li> </ul>			
Cost	<ul style="list-style-type: none"> <li>BER approved - 10/06/20</li> <li>Full Business Case approved XEC – 23/06/20</li> <li><b>Forecast to complete within budget</b></li> </ul>			
Resources	<ul style="list-style-type: none"> <li>SME resources have been allocated for UAT and Tech Ops resource requirements have been requested</li> </ul>			



## XRN5110 Nov 20 - Delivery Timeline



	Change	Description	Change Pack	FS	Test Scenarios	Technical Spec	Build & UT	ST/SIT	UAT	RT
Track 1	XRN4931	Space in SPA Files	Approved	Approved	Approved	On Track to Plan	100%	64%		
	XRN4897	Resolution of Contact Details	Approved	Approved	Approved	On Track to Plan	100%	67%		
	XRN4899	Treatment of Contact Details	Approved	Approved	Approved	On Track to Plan	100%	67%		
Track 2	XRN4871b	Ratchet Regime Changes	Approved	Approved	Approved	On Track to Plan	70%			
	XRN4801	Additional Detail in DES	Approved	Approved	Approved	On Track to Plan	100%	0%		
	XRN5014	Hydeploy Trial	Approved	Approved	Approved	On Track to Plan	100%	0%		



**6c. *XRN4914 MOD 0651- Retrospective Data Update  
Provision –  
Proof of Concept Progress update***

## **6c. *XRN4914 MOD 0651- Retrospective Data Update Provision –*** **Proof of Concept Progress update**

- Verbal update to be provided by Paul Orsler



## **6d. Minor Release Drop 7 Update**

## 5d. XRN5152 – Minor Release Drop 7 - Status Update

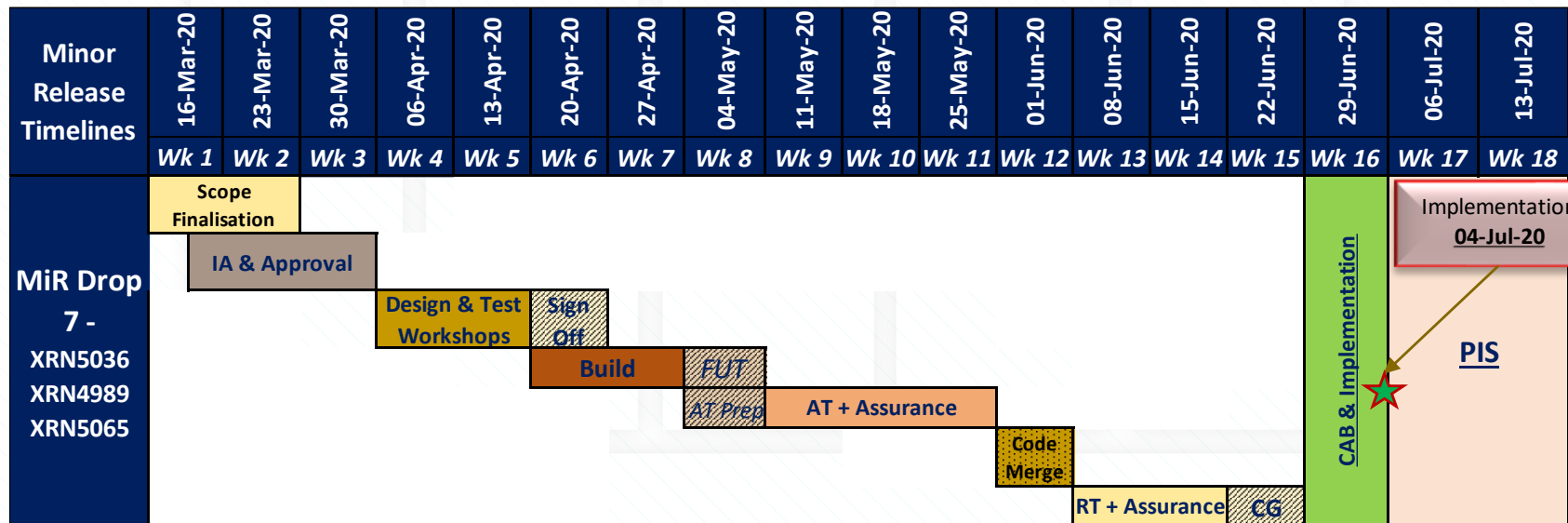
17/07/20	Overall Project RAG Status:			
	Schedule	Risks and Issues	Cost	Resources
RAG Status				
Status Justification				
Schedule	<ul style="list-style-type: none"> <li>Three changes included in XRN5152 Minor Release Drop 7 successfully implemented on 04/07/2020: <ul style="list-style-type: none"> <li>➤ XRN5036 – Updates to Must Read Process (removes AMR and SMART from Must Read contacts - precursor to Nov 2020)</li> <li>➤ XRN4989 – Online Solution for Credit Interest Process (to automatically issue the supporting info through IX)</li> <li>➤ XRN5065 – Addition of Email Address to DES Last Accessed Report (security enhancement)</li> </ul> </li> <li>PIS phase started 06/07/2020 due to end 07/08/2020</li> <li>First Usage Monitoring to begin Monday 20th July 2020</li> <li>Project Closedown activities have begun - Project to be closedown by 21/08/2020</li> </ul>			
Risks and Issues	<ul style="list-style-type: none"> <li>BAU Pre-Prod Refresh of ISU / BW happening w/c 20/07 – workaround in place should any first usage issues arise during PIS</li> </ul>			
Cost	<ul style="list-style-type: none"> <li>Changes are being delivered as part of Minor Release Budget 20/21.</li> <li>BER for ChMC approval – 13/05/20</li> </ul>			
Resources	<ul style="list-style-type: none"> <li>Weekly monitoring of Xoserve SME and Business Process Users to support PIS / First Usage</li> </ul>			

# XRN5152 – Minor Release Drop 7 Timelines

## Key Dates:

- Impact Assessment Completed / signed off – 03/04/20
- Design Complete / signed off – 20/04/20
- Build Complete MiRD7– 01/05/20
- Testing Complete – 19/06/20
- Implementation Complete – 04/07/20
- PIS Complete – 21/08/2020

*Dates now baselined following completion of detailed design*





## **7. UK Link Releases Update**



July 2020 DSG

# **UK LINK FUTURE RELEASES UPDATE**

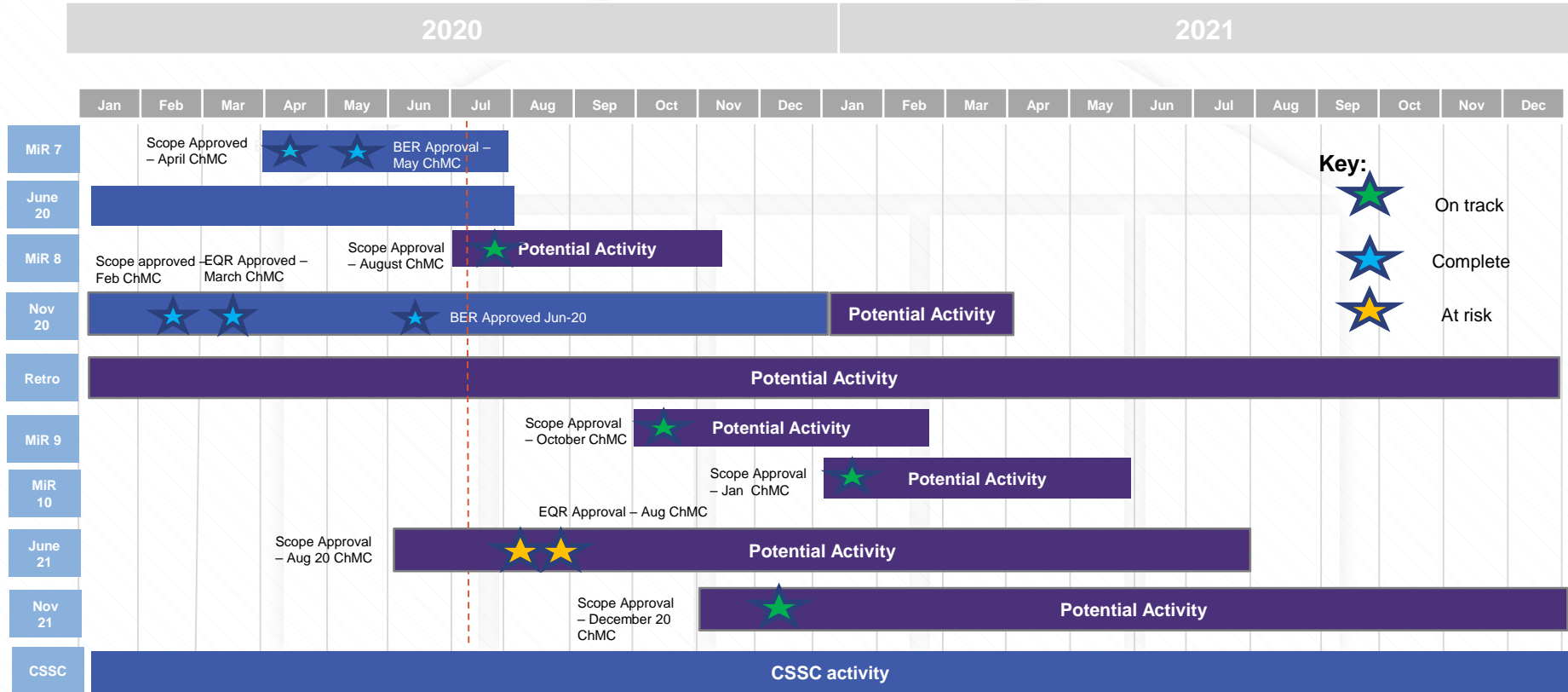


# UKLink Future Releases Update

## Agenda:

- Future Releases update – For Information
  - Future Releases Governance Timeline 2020 – 2021
  - Changes in delivery
- Future Releases – For Information:
  - June 2021 – potential scope
  - November 2021 – potential scope
  - Minor Release Drop 8 – potential scope
- Glossary

# 2020/2021 UK Link Governance Timeline



- Please note that this slide includes potential activity within UK Link over the next 24 months
- Assumes 3x Minor Releases required prior to May 2021

# Change Index – UK Link Allocated Change

Confirmed Release	XRN	Change Title	Current Status	UK Link Release	Complexity	Finance
Jun-20	4865	Amendment to Treatment and Reporting of CYCL Reads	In Delivery	June 2020	Small	Shippers / DNO
	4772	Composite Weather Variable (CWV) Improvements	In Delivery	June 2020	X-Large	Shippers / DNO
	4930	Requirement to Inform Shipper of Meter Link Code Change	In Delivery	June 2020	Small	Shippers
	4932	Improvements to the quality of the Conversion Factor values held on the Supply Point Register (MOD0681S)	In Delivery	June 2020	Medium	Shippers / DNO
	4850	Notification of Customer Contact Details to Transporters	In Delivery	June 2020	X-Large	IGTs / DNO
	4888	Removing Duplicate Address Update Validation for IGT Supply Meter Points via Contact Management Service (CMS)	In Delivery	June 2020	Medium	IGTs
	4780b	MAP ID Part B	In Delivery	June 2020	Large	Shippers
CSSC	4780c	MAP ID Part C	In Capture	April 2022*	Large	Shippers
	4627	Consequential Central Switching Services	In Delivery	April 2022*	N/A	Shippers
Retro	4914	Retro Proof of Concept	In Delivery	Standalone	N/A	DNO
Nov 2020	5014	Hydeploy Live Trial	In Delivery	Nov 2020	Large	Northern/DNO
	4897/4899	Contact details – resolution of deleted contact details and PSR data at change of shipper event	In Delivery	Nov 2020	Large	Shippers
	4931	Submission of space in mandatory data on multiple SPA files	In Delivery	Nov 2020	Medium	Shippers
	4801	Additional info into DES	In Delivery	Nov 2020	Medium	Shippers
	4871b	Ratchet regime changes part B	In Delivery	Nov 2020	Large	DNO

- Minor Release Drop 7 has now been implemented successfully
- Implementation date for CSSC expected to be April 2022. TBC..\*

# UK Link Future Releases Potential Scope

Proposed Release	XRN	Candidate Change Title	Comments	Current Status	Complexity	Points	Finance
Jun-21	4941	MOD0692 - Auto updates to meter read frequency	Descoped from Nov 20. Under appeal	Design	Large	13	Shippers
	4992	MOD0687 – Creation of new charge to recover last resort supply payments	Descoped from Nov 20. MOD approval outstanding	Design	Large	13	Shippers
	5093	MOD0711 – Update of AUG Table to reflect new EUC bands	HLSOs in review	In Capture	X-Large	21	Shippers
	5038	MOD0691 – Class 2,3 or 4 meter points to Class 1 when G1.6.15 criteria are met	Depending on solution option chosen this change could be delivered via a Minor Release	In Capture	Tbd	Tbd	Shippers
	5142	New allowable values for DCC Service Flag in DXI File from DCC	Related to a SEC change	In Capture	Tbd	Tbd	DNO
Nov 21	4990	MOD0664 – Transfer of sites with low read submission performance		In Capture	Tbd.	Tbd	Shippers
	5063	MOD0719R – Flow Weighted Average CV (FWACV)	Change is likely to be very complex and may not be delivered by a UK Link Major Release.	In Capture	XXX-Large	Tbd	DNO
	5186 / 5187	Aligning Capacity booking under the UNC and arrangements set out in relevant NEXAs / or / MOD0696 - Addressing inequities between Capacity booking under the UNC and arrangements set out in relevant NEXAs	Only one of 5186 or 5187 will be considered for a UK Link Future Release.	In Capture	Tbd.	Tbd	DNO
	5072	Class 4 with AMR/DRE installed		In Capture	Tbd.	Tbd	Shippers
	5091	Deferral of creation of Class change reads at transfer of ownership		In Capture	Tbd.	Tbd	Shippers
MiR D8	5181	Rejection of consumption adjustments	Impact assessment in progress. This XRN will be renamed.	In Capture	Tbd	Tbd	N/A
	5188	Interim data loads of MAP ID into UK Link	Impact assessment in progress	In Capture	Tbd	Tbd	N/A

- Service sustaining activity may be considered for inclusion in future releases.

# Glossary

Project Phase Abbrev.	Project Phase
FUT	Factory Unit Testing
IA	Impact Assessment
IDR	Implementation Dress Rehearsal
PIS	Post Implementation Support
PT	Performance Testing
RT	Regression Testing
SIT	System Integration Testing
ST	System Testing
Capture Artefact Abbrev.	Capture Artefact
CP	Change Proposal
HLSO(s)	High Level Solution Option(s)



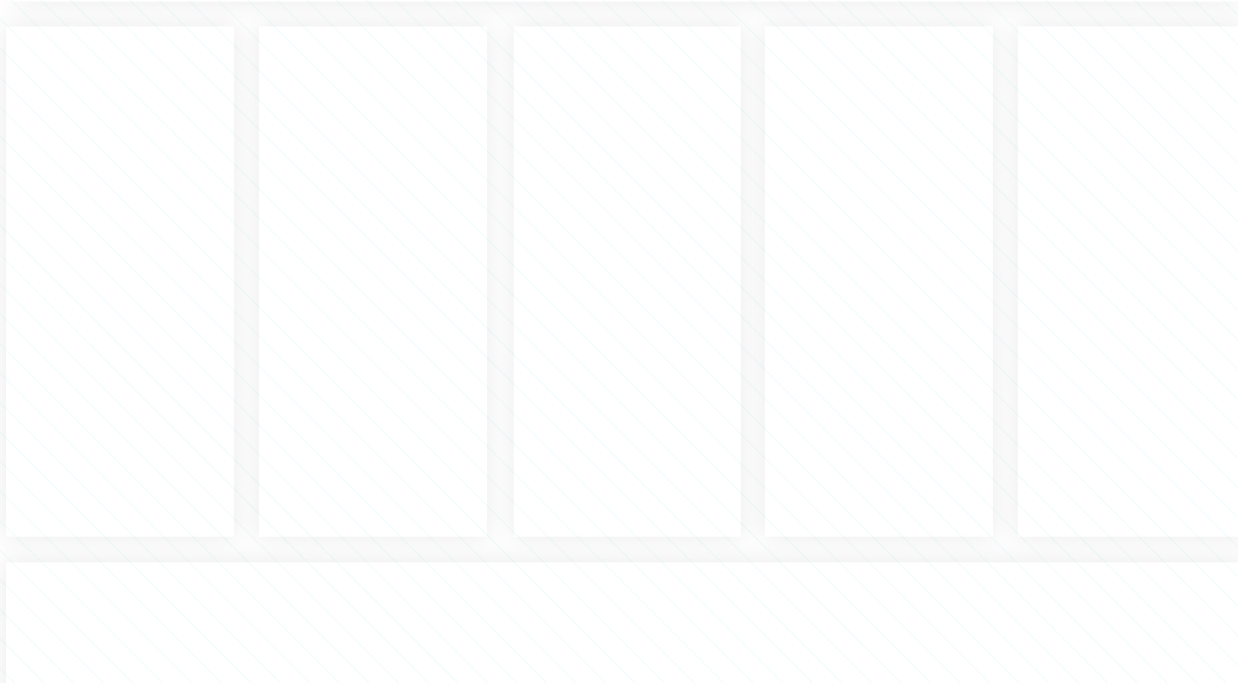
## **8. Issue Management**

## 8. Issue Management

- 8a. AQ Taskforce Update
- 8b. Proposals for Resolution of MN09 Exceptions

# AQ Defects

- The AQ issue register can be found on [Xoserve.com](https://xoserve.com) for resolution fix dates.







## **8a. AQ Taskforce Update**

# 7a. AQ Taskforce Update

Issue Management Dashboard:

- [https://gasgov-mst-files.s3.eu-west-1.amazonaws.com/s3fs-public/ggf/2020-07/7.3.1%20Customer%20Issue%20Management%20Dashboard%20-%20CoMC%2015-07-20%20V1.pptx?13AJbsj18WR9JubuXbj45exU92\\_GdzP9=](https://gasgov-mst-files.s3.eu-west-1.amazonaws.com/s3fs-public/ggf/2020-07/7.3.1%20Customer%20Issue%20Management%20Dashboard%20-%20CoMC%2015-07-20%20V1.pptx?13AJbsj18WR9JubuXbj45exU92_GdzP9=)

AQ Taskforce:

- [https://gasgov-mst-files.s3.eu-west-1.amazonaws.com/s3fs-public/ggf/2020-07/7.3.4%20AQ%20Taskforce%20Update%20.pptx?\\_eGOWIW16f66mhnbgIxl1\\_TnU9Rx6LwH=](https://gasgov-mst-files.s3.eu-west-1.amazonaws.com/s3fs-public/ggf/2020-07/7.3.4%20AQ%20Taskforce%20Update%20.pptx?_eGOWIW16f66mhnbgIxl1_TnU9Rx6LwH=)



## **8b. Proposals for Resolution of MN09 Exceptions**

DSG 27<sup>th</sup> July 2020

# Background

- An 'Exception' is raised by UKLink SAP system where the system is unable to complete an activity for an MPRN(s). These system exceptions then require to be investigated and resolved.
- The majority of exceptions are resolved via a technical or business solution and have no impact to customers as they are resolved before they are needed in the next step of the process. However, there are three outstanding exceptions which we are unable to resolve.
- A communication was sent to customers on 27<sup>th</sup> April 2020 providing details of these Exceptions and impacted MPRNs are issued in the Amendment Invoice MI issued around the 20<sup>th</sup> business day.
- One of these Exceptions; MN09 is raised following receipt of a Site Visit Read/Check Read for Class 4 meter points where the prevailing volume is zero.
- A change has been raised and is currently planned to be implemented in October 2020 if the change can be delivered in a 'minor release'. If this is not possible, the next 'major release' the fix can be implemented would be November 2021.

# Communications to Customers

- A communication was issued to Contract Managers on the 14<sup>th</sup> July 2020
- The same comms was issued to DSG members on 17<sup>th</sup> July 2020
- The comms included the impacted MPRNs and the period of the reconciliation charges that have been held
- To date (as at 17<sup>th</sup> July) we have received a response preferring option 2A.

# MN09 Exceptions

- For Class 4 meter points, following receipt of a Check Read, the system is unable to process the Check Read when the prevailing volume is zero, an Exception is created, however there is currently no process to resolve the Exception without further impacts on other processes.
- The exception is generated during the reconciliation process when deriving the reconciliation energy and charges, this impacts the reconciliation factor used for the calculation for NDM MPRNs.
- There are currently c 10,000 MPRNs impacted by this scenario for Class 4 meter points. Does not affect Class 3 MPRNs.
- Following an Exception being raised, any subsequent reconciliations will also be held from billing.
- In this scenario the AQ is not impacted.
- The following slide provides options to resolve the Reconciliation charges, however, the proposals may have an impact on the AQ.
- The proposal is to carry out a consumption adjustment for the Check to Check period. This will release the reconciliation charges and any subsequent held reconciliations.

# Options

Option	Description	Pros	Cons
1	Do nothing: MN09 Exceptions remain outstanding until full solution is implemented	Following implementation of the fix, the reconciliations will be processed and AQs will be calculated using the revised consumption (if applicable)	The number of impacted MPRNs will continue to increase & any subsequent reconciliation will also be held.
2A (recommended)	Carry out consumption adjustment for the relevant period to release the reconciliation charges. Do nothing with the AQ, let the AQ calculate as normal. Monitor any changes in the AQ to identify any impacts on Capacity charges (AQ changes charging band).	Reconciliation charges released. AQs monitored to ensure no impact to Capacity charges. Discuss with customer options to amend AQ (AQ Correction or carry forward current AQ)	Impacts to AQ as the AQ calculation which will result in the AQ reducing where the consumption is used in the calculation. Impacts daily allocations however this is corrected through reconciliation processes.
2B	Carry out consumption adjustment for the relevant period to release the reconciliation charges. Carry forward the AQ as at 1 <sup>st</sup> June 2020 until full solution is implemented.	Reconciliation charges released. AQ is not impacted as AQ as at 1 <sup>st</sup> June will be carried forward each month (where a read is received).	AQ is not revised following receipt of a valid read. AQ will remain at the same value until the full solution is implemented.
2C	Carry out consumption adjustment for the relevant period to release the reconciliation charges. Apply a backstop date to all affected MPRNs so the AQ does not calculate.	Reconciliation charges released. AQ is not impacted as backstop date is applied to prevent revision of the AQ.	Requires Shipper to submit an AQ Correction which will prevent a revised AQ being calculated for at least 9 months.

## Next Steps

- Agree preferred option
  - It will need to be 1 option agreed by customers
- A plan will be communicated, based on the option agreed, for the next steps that will need to be taken





## **Annex – For Information**

## 9. DSC Change Management Committee Update

8<sup>th</sup> July 2020 meeting

# New Change Proposals

Xoserve Ref No.	Change title	Next steps	Service area
XRN5007	Enhancement to reconciliation process where prevailing volume is zero	Approved to Capture	Service Area 5: Metered Volume and Metered Quantity
XRN5188	Interim Data Loads of MAP Id into UK Link	Approved to Capture	Service Area 1: Manage Supply Point Registration
XRN5192	CMS Reference Number in Amendment Invoice Supporting Data	Approved to Capture	Service Area 7: NTS Capacity, LDZ Capacity, Commodity, Reconciliation, Ad-hoc adjustment and balancing invoices
XRN5193	Stop MUR Generation of GT SMPs	Approved to Capture	Service Area 2 – Provide query management
XRN5195	Shipper Withdrawal	Approved to Capture	Service Area 21: Data flows and services to Network Operators
XRN5196	Address Amendments Validation	Approved to Capture	Service Area 21: Data flows and services to Network Operators
XRN5197	QMP File Validation in CMS	Approved to Capture	Service Area 21: Data flows and services to Network Operators
XRN5199	Amendments to V12 of the SDT Service Description Table	Information Only	CoMC to approve into delivery on 15 <sup>th</sup> July
XRN5200	Shipper Pack Transition to Data Discovery Platform	Approved to Capture	Service Area 18: Provision of user reports and information

## Detailed Design Outcomes – May Change Packs

Xoserve Ref No.	Change title	Voting Outcome
XRN4376	Gas Transmission Charging Regime	Approved subject to replying to DN comments
XRN4989	Online End to End Credit Interest Process	Approved
XRN5116	Domestic Report - Must Read Prenotification	Defer to August
XRN4922	CSSC Shipper BRD	Approved
N/A	UK Link File Formats CSS Consequential Change	Approved
N/A	CSSC Code of Connections	Approved
N/A	Query APIs Technical Specification Secondary API Error Handling Strategy	Approved

# Change Documents

- **CCR – Approved**
  - XRN5156 COVID19 REC121 Report Amendment
  - XRN5161 COVID 19 UIG\_Additional\_National\_Data\_YYYYMM Frequency Change
  - Gemini Spring 2020 Release (covers XRN5053 and XRN5054)
- **BER - Approved**
  - XRN4645A The rejection of incrementing reads submitted for an Isolated Supply Meter Point (RGMA flows)



## **10. DSG Defect Summary**

# Defect Summary Stats

Stats as per RTC extract taken on Friday 17<sup>th</sup> July 2020 10am

## Defect Landscape (Open/Closed vrs PGL/New)

	PGL Defects						Newly Discovered Defects							GRAND RELEASE TOTALS	
	D1	D2	D3	D4	D5	TOTAL	D1	D2	D3	D4	D5	Not Set	TOTAL		
Urgent Fix (D1/D2)	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
R6.02	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
On Hold	0	0	0	0	0	0	0	0	0	0	16	0	0	16	16
Requires CR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Release Planning	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Future Release Dependent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Currently Unallocated	0	0	0	0	0	0	0	0	0	1	39	1	0	41	41
TOTAL OPEN	0	0	0	0	0	0	0	0	0	1	57	1	0	59	59
Resolved	0	7	34	81	16	138	9	226	587	473	19	13	1327	1465	
Fix Deployed - Pending Data Correction	0	0	0	0	0	0	0	0	0	1	4	0	0	5	5
TOTAL CLOSED	0	7	34	81	16	138	9	226	588	477	19	13	1332	1470	
GRAND TOTAL	0	7	34	81	16	138	9	226	589	534	20	13	1391	1529	

**Note:** We are now using a new tool for Defects, called RTC therefore going forward, the Defect numbers will be RTC IDs as opposed to HPQC IDs; which will be reflected in the following slides going forward.

# R5.14b

The below fixes were deployed to production on the 12<sup>th</sup> of June 2020 (Inclusive of Amendment Invoice Impacting Defects)

Defect ID (RTC)	Status	Description	Release	Deployed/closed on:	Amendment Invoice Impacting
60942	Resolved	UBR read remaining in pending status	R5.14	12/06/2020	No
61745	Resolved	Incorrect FYAQ/SOQ provided in TRF file	R5.14	12/06/2020	No

Release 5.15a is scheduled for the 19<sup>th</sup> of June, and Release 5.15b is scheduled for the 26<sup>th</sup> of June (*Next Slide*)

Note: We are still planning a fortnightly release deployment. However if fixes are ready in the interim, we may deploy in between releases. This is why you may see “a” and “b” suffixes in the release names.



# R5.15a & R5.15b

The below fixes were all deployed to production on the 19<sup>th</sup> and the 26<sup>th</sup> of June 2020 (Inclusive of Amendment Invoice Impacting Defects)

Defect ID (RTC)	Status	Description	Release	Deployed/closed on:	Amendment Invoice Impacting
61963	Resolved	Changes does not consider scenarios where transfer estimation is triggered by processes other than confirmation (SLA Waiver)	R5.15	19/06/2020	No
62202	Fix Deployed - Pending Data Correction	A wrong LDZ is present in the UMR Table for backbilling scenario; Production Defect for June 2020 Project	R5.15	26/06/2020	No
62219	Resolved	Incorrect ratchet quantities on the ratchet detail report	R5.15	26/06/2020	No
62274	Resolved	The RGMA-GSR Report had overrun, resulting in MPRN details not being sent to the User	R5.15	19/06/2020	No

Release 6.01a is scheduled for the 3<sup>rd</sup> of July, and Release 6.01b is scheduled for the 10<sup>th</sup> of July 2020 (*Next Slide*)

Note: We are still planning a fortnightly release deployment. However if fixes are ready in the interim, we may deploy in between releases. This is why you may see “a” and “b” suffixes in the release names.

# R6.01a & R6.01b

The below fixes were all deployed to production on the 3<sup>rd</sup> and the 10<sup>th</sup> of July 2020 (Inclusive of Amendment Invoice Impacting Defects)

Defect ID (RTC)	Status	Description	Release	Deployed/closed on:	Amendment Invoice Impacting
61747	Resolved	Rejection of an AQ Correction Submission	R6.01	03/07/2020	No
61810	Resolved	Alternate contact Issue in the IDL File	R6.01	03/07/2020	No
61895	Resolved	The comments field in the data base table is restricted to 100 characters	R6.01	03/07/2020	No
61941	Resolved	Check to Check rec is not happening for a particular MPRN	R6.01	03/07/2020	Yes
62028	Resolved	Replacement read for inactive read is getting accepted and loaded as active read, where it should be rejected. (SLA Waiver)	R6.01	03/07/2020	No

Release 6.02a is scheduled for the 17<sup>th</sup> of July, and Release 6.02b is scheduled for the 24<sup>th</sup> of July 2020.

Note: We are still planning a fortnightly release deployment. However if fixes are ready in the interim, we may deploy in between releases. This is why you may see “a” and “b” suffixes in the release names.

# Urgent Fixes

The below fix was deployed as an Urgent Fix (D1/D2)

Defect ID	Status	Description	Release	Deployed On:	Amendment Invoice Impacting
61866	Resolved	Incorrect FYAQ/AQ Values chosen	Urgent Fix (D1/D2)	10/06/2020	No

# Amendment Invoice Impacting Defects - Open

Defect ID	Status	Primary Business Process	Description
61005	Awaiting CAB	READS	MR15 exception not created when the variance volume was negative but total volumes was positive and vice versa
61019	DRS In Progress	RGMA - READS	Incorrect Volume in SAP due to multiple check read processing on same day in incorrect sequence
61159	Assigned	READS	(ON HOLD as this is locked under an urgent CSI based on Problem Record 2505 )Class change from 4 to 1 not updating total check to check volume and energy against MRD
61452	UAT Execution	READS	Rec is not happening for Prime and sub site when there is RGMA or class change or shipper transfer estimated read
61453	UAT Failed	READS	Issue in Reconciliation for Prime Sub sites : Total deemed volume and total deemed energy is populated incorrectly in case of Read replacement and read insertion scenario
62060	Assigned	READS	(On HOLD objects are currently locked under defect#61926 and defect#1458. and defect#60996) The cyclical read received with read on class change end date should be made inactive to avoid issues with rec
62134	UAT Execution	READS	High priority - NDM Replacement read – Class 4 , system has created 0 volume between OPNT and FINC reads
62178	UAT Execution	READS	Exception needs to be created in cases where profiles upload results in errors

# Amendment Invoice Impacting Defects – Open Cont'd

Defect ID	Status	Primary Business Process	Description
62397	UAT Execution	INV	Amendment billing issue; When a bill adjustment trigger is spanning across two contracts, it is not getting properly billed.
62432	UAT Execution	INV	ASP Simulation Job Failure for the Bill Month 03.2020
62434	UAT Execution	INV	High priority - There are incorrect Records In the ASP Simulation File
62513	Assigned	READS	ON HOLD object locked with Defect #61926 and Defect#62060. (Introduced by Defect 1464) - When the Cyclic read is received in the Class 3 period before RGMA activity date(D-1), the Profile values are being loaded.
62634	Assigned	READS	(ON HOLD as we have identified code conflict with June20 code changes )Inconsistent C2C behavior of RGMA activity with partial reads through UPD file(Identified during defect 61714 testing)
62687	UAT Execution	READS	The read inserted or replaced for class 3, after a class change from 3 to another, is considering class 3 FICC date as the next read date
62784	Fix In Progress	READS	(Issue on TC6 of defect 62185 will be fixed under defect 62784 )( On Hold object locked with defect# 60999.)Read is inserted between OPNN and OPNT after a REC is performed, OPNT read should not be ignored during the Re-REC (June 20 Potential BAU defect    62337   )



## 11. Portfolio Delivery

# 12. Portfolio Delivery

- 11a. Portfolio Delivery Overview POAP
- 11b. Data Delivery Overview

# 11a. Portfolio Delivery Overview POAP

- The POAP is available [here](#).

