



DSC Delivery Sub-Group

23rd March 2020



DSG Agenda

23rd March 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.	XRN5116 - Domestic Report - Must Read Prenotification	Slides	Chair	For Initial Overview of the Change
2a.ii.	XRN5120 – MAP to UKL Monthly Comparison Service	Slides	Chair	For Initial Overview of the Change
2a.iii.	XRN5121 – Supplier Portfolio Service	Slides	Chair	For Initial Overview of the Change
2a.iv.	XRN5123 – DSC Service Description Table cosmetic change to Service Line Table v10	Slides	Chair	For Initial Overview of the Change
2b.	Change Proposal Initial View Representations – None for this meeting			
2c.	Undergoing Solution Options Impact Assessment Review – None for this meeting			
2d.	Solution Options Impact Assessment Review Completed – None for this meeting			
3.	Changes in Detailed Design – None for this meeting			
3a.	Design Considerations– None for this meeting			
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	Mathew Rider / Ed Healy	Standing agenda item – for information (if there is an update)
4c.	XRN4914 - MOD 0651- Retrospective Data Update Provision	Slides	Tracy O'Connor/ Paul Orsler	Standing agenda item – for information (if there is an update)
4d.	Minor Release Drop 6	Slides	Ed Healy	Standing agenda item – for information (if there is an update)
5.	Retail and Network Delivery 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)
6b.	Issue with AQ Calculation for Class 3 Meter Points	Slides	Michele Downes	For Awareness and Discussion
Annex – For Information				
7.	ChMC Update	Slides	Rachel Taggart	Standing agenda item – for information (if there is an update)
8.	Defect Summary	Slides	Mark Tullett	Standing agenda item – for information (if there is an update)
9.	Portfolio Delivery			
9a.	Portfolio Delivery Overview POAP	POAP published on Xoserve.com		Standing agenda item – for information (if there is an update)
9b.	Data Delivery Overview	Slides	Jane Goodes	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

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- 2a.i. – XRN5116 – Domestic report – Must Read Prenotification
- 2a.ii. – XRN5120 – MAP to UKL Monthly Comparison Service
- 2a.iii. – XRN5121 – Supplier Portfolio Service
- 2a.iv. – XRN5123 – DSC Service Description Table cosmetic change to Service Line

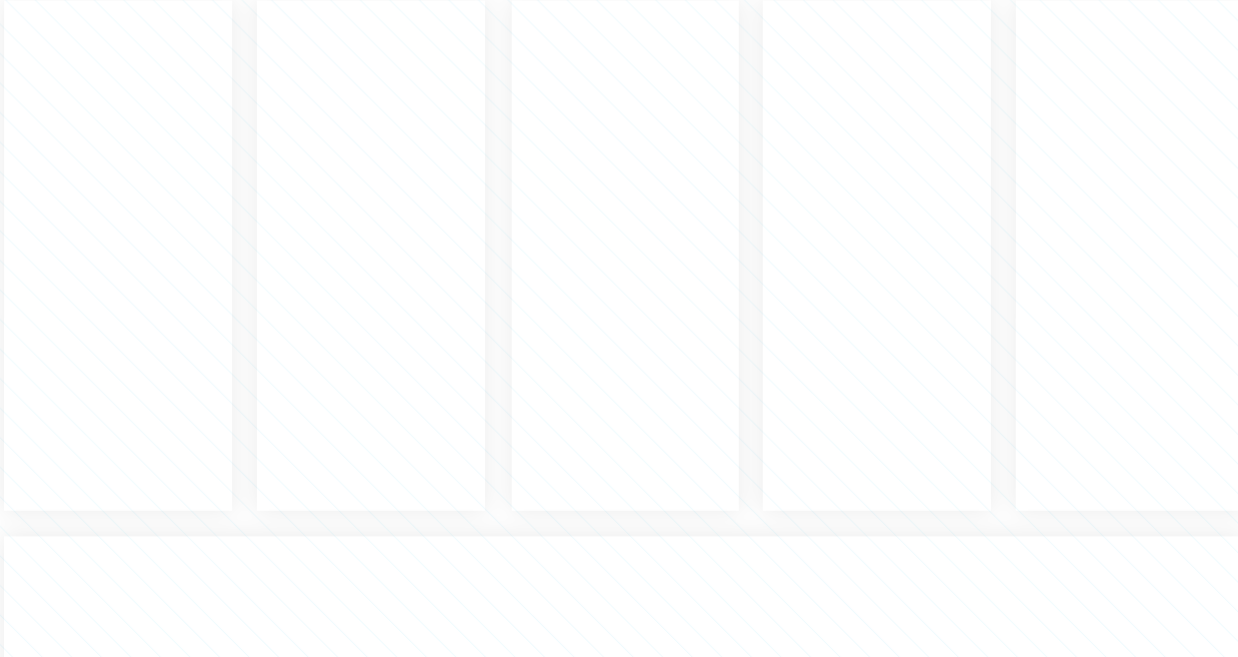
Table v10

2a.i. – XRN5116 – Domestic Report – Must Read Prenotification

- The Change Proposal can be found [here](#).

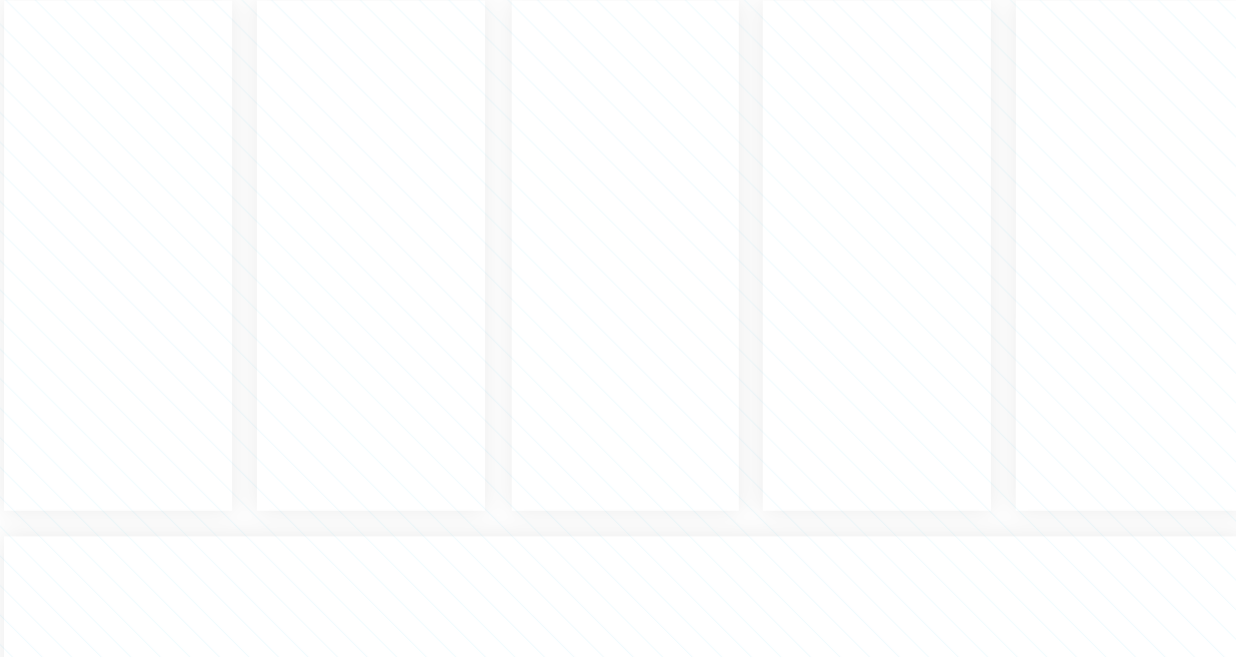
2a.ii. – XRN5120 – MAP to UKL Monthly Comparison Service

- The Change Proposal can be found [here](#).



2a.iii. – XRN5121 – Supplier Portfolio Service

- The Change Proposal can be found [here.](#)



2a.iv. – XRN5123 – DSC Service Description Table cosmetic change to Service Line Table v10

- The Change Proposal can be found [here](#).



2b. Change Proposal Initial View Representations

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- **None for this meeting**



2c. Undergoing Solution Options Impact Assessment Review

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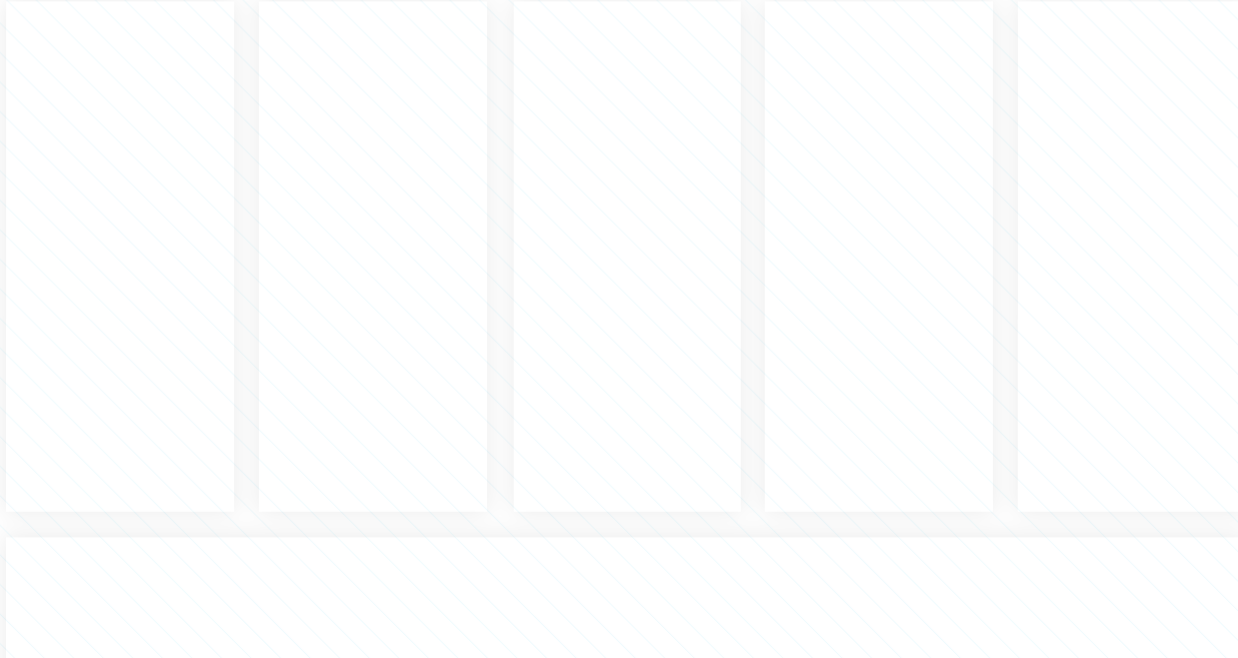
- **None for this meeting**



2d. Solution Options Impact Assessment Review Completed

2d. Solution Options Impact Assessment Review Completed

- **None for this meeting**

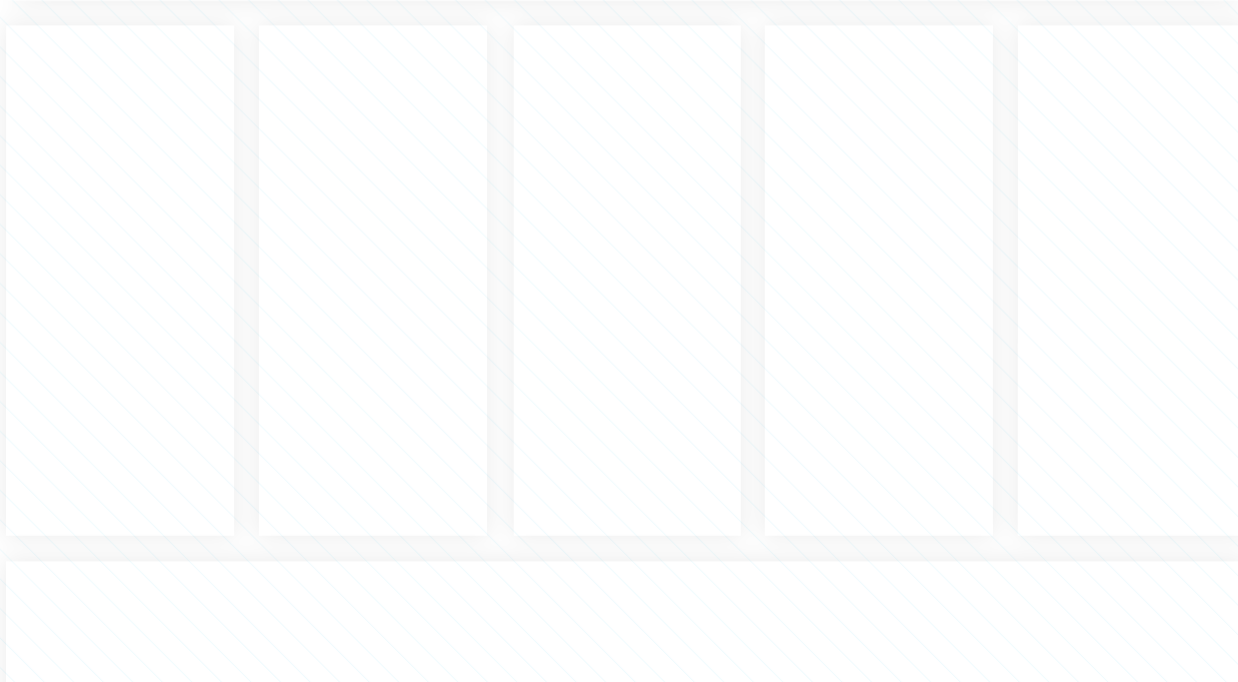




3. Changes in Detailed Design

3a. Design Considerations

- **None for this meeting**



3b. Requirements Clarification

- **None for this meeting**



4. Major Release Update

4. Major Release Update

- 4a. June 2020
- 4b. November 2020
- 4c. XRN4914 - MOD 0651- Retrospective Data Update Provision
- 4d. Minor Release Drop 6

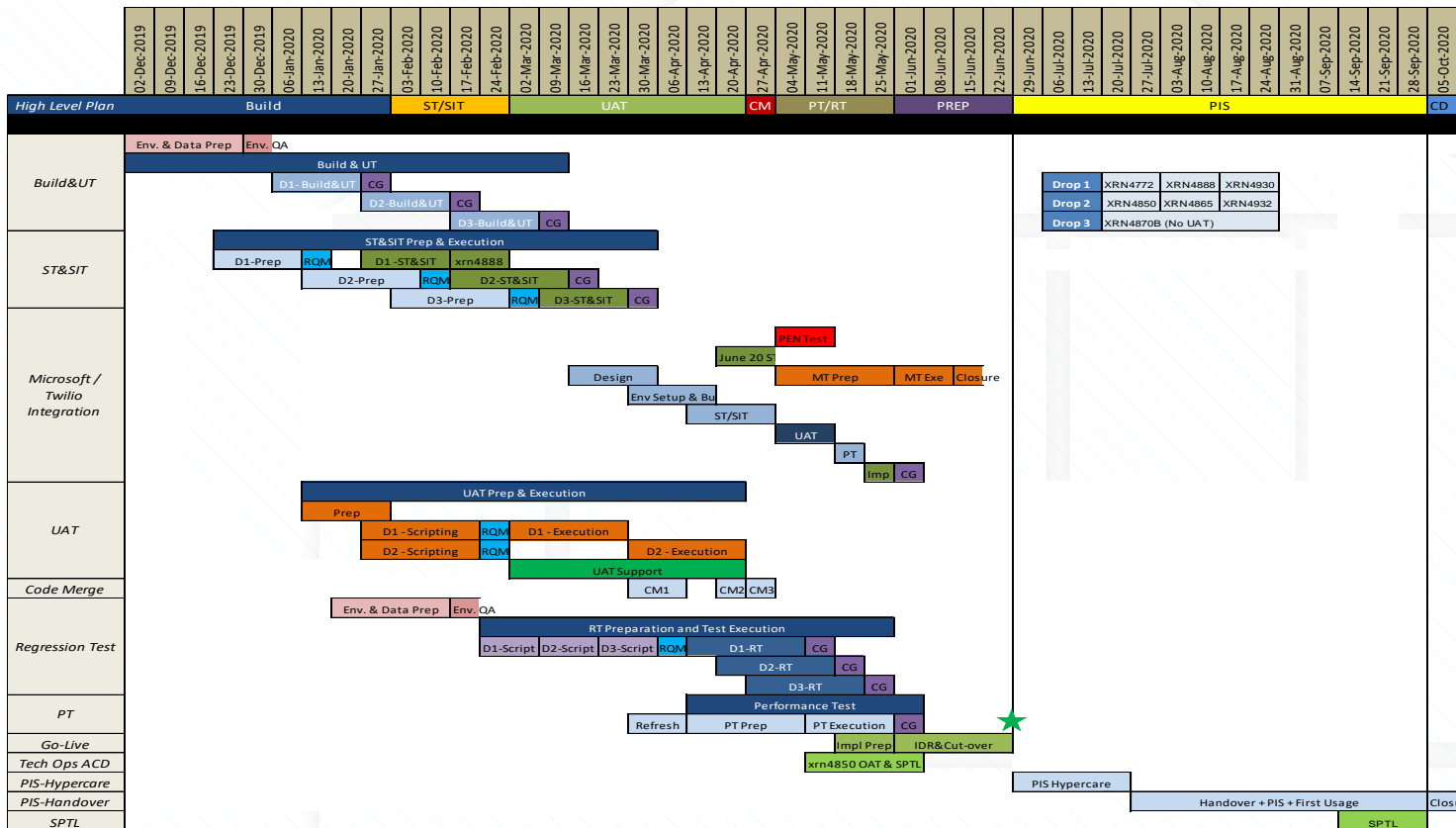


4a. XRN4996 - June 2020 Release update

4a. XRN4996 - June 20 Release - Status Update

23 rd March 2020	Overall Project RAG Status: ●			
	Schedule	Risks and Issues	Cost	Resources
RAG Status	●	●	●	●
Status Justification				
Schedule	<ul style="list-style-type: none"> • Plan: Market Trials was confirmed for xrn4850 at eChMC on 5th March, expected execution window is beginning of June. • Delivery: Build has completed for all changes. System Testing (ST) has been completed for 3 changes and (User Acceptance Testing (UAT) has commenced. ST is in progress for 3 changes. • Market Trials: Detailed planning in progress, MT Approach and prep activities to be shared during meeting. • Scope: Scope is unchanged from meeting in February, please refer to slide 4 for confirmed scope of release. • Implementation: Implementation date of Saturday 27th June confirmed. 			
Risks and Issues	<ul style="list-style-type: none"> • Risk – The remaining risk margin for this change will be used up due to additional, as yet unidentified, costs being incurred for the Integration of the SMS Service with Xoserve systems. 			
Cost	<ul style="list-style-type: none"> • Costs for the SMS set up and configuration for xrn4850 - Notification of Customer Contact Details to Transporters have been confirmed and were shared with ChMC on 11th March, a revised BER will be shared in April. 			
Resources	<ul style="list-style-type: none"> • Weekly monitoring of Xoserve SME resources supporting multiple demands (e.g. BAU defects, Future Releases etc.) is ongoing 			

XRN4996 - June 20 Release Timelines



Key Milestone Dates:
Capture completion
- 19/09/19

Design completion
- 13/12/19

Build & Unit Test completion
- 31/01/20

System & UAT completion
- 24/04/20

Regression Test completion
- 29/05/20

Market Trials completion
- 19/06/20 (provisional)

Implementation
- 27/06/20

PIS Completion
- 25/09/20 (provisional)

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)



4b. XRN5110 – November 2020 Release update

4b. XRN5110 - Nov 20 Release - Status Update

23/03/20	Overall Project RAG Status: 			
	Schedule	Risks and Issues	Cost	Resources
RAG Status				
Status Justification				
Schedule	<ul style="list-style-type: none"> Ten changes in scope for the November 20 release as agreed at the ChMC in February 2020 (please refer to the next slide for change numbers and titles) Analysis and Design activities commenced from the 2nd March 2020 All validation of captured Requirements workshops completed Solution workshops in progress 			
Risks and Issues	<ul style="list-style-type: none"> No major key Risks or Issues currently identified 			
Cost	<ul style="list-style-type: none"> The cost to deliver the Design phase has been agreed with the preferred Supplier with the EQR to be submitted to ChMC for approval. Full delivery costs to be confirmed once contractual arrangements confirmed for full delivery of the release. BER containing the full project delivery costs to be presented for approval at May 2020 ChMC 			
Resources	<ul style="list-style-type: none"> Weekly monitoring of Xoserve SME resources supporting multiple demands (e.g. BAU defects, Future Releases etc.) is ongoing. No current concerns 			

XRN5110 - Nov 20 Design Timeline

Key Milestone Dates:

- Analysis & Design activities commenced on 02/03/20 and are planned for completion by 08/05/20
- Requirements validation workshops completed for all in scope changes with Solution workshops in flight

XRN Description	02-Mar	03-Mar	04-Mar	05-Mar	06-Mar	09-Mar	10-Mar	11-Mar	12-Mar	13-Mar	16-Mar	17-Mar	18-Mar	19-Mar	20-Mar	23-Mar	24-Mar	25-Mar	26-Mar	27-Mar	30-Mar	31-Mar	01-Apr	02-Apr	03-Apr	06-Apr	07-Apr	08-Apr	09-Apr	10-Apr	13-Apr	14-Apr	15-Apr	16-Apr	17-Apr	20-Apr	21-Apr	22-Apr	23-Apr	24-Apr	27-Apr	28-Apr	29-Apr	30-Apr	01-May	04-May	05-May	06-May	07-May	08-May
4780c - MAP ID: CSSC		RG	RG	RG												PR					PR			CP												FS			FS											
4801 - Additional Info in DES		RG	RG	RG										PR		PR				CP																														
4871b - Ratchet regime changes		RG				RG																																												
4897 - Contact Details	RG		RG										PR			PR					CP																													
4899 - Contact Details	RG		RG										PR			PR					CP																													
4931 - Space in SPA Files				RG															PR				CP																											
4941 - MOD 692 - Auto Updates to Meter Read Frequency			RG																																															
4992 - Supplier of last resort charge type			RG	RG		RG											PR					PR		PR		CP											FS				FS		FS							
5014 - Hydeploy trial		RG											PR							PR			CP																FS					FS						
5036 - Updates to must read process		RG	RG																		PR				CP												FS								TS					
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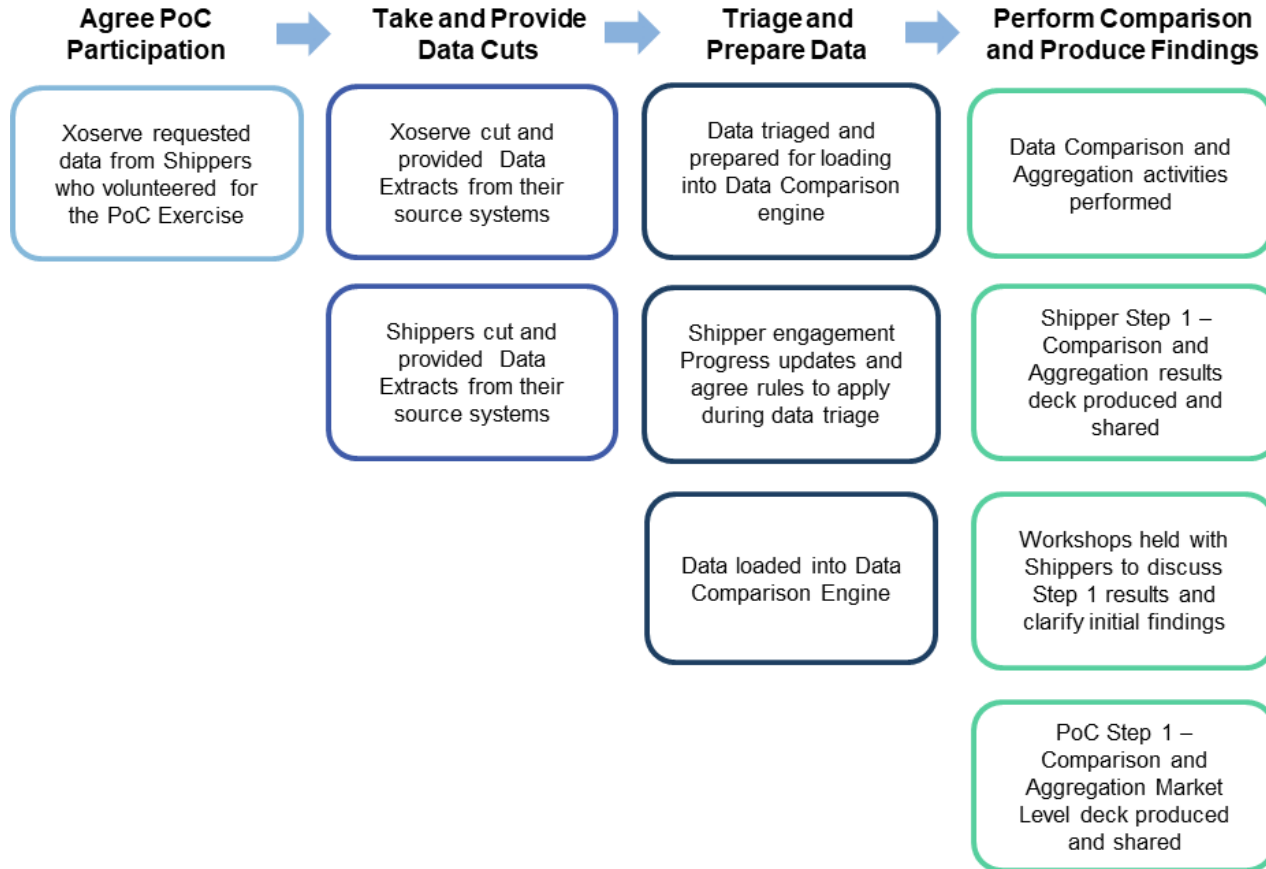


4c. Retro Proof of Concept

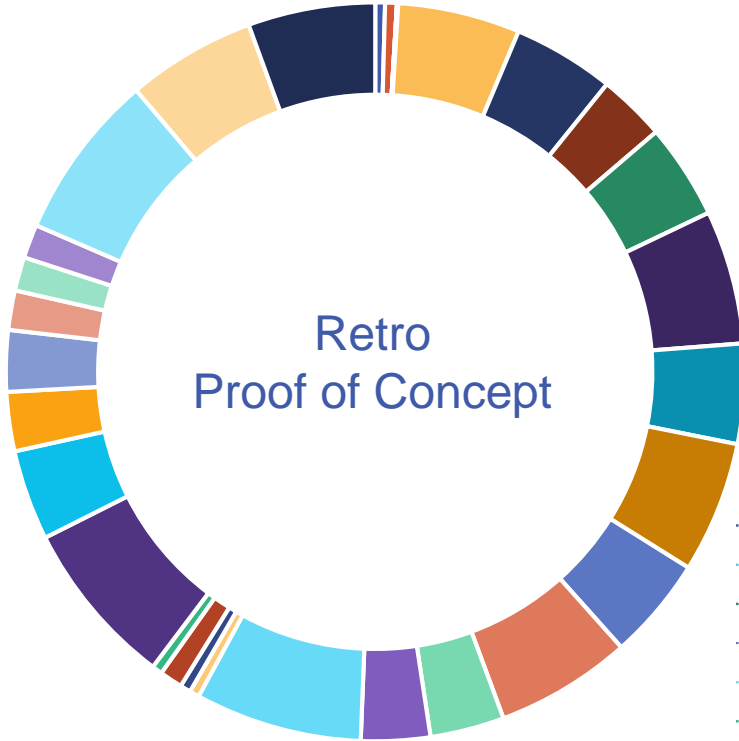
Step 1 'Data Comparison and Aggregation'

Market Level – Results Deck

Retro Proof of Concept - the Story So Far



Key Points



- Data Cut Timings – UK Link as of **8th December 2019**
- **9** Shipper participating in the Proof of Concept
- **9.7m** MPRNs received
- **133m** data items provided across **31** data fields
- This pack details the results from **Step 1** ‘Comparison and Aggregation’ of the levels and types of data mismatches identified
- Step 2 ‘Deep Dive’ analysis will investigate the impact & root cause of the Retro Assessable mismatches

• AMR_INDICATOR

• CONVERTOR_SERIAL_NUMBER

• METER_INSTALLATION_DATE

• METER_MODEL

• METER_POINT_REFERENCE

• METER_ROUND_THE_CLOCK

• NON_OPENING_CYCLIC_READ

• SHIPPER_SHORT_CODE

• COLLAR_STATUS

• CORRECTION_FACTOR

• METER_MANUFACTURED_YEAR

• METER_MODEL_NO_OF_DIALS

• METER_PULSE_VALUE

• METER_SERIAL_NUMBER

• PRODUCT_ID

• SUPPLIER_SHORT_CODE

• CONVERTOR_MANUFACTURER

• MARKET_SECTOR_CODE

• METER_MANUFACTURER_CODE

• METER_MULTIPLICATION_FACTOR

• METER_READ_INDEX

• METER_STATUS

• READ_DATE

• UNITS_OF_MEASURE

• CONVERTOR_MODEL

• MEASURING_CAPACITY

• METER_MECHANISM_CODE

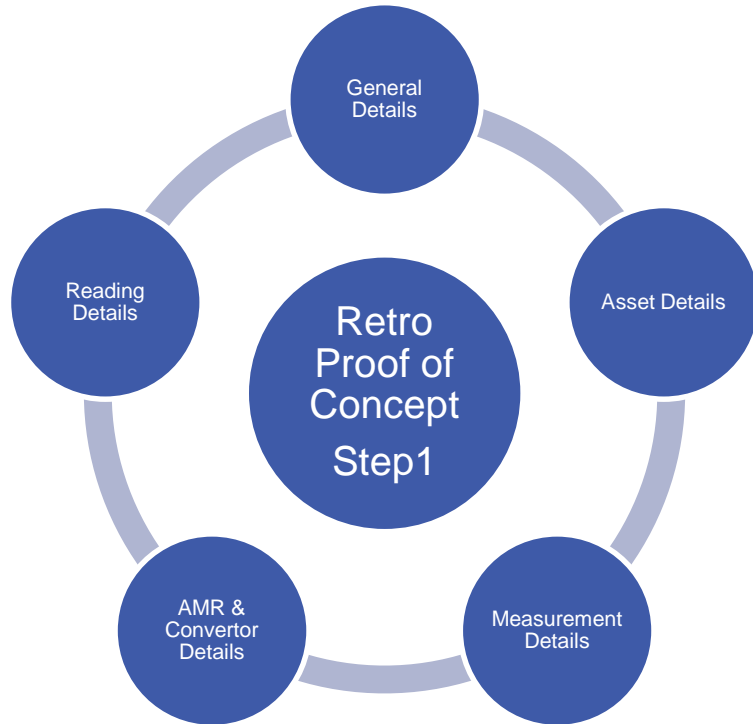
• METER_PAYMENT_METHOD

• METER_REMOVAL_DATE

• METER_TYPE

• READ_TYPE

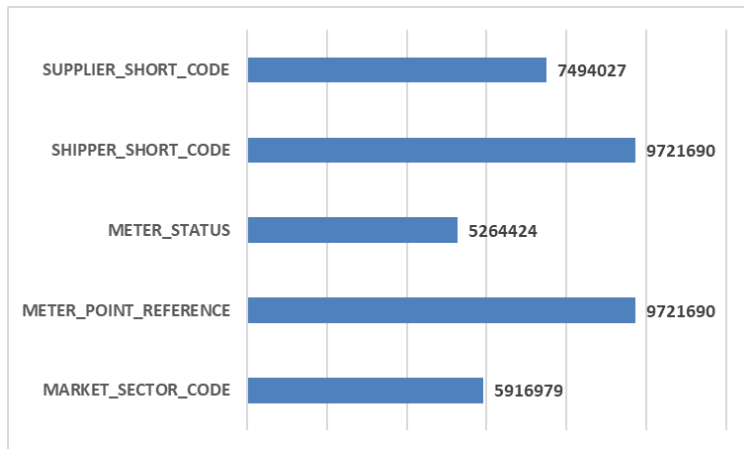
Step 1 - Market Level Data Categories



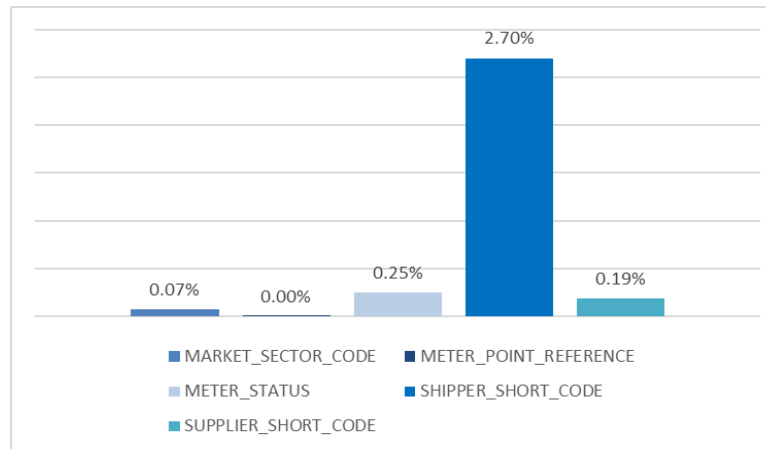
- To support presenting our Step 1 findings data items have been grouped into 5 categories
- Categories were defined based on the type of data items received from Shippers taking part in the PoC
- This data has been compared against equivalent records held in UK Link systems
- Any mismatches that have been identified will be fed into the Proof of Concept Step 2 Deep Dive analysis

General Details – Step 1 Findings

Frequency of Data Item Provided



Average Percentage of Mismatch Identified

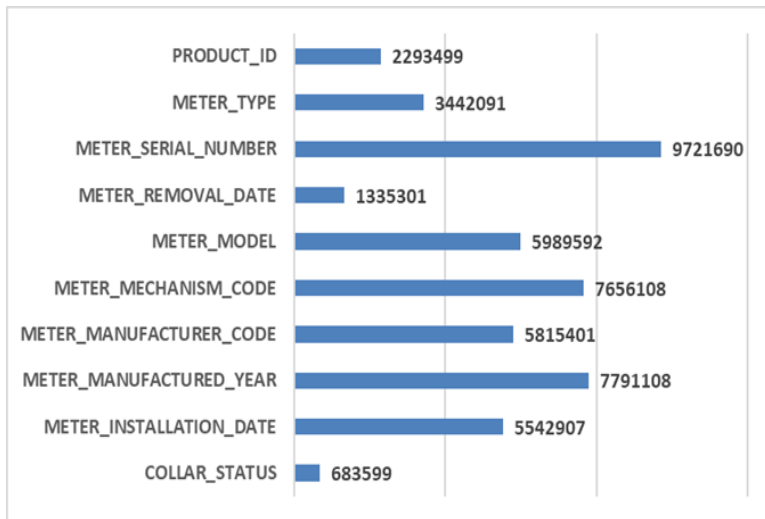


Key Points / Considerations

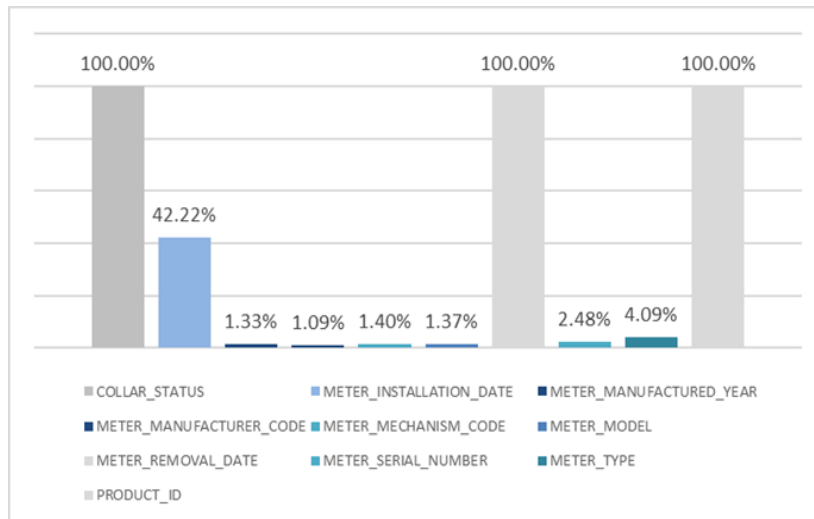
- **2.70% Mismatches for the Shipper Short Codes data item due to variation in data cut dates = the natural churn in MPRNs between Shippers**
- **0.25% Mismatch between Meter Status details data item – To be investigated as part of Step 2 Deep Dive analysis**
- **0.07% difference between Market Sector Code details provided by Shippers against equivalent record held in UK Link**

Asset Details – Step 1 Findings

Frequency of Data Item Provided



Average Percentage of Mismatch Identified

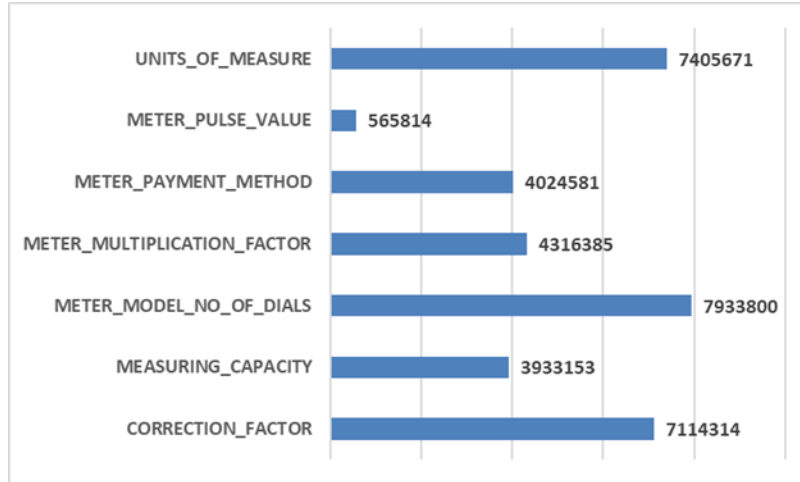


Key Points / Considerations

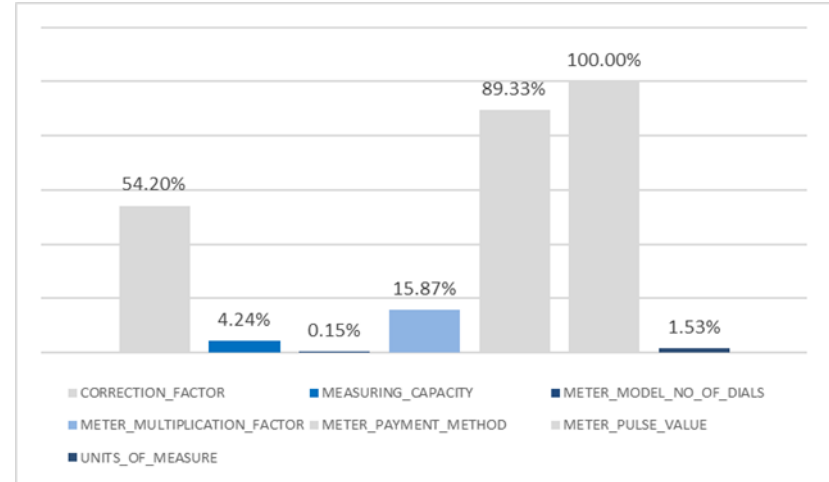
- 100% mismatches relate to data items where no equivalent UK Link values are held
- Meter Installation Date data item (42.22%) and Meter Removal Date data item (4.09%) identified differences in system treatment – e.g. Future Effective Meter Removal Dates provided in Shipper datasets
- 2.48% mismatch between Meter Serial Number data item held in respective systems – root cause and impact of this to be assessed in Step 2 Deep Dive analysis

Measuring Details – Step 1 Findings

Frequency of Data Item Provided



Average Percentage of Mismatch Identified

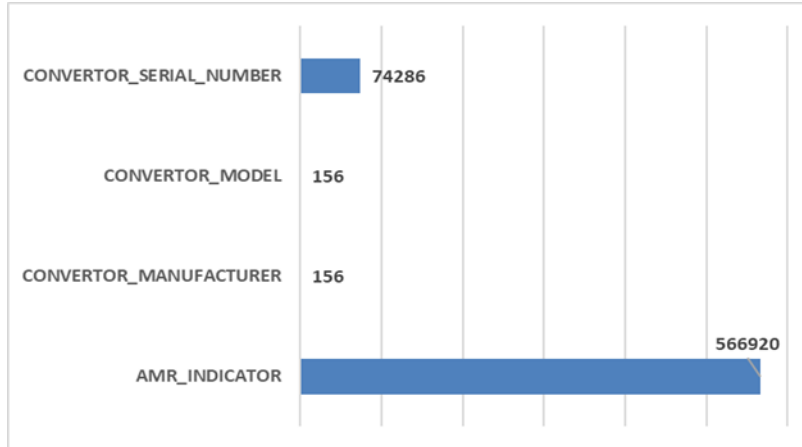


Key Points / Considerations

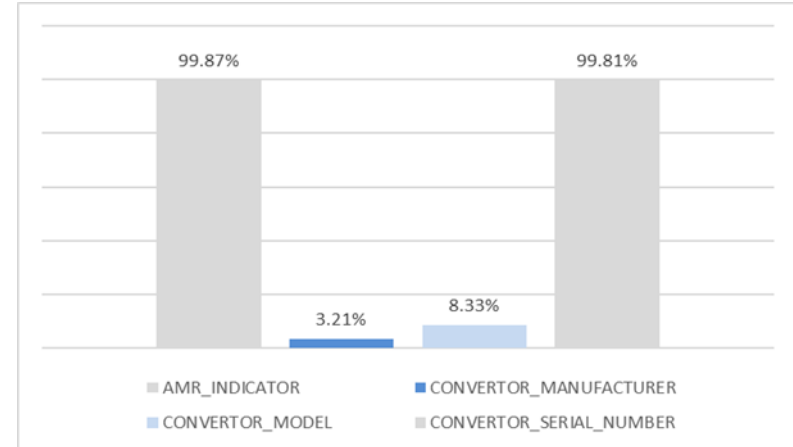
- Mismatches identified on Meter Payment Method data item (89.33%) and Meter Pulse Value data item (100%) due to minimal population of these data items being held in UK Link
- Correction Factor mismatches data item (54.20%) due to combination of rounding and truncation anomalies within Shipper datasets
- All data Items to be assessed further for root cause and impact as part of Step 2 Deep Dive analysis

AMR & Convertor Details – Step 1 Findings

Frequency of Data Item Provided



Average Percentage of Mismatch Identified

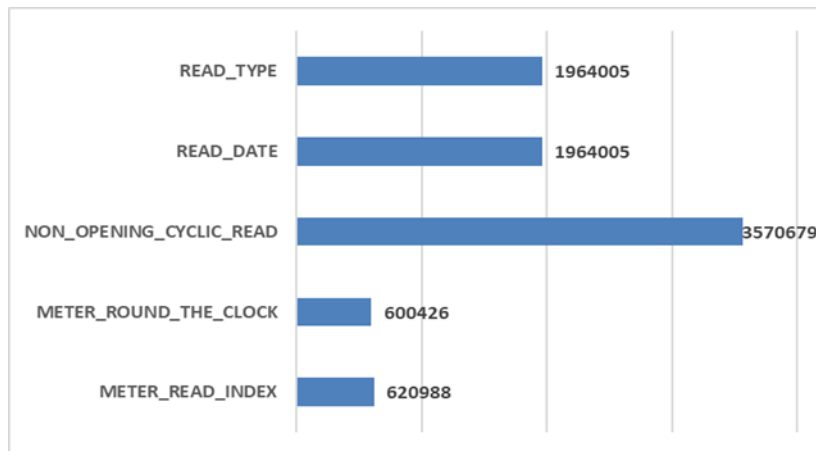


Key Points / Considerations

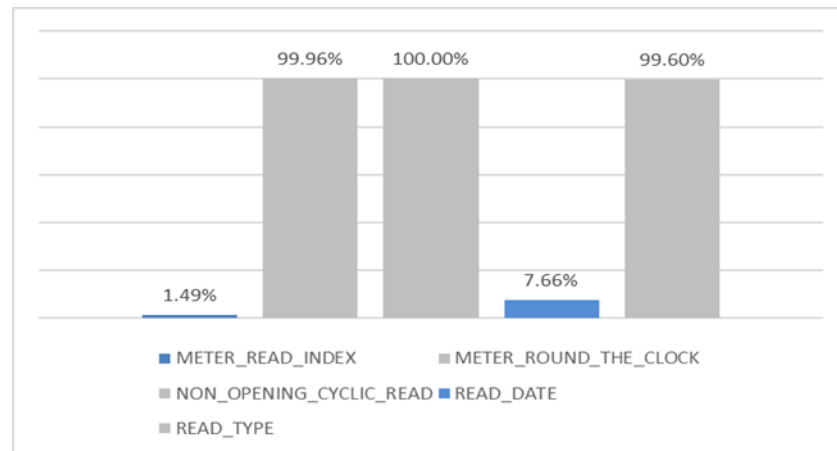
- **AMR Indicator data item (99.87%) and Convertor Serial Number data item (99.81%) mismatches due to default values being provided in Shipper datasets**
- **Convertor Model data item (8.33%) and Convertor Manufacturer data item (3.21%) mismatches to be investigated further during Step 2 Deep Dive analysis**
- **All data Items to be assessed further for root cause and impact as part of Step 2 Deep Dive analysis**

Reading Details – Step 1 Findings

Frequency of Data Item Provided



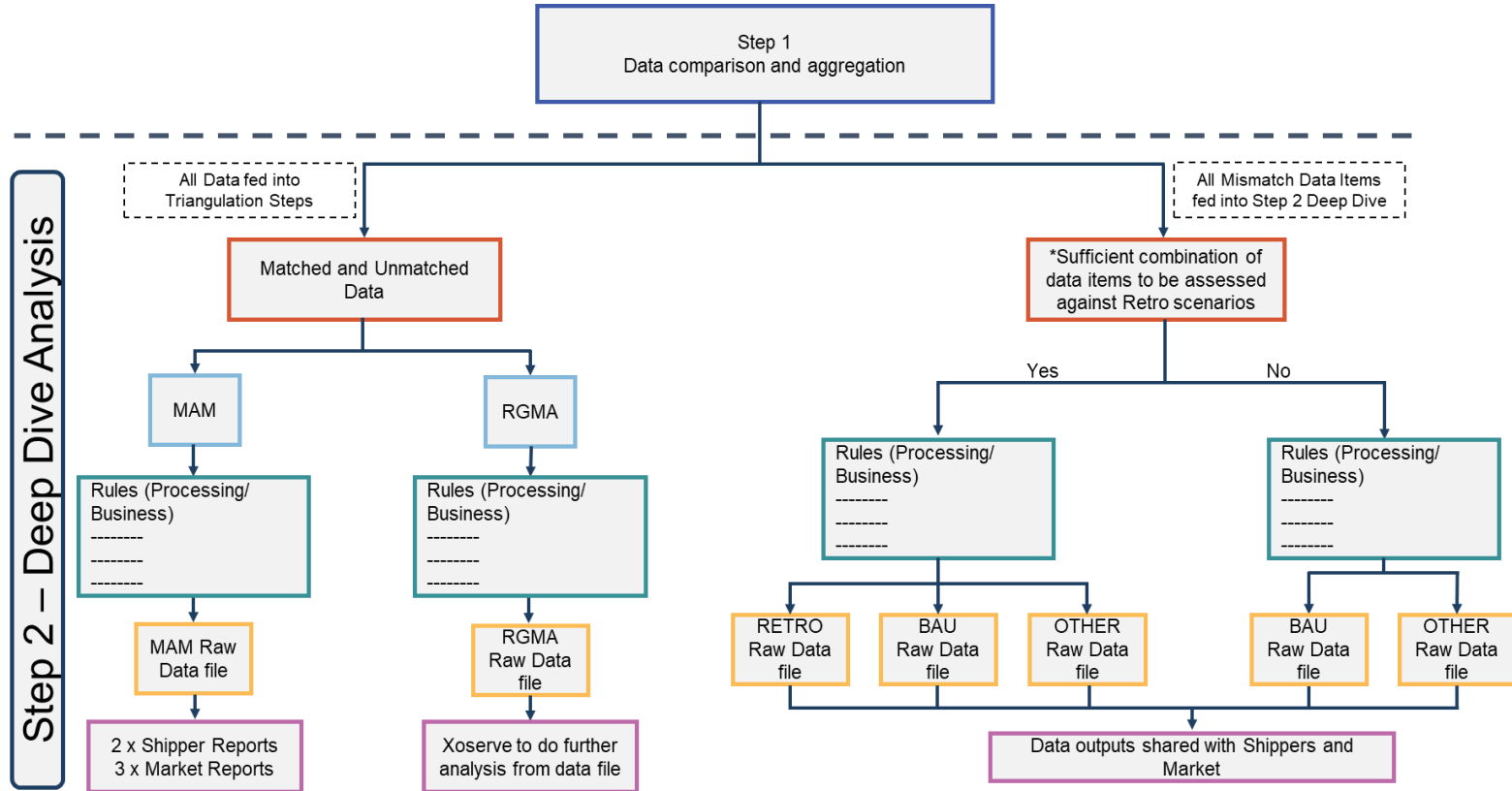
Average Percentage of Mismatch Identified



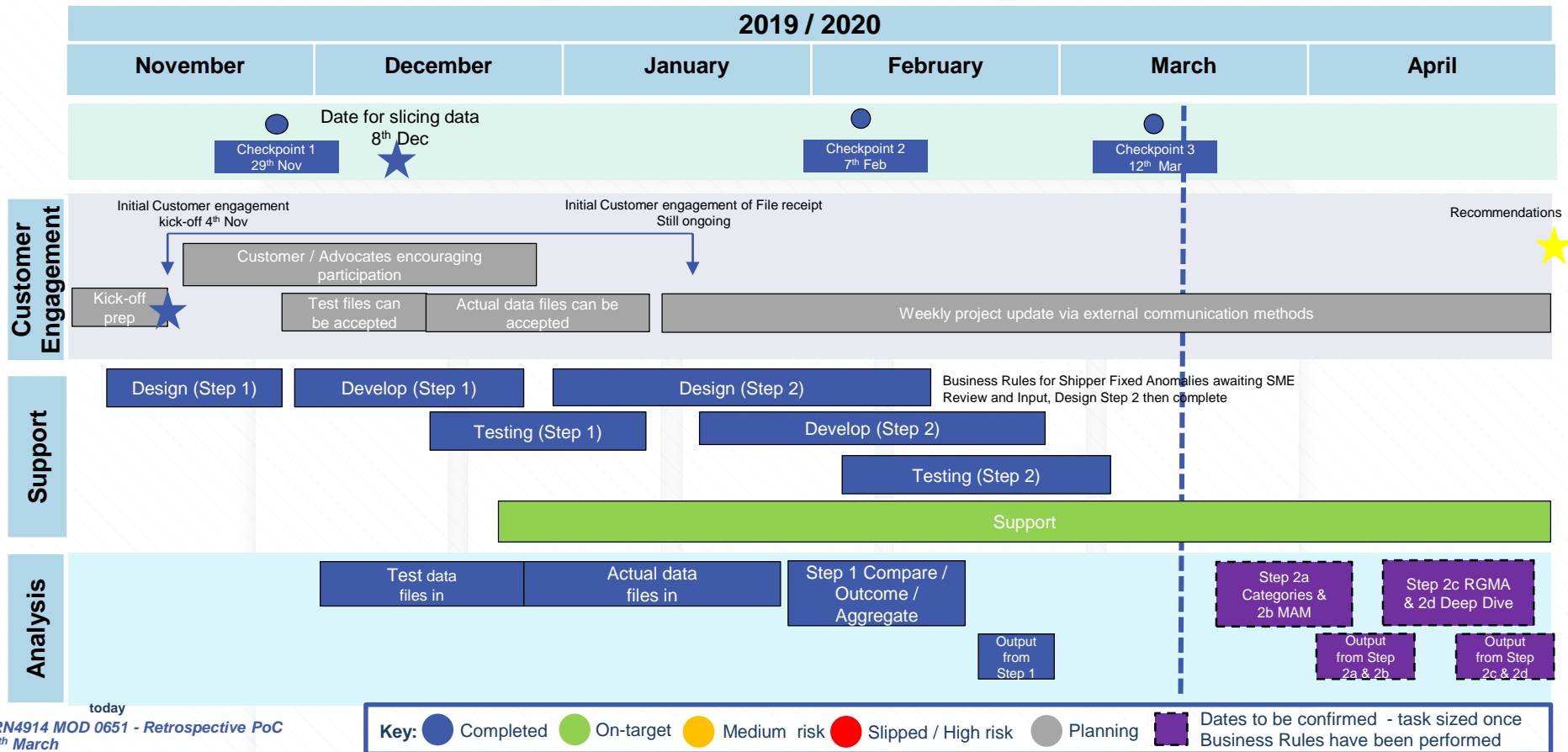
Key Points / Considerations

- **Meter Round the Clock data item (99.96%)** due to difference in the way data is stored in respective systems (e.g. 01 provided vs 1 held in UK Link)
- **Mismatches against Non Opening Cyclic Read data item (100%) and Read Type data item (99.6%)** expected as these items were requested to support further analysis during Step 2 Deep Dive
- **Differences in Meter Read Index data item (1.49%) and Read Date data item (7.66%)** appear genuine and will also be assessed further during Step 2 Deep Dive analysis

What's Happening Next?







XRN4914 – Retro Proof of Concept - Timeline





4d. Minor Release Drop 6 Update

4d. XRN5057 – Minor Release Drop 6 - Status Update

23/03/20	Overall Project RAG Status:			
	Schedule	Risks and Issues	Cost	Resources
RAG Status				
Status Justification				
Schedule	<ul style="list-style-type: none"> Two changes in XRN5057 Minor Release Drop 6 to be implemented on 29/02/20: <ul style="list-style-type: none"> XRN4955 - Amendment of MDD PSR Needs Codes and Needs Codes Descriptions XRN4997 - Introduction of New Charge Codes for Pro-Active Payment of GOP 3 and GSOP 13 and GT Voluntary Consumer Payment Successful implementation completed 29/02/20 First usage in progress and evidence is being assured. No defects or issues found to date. Approval received to exit PIS on 12th March. Closedown preparation ongoing 			
Risks and Issues	<ul style="list-style-type: none"> There is a risk that not all occurrences of 'first usage' will be triggered during the PIS window. 			
Cost	<ul style="list-style-type: none"> Changes are being delivered as part of Minor Release Budget. 			
Resources	<ul style="list-style-type: none"> Weekly monitoring of Xoserve SME resources supporting first usage is ongoing 			

XRN5057 – Minor Release Drop 6 Timelines

Key Dates:

- Impact Assessment Completed – 06/12/19
- Design Complete and Approved – 20/12/19
- Build Complete MiRD6– 03/01/20
- Testing Complete – 18/02/20
- Implementation Complete – 29/02/20
- PIS Complete – 13/03/20

CR ID	11-Nov-19	18-Nov-19	25-Nov-19	02-Dec-19	09-Dec-19	16-Dec-19	23-Dec-19	30-Dec-19	06-Jan-20	13-Jan-20	20-Jan-20	27-Jan-20	03-Feb-20	10-Feb-20	17-Feb-20	24-Feb-20	02-Mar-20	09-Mar-20
	Pre-Work		Wk 1	Wk 2	Wk 4	Wk 5	Wk 6	Wk 7	Wk 8	Wk 9	Wk 10	Wk 11	Wk 12	Wk 13	Wk 14	Wk 15	Wk 16	Wk 17
XRN 5057	IA & Approval																	
				Design & Approval		Build + FUT			ST + Assurance				Code Merge					
												RT + Assurance		Contingency	Imp 29/02	PIS		



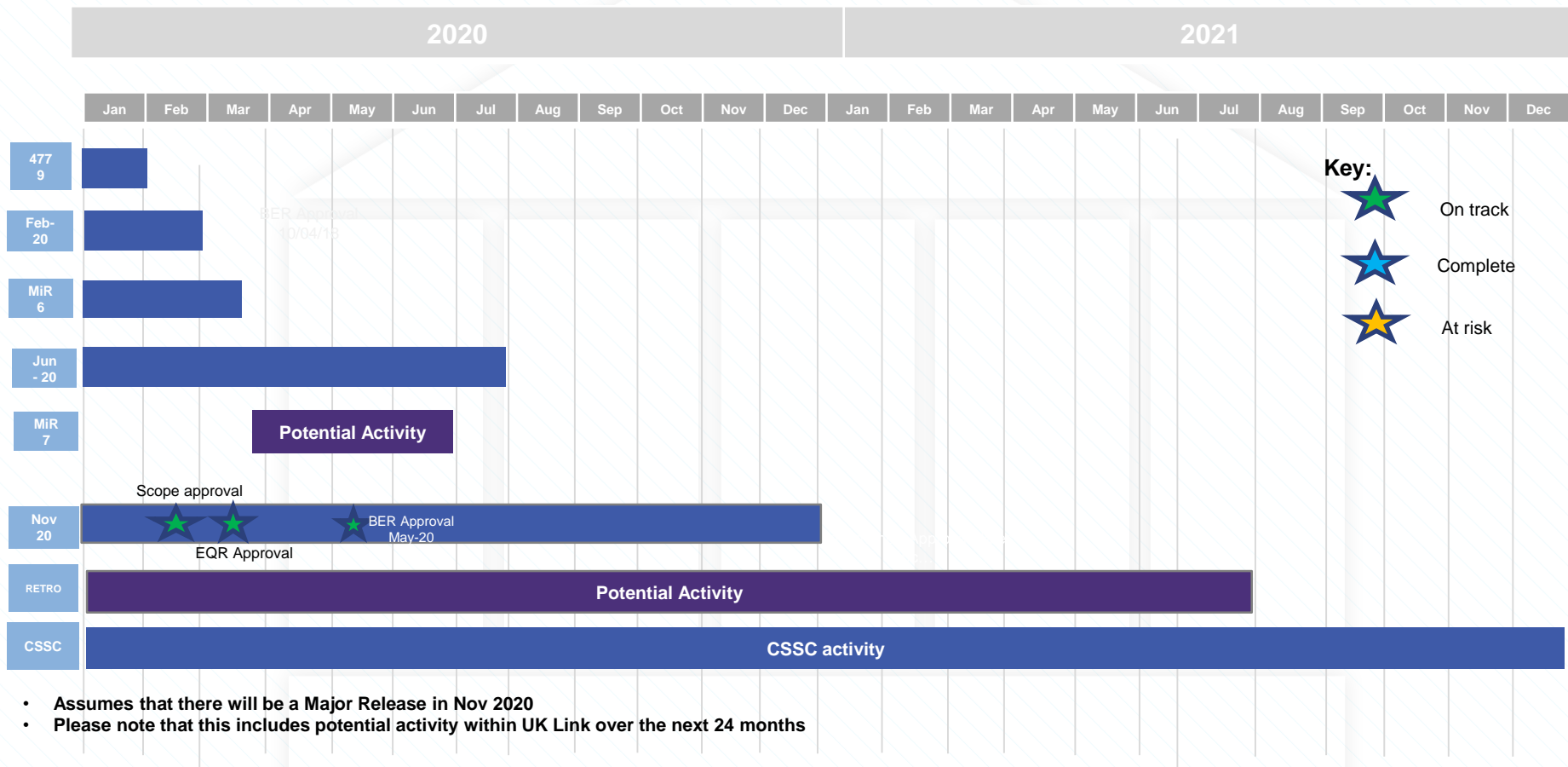
5. Retail and Network Delivery Overview



March 2020 DSG

UK LINK RELEASES UPDATE – FOR INFORMATION

2020/2021 UK Link Governance Timeline



Change Index – UK Link Allocated Change

Proposed Release	XRN	Change Title	Current Status	UK Link Release	Complexity	Finance
Feb 20	4896	Rejection code reword – defect 1492 / End User Categories (EUC file format descriptions)	In Delivery	Documentation	N/A	N/A
MiR D6 Feb-20	4955	Amendments of MDD PSR needs code descriptions	In PiS	MiR D6	Medium	N/A
	4997	Introducing new charge codes for pro-active payment of GSOP 3 and GSOP 13	In PiS	MiR D6	Small	N/A
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	4627	Consequential Central Switching Services	In Delivery	June 2021	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
	5036	Updates to must read process	In Delivery	Nov 2020	Small	DNO
	4897/ 4899	Contact details – resolution of deleted contact details and PSR data at change of shipper event	In Delivery	Nov 2020	Large	Shippers
	4992	Supplier of last resort charge type	In Delivery	Nov 2020	Medium	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
	4780c	MAP ID part C (CSSC)	In Delivery	Nov 2020	Large	CSS
	4941	Auto updates to meter read frequency	In Delivery	Nov 2020	Large	Shippers
	4871b	Ratchet regime changes part B	In Delivery	Nov 2020	Large	DNO

UK Link – Unallocated Changes

XRN#	Description	Capture Status	Release Type	Indicative Release	Complexity	Points
4645	The rejection of incrementing reads submitted for an Isolated Supply Meter Point (RGMA flows)	In capture	Major	tbc	Tbc	tbc
4691	CSEPs – to be consolidated	On hold	Major	Tbc	Medium	8
4692	CSEPs – to be consolidated	On hold	Major	Tbc	Medium	8
4693	CSEPs – to be consolidated	On hold	Major	Tbc	Tbc	Tbc
4694	CSEPs – to be consolidated	On hold	Major	tbc	Tbc	Tbc
4854	Transfer of NDM sampling obligations from Distribution Network Operators to the CDSP	On hold	tbc	tbc	tbc	Tbc
4896	Failure to Supply Gas System and Template Amendment	Requirements in review	Minor	tbc	Small	5
4914	Retro (MOD 651)	On hold for POC	Standalone	tbc	tbc	Tbc
4923	AQ Calculation for RGMA (ONUPD) Estimate Reads	Requirements in review	Minor	Tbc	tbc	Tbc
4978	Notification of Rolling AQ value (following transfer of ownership between M5 and M)	In capture	tbc	tbc	tbc	Tbc
4990	Transfer of sites with Low Read Submission Performance from Class 2 and 3 into Class 4 (Mod 664)	Ready for assignment	Major	tbc	tbc	Tbc
5000	CZI +COI supporting information files	Ready for assignment	tbc	tbc	tbc	Tbc
5027	UK Link data cleanse of conversion factor in line with MOD681s	In capture	tbc	tbc	tbc	Tbc
5038	Convert class 2, 3, 4 to class 1 (MOD691)	In Capture	Tbc	Tbc	Tbc	Tbc
5070	Amendment to isolation flag	In Capture	Tbc	Tbc	Tbc	Tbc
5072	Class 4 with AMR/D4 installed. RGMA flow received with no RTC count	In Capture	Tbc	Tbc	Tbc	Tbc
5091	Deferral of creation of class change reads at transfer of ownership	In Capture	tbc	Tbc		tbc
5093	Update of AUG table to reflect new EUC bands	In Capture	Tbc	tbc	tbc	Tbc
5116	Domestic report – must read pre-notification	In Capture	Tbc	Tbc	Tbc	tbc
5117	Correct to failure to supply gas invoicing	In Capture	Tbc	Tbc	Tbc	tbc

November 2020 Major Release Confirmed Scope

XRN	Description	Relative Size	T-Shirt	Finance	Comments
5014	Hydeploy Live Trial	13	Large	DNO	Xoserve have been asked to investigate feasibility of bringing the trial forward to Sep 2020.
5036	Updates to must read process	5	Small	DNO	Option 1 is preferred solution. Change Pack issued on 15/02. Xoserve exploring delivering via Minor Release.
4897 / 4899	Contact details	13	Large	Shippers	Requirements clarification in progress.
4992	Supplier of last resort charge type	5	Medium	Shippers	Ofgem decision pending for Option 1. ChMC approved to continue until Ofgem decision made.
4931	Space in SPA files	8	Medium	Shippers	
4801	Additional info in DES	8	Medium	Shippers	
4780c	MAP ID (Part C)	13	Large	Shippers (CSS)	Solution agreed ChMC. Question re party undertaking updates (MAPs or MAMs).
4941	Auto Updates to Meter Read Frequency	13	Large	Shippers	Under appeal with Ofgem. Xoserve proceeding with change as agreed at Feb ChMC.
4871b	Ratchet Regime changes (Part B)	13	Large	DNO	
Total Estimates		91			

Glossary / RAG

RAG Status	Description
RED	Change at high risk for Nov 20 inclusion as not sufficiently developed
AMBER	Change may be ready for Nov 20 release if governance completed in time
GREEN	Change ready for inclusion in Nov 20
GREY	Change not being considered for Nov 20

Project Phase Abbrev.	Project Phase
FUT	Factory Unit Testing
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)



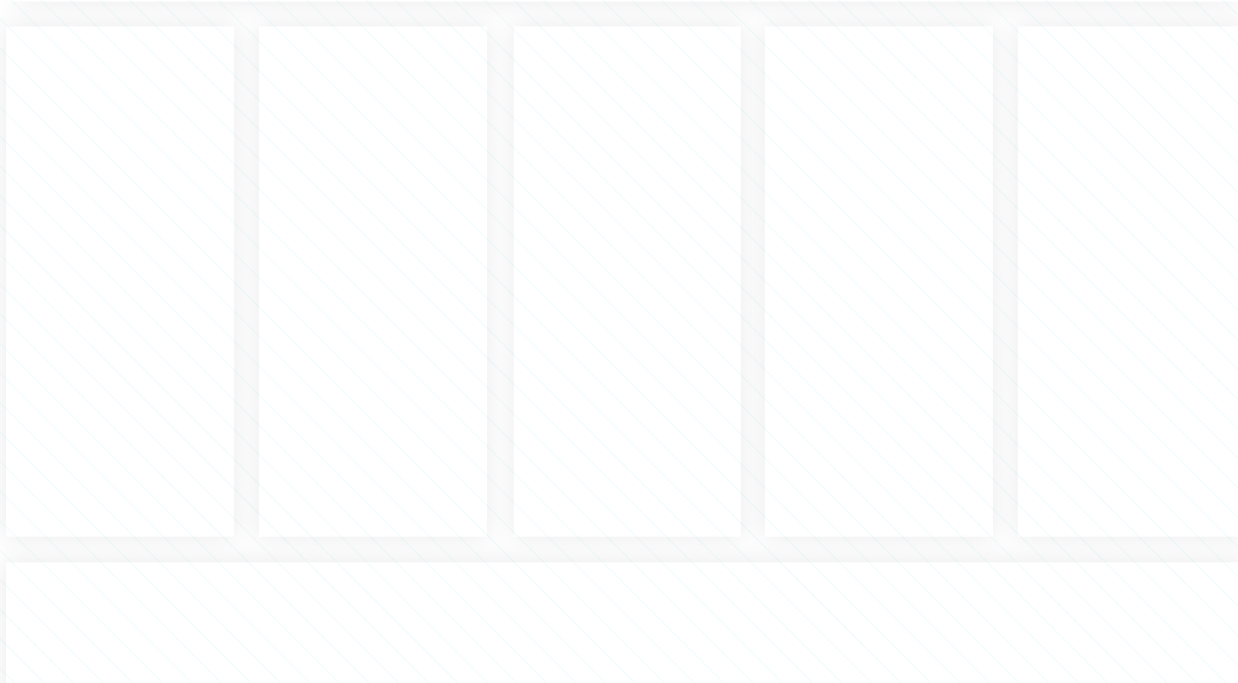
6. Issue Management

6. Issue Management

- 6a. AQ Taskforce Update
- 6b. Issue with AQ Calculation for Class 3 Meter Points

AQ Defects

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





6a. AQ Taskforce Update

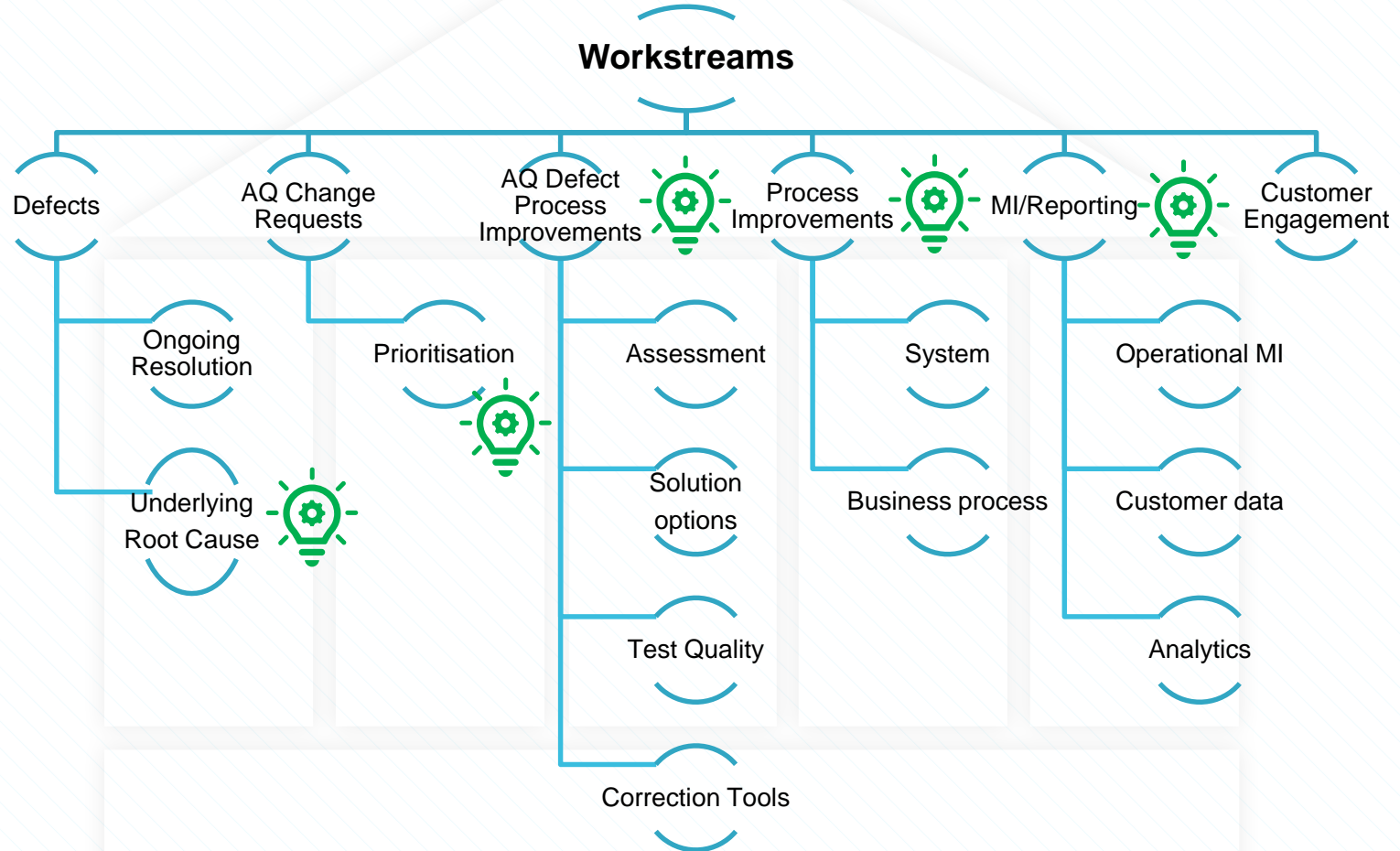
23rd March 2020

Version 0.2

Summary

- We have focused our immediate attention on ensuring that the right level of quality is being applied to the known AQ defects (17 open defects as at 6th March). A 'drains up' review of our defect process has been instigated to ensure appropriate levels of control exist supported by daily 'drumbeat' sessions to ensure all parties are working to agreed targets/outcomes.
- We continue to see defects being raised but these are slowing, whilst positively we are starting to clear the backlog.
- The underlying root cause of these issues remains a significant body of work, and work has started to 'package' these into focused areas for investigation (see later slide) by our technical suppliers and business SME's.
- To aide root cause and visibility of issues we are seeking to develop a suite of data/MI to aide the day to day process as well as further assure the AQ data correction output.
- Workstreams have been established and resources are being assigned accountability and responsibility within each. Presently this is being done through a virtual team model, and as further insight on root cause is identified we will look to secure dedicated resources.

AQ Taskforce Workstreams



AQ Defect Status (6th March)

52

Defects impacting AQ since August 2019. Circa 800,000 MPRNs affected

17

Open Defects

35

Resolved defects
(c.798k MPRNs)

4

Analysis

1

Technical Fix

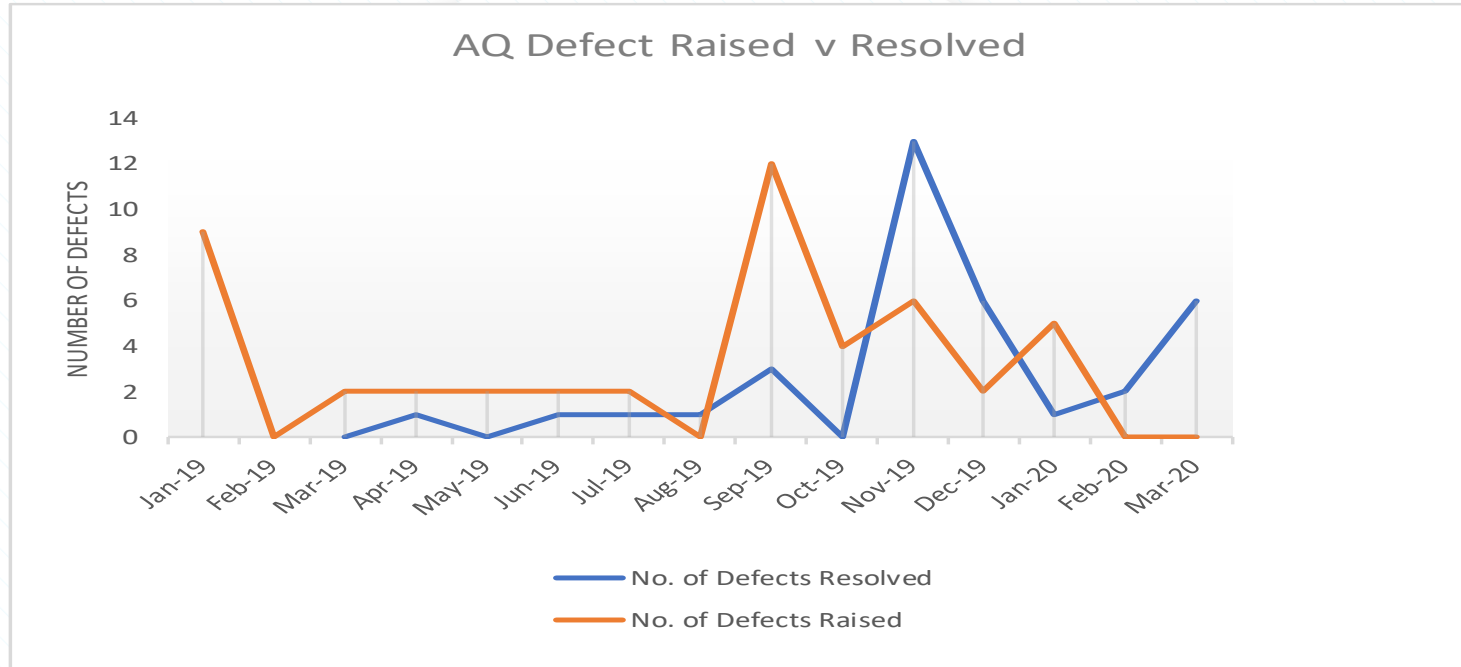
5

UAT

7

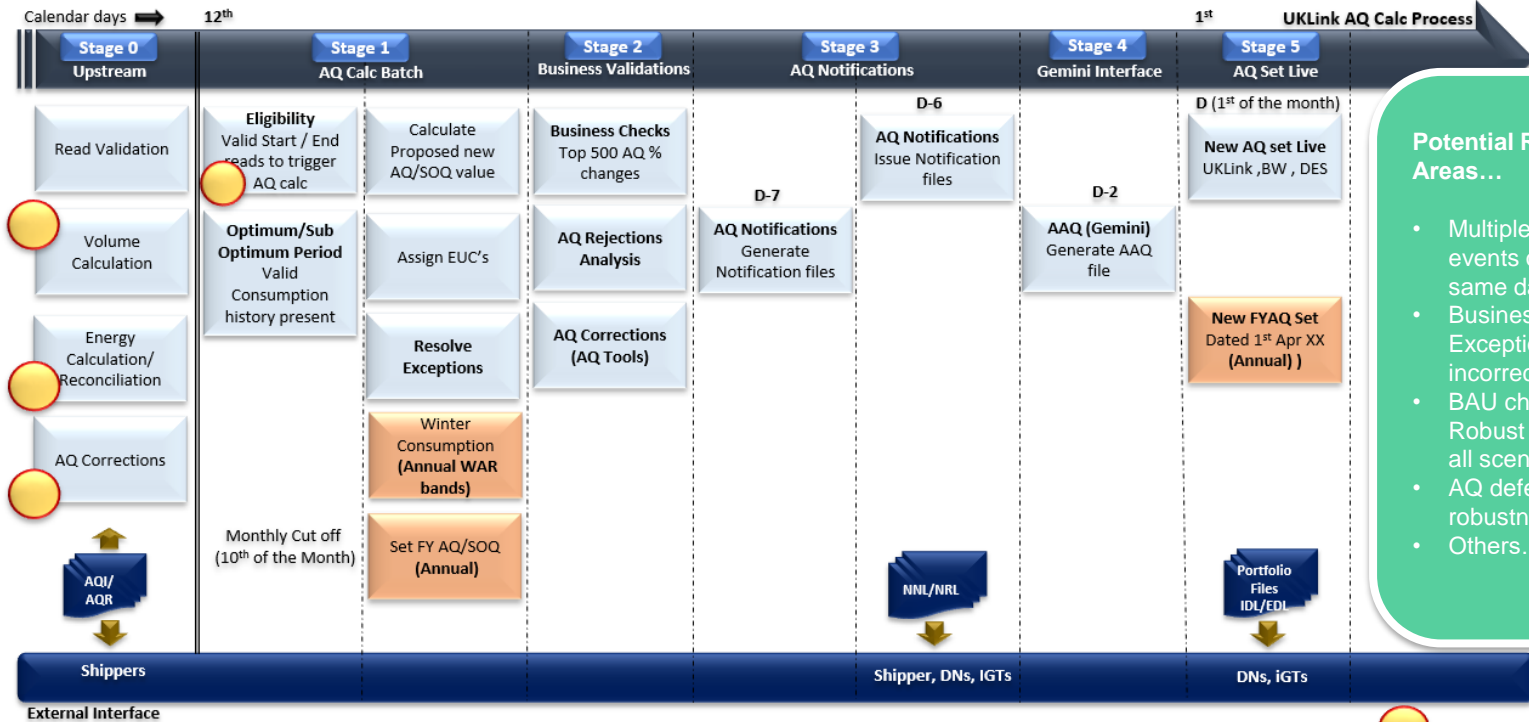
Fixed, Deployed
Awaiting Data
Correction

Raised and Resolved AQ Defects by Month



- Defects with a high volume of impacted MPRNs or were known to have a significant impact on the AQ were prioritised and resolved prior to 1st December 2019.
- Defects continue to be raised however these are slowing, and our ability to clear the backlog is improving.

Monthly AQ Process – Defect Heat-Map



Potential Root Cause Areas...

- Multiple process/system events occurring on the same day
- Business/Technical Exceptions resulting in incorrect AQ
- BAU change delivery – Robust regression test of all scenarios/variants
- AQ defect process – robustness of process
- Others...

Next Steps...

- Greater detail on the defect glide path
- Highlighting the quick wins achieved and the outcome they have delivered
- Specific insight on the root cause and what remediation can be put in place (short, medium and long term)
- Providing greater confidence on what additional checks and balances are being applied to BAU processing



6b. Issue with AQ Calculation for Class 3 Meter Points

DSG 23rd March 2020

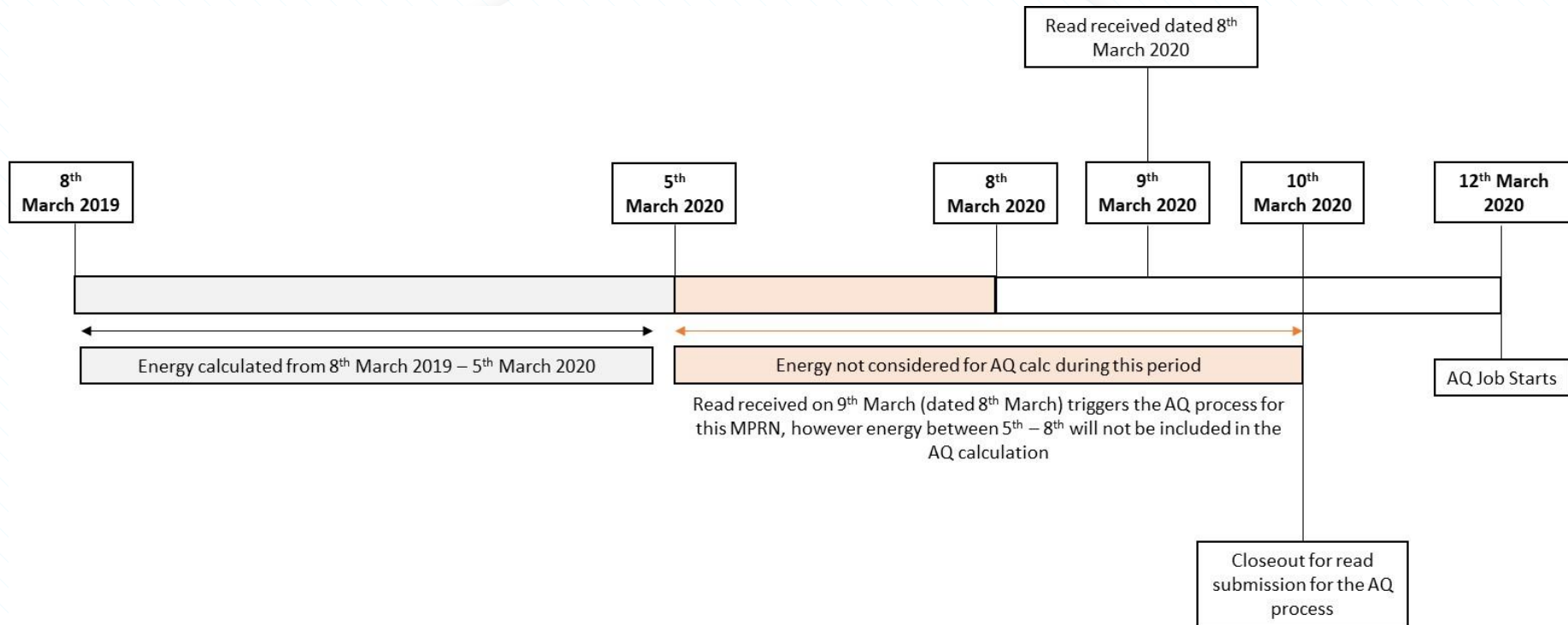
Background

- The AQ process is triggered by a read submitted within the read submission window for the AQ process; between the 11th of the month and 10th of the following month
- For Class 1 and 2 meter points it is recognised that only reads that have been closed out (GFD+5) will be used in the AQ process; therefore read dated 5th
- For Class 4 meter points, the energy is derived by using the actual volume between the reads & using an average CV to calculate the energy.
- For Class 3 meter points, actual energy is used but for reads dated after 5th of the month, the data is not available to calculate the energy

Issue

- For Class 3 Meter Points-energy calculations rely on energy factors, which are calculated and stored within Gemini and are sent to UK Link daily for the Gas Flow Day at D-7. This seven day period is required to meet the CV closeout window.
- The monthly rolling AQ calculation uses read submissions from the 11th of the previous month up to and including the 10th of the current month. Where a meter read is dated between the 5th and the 10th is accepted within the read submission period, energy has not been calculated for those days, due to the energy factors not being received from Gemini.
- As the energy is not being calculated for this period of time, this is resulting in the Rolling AQ calculation not using the energy for these days and therefore being understated.

Example of how AQ is calculated for Class 3



Options Considered

Option Description	Pros	Cons
Do nothing	No changes required	If only submitted reads dated no later than 5 th the process would work correctly
Change the AQ process so it only uses reads in the previous calendar month	This would require a change request and may not be implemented soon	Consistent with Rec process
System change to use energy derived by average CV rather than actual CV	This would require a change request and may not be implemented soon	Consistent with Class 4
System change to recognise for Class 3 meter points to only use reads where energy factors are available (dated 5 th of earlier)	This would require a change request and may not be implemented soon	Consistent with Class 1 and 2 meter points

7. DSC Change Management Committee Update

11th March 2020 Meeting

New Change Requests

Xoserve Ref No.	Change title	Next steps	Service area	DSC impact
5116	Domestic Report - Must Read Prenotification	Approved for Capture with DSG	Service Area 18: Provision of user reports and information	Existing service line
5120	MAP to UKL Monthly Comparison Service	Approved for Capture with DSG	Service Area 18: Provision of user reports and information	Existing service line
5110	November 2020 Release	For information only	N/A	
5121	Supplier Portfolio Service	Approved for Development	N/A	None expected to be impacted. New service to Suppliers, suppliers do not form part of DSC customer base and data transfers to non-DSC customers are covered under existing service lines.
5122	Gemini System Enhancements	Approved for Capture with Gemini team	Service Area 20: Gemini system services	Existing service line
5123	DSC Service Description Table cosmetic change to service line table v10	Will go to CoMC	N/A	The introduction of 3 new service lines to cover BAU activities

Change Proposals – Capture complete

Xoserve Ref No.	Change title	Next steps	Service area	DSC impact
5036	Updates to must read process	Pulled from Nov 20 to be included in a Minor Release	Service Area 2 but change funding split – 100% DNs Service Lines – SS SA22 05 and SS SA22 06 These Service Lines will continue. The funding split for the changes to the must read process are proposed as 100% DN funded however this is not the funding split of Service Area 2.	Existing

Detailed Design Outcomes – February CSSC Change Packs

Xoserve Ref No.	Change title	Voting Outcome
4922	CSSC Shipper BRD	Approved
	Des CSS Consequential Change BRD	Approved - Following Reps the BRD was updated and will be sent out in March Change Pack for information purposes only.
	UK File Formats CSSC	Approved

Change Documents

- **EQR - Approved**
 - XRN5110 UKLink November 2020 Major Release
- **CCR - Approved**
 - XRN4665 End User Categories (EUC) Update
 - XRN4828 November 2019 Release Update
 - XRN4851 Moving Market Participant Ownership from SPAA to UNC/DSC
 - XRN4853 Interim process to monitor & manually load rejected reads into UK Link where the read was rejected for reason code MRE00458 only (UIG Recommendation 3.1 option 5)
 - XRN4653 iConversion Phase 1
 - XRN5013 Performance Assurance Framework Administrator Access to Data Discovery Platform
- **Updated BER - Approved**
 - XRN4653 iConversion Phase 1



8. DSG Defect Summary

Defect Summary Stats

Stats as per RTC extract taken on Thursday 12th March 2020 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	1	0	0	1	1
R5.08	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	6	0	0	6	6
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	2	36	0	0	38	38
TOTAL OPEN	0	0	0	0	0	0	0	0	2	44	0	0	46	46
Resolved	0	7	34	81	16	138	9	226	584	427	19	13	1278	1416
Fix Deployed - Pending Data Correction	0	0	0	0	0	0	0	0	1	8	0	0	9	9
TOTAL CLOSED	0	7	34	81	16	138	9	226	585	435	19	13	1287	1425
GRAND TOTAL	0	7	34	81	16	138	9	226	587	479	19	13	1333	1471

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.

R5.06b

The below fixes were all deployed to production on the 14th of February 2020 (Inclusive of Amendment Invoice Impacting Defects)

Defect ID (RTC)	Status	Description	Release	Deployed/closed on:	Amendment Invoice Impacting
60830	Resolved	SAP - Charge values in the S10 records for SSMP is incorrect, Contract not created for reconfirmation where Supplier update requested	R5.06	14/02/2020	No
61154	Fix Deployed - Pending Data Correction	UKLink Query - DUK_ARSR Missing Read Dates	R5.06	14/02/2020	No

Release 5.07a is scheduled for the 21st of February, and Release 5.07b is scheduled for the 29th of February 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.

R5.07a & R5.07b

The below fixes were all deployed to production on the 21th and 29th of February 2020 (Inclusive of Amendment Invoice Impacting Defects)

Defect ID (RTC)	Status	Description	Release	Deployed/closed on:	Amendment Invoice Impacting
60969	Fix Deployed - Pending Data Correction	Incorrect variance Energy created after NDM prime reconciliation and net off volume and energy getting populated with 0	R5.07	29/02/2020	Yes
60978	Fix Deployed - Pending Data Correction	Incorrect volume calculated by NDM estimation process when RGMA is received between D+6 to D+10, if the new read is going round the clock	R5.07	29/02/2020	Yes

Release 5.08a is scheduled for the 6th of March 2020 (*Next Slide*), and Release 5.08b is scheduled for the 13th of March 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.

R5.08a

The below fixes were all deployed to production on the 6th of March 2020 (Inclusive of Amendment Invoice Impacting Defects)

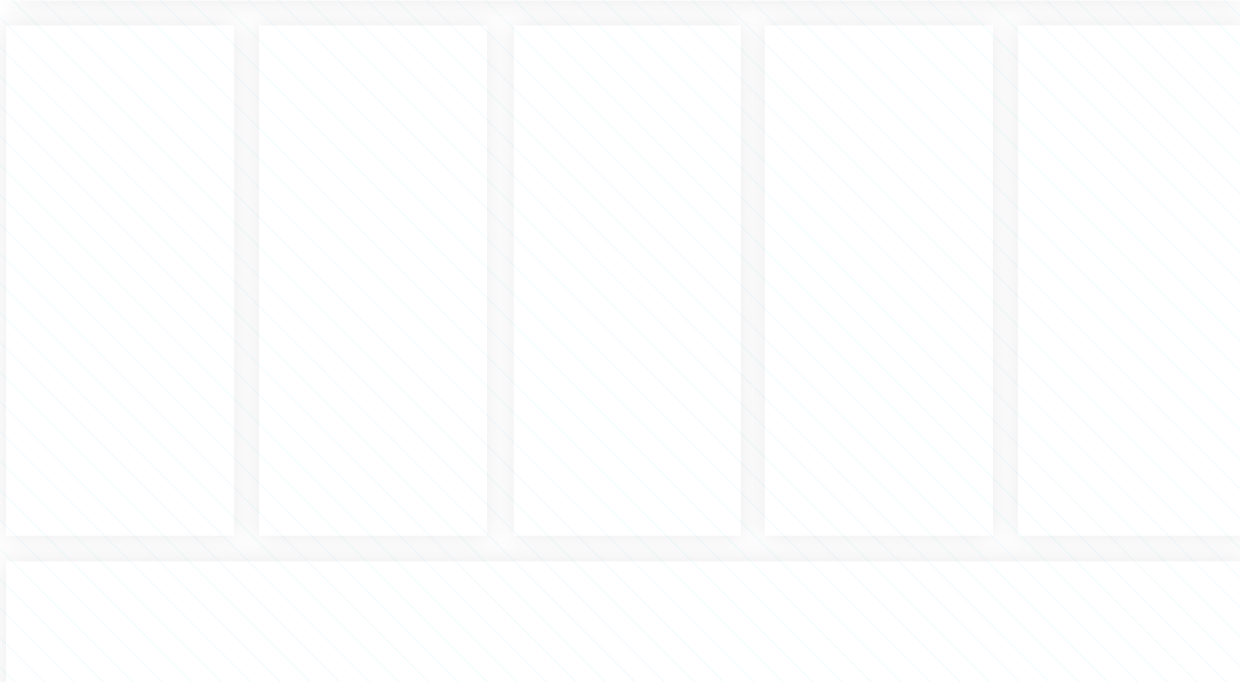
Defect ID (RTC)	Status	Description	Release	Deployed/closed on:	Amendment Invoice Impacting
60956	Fix Deployed - Pending Data Correction	Cyclic read recieved in the Class 3 period before RGMA activity date(D-1)	R5.08	06/03/2020	No
61001	Fix Deployed - Pending Data Correction	For SSMP special metering flag needs to be carried forward to sub installations if primary installation is marked with a special metering flag	R5.08	06/03/2020	No
61004	Resolved	Class change requests received over the weekend get with the error code CLS00001	R5.08	06/03/2020	No
61011	Resolved	AQ Bill and SOQ bill values are not getting updated correctly for the timescale created from 01.04.2020	R5.08	06/03/2020	No

Release 5.08b is scheduled for the 13th of March 2020, and Release 5.09a is scheduled for the 20th of March 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

There were no Defects deployed as Urgent Fix's (D1/D2) since the last slides were released.



Amendment Invoice Impacting Defects - Open

Defect ID	Status	Primary Business Process	Description
60826	Requires CR	READS	DM REC financial mismatches in Amendment supporting file
60950	Awaiting CAB	READS	Linked with Defects 1444 & 1502 : Issue with class 3 read upload process - opening read is inserted between two reads through UBR process and next read has a TTZ of 1, volume is calculated incorrectly through UBR process
61005	UAT Execution	READS	MR15 exception not created when the variance volume was negative but total volumes was positive and vice versa
61019	Assigned	RGMA	(Object lock with Defects 1444, 1458, 1502) Incorrect Volume in SAP due to multiple check read processing on same day in incorrect sequence
61021	UAT Execution	INV	ASP Merged File & Prime Meters
61025	UAT Execution	READS	Incorrect volume sent to CMS from retrieve adjustment details service for class 4 sites
61159	Assigned	READS	(Object lock with D#1502) Class change from 4 to 1 not updating total check to check volume and energy against MRD
61452	DRS Needed	READS	Rec is not happening for Prime and sub site when there is RGMA or class change or shipper transfer estimated read
61453	Fix Developed	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




9. Portfolio Delivery

9. Portfolio Delivery

- 9a. Portfolio Delivery Overview POAP
- 9b. Data Delivery Overview

9a. Portfolio Delivery Overview POAP

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





9b. Data Delivery Overview

Customer Impacting Data Changes: XRN



Capture

**Estimated Delivery

Delivery

**Estimated delivery dates will be confirmed on completion of Capture and align to the chosen solution.

Change Proposals	Dec 19	Jan 20	Feb 20	Mar 20	Comments
4738: Shipper portfolio update of proposed Formula Year AQ/SOQ					On target for delivery
4860: National 'Temporary' UIG Monitoring					Data Strategy start date 16 th March if Capture complete.
4713: Actual read following estimated transfer read calculating AQ of 1					Further DSG discussion required
5004 – Golden Bullet Report					Part B no longer required. Pricing Managers to approve solution w/c 10 th Feb
4874 – Must Read Invoicing Validation					Due for delivery end March
4929: BG Request for IGT Elected Sites					Report ready for February run