DSC Delivery Sub-Group

22nd February 2021

DSG Agenda

22nd February 2021

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.	XRN5298 H100 Fife Project - Phase 1 (Initial Assessment)	Slides	Simon Harris	For information and discussion
2a.ii.	XRN5299 Future Billing Methodology (analysis only)	Slides	Steve Pownall	For information and discussion
2a.iii	XRN5309 FSG: Automating the FSR (Mod0565) process	Slides	Steve Pownall	For information and discussion
2a.iv.	XRN5318 Assessing Supplier MPID Reassignment (analysis only)	Slides	Paul Orsler	For information and discussion
2a.v.	XRN5319 Assessing MPID Reassignment for All Party Types (analysis only)	Slides	Paul Orsler	For information and discussion
2b.	Change Proposal Initial View Representations - **None for meeting**			
2c.	Undergoing Solution Options Impact Assessment Review - **None for meeting**			
2d.	Solution Options Impact Assessment Review Completed			
2d.i.	XRN5200 – Shipper Pack Transition to Data Discovery Platform	Slides	Rachel Taggart	For Information and discussion
2d.ii.	XRN5218 – Modification 0710 – CDSP Provision of the Class 1 Read Service	Slides	Ellie Rogers / Kate Lancaster	For Information and discussion
3.	Changes in Detailed Design			
3a.	Design Considerations			
3a.i.	XRN4941 – Auto updates to meter read frequency (MOD0692)	Slides	Simon Harris	For information and discussion
3a.ii.	XRN5285 – COVID-19 Capacity Retention Process	Slides	Kate Lancaster	For information and discussion
3b.	Requirements Clarification – **None for this meeting**			

DSG Agenda (2)

4.	**Major Release Update**			
4a.	June 2020	Slides	Simon Burton / Surfaraz Tambe	Standing agenda item – for information (if there is an update)
4b.	November 2020	Slides	Ed Healy	Standing agenda item – for information (if there is an update)
4c.	Minor Release Drop 9	Slides	Bali Bahia	Standing agenda item – for information (if there is an update)
4d.	June 2021	Slides	Tom Lineham	Standing agenda item – for information (if there is an update)
4e.	November 2021	Slides	Tara Ross	Standing agenda item – for information (if there is an update)
5.	UK Link Releases Update Overview	Slides	Richard Hadfield	Standing agenda item – for information (if there is an update)
6.	Issue Management			
6a.	AQ Task Force Update	Slides	Michele Downes	Standing agenda item – for information (if there is an update)
7.	CMS Rebuild	Slides	Joanne Williams/Linda Whitcroft	For information and discussion
8.	AOB	Slides	Chair	For Information and discussion
8a.	February KVI Survey	Slides	Chair	For information and discussion
8b.	File Format Repository - Matters for Guidance	Slides	David Addison	For information and discussion
	Annex – For Information			
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

2. Changes in Capture

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

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

- **2a.i. –** XRN5298 H100 Fife Project - Phase 1 (Initial Assessment)

- **2a.ii. –** XRN5299 Future Billing Methodology (analysis only)

- **2a.iii. –** XRN5309 FSG: Automating the FSR (Mod0565) process

- **2a.iv. –** XRN5318 Assessing Supplier MPID Reassignment (analysis only)

- **2a.v. –** XRN5319 Assessing MPID Reassignment for All Party Types (analysis only)

2a.i. – XRN5298 H100 Fife Project - Phase 1 (Initial Assessment)

XRN5298 H100 Fife Project - Phase 1 (Initial Assessment)

Voting Parties

Customer Class	Voting Party?
Shipper	X
Distribution Network Operators (DNOs)	X
National Grid Transmission	
IGT's	

DSC Service Area:	Service Area 1: Manage supply point registration
Link to Change Proposal	[Link to CP](#)

Change Type	Regulatory
Priority Score	High

Sponsor Representative	SGN

Change Details

Problem Statement

SGN's strategic ambition towards Net Zero includes a network innovation, 'proof of concept', project; H100 Fife. This project will see SGN injecting 100% hydrogen into a new, purpose-built network which will be located in parallel to the existing natural gas network. Initially, 300 existing domestic consumers will be invited to migrate their supplies from natural gas to hydrogen for their energy requirements.

Change Description

Phase 1: Xoserve to undertake an initial assessment to develop high-level solution options and a delivery project plan that SGN will present to Ofgem in March 2021. Xoserve should consider the impacts on, but not be limited to:
- Shippers' daily Energy Balancing (including NDM forecasting/allocation)
- Meter Supply Point; AQs, SOQs and reads
- Invoicing; settlement & reconciliation
- LDZ Shrinkage, CV shrinkage and UIG
- Faster Switching and RGMA
- Implications on DN LDZ daily CV calculation (FWACV); specifically, LDZ CV capping (Thermal Energy Regulations)
- Impacts of any solution on customer end gas bills. [tbc]
- Potential solution might include new MPRN correction factors

Phase 2: Xoserve will undertake the detailed assessment, design and development of an agreed solution design. Xoserve will implement the solution to support SGN's H100 Fife during Q2 2023

2a.ii. – XRN5299 Future Billing Methodology (analysis only)

XRN5299 Future Billing Methodology (analysis only)

Voting Parties

Customer Class	Voting Party?
Shipper	
Distribution Network Operators (DNOs)	X
National Grid Transmission	X
IGT's	

DSC Service Area:	N/A
Link to Change Proposal	Link to CP

Change Type	Regulatory
Priority Score	High

Sponsor Representative	Cadent

Change Details

Problem Statement

Cadent's continued work on its Future Billing Methodology (FBM) Project now requires Xoserve to undertake a re-assessment of the further defined conceptual requirements. The options require further assessment to determine the best approach and measures to unlock potential to de-carbonise heat using existing gas networks.

Change Description

As per the attached Cadent document: CADENT NIC04 - FBM CHANGES FOR XOSERVE

Note: Xoserve has previously provided XRN4323 (July 2017) that provided an initial high-level cost estimate. It might be beneficial to use this as a basis for XRN5299.

2a.iii. – XRN5309 FSG: Automating the FSR (Mod0565) process

XRN5309 FSG: Automating the FSR (Mod0565) process

Voting Parties

Customer Class	Voting Party?
Shipper	
Distribution Network Operators (DNOs)	X
National Grid Transmission	
IGT's	X

DSC Service Area:	Service Area 7: NTS Capacity, LDZ Capacity, Commodity, Reconciliation, Ad-hoc adjustment and balancing invoices
Link to Change Proposal	Link to CP
Change Type	Non Regulatory
Priority Score	Medium
Sponsor Representative	Scotland and Southern Gas Networks (SGN)

Change Details

Problem Statement

SGN has raised this change proposal on behalf of all Gas Distribution Networks. The revised RIIO-2 Failure to Supply Gas (FSG) arrangements will reduce the timescale for the FSG process e.g. compensation payments from fortnightly to weekly. As a consequence, automation of the FSR manual workaround is required.
Note: This change was originally in the scope of XRN5080 (within Option 2) however, due to delivery time constraints, ChMC agreed (11th Nov '20) to descope this element and, that a new change proposal should be raised. The **XRN5080 HLSO** may be used as a basis for this Change Proposal.

Change Description

Automate the FSR file (Mod0565) manual workaround, including the reporting (for output to DNs) for those MPRNs > 73,200 kWh i.e. on transfer from domestic to I&C FSG compensation payment threshold

2a.iv. – XRN5318 Assessing Supplier MPID Reassignment (analysis only)

XRN5318 Assessing Supplier MPID Reassignment (analysis only)

Voting Parties

Customer Class	Voting Party?
Shipper	X
Distribution Network Operators (DNOs)	X
National Grid Transmission	X
IGT's	X

DSC Service Area:	N/A
Link to Change Proposal	[Link to CP](#)

Change Type	Non Regulatory
Priority Score	Medium

Sponsor Representative	E.ON

Change Details

Problem Statement

Currently the allocation of Market Participant Identity (MPID) short codes for Suppliers are linked to the Company Number issued and associated to the Organisation the Supply Licence granted.

In gas, once a Supplier is allocated an MPID under a particular Company Number it cannot be changed between different Supply Licences which have been granted, so, in the event of a Supplier of Last Resort (SoLR) or company acquisition the short code cannot be simply 'lifted and shifted' but instead flows to refresh the IDs have to be issued or the update isn't allowed to be completed and new unique ID is created.

Change Description

This XRN is being raised to explore the impacts to all CDSP systems including, but not limited to, UK Link, Gemini, DES, CMS and DDP.

The investigation is to assess the implications and approximate costs to replicate the MPID reassignment principal in electricity (although not an exact process replica, it should be still designed to best suit gas).

- Please see the CP for full problem statement and description

2a.v. – XRN5319 Assessing MPID Reassignment for All Party Types (analysis only)

XRN5319 Assessing MPID Reassignment for All Party Types (analysis only)

Voting Parties

Customer Class	Voting Party?
Shipper	X
Distribution Network Operators (DNOs)	X
National Grid Transmission	X
IGT's	X

DSC Service Area:	N/A
Link to Change Proposal	Link to CP

Change Type	Non Regulatory
Priority Score	Medium

Sponsor Representative	E.ON

Change Details

Problem Statement

Currently the allocation of Market Participant Identity (MPID) short codes for all party types such as Suppliers, Shippers, are linked to the Company Number issued and associated to the Organisation the Licence granted.

In gas, once the unique 3 digit short code is allocated to an MPID under a particular Company Number it cannot be changed between different entities which have been granted licences or another party type, such as Meter Asset Provider (MAP) or Meter Asset Manager (MAM).

In the event of a Supplier of Last Resort (SoLR) or company acquisition the short code cannot be simply 'lifted and shifted' but instead flows to refresh the IDs have to be issued or mass movements of portfolios or data refreshes have to occur, adding cost and effort to the industry for something which could be a lot simpler and more efficient if the 'lift and shift' approach was able to be utilised.

Change Description

This XRN is being raised to explore the impacts to all CDSP systems including, but not limited to, UK Link, Gemini, DES, CMS and DDP.

The investigation is to assess the implications and approximate costs to replicate the MPID reassignment principal in electricity (although not an exact process replica, it should be still designed to best suit gas).

- Please see the CP for full problem statement and description

2b. Change Proposal Initial View Representations

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- **None for this meeting**
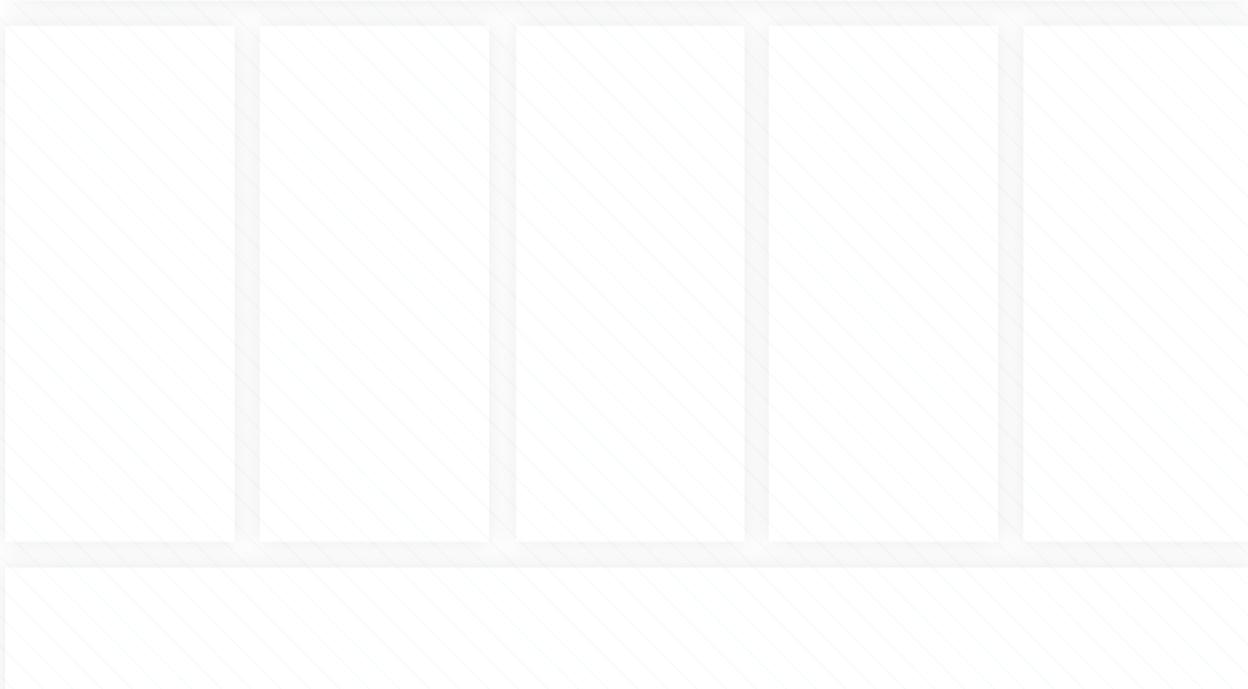
2c. Undergoing Solution Options Impact Assessment Review

2c. Undergoing Solution Options Impact Assessment Review

- **None for this meeting**

2d. Solution Options Impact Assessment Review Completed

2d. Solution Options Impact Assessment Review Completed

- 2d.i. – XRN5200 – Shipper Pack Transition to Data Discovery Platform

- 2d.ii. – XRN5218 – Modification 0710 – CDSP Provision of the Class 1 Read Service

2d.i. – XRN5200 Shipper Pack Transition to Data Discovery Platform

High Level System Solution
Impact Assessment

Change Overview

XRN5200 Shipper Pack Transition to Data Discovery Platform

This change seeks to establish a framework and timescale for the de-commissioning of Shipper Packs content once all related data and topics are delivered via reporting in DDP.

To rationalise reporting some Shipper Pack topics were incorporated with corresponding PARR Report topics to align data. Xoserve continued to provide the data in the current format in addition to DDP. User Stories have been created for the remaining Shipper Pack topics and added to the DDP backlog for prioritising into delivery.

The joint production of Shipper Packs and DDP data is resulting in:

a) Inefficient use of resource to manually collate and format data extracts for Shipper Pack
b) Duplicated reporting statistics
   • Future changes, requested by shippers, could result in regret spend as both platforms would have to be changed until legacy is decommissioned

Solution Options

1	Direct Cut Over, no parallel running
2	Parallel running and Direct Cut Over
3	Two phase approach
4	Staggered parallel running approach (for the remaining topics)

Option 1 – High Level Impact Assessment

1 – Direct Cut Over, no parallel running

This solution option will deliver a single cut over from legacy to DDP for the remaining topics. At the point of cut over, Xoserve will stop parallel running for the current Shipper Pack with immediate effect.

Impacted Systems
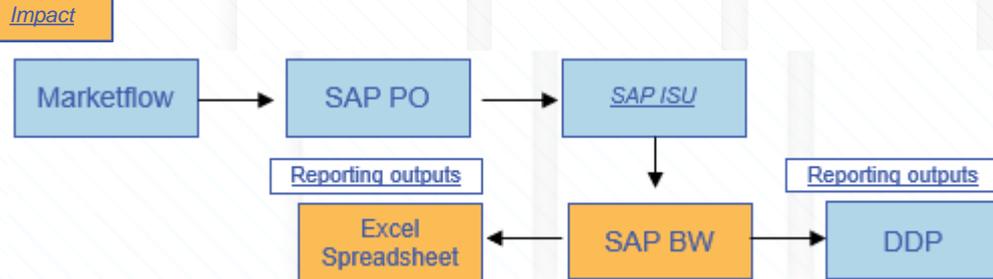
Overall Impact	Release Type	High Level Cost Estimate
Low	Adhoc	£0

Assumptions

- This estimate is based on very high-level analysis, based on the discussion for requirement and solution, the stated efforts may change.
- All remaining data and topics are re-prioritised by customers into a single DDP drop
- Market trials costs not considered as part of this estimate.
- All data and topics are deployed to DDP by end of December 2021 and legacy reporting is decommissioned by end of March 2022

Option 1 - System Impact Assessment

	Reports	Interface	Conversion	Enhancements	Workflow	Data Migration
System Component:	BW	n/a	n/a	n/a	n/a	n/a
Impacted Process Areas:	Shipper Pack	n/a	n/a	n/a	n/a	n/a
Complexity Level (per RICEFW item):	n/a	n/a	n/a	n/a	n/a	n/a
Change Description:	n/a	n/a	n/a	n/a	n/a	n/a

	ISU	BW	PO	AMT	DES	API
Test Data Prep Complexity:	n/a	n/a	n/a	n/a	n/a	n/a
Unit and System Test Complexity:	n/a	n/a	n/a	n/a	n/a	n/a
Pen Test Impact:	n/a	n/a	n/a	n/a	n/a	n/a
Regression Testing Coverage:	n/a	n/a	n/a	n/a	n/a	n/a
Performance Test Impact:	n/a	n/a	n/a	n/a	n/a	n/a
Market Trials:	n/a	n/a	n/a	n/a	n/a	n/a
UAT Complexity:	n/a	n/a	n/a	n/a	n/a	n/a

Option 1 - Process Impact Assessment

Process Area	Complexity	File Formats	Exceptions	External Screens	Batch Jobs	Performance Test?	CSS Code Conflicts?
SPA	n/a	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	n/a
Reconciliation	n/a	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	n/a
Invoicing – Commodity	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing – Amendment	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing – Other	n/a	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	n/a
Formula Year AQ	n/a	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	n/a
DSC Service	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Central Switching Service (CSS)	n/a	n/a	n/a	n/a	n/a	n/a	n/a

2 - Parallel running and Direct Cut Over

Legacy reporting would continue alongside the equivalent DDP reports, persisting as each DDP drop for Shipper Pack data is completed. Once all data and topics are in DDP Xoserve would parallel run these alongside the legacy report for a period of time (to be agreed between customer and Xoserve) following which legacy reporting would be decommissioned.
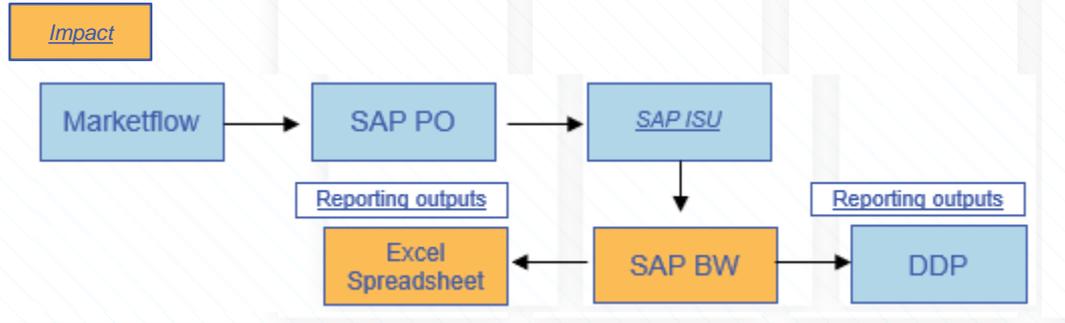
Impacted Systems

Overall Impact	Release Type	High Level Cost Estimate
Low	Adhoc	£0

Assumptions

- This estimate is based on very high-level analysis, based on the discussion for requirement and solution, the stated efforts may change.
- Topics to be delivered in one or multiple DDP drops
- Market trials costs not considered as part of this estimate.
- All data and topics are deployed to DDP by end of December 2021 and legacy reporting is decommissioned by end of March 2022"

Option 2 - System Impact Assessment

	Reports	Interface	Conversion	Enhancements	Workflow	Data Migration
System Component:	BW	n/a	n/a	n/a	n/a	n/a
Impacted Process Areas:	Shipper Pack	n/a	n/a	n/a	n/a	n/a
Complexity Level (per RICEFW item):	n/a	n/a	n/a	n/a	n/a	n/a
Change Description:	n/a	n/a	n/a	n/a	n/a	n/a

	ISU	BW	PO	AMT	DES	API
Test Data Prep Complexity:	n/a	n/a	n/a	n/a	n/a	n/a
Unit and System Test Complexity:	n/a	n/a	n/a	n/a	n/a	n/a
Pen Test Impact:	n/a	n/a	n/a	n/a	n/a	n/a
Regression Testing Coverage:	n/a	n/a	n/a	n/a	n/a	n/a
Performance Test Impact:	n/a	n/a	n/a	n/a	n/a	n/a
Market Trials:	n/a	n/a	n/a	n/a	n/a	n/a
UAT Complexity:	n/a	n/a	n/a	n/a	n/a	n/a

Option 2 - Process Impact Assessment

Process Area	Complexity	File Formats	Exceptions	External Screens	Batch Jobs	Performance Test?	CSS Code Conflicts?
SPA	n/a	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	n/a
Reconciliation	n/a	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	n/a
Invoicing – Commodity	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing – Amendment	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing – Other	n/a	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	n/a
Formula Year AQ	n/a	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	n/a
DSC Service	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Central Switching Service (CSS)	n/a	n/a	n/a	n/a	n/a	n/a	n/a

3 - Two phase approach

Stop legacy reporting for the topics which are already in DDP, after an agreed notice period. Once all the remaining topics are in DDP, Xoserve would continue to run the legacy reports for an agreed notice period, then stop the remaining topics in the current reporting in one go.

Impacted Systems
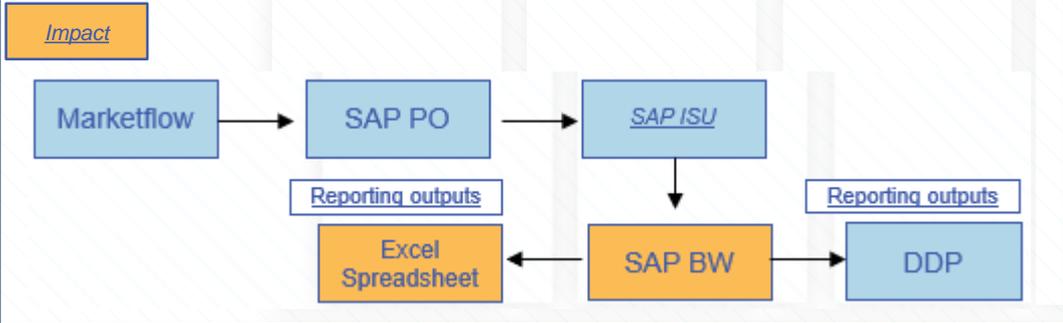
Impact

Marketflow → SAP PO → *SAP ISU*

Reporting outputs

Reporting outputs

Excel Spreadsheet ← SAP BW → DDP

Assumptions

- This estimate is based on very high-level analysis, based on the discussion for requirement and solution, the stated efforts may change.
- Topics to be delivered in one or multiple DDP drops
- Market trials costs not considered as part of this estimate.
- All data and topics are deployed to DDP by end of December 2021 and legacy reporting is decommissioned by end of March 2022"

Overall Impact	Release Type	High Level Cost Estimate
Low	Adhoc	£0

Option 3 - System Impact Assessment

	Reports	Interface	Conversion	Enhancements	Workflow	Data Migration
System Component:	BW	n/a	n/a	n/a	n/a	n/a
Impacted Process Areas:	Shipper Pack	n/a	n/a	n/a	n/a	n/a
Complexity Level (per RICEFW item):	n/a	n/a	n/a	n/a	n/a	n/a
Change Description:	n/a	n/a	n/a	n/a	n/a	n/a

|	ISU	BW	PO	AMT	DES	API
Test Data Prep Complexity:	n/a	n/a	n/a	n/a	n/a	n/a
Unit and System Test Complexity:	n/a	n/a	n/a	n/a	n/a	n/a
Pen Test Impact:	n/a	n/a	n/a	n/a	n/a	n/a
Regression Testing Coverage:	n/a	n/a	n/a	n/a	n/a	n/a
Performance Test Impact:	n/a	n/a	n/a	n/a	n/a	n/a
Market Trials:	n/a	n/a	n/a	n/a	n/a	n/a
UAT Complexity:	n/a	n/a	n/a	n/a	n/a	n/a

Option 3 - Process Impact Assessment

Process Area	Complexity	File Formats	Exceptions	External Screens	Batch Jobs	Performance Test?	CSS Code Conflicts?
SPA	n/a	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	n/a
Reconciliation	n/a	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	n/a
Invoicing – Commodity	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing – Amendment	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing – Other	n/a	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	n/a
Formula Year AQ	n/a	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	n/a
DSC Service	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Central Switching Service (CSS)	n/a	n/a	n/a	n/a	n/a	n/a	n/a

4 - Staggered parallel running approach (for the remaining topics)

Direct cut off of all the SAP BW reports for the topics already in DDP, only continue the SAP BW reports where there is no DDP reporting. As a new topic becomes available in DDP a notice period will commence during which Xoserve will continue to produce the related legacy report. At the end of the notice period the related legacy reporting will be decommissioned
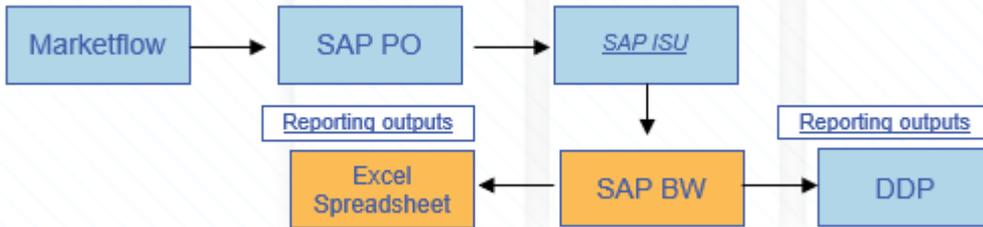
Impacted Systems

Impact

Marketflow → SAP PO → *SAP ISU*

Reporting outputs

Reporting outputs

Excel Spreadsheet ← SAP BW → DDP

Assumptions

- This estimate is based on very high-level analysis, based on the discussion for requirement and solution, the stated efforts may change.
- Topics to be delivered in one or multiple DDP drop
- Market trials costs not considered as part of this estimate.
- All data and topics are deployed to DDP by end of December 2021 and legacy reporting is decommissioned by end of March 2022

Overall Impact	Release Type	High Level Cost Estimate
Low	Adhoc	£0

Option 4 - System Impact Assessment

	Reports	Interface	Conversion	Enhancements	Workflow	Data Migration
System Component:	BW	n/a	n/a	n/a	n/a	n/a
Impacted Process Areas:	Shipper Pack	n/a	n/a	n/a	n/a	n/a
Complexity Level (per RICEFW item):	n/a	n/a	n/a	n/a	n/a	n/a
Change Description:	n/a	n/a	n/a	n/a	n/a	n/a

	ISU	BW	PO	AMT	DES	API
Test Data Prep Complexity:	n/a	n/a	n/a	n/a	n/a	n/a
Unit and System Test Complexity:	n/a	n/a	n/a	n/a	n/a	n/a
Pen Test Impact:	n/a	n/a	n/a	n/a	n/a	n/a
Regression Testing Coverage:	n/a	n/a	n/a	n/a	n/a	n/a
Performance Test Impact:	n/a	n/a	n/a	n/a	n/a	n/a
Market Trials:	n/a	n/a	n/a	n/a	n/a	n/a
UAT Complexity:	n/a	n/a	n/a	n/a	n/a	n/a

Option 4 - Process Impact Assessment

Process Area	Complexity	File Formats	Exceptions	External Screens	Batch Jobs	Performance Test?	CSS Code Conflicts?
SPA	n/a	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	n/a
Reconciliation	n/a	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	n/a
Invoicing – Commodity	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing – Amendment	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing – Other	n/a	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	n/a
Formula Year AQ	n/a	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	n/a
DSC Service	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Central Switching Service (CSS)	n/a	n/a	n/a	n/a	n/a	n/a	n/a

2d.ii. – XRN5218 – Modification 0710 – CDSP Provision of the Class 1 Read Service

High Level System Solution
Impact Assessment

Change Overview

XRN5218 - Modification 0710 – CDSP Provision of the Class 1 Read Service

Modification 0710 makes the CDSP responsible for the procurement of the Class 1 Supply Meter Point read service on behalf of Shippers. It will remove the Transporter obligation to provide a Daily Read service to Shippers for non-telemetered Class 1 Supply Meter Points and places that responsibility on the CDSP.

The changes required under XRN5218 are predominantly contractual as we expect the service provided by the Class 1 read service providers to remain relatively unchanged. The high level anticipated changes required to deliver Modification 0710 / XRN5218 are detailed below:

- Novation of current contracts from Transporters to the CDSP
- Detailed assessment of processes as part of novation activities to verify Schedules
- Invoicing changes to cease charging for the service on behalf of Transporters and commence CDSP charging under DSC
- The introduction of an operational role to provide additional CDSP support to core customers for the Class 1 service
- Operational readiness activities within the CDSP

Solution Options

| 1 | CDSP novate the existing contracts for the provision of the Class 1 read service and charge for the service via the DSC Specific Service invoice |

Option 1 - High Level Impact Assessment

1 - XRN5218 - Modification 0710 – CDSP Provision of the Class 1 Read Service

The changes required under XRN5218 are predominantly contractual as we expect the service provided by the Class 1 read service providers (DMSP) to remain relatively unchanged. The high level anticipated changes required to deliver Modification 0710 / XRN5218 are detailed below:

- Novation of current contracts from Transporters to the CDSP
- Detailed assessment of processes as part of novation activities to verify Schedules
- Invoicing changes to cease charging for the service on behalf of Transporters and commence CDSP charging under DSC
- The introduction of an operational role to provide additional CDSP support to core customers for the Class 1 service
- Operational readiness activities within the CDSP

Contractual and ongoing operational activities
- The Novation of the current contracts will be a one-off activity managed by the CDSP procurement team. Following the implementation of the change, the ongoing process to manage and procure a service provider will be covered under a new DSC Service Line.
- It is proposed that an additional operational role is introduced as a result of the implementation of this change. This is to provide ongoing additional support for the service including supporting the process of moving sites into Class 1.

SAP4HANA
- An update to the CDSPs internal invoicing system will be required to allow for the charges and credits associated to the service to be invoiced on behalf of the CDSP rather than the Transporter.
- This allows all charges associated to the service to be included within the DSC Specific Services invoice. This will follow the existing process for the CDSP to charge for DSC Specific Services.
- *Please note that this will replace the current method for invoicing for this service which is via the following UK Link invoices:*
    - *UK Link Invoice Type ADP - Meter Reading Data logger charges and Charge Types P01, P02, P03 and P04*
    - *UK Link Invoice Type ANC – Ancillary Invoice and Charge Types N67 and N66*
    - *UK Link Invoice Type LIA – Service Standards Liabilities and Charge Type 823*
    There could be potential decommissioning activities required in UK Link to cease using some of the above invoice and charge types. If required, this is anticipated to be an internal change only.

SAP BW
- The introduction of a additional reports *may* be required to support invoicing and invoice verification and provision of supporting information.

Option 1 - High Level Impact Assessment

1 - XRN5218 - Modification 0710 – CDSP Provision of the Class 1 Read Service

Impacted Systems

Impacted	SAP4HANA	Gemini

Marketflow → SAP PO → SAP ISU → CMS

API ← SAP BW → DES
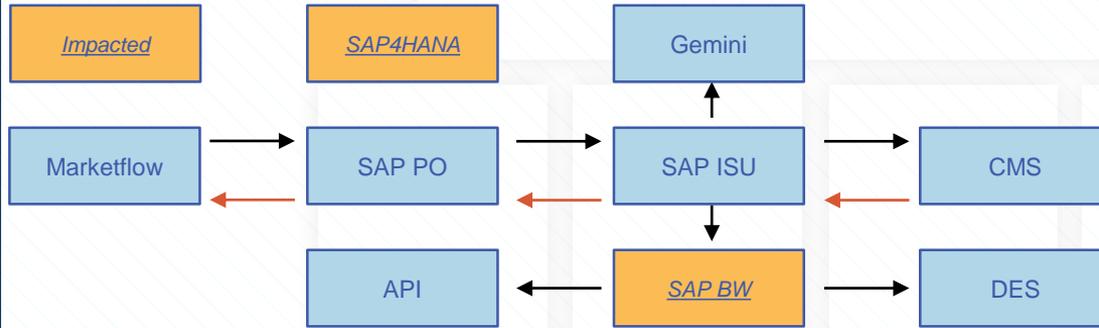
Assumptions

- No external testing is required
- A new additional resource will be required to support this service on an ongoing basis
- There will be no system changes expected for customers as existing processes to invoice for DSC Specific Services will be utilised
- The service provider charge for the service is not expected to change significantly however an uplift will be applied to account for the additional CDSP support
- It is anticipated that there will continue to be a meter and read charge for the service – this is to limit system change to DMSP / CDSP / Shipper Users
- We expect there is likely to be a different cost per DMSP
- The option proposed is intended to minimise system change to all parties, therefore no Supplier (DMSP) costs have been accounted for within stated HLSO cost.
- Potential decommissioning activities within UK Link for current Invoice and Charge types are expected to be internal only and no customer impacts anticipated.

Overall Impact	Release Type	High Level Cost Estimate
Low	Ad-Hoc	Implementation cost – £30,000 – 45,000 GBP Ongoing cost - DMSP charge + £67,000 GBP per annum for the ongoing support recovered as a Specific Service charge

Option 1 - System Impact Assessment

	Reports	Interface	Conversion	Enhancements	Workflow	DES
System Component:	SAP BW	n/a	n/a	n/a	n/a	n/a
Impacted Process Areas:	Reporting	n/a	n/a	n/a	n/a	n/a
Complexity Level (per RICEFW item):	Low	n/a	n/a	n/a	n/a	n/a
Change Description:	• Creation of a new report to identify the number of days in a month an SMP is Class 1	n/a	n/a	n/a	n/a	n/a

	ISU	BW	PO	AMT	DES	SAP4HANA
Test Data Prep Complexity:	n/a	Low	n/a	n/a	n/a	Low
Unit and System Test Complexity:	n/a	Low	n/a	n/a	n/a	No
Pen Test Impact:	n/a	No	n/a	n/a	n/a	No
Regression Testing Coverage:	n/a	Low	n/a	n/a	n/a	No
Performance Test Impact:	n/a	No	n/a	n/a	n/a	No
Market Trials:	n/a	No	n/a	n/a	n/a	No
UAT Complexity:	n/a	Low	n/a	n/a	n/a	Low

Option 1 - Process Impact Assessment

Process Area	Complexity	File Formats	Exceptions	External Screens	Batch Jobs	Performance Test?	CSS Conflicts
SPA	n/a	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	n/a
Reconciliation	n/a	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	n/a
Invoicing – Commodity	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing – Amendment	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Invoicing – Other	Low	No	No	No	No	No	No
Rolling AQ	n/a	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	n/a
RGMA	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Next Steps

- The HLSO has been issued for industry consultation closing on 01 March 2021.

- At the March ChMC, Change Managers will be asked to approve the proposed solution option within the HLSO in order to continue progressing the change.

- Do DSG have any views on the HLSO?

3. Changes in Detailed Design

3a. Design Considerations

- 3a.i. – XRN4941 – Auto updates to meter read frequency (MOD0692)

- 3a.ii. – XRN5285 – COVID-19 Capacity Retention Process

3a.i. –XRN4941 – Auto updates to Meter Read Frequency (MOD0692S)

Design Considerations

Overview

- UNC Modification 0692S was progressed to give the CDSP the right to amend the Meter Read Frequency (MRF) at Supply Meter Points (SMP) when certain conditions are met
- XRN4941 was raised to facilitate the change within CDSP systems and is in scope of November 2021 release (agreed to be moved from June 2021 due to a dependency on XRN5142 (*New Allowable Values for DCC Service Flag in DXI File From DCC*) which is also in scope of November 2021
- Detailed Design is ongoing, however impact assessment against XRN5142 has found a potential rule change, against what was previously discussed, that we wish to present to DSG

Determination of an Operational SMART Device

- Modification 0692S has the determination of a SMART Device as being carried out in the following stages:
  1. DCC Flag Value of "A" = SMART
  2. DCC Flag Value not "A", if S1/NS, check if installing Supplier = incumbent Supplier, if yes, SMART, else Non-SMART
  3. S2 Device = SMART
  4. AMR Device installed = SMART
- Modification 0692S also states "The intention is that in a number of years when the DCC have enrolled SMETS1 Meters, that the second and third check can be stopped".

XRN5142 Summary

- XRN5142 looks to introduce a number of new DCC Flag Status to be held on UK Link (alongside "A" - Active):
  - "N" – Non-Active
  - "I" – Installed Not Commissioned
- This gives the DCC more flexibility in assigning more accurate statuses, such as where the Meter is registered with the DCC but not currently communicating (so should not be considered for auto-MRF change)
- Currently a DCC Flag of "A" in UK Link means it is registered and communicating

Problem Statement

- Modification 0692S Final Modification Report (at the time of publication) assumes that all S2 meters are SMART devices and therefore communicating accordingly (Logic **#3**)

- As per discussion surrounding the withdrawn appeal on 0692S, S2 devices have the potential to be non-communicating, so the assumption that these should have the MRF amended challenged (Logic **#3**)

- We also identified an issue in relation to Cosmetic Meter Exchange (same asset), the entity updating via RGMA within UK Link, will have the installing Supplier recorded (although the asset was, in reality, in situ when the RGMA update was received) thus complicating the CDSP's ability to accurately determine if the Installing & Current Suppliers match (Logic **#2**)

Proposal

- In light of the progression of XRN5142 and it being an agreed dependence of XRN4941, it is proposed that the rule for identifying an Operational SMART Device be simplified:
    1. DCC Flag Value of "A" = SMART
    2. DCC Flag Value not "A" = Non-SMART
    3. DCC Flag Value not "A" and AMR Device installed = SMART
- This is in accordance with Modification 0692S Final Modification Report (as per slide 3) although brought forward
- Reliance will be on the DCC to update accordingly, specifically for S1/NS meters (as per the scenarios outlined)
- Introducing simplified rules would look to reduce the risk of the CDSP amending a Supply Meter Points MRF where the Shipper is unable to carry out it's obligation effectively

3a.ii. – XRN5285 – COVID-19 Capacity Retention Process

Detailed Design – XRN5285 (Modification 0730V) COVID-19 Capacity Retention Process

- XRN5285 has been raised to deliver **Modification 0730V**.

- The change aims to apply a discount of 50% to LDZ Capacity Costs for sites that are set as Isolated, in line with **Modification 0723**.

- XRN5285 was sent out in a Solution Option Change Pack in January, and was approved at February Change Management Committee.

- This has been followed by a Detailed Design Change Pack, currently out for consultation. Please provide responses on this Change Pack by 1st March 2021.

4. Major Release Update

4. Major Release Update

- 4a. June 2020

- 4b. November 2020

- 4c. Minor Release Drop 9

- 4d. June 2021 Release

- 4e. November 2021 Release

4a. XRN4996 - June 2020 Release update

XRN4996 - June 20 Release - Status Update

	Overall Project RAG Status			
	Schedule	**Risks and Issues**	**Cost**	**Resources**
RAG Status				
	Status Justification			

Schedule	• **XRN4850 SMS/Email Notification:** The new service is being utilised by Networks however usage is limited due to the limited amount of data held in UK Link. Currently there is circa 8.99 million meter points in UK Link and the team are monitoring usage. Please contact Max Pemberton at customerexperience@xoserve.com prior to submitting any contact details
	
	• **Scope Variations:**
	    • **XRN4850 -** Report automation integration is currently in progress with the DDP team with a planned Go Live of mid-February. Manual reporting will be available in the interim should the service be used
	    • **XRN4850 UK Link Portal changes** – To allow special characters, increase character limits in text and email and display character number count is in progress for delivery mid-February
	• **Project Closedown:**
	    • Following completion of Post Implementation Support and approval of the Change Completion Report project closedown is in progress scheduled for end of March 2021			

Risks and Issues	• **Risk** – DN's/IGT's do not use the new SMS/Email broadcast functionality during Post Implementation Support, because of the limited number of customer contact details uploaded to UK Link or networks do not need to send broadcasts during this period. To mitigate, Networks to confirm requirements for the report details to provide % saturation of sites in each LDZ which has BRO data populated.			
Cost	• Costs have been finalised in the CCR which has been approved by Change Management			
Resources	• No resource issues identified for the remainder of the project			

XRN4850 – SMS/Email Broadcast Notification Timeline

- Project closedown is in progress.
- Daily/Monthly Network Usage report and Portal CR delivery in progress, delivery mechanism confirmed as DDP
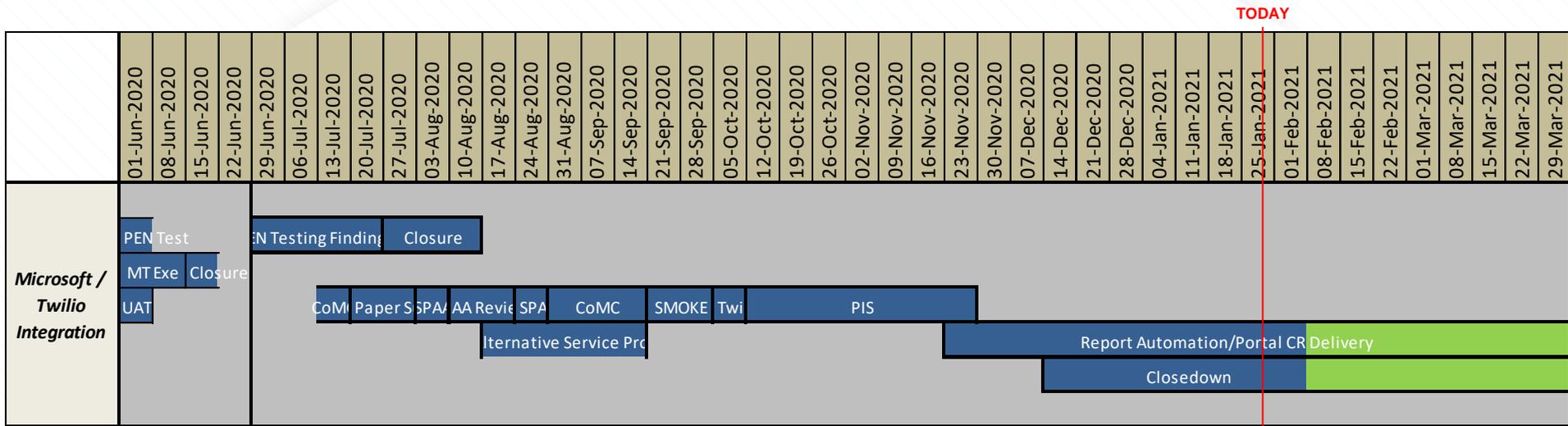
XRN4996 June 20 Release Summary

June 20 Release consists of 7 changes, Implementation was completed for June 20:

<u>In Scope</u>
- **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 (UKLink file formats, new service to follow)
- **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**)

<u>Descoped</u>
- ~~**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 change requests. Descoped at ChMC on 8th January 2020
** Descoped at eChMC on 22nd November 2019
*** Added to scope (revised scope from original)

4b. XRN5110 – November 2020 Release update

XRN5110 - Nov 20 Release - Status Update

Overall Project RAG Status			
Schedule	**Risks and Issues**	**Cost**	**Resources**

RAG Status				

Status Justification	

Schedule	**PIS**
	• All 116 instances of first usage have been captured and assured
	• 6 defects and 19 incidents have been fixed
	• PIS is complete for XRN4871b, XRN5014, XRN4897/99 Daily Cleanse job
	• The following change request have been identified and approved for:
	    • XRN4801 Additional Information in DES - Issue identified with active read indicator displaying incorrectly for a small volume of OPNX reads. Fix to be implemented 13th February 2021
	    • XRN4897/99 Historical Cleanse job
	        • Data was being incorrectly deleted, there was no customer impact and the data was quickly restored. The change request covers the scenarios that were missed and resulted in the deletion. Expected implementation of the change is end of March 2021 followed by 10 weeks PIS to run the historical cleanse job. Cost of change is £54k and additional funds have been approved by the Change Management Committee 29th January 2021, to cover the £34k shortfall

Risks and Issues	Return to **Green** all issues is that PIS is completed for all changes • **Issue:** PIS has been extend for XRN4801 Additional Info in DES • **Issue:** XRN4897/99 Historical Cleanse Change Request needs to be completed to exit PIS • **Risk**: Xoserve may be GDPR non-compliant following Historical Cleanse due to missing unknown scenarios
Cost	• BER approved - 10th June 2020 • Full Business Case approved XEC – 23rd June 2020 • Additional funds of £34k have been approved 29th January 2021 for the XRN4897/99 Historical Cleanse change request • Revised BER to be issued to cover the additional funds £34k in March 2021 ChMC
Resources	• SME & Tech Ops resources approved for XRN4897/99, Historical Cleanse and XRN4801 PIS extension

XRN5110 – XRN4897/99 Historical Cleanse Delivery Timeline & Progress

	01/02/2021	02/02/2021	03/02/2021	04/02/2021	05/02/2021	08/02/2021	09/02/2021	10/02/2021	11/02/2021	12/02/2021	15/02/2021	16/02/2021	17/02/2021	18/02/2021	19/02/2021	22/02/2021	23/02/2021	24/02/2021	25/02/2021	26/02/2021	01/03/2021	02/03/2021	03/03/2021	04/03/2021	05/03/2021	08/03/2021	09/03/2021	10/03/2021	11/03/2021	12/03/2021	15/03/2021	16/03/2021	17/03/2021	18/03/2021	19/03/2021	20/03/2021	22/03/2021	23/03/2021	24/03/2021	25/03/2021	26/03/2021	27/03/2021	29/03/2021	30/03/2021	29/03/2021	30/03/2021	31/03/2021	01/04/2021	02/04/2021	PIS End	Closedown
Design	█	█	█	█	█	█	█	█	█	█	█	█																																							
Build & UT													█	█	█	█	█	█	█																																
AT																				█	█	█	█	█																											
RT																									█	█																									
CM																											█	█																							
PT																													█	█	█	█	█	█	█																
Prep + Go Live																																				█	█	█	█	█											
PIS																																										█	█	█	█	█	█	█	█	04/06/2021	09/07/2021

Note: PIS will run for 10 weeks to complete the historical cleanse job

XRN5110 - Nov 20 Scope

XRN5110 November 20 Release consists of 5 changes. Implementation was in November 2020

In Scope

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

Descoped changes
- XRN 4931 - Submission of a Space in Mandatory Data on Multiple SPA Files
- 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

XRN4897 / 4899 – Historical Data Cleanse

Data Cleanse Update

- In processing the historical data cleanse, a gap has been identified between this activity and the day to day management of consumer contact and PSR data

- The change pack issued 14/04/2020 stated:
  - "This activity will also identify MPRNs that have associated consumer contact details, those listed above, which were not supplied during the current Supplier's active association i.e. historically there has been a change of Supplier via the GEA file, not with a change of Shipper event, and contact details have not been added/updated via the CNC file however, a set is present with an effective date prior to the effective date of the new Supplier."

- As it is currently possible for a Supplier to be changed with a retrospective date the historical cleanse needs to take this into account
  - Where consumer contact/PSR details were loaded to UK Link on a date prior to the processing date of the Supplier change, then those contact details should be deleted as they were not supplied by the incumbent Shipper/Supplier

Data Cleanse Update

- This approach will ensure the data maintained within UK Link, and utilised in downstream processes, is GDPR compliant

- For clarity, in normal day to day processing, when a Supplier change is received, via the GEA, any pre-existing consumer contact and PSR data will be deleted
  - This is irrespective of Supplier change effective date

- We would encourage Shippers, when processing a Supplier change, via the GEA file, to wait for confirmation that the change has been accepted by the CDSP before submitting a CNC file for the MPRNs in context

4c. Minor Release Drop 9

Minor Release Drop 9 - Status Update

	Overall Project RAG Status:			
	Schedule	**Risks and Issues**	**Cost**	Resources
RAG Status				
	Status Justification			
Schedule	There are 2 changes for Minor Release Drop 9 to be implemented. The implementation date is planned for 20th March 2021: ➢ **XRN5080** - Failure to Supply Gas (FSG_GSOP1) - System Changes ➢ **XRN5135** – DNO and NTS Invoices to Shippers and DN's VAT compliance • Acceptance Testing in progress, slightly behind plan due to Business resource availability. Return to **Green:** • Resources available w/c 1st February 2021to cover any delayed testing assurance, no delay expected to milestone • Regression Testing to start on 15th February 2021 • Minor Release Drop 8 defect fixed and implemented			
Risks and Issues	• Issue due to lack of resource availability for testing assurance, Return to **Green**, increased resource availability from w/c 1st February 2021			
Cost	• Changes are being delivered as part of Minor Release Budget 20/21			
Resources	• Weekly monitoring of Xoserve SME and Business Process Users to support testing phase and Implementation Return to **Green:** Increased resources from the Business provided			

XRN5294 - Minor Release Drop 9 Timelines

XRN5294 - Minor Release 9 Summary

There are 2 changes for Minor Release 9 to be implemented. The proposed implementation date is 20th March 2021:

➢   **XRN5080** - Failure to Supply Gas (FSG_GSOP1) - System Changes
➢   **XRN5135** – DNO and NTS Invoices to Shippers and DN's VAT compliance

XRN5253 - June 21 Release - Status Update

February	Overall Project RAG Status			
	Schedule	Risks and Issues	Cost	Resources
RAG Status				
Status Justification				

Schedule	• BER Approved at ChMC on 9th December 2020, however a revised BER will need to be issued that includes AUGE set up costs previously discussed as part of HLSO. This was unfortunately omitted from original BER version. This will be submitted for approval in March 2021 • Detailed Design Change Pack for XRN5093 approved in December 2020 • Build completed to plan in January 2021 • System Testing commenced to plan and on track to complete in February 2021 • UAT preparation in progress and execution due to commence in March 2021
Risks and Issues	• **Issue:** The project is progressing 2 months behind plan leading to overlap between multiple phases and risk that approvals may not fall in order. It also reduces overall delivery timescales **Mitigation**: Design phase to be formally concluded in February, resolving this issue
Cost	**Cost RAG Status will return to green following approval of revised BER** • BER Approved at ChMC in December, revised BER to be issued to included AUGE set up costs incorrectly omitted from previous stage This will be submitted to ChMC in March
Resources	**Resource RAG Status will return to green on confirmation of resources required to support all testing phases** • Resource Forecasts and Plans have been defined at a high level for future stages. Full detailed execution plan for remaining test phases to be finalised in March.

XRN5253 – Proposed June 21 Proposed High Level Plan

	August	September	October	November	December	January	February	March	April	May	June	July	August	September
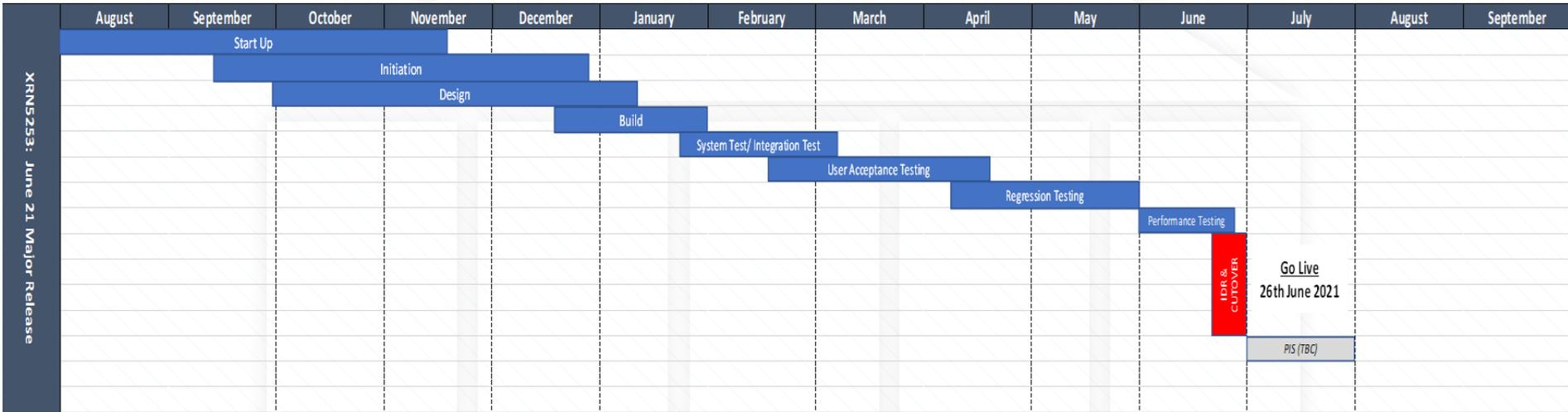
XRN5253: June 21 Major Release

- Start Up
- Initiation
- Design
- Build
- System Test/ Integration Test
- User Acceptance Testing
- Regression Testing
- Performance Testing
- IDR & CUTOVER
- Go Live 26th June 2021
- PIS (TBC)

XRN5253 - June 21 Release Summary

June 21 Release now consists of 1 change

In Scope
- **XRN5093** - MOD0711 – Update of AUG Table to reflect new EUC bands

De-Scoped at Extraordinary Change Management Committee on 26th October 2020
- **XRN4992** - MOD0687 – Creation of new charge to recover last resort supply payments

De-Scoped at Change Management Committee on 11th November 2020
- **XRN4941** - MOD0692 - Auto updates to meter read frequency

4e. November 2021 Release

XRN5289 - November 21 Release - Status Update

Overall Project RAG Status			
Schedule	**Risks and Issues**	**Cost**	**Resources**
RAG Status			

Status Justification	
Schedule	• Detailed Functional and Non-Function Requirements have been approved • High Level Design has been approved • Design workshop plan has commenced • XRN4941 and XRN5142 has completed its design • CSSC/CSS impact assessment timeline and requirements is being reviewed
Risks and Issues	Return to Green - Ongoing regular touch points with DCC to understand their plan and design have been set up commencing 25th February - Xoserve to get the Operational Smart Meter Definition ratified at February DSG • RISK - XRN5142 - Unknown plans from DCC on their plan of delivery and design • RISK - XRN4941 - May need a change to the definition of the Operational Smart Meter
Cost	• EQR approved by ChMC on the 13th January 2021 • Business Case approved by IRC on 3rd February 2021
Resources	• Resource Forecasts and Plans until the end of design have been defined and waiting approval • SME resource has been provided for design, approach for technical SME resource to support design has been agreed

XRN5289 – November 21 High-Level Plan
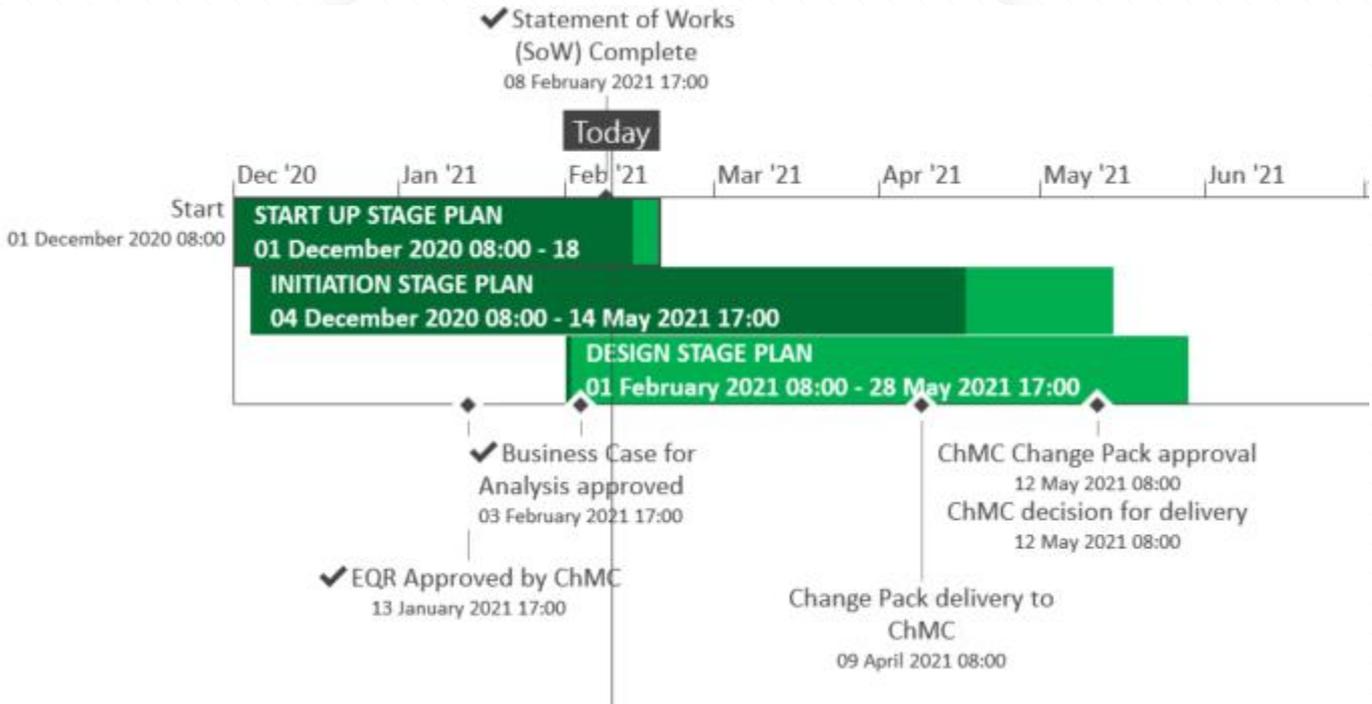
XRN5289 - November 21 Release Summary

The initial scope of the November 2021 Major Release consists of 8 changes

In Scope

- **XRN4941 -** MOD0692 - Auto updates to meter read frequency
- **XRN5007 -** Enhancement to reconciliation process where prevailing volume is zero
- **XRN5072 -** Application and derivation of TTZ indicator and calculation of volume and energy – all classes
- **XRN5091 -** Deferral of creation of Class change reads at transfer of ownership
- **XRN5142 -** New allowable values for DCC Service Flag in DXI File from DCC
- **XRN5180 -** Inner tolerance validation for replacement reads and read insertions

Out of Scope

Approved to removed from 13th January 2021 ChMC
- **XRN5186*** MOD0701 – Aligning capacity booking under the UNC and arrangements set out in relevant NExAs
- **XRN5187*** MOD0696 – Addressing inequalities between capacity booking under the UNC and arrangements set out in the relevant NExAs

5. UK Link Releases Update

February 2021 DSG

UK LINK RELEASES UPDATE

UK Link Releases Update

Agenda:

1. UK Link Releases update – For Information
   - Releases Governance Timeline 2020 – 2022
   - Allocated Changes - in delivery
   - Unallocated Changes – in Capture and changes that have completed Capture
   - Agenda for the next ChMC meeting

2020-2022 UK Link Governance Timeline

2020	2021	2022
Sep Oct Nov Dec	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	Jan Feb Mar Apr May Jun Jul Aug

Key:
- ⭐ On track (green)
- ⭐ Complete (light blue)
- ⭐ At risk (yellow)

Nov 20

Jun 21 — EQR Approved, BER Approved

MiR 9 — Scope Approved Nov 2020 ChMC

MiR 10 — Scope Approval Mar 2021 ChMC — Potential Activity

Nov 21 — Scope Approved Nov 2020 eChMC — EQR Approved

Retro — POC

MiR — Potential Activity – Minor Releases

Major — Potential Activity – Major Releases

CSSC — CSSC activity

Retro — Potential Activity

- **Please note that this slide includes potential activity within UK Link over the next 24 months**

Updated on 10th February 2021

UK Link Allocated Changes – In Delivery

Confirmed Release	XRN	Change Title	Current Status	UK Link Release Date	Complexity	Finance
Jun 2020	4865	Amendment to Treatment and Reporting of CYCL Reads	In Delivery	June 2020	Small	Shipper / DN
	4772	Composite Weather Variable (CWV) Improvements	In Delivery	June 2020	X-Large	Shipper / DN
	4930	Requirement to Inform Shipper of Meter Link Code Change	In Delivery	June 2020	Small	Shipper
	4932	Improvements to the quality of the Conversion Factor values held on the Supply Point Register (**MOD0681S**)	In Delivery	June 2020	Medium	Shipper / DN
	4850	Notification of Customer Contact Details to Transporters	In Delivery	June 2020	X-Large	IGT / DN
	4888	Removing Duplicate Address Update Validation for IGT Supply Meter Points via Contact Management Service (CMS)	In Delivery	June 2020	Medium	IGT
	4780b	MAP ID Part B	In Delivery	June 2020	Large	Shipper
CSSC	4780c	MAP ID Part C	In Capture	tbc - June 2021	Large	Shipper
	4627	Consequential Central Switching Services	In Delivery	tbc 2022	N/A	Shipper
Retro	4914	Retro Proof of Concept	In Delivery	Standalone	N/A	DN
Nov 2020	5014	Hydeploy Live Trial	In Delivery	Nov 2020	Large	Northern/DN
	4897/ 4899	Contact details – resolution of deleted contact details and PSR data at change of shipper event	In Delivery	Nov 2020	Large	Shipper
	4801	Additional info into DES	In Delivery	Nov 2020	Medium	Shipper
	4871b	Ratchet regime changes part B	In Delivery	Nov 2020	Large	DN
June 2021	5093	**MOD0711** – Update of AUG Table to reflect new EUC bands	In Delivery	June 2021	X-Large	Shipper

UK Link Allocated Change - Continued

Confirmed Release	XRN	Change Title	Current Status	UK Link Release Date	Complexity	Finance
MiR Drop 9	5080	Failure to Supply Gas (FSG/GSOP1) – System Changes	In Delivery	March 2021	Small	MiR Delivery
	5135	DNO and NTS Invoices to Shippers and DNs VAT compliance	In Delivery	March 2021	Small	MiR Delivery
Nov 2021	4941	**MOD0692** – Auto updates to meter read frequency	Detailed Design	November 2021	Large	Shipper
	5007	Enhancement to reconciliation process where prevailing volume is zero	Detailed Design	November 2021	Tbc	DN / Shipper
	5072	Application and derivation of TTZ indicator and calculation of volume and energy (all classes)	Detailed Design	November 2021	Large	Shipper
	5091	Deferral of creation of class change reads at transfer of ownership	Detailed Design	November 2021	Large	Shipper
	5142	New allowable values for DCC service flag in DXI file from DCC	Detailed Design	November 2021	Large	DN / IGT / Shipper
	5180	Inner tolerance validation for replacement reads and read insertions	Detailed Design	November 2021	Medium	Shipper
	*5186	~~**MOD0701** – Aligning capacity booking under the UNC and arrangements set out in relevant NExAs~~	~~Detailed Design~~	~~November 2021~~	~~Large~~	~~DNO~~
	*5187	~~**MOD0696** – Addressing inequalities between capacity booking under the UNC and arrangements set out in the relevant NExAs~~	~~Detailed Design~~	~~November 2021~~	~~Medium~~	~~DNO~~

*Agreed at ChMC in January 2021 to descope XRN5186 & XRN5187 from November 2021 release due to the outstanding modifications

UK Link Unallocated Changes

Potential Release	XRN	Change Title	Comments	Status	Complexity	Points	Finance
tbc	4931	Submission of space in mandatory data on multiple SPA files	Descoped from Nov 20 Major Release. Analysis underway to determine validate new solution and identify release	Capture Complete	tbc	tbc	Nov 20 BER
tbc	4990	**MOD0664** – Transfer of sites with low read submission performance		Requirements	tbc	tbc	Shipper
tbc	4992	**MOD0687** - Creation of new charge to recover last resort supply payments	MOD not yet approved. ChMC voted to descope from June 21 release. MOD expected to be replaced/amended by Ofgem.	Capture Complete	tbc	tbc	Shipper
tbc	5081	No actual read present in previous class for read validation		Solution Approval	tbc	tbc	tbc
tbc	5143	Discharge of Cadent, WWU and NGN NDM sampling obligations by the CDSP		Requirements	tbc	tbc	tbc
tbc	5144	Enabling Re-assignment of Supplier Short Codes to Implement Supplier of Last Resort Directions		Requirements	tbc	tbc	tbc
tbc	5186	**MOD0701** – Aligning capacity booking under the UNC and arrangements set out in relevant NExAs		Solution Approval	Large	tbc	DNO
tbc	5187	**MOD0696** – Addressing inequalities between capacity booking under the UNC and arrangements set out in the relevant NExAs		Solution Approval	Medium	tbc	DNO
tbc	5188	Interim Data loads of MAP ID into UK Link		Requirements	tbc	tbc	tbc
tbc	5195	Ceased responsibility date following shipper withdrawal (IDL)	Potential MiR Drop 10 candidate	Solution Approval	Small	5	MiR
tbc	5218	CDSP Provision of Class 1 read service		Requirements	tbc	tbc	DN / Shipper
tbc	5231	**MOD0719R** – Flow Weighted Average Service		Requirements	tbc	tbc	DN
tbc	5235	Include SOQ in UIG additional data report		Requirements	tbc	tbc	DN / Shipper
tbc	5236	**MOD0734** – Reporting Valid Confirmed Theft of Gas into Central Systems		Requirements	tbc	tbc	tbc
tbc	5208	New Distribution Network Report – Forecast Invoice Values		Requirements	tbc	tbc	DN

Updated on 10th February 2021

February ChMC

UK Link Future Releases Updates:

- Since February 2021 this is no longer an standalone agenda Item for ChMC. The content, provided in this section, is now amalgamated within the 'Change Pipeline' section.

6. Issue Management

6. Issue Management

- 6a. AQ Taskforce Update
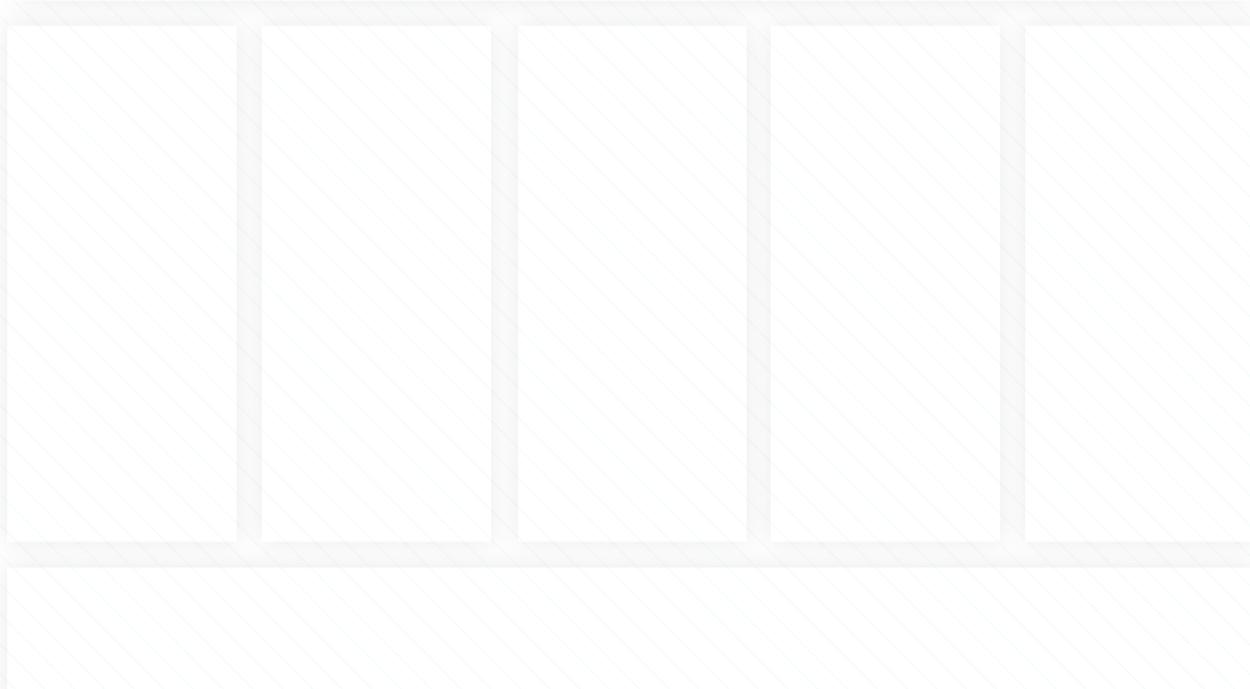
6a. AQ Taskforce Update

AQ Taskforce Update
CoMC

Defect Position

- January saw a significant clearance of defects resulting in only **8 Open defects** now requiring fix, of which 3 were identified by Xoserve in January.

- A further 2 defects have been fixed, deployed and are now awaiting data correction.

- The volume of impacted MPRNs associated to these open defects is expected to be low with initial assessment suggesting less than 100.

AQ Defect Status (breakdown as at 5th February 2021)

84

Defects impacting AQ since August 2019

10

Open Defects

(-7 from previous month)

66

Resolved defects

(+14 on previous month)

5

Analysis

(+1 from previous month)

3

UAT

(+2 from previous month)

0

Awaiting Deployment

(-5 from previous month)

2

Fixed, Deployed Awaiting Data Correction

(-5 from previous month)

8

Resolved defects that require to be processed via adjustment tools

Open defect details can be found in the Appendix

AQ Defect Status (Mar 20 - Feb 21)

1. **8 open defects** as at 08/02, with an additional 2 defects having been fixed awaiting data correction
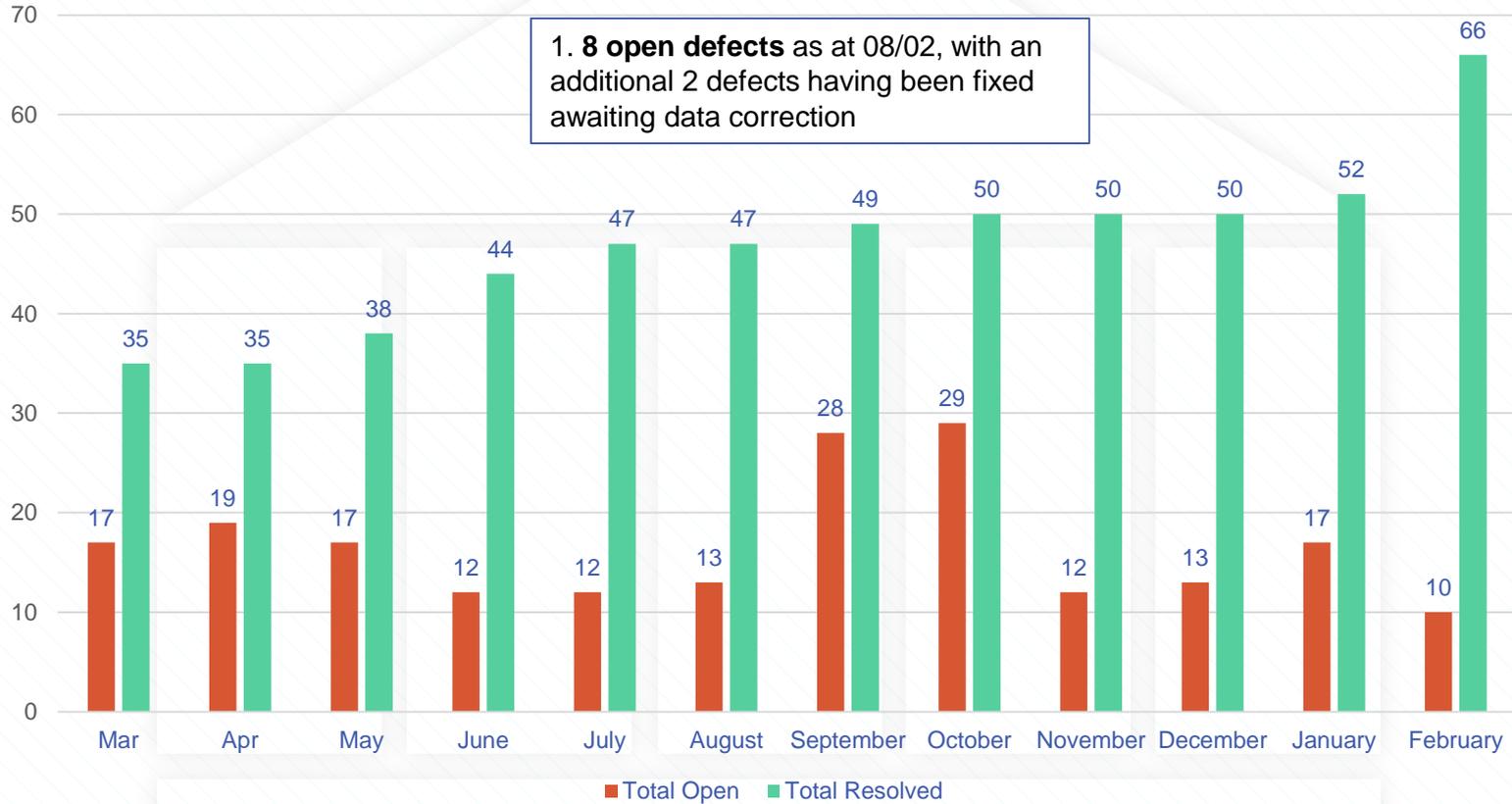
APPENDIX

Open AQ defects - Analysis

Defect No.	Date Raised	Issue Description	No. MPRNs Impacted	Lifecycle Status
64157	11/12/2020	The Volume and Energy for meter and corrector are not being loaded when a device exchange happens after D+5 date of the shipper transfer, where the shipper transfer reads are yet to be estimated (i.e., corrector exchange with reporting meter)	0	Analysis
64169	11/12/2020	For a Class 4 Prime site, after performing an NDM Class 4 Prime Reconciliation, the recalculated REC net off Volume and Energy is not getting updated in the EL31 screen	48	Analysis
64267	05/01/2021	Issue with Twin stream site : Volume profiles getting updated incorrectly in case where corrector serial number is same for multiple corrector devices	TBC	Analysis
64354	22/01/2021	AMR removal read is not loaded correctly. Impact to Check to check rec and impacting AQ.	TBC	Analysis
64367	19/01/2021	Class 3, RGMA report or update read date is recorded incorrect. Impacts AQ & reconciliation.	TBC	Analysis

Open AQ defects - UAT

Defect No.	Date Raised	Issue Description	No. of MPRNs Impacted	Lifecycle Status
63691	29/09/20	A read is not getting loaded for a P&S after processing the read through the MOD 700 UBR process for Class 3 prime/sub sites	15	UAT
63726	06/10/20	Issue with the Class 3 Prime Process; where the subsequent Actual Read has not considered the Shipper Transfer as the last Read Date	0	UAT
64026	20/11/20	The Class change on the Twin Stream Site is creating an final read for only one stream in the tables	8	UAT

Open AQ defects – Fix Deployed Pending Data Correction

Defect No.	Date Raised	Issue Description	No. of MPRNs Impacted	Lifecycle Status
60917 (1424)		Following an update to a meter (non-physical) the volume which is calculated is based on the opening exchange read (OPNX) as opposed to calculating from the final exchange read (FINX) Discussions in place with impacted Shippers to get data corrected. C100 remaining to be corrected. Remaining have been corrected with Shipper approval.	700	Fix deployed, awaiting Data Correction
63394	26/08/2020	The Class 3 read Tolerance Validation is passing due to an Incorrect CV calculation, when the last actual read date is before the Go-live Date 99% of impacted MPRNs are registered with 1 Shipper. Discussions taking place with Shipper as data corrections are unlikely to be required.	7,000	Fix deployed, awaiting Data Correction

Open AQ defects – Resolved, To Be processed Via Adjustment Tools

Defect No.		Issue Description	No. of MPRNs Impacted	Lifecycle Status
63393	26/08/20	For an NDM Prime Site, the Sub site volume and energy is not getting calculated if there is an MRU frequency change for the same class	113	To be processed via Adjustment Tools
61452	16/03/2020	Rec is not happening for Prime and sub site...	159	To be processed via Adjustment Tools
63861	20/11/20	When a shipper transfer and an RGMA Activity happen on the same date, and the RGMA Read has fulfilled the shipper transfer Read, the energy is getting updated incorrectly whilst performing the REC	1,256	To be processed via Adjustment Tools
62178	17/04/2020	Where volume and energy is being incorrectly loaded, the system is not creating an exception	38	To be processed via Adjustment Tools
64025	19/11/20	In the case of a Class change from 4 to 3, when a replacement read is accepted on a Class 3 start date, the record created in the UMR Table (Unbundled Meter Read File) is incorrectly calculating the Volume and Energy	52	To be processed via Adjustment Tools
62164	17/04/2020	Net-off volume volume/ energy is being incorrectly calculated as zero for class 4 prime sites	159	To be processed via Adjustment Tools
63480	28/08/2020	The Last Check Read Date is getting fetched incorrectly for Twin Stream Sites when Reads are uploaded through Portal, resulting in either the Read wrongly rejected, or a break in the check to check period.	19	To be processed via Adjustment Tools
63798	20/11/2020	The Monthly AQ Roll process is incorrectly triggering AQ calculation as part Consumption Adjustment	54	To be processed via Adjustment Tools

AQ Defects Financial Adjustments

Phase 3 Summary

Phase 3 Summary

- Invoices associated to Phase 1 & 2 have been generated and issued to all impacted parties.

- In-line with previous updates the assessment and process of the Phase 3 defects (non historic) has concluded.

- As you will recall, Phase 1 & 2 of the historic adjustments exercise resulted in a total financial impact of c.£1.4 million worth of debit charges from Shippers.

- Phase 3 has shown that 28,123 MPRNs out of a total population of 176,202 were eligible for adjustment, resulting in a total financial impact of **-£279,429 credit.**

- The -£279,429 position is made up of credits totaling -£302,536 and debits of £23,107.

- All affected parties have been communicated to and the plan for invoicing Phase 3 is being developed and will be shared once known.

- As previously communicated this process is now being transitioned into BAU operations. All future AQ defect will be assessed against the methodology and processed through the tools as they are fixed removing the need for the bulk processing seen during Phases 1, 2 & 3.

High Level Process for MPRNs Requiring a Financial Adjustment

16 Defects totalling 176,202 MPRNs identified for Assessment

160,454 unique MPRNs

176,202 passed to Decision Tree tool

30,626 MPRNs identified as candidates for adjustment.

145,576 MPRNs not eligible for adjustment (See appx.1)

28,123 MPRNs finalised requiring adjustment

2,503 MPRNs under rejections
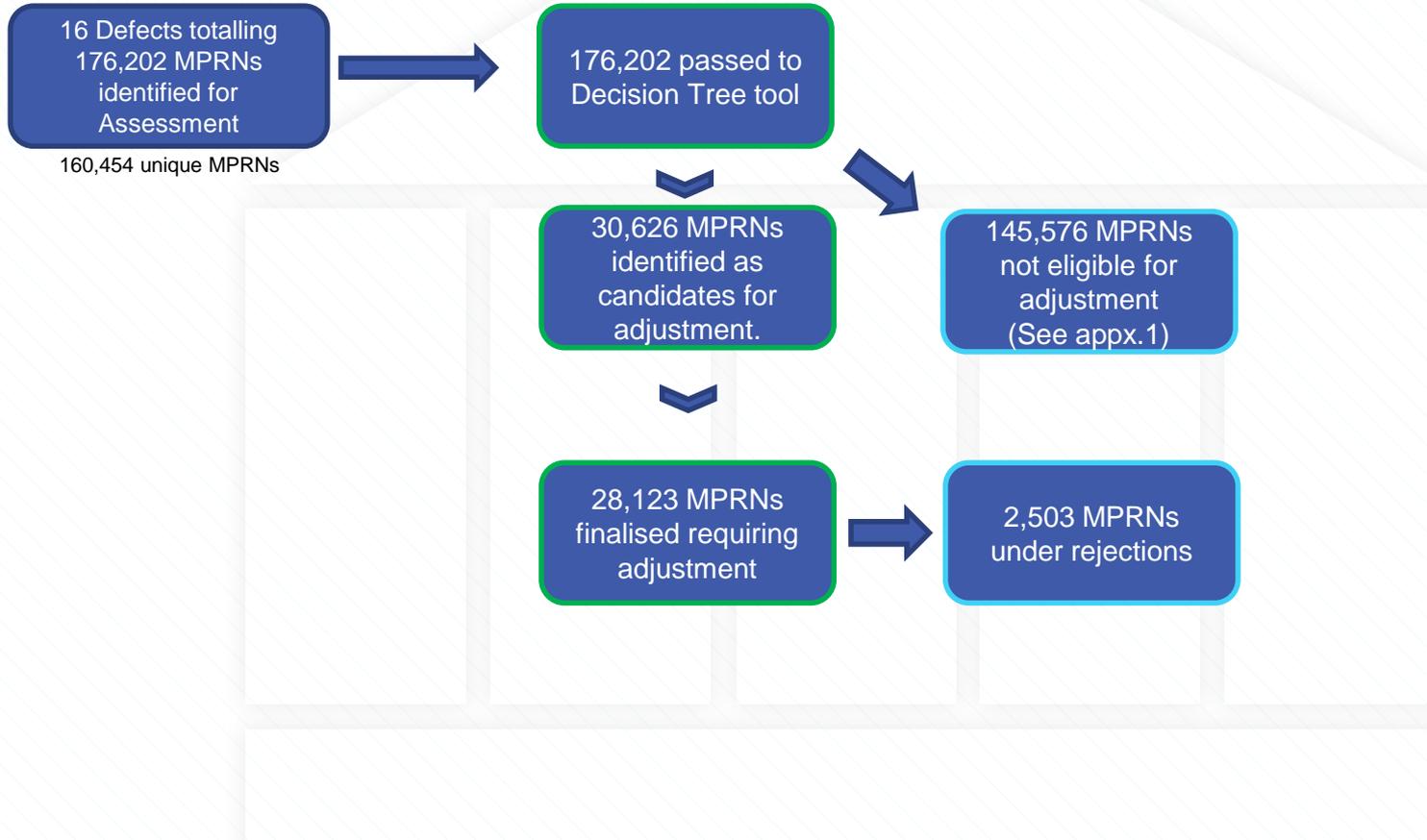
Financial Adjustments

- The total financial adjustments for all MPRNs processed are:

CHARGE TYPE	CHARGE DESCRIPTION	DJUSTMENT AMOUNT (£)
ACE	EXIT CAPACITY LDZ ECN CHARGE ADJ	-2,585.28
ACZ	CSEPS - LDZ CAPACITY CHARGE ADJ	-21,144.60
AMC	CUSTOMER CAPACITY CHARGE ADJ	-64,417.60
AME	EXIT CAPACITY LDZ ECN CHARGE ADJ	-12,468.56
AMF	CUSTOMER FIXED CHARGE ADJ	-3,317.47
AMZ	SUPPLY POINT CAPACITY CHARGE ADJ	-175,495.68
	TOTAL	**-279,429.19**

- These adjustments are split across:
  - 59 Shippers
  - 5 DNs

Appendix 1: Decision Tree - Rejection Stats

Reason	MPRN Count*	%
Impacted consumption period not affecting AQ or FYAQ values	144,782	99.18
FYAQ was not derived using monthly AQ roll value as AQ correction received from Shipper	1190	0.81
Mismatch in FYAQ and AQ as at 1st April 2019/2020	4	0.01

* 145,576 Unique MPRNs rejected in total – One MPRN can be impacted by more than one rejection if they have multiple adjustments.

Appendix 2: AQ Simulation/Billing Tool – Rejection Stats

Reason	MPRN Count*	%
Meter read for the AQ period end date not available. AQ not calculated	1945	70.68
Negative Consumption during consumption period. AQ not calculated	443	16.10
Insufficient Consumption to calculate AQ	329	11.95
Revised AQ value failed validation (market breaker tolerance checks)	17	0.62
MPRN already undergone adjustment	14	0.51
MPRN not eligible for adjustment – No band movement	4	0.14

* 2,503 Unique MPRNs in total - One MPRN can be impacted by more than one rejection if they have multiple adjustments.

7. CMS Rebuild Update

February Updates

Jo Williams

CMS Rebuild - Progress to date

Summary of progress to date

- CMS is a dated system which is coming to end of life support, rather than a lift and shift of current processes the project team wanted to understand the following from the actual users of CMS perspective:
    - What are their current processes and activities
    - What are their current pain points
    - What would their ideal version of the process be

- 18 External Initial Requirements Workshops have been held to date
- 482 requirements captured, this figure may include duplication and may increase as we refine and expand on the requirements

- Common themes include:
    - Customer Effort
    - System functionality
    - Visibility

- All Workshop outputs have been published here: https://www.xoserve.com/systems/contact-management-service/contact-management-service-cms-rebuild-project/

- Potential Suppliers are being engaged to understand high level requirements to obtain figures and timescales for High Level Solution Options

Next Steps

- Refine the requirements which will be:
    - Remove duplication
    - Add our understanding to the requirements and ratify with customers
    - Understand areas of conflict in requirements

- Continue internal and schedule external recommended "To Be" workshops

- Identify possible solutions and seek approval on solution and design from:
    - CoMC
    - ChMC
    - DSG

Key Milestones	Due
Initial Workshops Completed	22/01/2021
To Be Workshops Commence	08/02/2021
HLSO – Target Date	March

Dependencies & Potential Consequential Impacts

Whilst the project is still in Capture, we are liaising with teams across Xoserve to understand the Change Horizon and the relationships between any architecture, projects inflight / on the horizon to CMS Rebuild.

Teams have been engaged to understand what impact/potential dependencies CMS Rebuild will have. With the POC completed and closed down externally, the next steps for Retro Mod 0651 discussion is likely to take place in 2021 and we shall continue to liaise to understand impacts.

The TOG Modification is being included in all requirement clarifications and considerations to ensure that this is not missed

CMS Rebuild Project Team are also engaged within the Website Project to ensure any output will be consistent
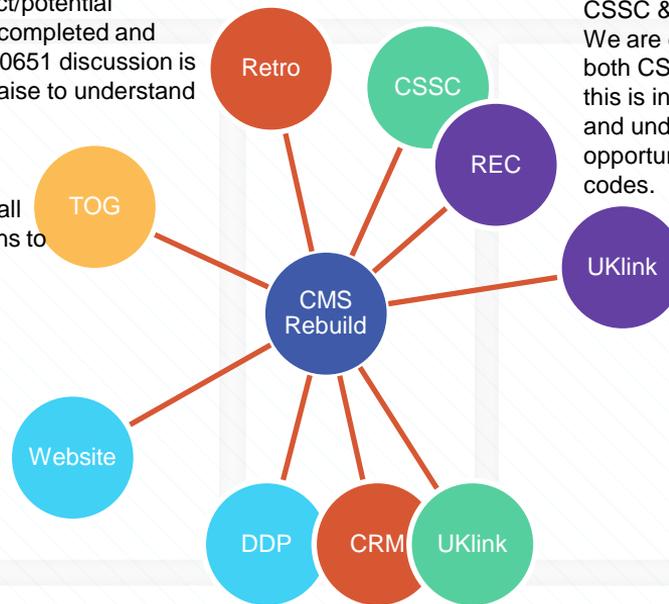
CSSC & REC
We are discussing with the representatives from both CSSC and REC to understand the impacts, this is including reviewing the revised schedules and understanding any consequential opportunities or impacts on the CMS Contact codes.

UKLink releases for June and November have no CMS changes included and the respective Project Managers will continue to be informed of progress

Internal architecture conversations have commenced to identify if there are systems / software within Xoserve's infrastructure that CMS Rebuild can utilise; UK Link, DDP, Pega etc

The Workshop Figures at Initial Refinement*

18 External Workshops
3 Internal

Generic / Process	No. Reqs
Process	82
Process/System	96
System	301
TBC	3
Grand Total	482

Duplication & Non Requirements removed

Generic / Process	No. Reqs
Process	65
Process/System	64
System	166
TBC	3
Grand Total	298

Categorised

Category	No. Requirements
Alignment with other deliveries	5
Auto populate	7
Bulk upload	5
Clarity	13
Conflict	40
Contact third Party	10
DDP	4
GDPR	1
MI	20
Migration	2
NFR	13
Process Improvement	76
System Responses	18
Training	9
User Entry	44
User Experience	31
Grand Total	298

Alignment With other deliveries
"aligning to CSSC Deliverables and not missing a trick"

Auto Populate
"Auto fill address details from postcode/MPRN."

Bulk Upload
"Continue with the ability to upload multiples i.e. QMP file."

Conflict
"Could we remove MNC process and use the FOM process in its entirety instead? ."

Contact Third Party
"Portal to allow for more two way/ multi conversations between suppliers and Xoserve to aid resolution of the address issue
"

Process Improvement
"Validation before changing an address - LDZ / Network / even a couple of streets. It reduces the safety issue of losing track of live supply"

User Entry
"The functionality to provide and display the meter location when updating addresses"

User Experience…
"Search Function", "Audit Trails", "ability to drill down"

* These figures are at Initial refinement, which may change after further understanding from requirements is obtained

Generic Ideal State Journey's

- I want to raise a contact - drafted
- I want to search for a status of a contact - drafted
- I receive an Xoserve generated Contact– In Progress
- I have a PSC (Previously Submitted Contact) – In Progress
- Xoserve require more information from me via a DC (Data Clarification)
- I need to talk to other parties (UNC & potential non UNC)– yet to be started

* four processes could be managed through the query process due to rarity (low volumes) and complexity

I Want To Raise A Contact – Generic DRAFT
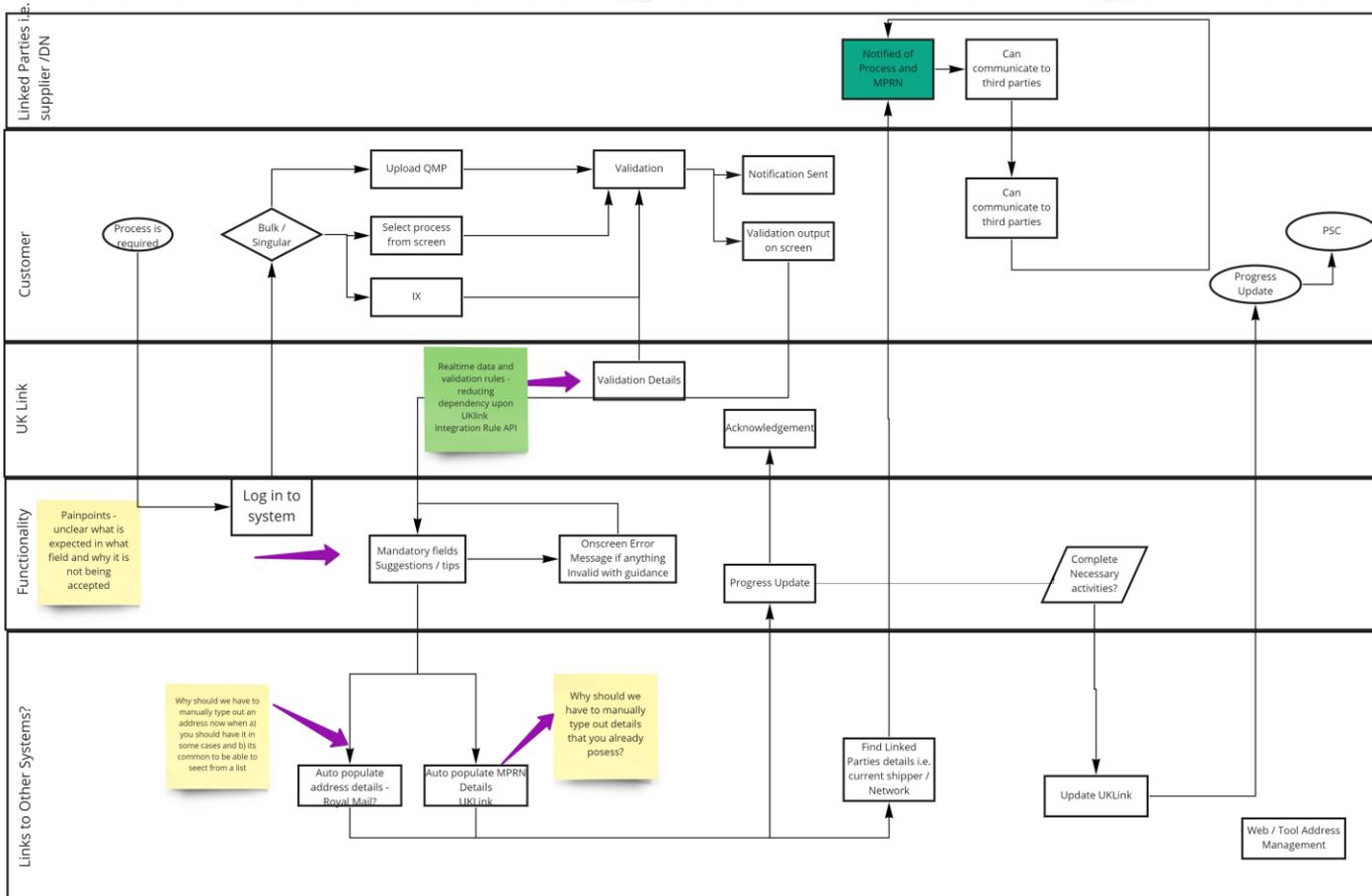
First draft of raising a contact at high level, majority of the processes will follow this generic path

I Want To Search For a Status Update – Generic - DRAFT
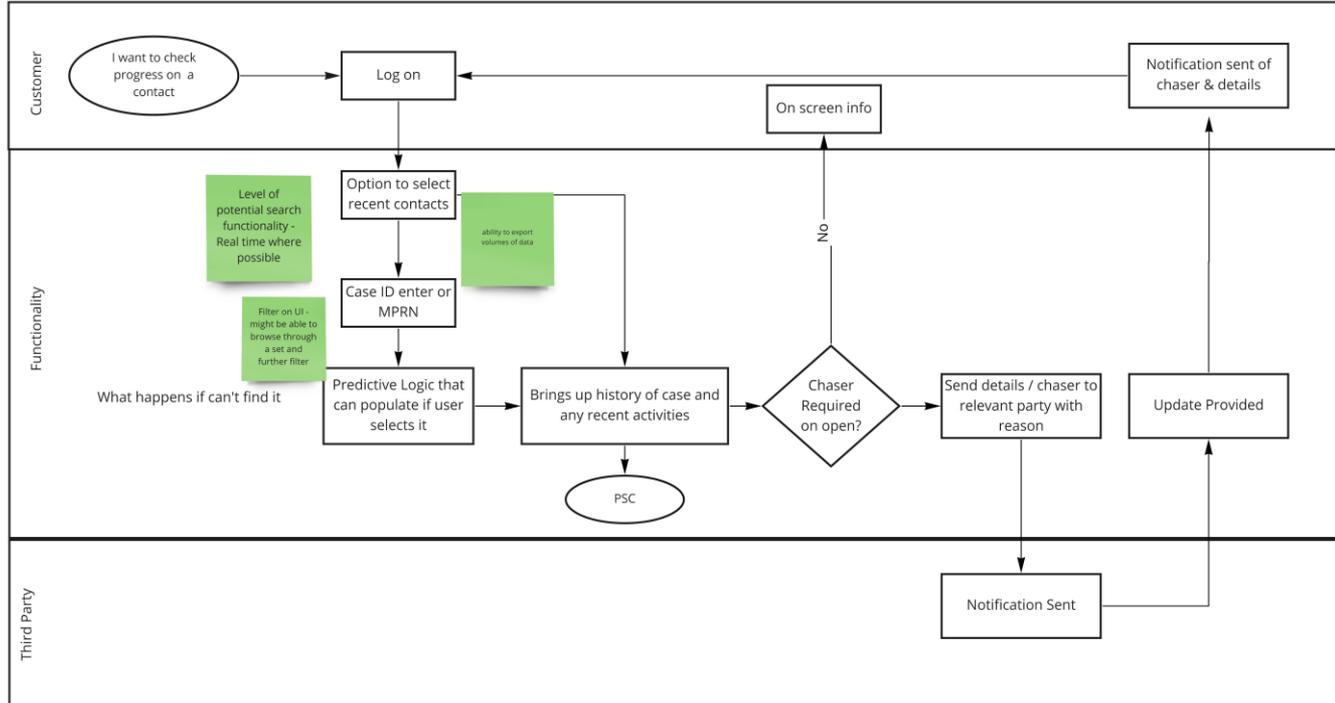
First draft of the generic searching for a status update. Tried to incorporate requirements such as:
- clear visibility
- not person specific
- ability to send notifcations

CMS Rebuild Next Steps

Dec	Jan	Feb	March

Painpoint & Req Workshops →

Hints & Tips Refreshers published →

Internal "To Be" Solution Options →

External "To Be" Solution Options →

Overall Agreement of "To Be" processes →

It is currently unclear if there is any misalignment on the To be solutions across the processes and these may require several iterations to come to an agreed approach.

Progress published – Website, CoMC and DSG →

Completed   On Track   At Risk

Commentary

Workshops to date have recieved great feedback to date and the findings are consitent accross the board

APPENDIX

Requirements captured per process Workshop

Row Labels	ADD	Cons Ad	DUP	FOM	GSR	ISO/DTL	MNC CMS	MNC Off	MUR	MUS	TOG	Grand Total
Alignment with other deliveries	3				1						1	5
Auto populate	1	1			1			3			1	7
Bulk upload	2			2							1	5
Clarity	1	2		1	4	1		1	1		2	13
Conflict	5	3	3	2	8	1	4	7	3	1	3	40
Contact third Party	3		1		1			2	1	1	1	10
DDP					1				2	1		4
GDPR								1				1
MI	14	1	1	1	1				1		1	20
Migration											2	2
NFR	3			1	1	2				2	4	13
Process Improvement	26	5	7	8	9	1	1	4	1	4	10	76
System Responses	8	2			6	1					1	18
Training	2	1		1	1	3					1	9
User Entry	16	4	3	1	5	4	1	1	3		6	44
User Experience	10	3			3	3	2	5		2	3	31
Grand Total	94	22	15	17	42	16	8	24	12	11	37	298

Many of the requirements gathered cover all the processes, with only a few being Process specific

We are currently refining these requirements so these figures may change after further understanding is obtained

Customer Usage of CMS

Triggered by Customer raised contacts

Contact	Description	2017	2018	2019	2020	2021	Grand Total
ADD	A challenge to the address that we hold on the UK-Link system which you consider is in line with a PAF valid format and improves the recorded address.	96,415	190,139	280,214	228,561	611	795,940
AGG	A challenge where a Shipper believes that a Twin Stream Meter is/is not situated but not reflected on UK Link.	10	2	1			13
CDQ	A challenge to the consumption, for a large supply point, as a consequence of incorrect reading data (Bundled / Unbundled) being recorded on UK-Link	480	1,235	2,244	51		4,010
DMQ	A request for the Daily Meter Service Provider to investigate the daily read / consumption information or daily read equipment.	178	296	75	86		635
DMR				3		3	6
DTL		999	1,488	1,290	1,521		5,298
DUP	A challenge that informs us that a single service pipe has more than one MPRN recorded on UK Link.	1,780	2,557	2,031	1,104		7,472
FLE		1	1	3	2		7
FOM		50,560	81,764	70,324	60,320		262,968
GSR	A contact is raised following Network investigation, concluding a service is still live at the property, with a meter attached and possibly flowing Gas.	2,530	2,387	1,391	1,228		7,536
ISO	A challenge to the status of a Supply Meter Point (Service Pipe)	3,336	7,207	5,167	7,482	2	23,194
MNC		42	418	683	1,300	1	2,444
PRS	A challenge to the link code currently held on UK Link for a freestanding meter or a prime and sub meter configuration.	252	211	163	118		744
PSI	A challenge to charges received for a prime or sub meter				1		1
RFA	A request for adjustment in accordance with late Meter Exchanges / Corrective Exchanges and Incorrect Correction Factors.	2,233	6,241	19,466	24,382	47	52,369
TOG	The Theft Of Gas (TOG) process is a mechanism to record and facilitate the investigation of theft allegations and where appropriate recover charges	3,731	8,965	7,575	5,221	23	25,515
UNC	Unconfirmed Address Amendment - A Contact challenging the address or postcode details of a site held on UK Link that is currently unconfirmed	10,392	19,941	35,977	36,936		103,246
Grand Total		172,939	322,855	426,604	368,316	684	1,291,398

Snapshot of CMS data as of 22/01/21

Triggered by System raised contacts

Contact,		2017	2018	2019	2020	2021	Grand Total
MUR	When a Meter Reading has not been provided by the Registered Users within the agreed timeframes	75,553	85,780	105,552	85,475		352,360
MUS	Manage Unregistered Sites - An MUS contact is raised for every Meter Point Reference Number which has reached the anniversary of its creation date, remains Unregistered and has a Meter Point Status of LI.	8,209	12,334	13,507	12,097	818	46,965
Grand Total		83,762	98,114	119,059	97,572	818	399,325

Indicates potential descoping from CMS Rebuild and managed via Query route or decommissioned

8. AOB

8. AOB

- 8a. February KVI Survey

- 8b. File Format Repository - Matters for Guidance

8a. February KVI Survey

As part of our [Key Value Indicator (KVI) Framework](#) we would like to request your feedback on our Change Management function. You can give your feedback through this [survey,](#) which will only take a few minutes of your time to complete.

Your comments will remain anonymous unless you choose to include your contact details. As with previous Surveys, we appreciate being able to contact those who have left their contact details to explore feedback in further detail and discuss any actions we can take.

The scope of your feedback should include:

- **UK Link November 2020 Major Release**

- **UK Link Minor Release Drop 8**

- **UK Link June 2020 Major Release Outstanding Scope**

- **Standalone Releases**
    - XRN5237 - Maintenance of a User relationship table for the purpose of AQ amendments (Modification 0736)
    - XRN4989-B - Online End to End Credit Interest Process - File Format Changes
    - XRN4645a - Rejection of incrementing reads following Isolation (RGMA Flows)

8b. File Format Repository - Matters for Guidance'

DSC – Industry File Issues
For Awareness

Standardisation of Industry file formats
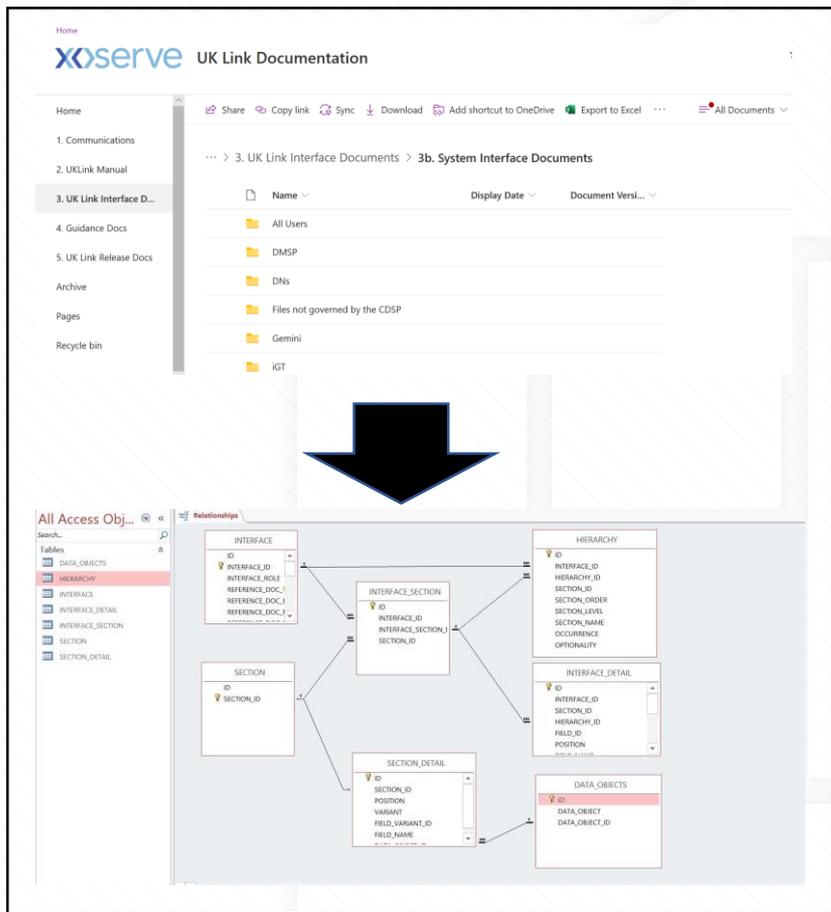
Objectives:
- Convert the information held within Word documentation into a centralised format (Database).
- Identify issues within the industry data files, duplicates, inconsistency, missing items, conflicts.
- Raise and ratify issues through the DSC committee.
- Change mastery of data into centralised system.
- Longer term move into the Data Glossary with associated Stewardship roles for changes to data items.

Data Inconsistency Issues - Approach

As part of the consolidation exercise we have identified a number of inconsistency issues within the current UK Link file formats. These issues have a varying degree of impact across processes and we will aim to outline our view of the impact and any potential resolution path that can be found. It is also important to note that as this exercise progresses there may be unknown issues that present themselves and we will engage with you when these are identified.

We will look at the inconsistency issues using the hierarchical view that is currently reflected within the files.

File Format - Naming Conventions

File_ID	File Name
DCF	DCF - AI_O_Discountinued_Confirmations
	DCF - SSMP Discontinued Confirmation Notification File
LPG	LPG_DATA_SUBMISSION SCOTIA
	LPG_DATA_SUBMISSION FLOGAS
	LPG - LPG_Supporting_Information
MRI	MRI Shared Supply Meter Reading Access Instruction Notification File
	MRI
PAC	PAC - SSMP PRE TRANSFER ASSET CHANGE NOTIFICATION FILE
	PAC
TSI	TSI - Interconnector Tariff Switch Request File
	TSI - Transporter_Site_Visit_Submission
TSR	TSR - Interconnector Tariff Switch Change & Cancellation Response.File
	TSR - Transporter_Site_Visit_Response
WOR	WOR - SSMP OBJECTION AND WITHDRAWAL NOTIFICATION TEMPLATE
	WOR - Withdrawal and Objections Response File

- Conflicting file id's prevent loading into digitised structure
- TSI/TSR files have biggest impact as they are intrinsically different

		Recommendation	Possible Impact/s
PAC, DCF, WOR, MRI	Files have a differing naming convention based on their relationship with updating shared supply meter point sites	Remove SSMP wording and have a singular file for each type. Context that a file is for SSMP can be given within the relevant field	• Possible hard coding of interfaces to accept these files would need changing • **Are these files all sent via IX?
TSI, TSR	Files have the same Id but have clearly differing purposes	1. Changing of file id's to differentiate purpose 2. **Removal of a chosen file to be sent to RecCo	• Code amendments needed to deal with new file type. • Missing files within central catalogue
LPG	File names contain participant roles	Removal of participant role and put that within the context field	• **Need to check with SME's that all file have the same structure

File Format – Record Type

We have identified inconsistencies in Record Types which when digitised will mean the file structures would have duplicate records even though they are the same.

File_Type_ID	Record Type Issue	Errors	Recommendation	Data Impact
RTR	Non-conformance to 5 character naming conventions	HEADER, TRAILER	Renamed to HEADR, TRAIL	Low
JRS	Non-conformance to 5 character naming conventions	HEADER, TRAILER	Renamed to HEADR, TRAIL	Low
Several Files	Record Type ID does not follow standard naming conventions	ARS, ACR, ASR, CDA, CRA, DEL, LPG, LTI, LTO, MJI, MJO, MUR, NER, QMP, QMR, RJI, RJO, RVI, RVV	Leave as is, material impact low	Low
Several Files	Record Type name is inconsistent	Z99, A00, K14, S76, Q10, M15, I57, S04, S08, S88, S68, K12, Q45, U74, U75, U02, U10, MUR	Where there is no difference in file structure the name amendment should be corrected	Medium

Example of Record Type Name error,

INTERFACE_ID	HIERARCHY_ID	SECTION_ID	SECTION_NAME	Ranks	SECTION_CODE	INTERFACE_HIERARCHY
CFR	CFR-K14	K14	RT_K14_ADDTNL_METERING DETS	2	K14-2	CFR-K14-2
CRS	CRS-K14	K14	RT_K14_ADDTNL_METERING_DETS	1	K14-1	CRS-K14-1
NMR	NMR-K14	K14	RT_K14_ADDTNL_METERING_DETS	1	K14-1	NMR-K14-1
NRF	NRF-K14	K14	RT_K14_ADDTNL_METERING_DETS	1	K14-1	NRF-K14-1
SNR	SNR-K14	K14	RT_K14_ADDTNL_METERING_DETS	1	K14-1	SNR-K14-1

File Format – Data Items

- There are data items represented in different files that have differing names although they represent the same data, see Meter Point Reference example below. We are creating a master version, archetype, of these data items which can be used to give a view of these inconsistencies.
- Similar to the above example we have many data items that carry 'roles' within their description however they all refer to a standardised list of codes, see example of Short Codes below,

SEQ	DATA_OBJECT	Data Category	Sub Category	Level 2	ArchType ID
2	METER_POINT_REFERENCE	Identifier	Reference Number	Meter Point	Arch0001
328	MPR	Identifier	Reference Number	Meter Point	
522	PRIME_METER_POINT_REFERENCE	Identifier	Reference Number	Meter Point	
590	PARENT_METER_POINT_REFERENCE	Identifier	Reference Number	Meter Point	
1392	Meter Point Reference Number	Identifier	Reference Number	Meter Point	
1316	Meter Point Reference	Identifier	Reference Number	Meter Point	

Example 1: Meter Point Reference Number
Consolidation of data item variants

SEQ	DATA_OBJECT	Data Category	Sub Category	Level 2	ArchType ID	Data Archtype
348	ELECTED_SHIPPER_SHORT_CODE	Code	Short Code	Shipper		Organization Short Code
499	SHIPPER_CODE_SHORT	Code	Short Code	Shipper		Organization Short Code
891	SHORT_CODE	Code	Short Code	Organization		Organization Short Code
1085	PREVIOUS_SHIPPER_SHORT_CODE	Code	Short Code	Shipper		Organization Short Code
924	STAKEHOLDER_SHORT_CODE	Code	Short Code	Organization		Organization Short Code
1117	PREVIOUS_SUPPLIER_SHORT_CODE	Code	Short Code	Supplier		Organization Short Code
1035	Recipient Id	Code	Short Code			
1123	PROSPECTIVE_METER_ASSET_MANAGER	Code	Short Code	MAM		Organization Short Code

Example 2: Roles within Data Object Names
Data Object have distinct names refer to a finite list short codes

Annex – For Information

9. DSC Change Management Committee Update

10th February 2021 Meeting

New Change Proposals

Xoserve Ref No.	Change title	Next steps	Service area
5298	H100 Fife Project - Phase 1 (Initial Assessment)	Approved into Capture	Service Area 1 Manage supply point registration
5299	Future Billing Methodology (analysis only)	Approved into Capture	N/A
5309	FSG: Automating the FSR (Mod0565) process	Approved into Capture	Service Area 7 NTS Capacity, LDZ Capacity, Commodity, Reconciliation, Ad-hoc adjustment and balancing invoices
5318	Assessing Supplier MPID Reassignment (analysis only)	Approved into Capture	N/A
5319	Assessing MPID Reassignment for All Party Types (analysis only)	Approved into Capture	N/A

Solution Review Outcomes – January Change Packs

Xoserve Ref No.	Change title	Voting Outcome
5285	COVID-19 Capacity Retention Process (Mod730V)	Approved into a adhoc delivery

Detailed Design Outcomes – January Change Packs

Xoserve Ref No.	Change title	Voting Outcome
5038	XRN5038 Convert Class 2, 3 or 4 meter points to Class 1 when G1.6.15 criteria are met (MOD 0691)	Solution Approved This change will need to go back to ChMC in March for the implementation date to be approved
5080	Failure to Supply Gas (FSG/GSOP1) – System Changes	Approved for MiR9
5135	DNO and NTS Invoices to Shippers and DNs VAT compliance	Approved for MiR9

Change Documents

BER Approved:

- XRN5135 DNO and NTS Invoices to Shippers and DNs VAT compliance

- XRN4876 Changes to PARR reporting – provide further data to PAFA to aid analysis of performance reporting

10. DSG Defect Summary

DSG

Defect Summary

Defect Summary Stats

Stats as per RTC extract taken on Tuesday 12th Feb 2021 at 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	0	0	0	0
r6.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
On Hold	0	0	0	0	0	0	0	0	0	2	0	0	2	2
Requires CR	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
Future Release Dependent	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Currently Unallocated	0	0	0	0	0	0	0	0	7	36	2	2	47	47
TOTAL OPEN	0	0	0	0	0	0	0	0	7	38	2	2	49	49
Resolved	0	7	34	81	16	138	9	226	594	573	23	14	1439	1577
Fix Deployed - Pending Data Correction	0	0	0	0	0	0	0	0	0	10	0	0	10	10
TOTAL CLOSED	0	7	34	81	16	138	9	226	594	583	23	14	1449	1587
GRAND TOTAL	0	7	34	81	16	138	9	226	601	621	25	16	1498	1636

R6.15

The below fixes were deployed to production on the 15th January 2021 (Inclusive of Amendment Invoice Impacting Defects)

Defect ID (RTC)	Status	Description	Release	Deployed / Closed on:	Amendment Invoice Impacting
63566	Resolved	(WB) Medium priority - Inconsistent RGMA behavior of class 2 sites with or without DRE/AMR	R6.15	15/01/2021	Yes
63346	Resolved	(WB) High priority - Volume and Energy is being calculated incorrectly for read inserted between Cyclic (CYCL) Read and subsequent Estimated Read (LDEX) for a Class 3 Meter Point (UBR File)	R6.15	15/01/2021	Yes
61093	Resolved	(WB) High priority - UMR read process is unable to identify last read date for tolerance validation and fails with rejection MRE00430("The Meter Point has no previous read") for sites with one day class change	R6.15	15/01/2021	No

R6.15

There were no fixes deployed to production on the 22nd January 2021 (Inclusive of Amendment Invoice Impacting Defects) due to a SAP upgrade.

Defect ID (RTC)	Status	Description	Release	Deployed / Closed on:	Amendment Invoice Impacting

R6.16

There were no fixes deployed to production on the 29th January 2021 (Inclusive of Amendment Invoice Impacting Defects) due to a SAP upgrade.

Defect ID (RTC)	Status	Description	Release	Deployed / Closed on:	Amendment Invoice Impacting

R6.16

There were no fixes deployed to production on the 05th February 2021 (Inclusive of Amendment Invoice Impacting Defects) due to a SAP upgrade.

Defect ID (RTC)	Status	Description	Release	Deployed / Closed on:	Amendment Invoice Impacting

Urgent Fixes

There were five Defects deployed as Urgent (D1/D2) Fixes since the last slides were issued.

Defect ID	Status	Description	Release	Deployed On:	Amendment Invoice Impacting
64025	Fix Deployed - Pending Data Correction	High priority - In the case of a Class change from 4 to 3, when a replacement read is accepted on a Class 3 start date, the CCG Record created in the UMR Table (Unbundled Meter Read File) and EL31, is incorrectly calculating the Volume and Energy	Urgent Fix (D1/D2)	15/01/2021	No
63861	Fix Deployed - Pending Data Correction	(WB) High priority - When a shipper transfer and an RGMA Activity happen on the same date, and the RGMA Read has fulfilled the shipper transfer Read, the energy is getting updated incorrectly whilst performing the REC	Urgent Fix (D1/D2)	15/01/2021	No
63494	Resolved	Linked with defect 63392 & defect 63142 (WB) High Priority - Waalp Values are getting derived based on time zone as UK instead of GMTUK , for which there is a mismatch in Read derivation (NDM Estimation)	Urgent Fix (D1/D2)	15/01/2021	No
63392	Fix Deployed - Pending Data Correction	Linked with defect 63142 & defect 63494 (WB) High priority -Transfer estimated read (OPNT) is getting derived incorrectly if transfer read loaded through RGMA process and previous read of shipper transfer is an estimated read	Urgent Fix (D1/D2)	15/01/2021	Yes
63142	Resolved	Linked with defect 63494 & defect 63392 (WB) High priority - The Cyclic (CYCL) read on D date replicates the volume from D-1 read, instead of using estimation logic to calculate the volume	Urgent Fix (D1/D2)	15/01/2021	No

Amendment Invoice Impacting Defects - Open

| Defect ID	Status	Primary Business Process	Description
64400	DRS Needed	Billing & Invoicing	High Priority - The High Value report is not able to run when the volume of data is huge, we need to enhance performance of the report.
64367	DRS In Progress	RGMA	High Priority - RGMA - Class 3, for RGMA report or update read date read type in UBR table is incorrect
64295	DRS Completed	Metering	Medium Priority - RGMA exchange activity on shipper transfer date for class 3 sites is not creating actual opening read('O' read) in ZDT_UBR_RECORDS table to send URN response to shippers
64251	DRS Completed	Billing & Invoicing	High Priority - When the ZB_REC_Val_exclu report is run it is bringing back multiple duplicates for the Class 4 sites; however the report is used for validation purposes and shouldn't bring back duplicate values
64250	DRS Completed	Billing & Invoicing	High Priority - Issue with the DM bill order creation job, where bill orders are being created when the PCA Values are not loaded for DM Sites; however, should not create billing documents for the meters where we can't find any PCA process raised for these sites

Amendment Invoice Impacting Defects – Open Cont'd

Defect ID	Status	Primary Business Process	Description
64169	DRS Completed	Metering	High Priority - For a Class 4 Prime site, after performing an NDM Class 4 Prime Reconciliation, the recalculated REC net off Volume and Energy is not getting updated in the EL31 screen
63726	UAT Execution	Metering	Medium priority - Issue with the Class 3 Prime Process; where the subsequent Actual Read has not considered the Shipper Transfer as the last Read Date
63691	UAT Execution	Metering	(Linked with defect#63498, defect#61966)Medium priority - A read is not getting loaded in the Prime/Sub table after processing the read through the MOD 700 UBR process for Class 3 prime/sub sites under the EUC band - (Identified during UAT of Defect 62178)
63690	DRS Needed	Metering	Medium priority - Issue with the Class change re-estimation; whenever the previous Class is either Class 3 or 4, and the Read is received in the Class 2 period, the Class change estimated Read on the Class 2 start date does not get updated

11. Portfolio Delivery

11. Portfolio Delivery

- 10a. Portfolio Delivery Overview POAP
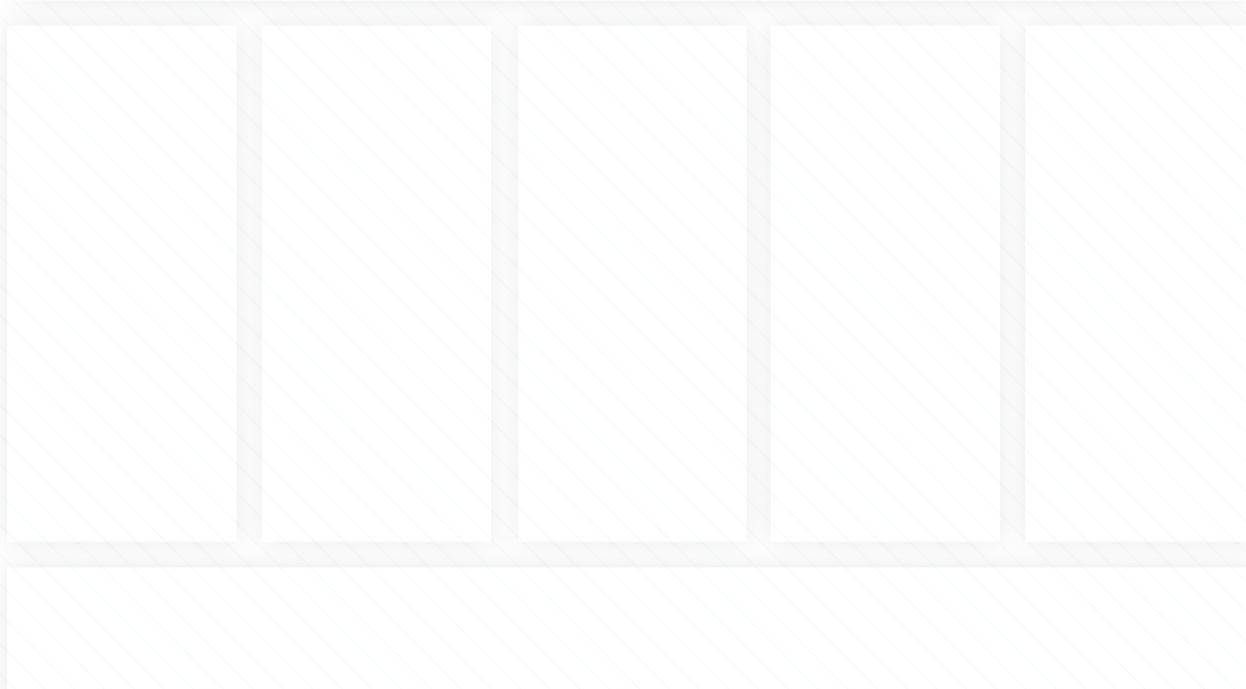
11a. Portfolio Delivery Overview POAP

- The POAP is available here.