DSC Delivery Sub-Group

26th October 2020

DSG Agenda

26th October 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 – **None for meeting**			
2b.	Change Proposal Initial View Representations - **None for meeting**			
2b.i.	XRN5200 Shipper Pack Transition to Data Discovery Platform	Slides	Rachel Taggart	For information and discussion
2c.	Undergoing Solution Options Impact Assessment Review - **None for meeting**			
2d.	Solution Options Impact Assessment Review Completed - **None for 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	Ed Healy	Standing agenda item – for information (if there is an update)
4c.	XRN4914 - MOD 0651- Retrospective Data Update Provision	Slides	Tom Lineham / Paul Orsler	Standing agenda item – for information (if there is an update)
4d.	Minor Release Drop 8	Slides	Bali Bahia	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.	AOB	Slides	Chair	For Information and discussion
7a.	XRN4645a - Rejection of incrementing reads following Isolation (RGMA Flows)	Verbal	James Barlow	For Information and discussion
	Annex – For Information			
8.	ChMC Update	Slides	Rachel Taggart	Standing agenda item – for information (if there is an update)
9.	Defect Summary	Slides	Mark Tullett	Standing agenda item – for information (if there is an update)
10.	Portfolio Delivery			
10a.	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

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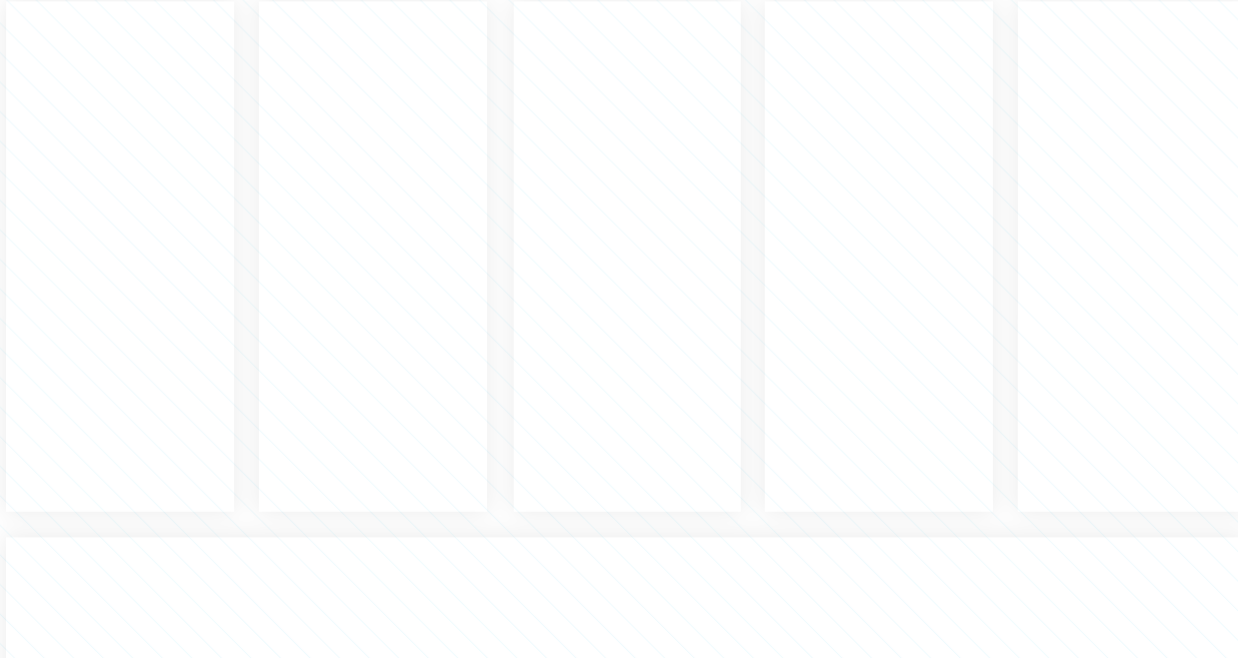
- **None for this meeting**

2b. Change Proposal Initial View Representations

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- 2b.i. – XRN5200 Shipper pack transition to data discovery platform

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Background

- 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

- XRN5200 has been raised to include the remaining Shipper Pack topics and PARR reports with a view to creating the associated dashboards per topic in DDP and decommissioning the traditional reports

- The Shipper Pack/PARR reports below are in DDP and the assumption is that no further work needs to be completed and the traditional reports can be decommissioned

Shipper Pack topic	Is it a PARR Report Topic	In DDP	Assumptions
Meter Point Status	X	✓	No further action as in DDP
Meter Status	X	✓	No further action as in DDP
Dead Report	X	✓	As a daily position not as a month amount – dead report is only a snap shot view so is a better more dynamic view of the data
Blank Mams	X	✓	No further action as in DDP
No Meter recorded in the supply point register	✓	✓	No further action as in DDP
No Meter recorded with Data Flow	✓	✓	No further action as in DDP
No Reads	✓	✓	No further action as in DDP
Standard Correction Factor	✓	✓	No further action as in DDP
Estimate Reads	✓	✓	No further action as in DDP
Check Reads	✓	✓	No further action as in DDP
Transfer Reads	✓	✓	No further action as in DDP
Read Performance	✓	✓	No further action as in DDP
Count of Supply Point GTs	X	✓	Non-standard sites not included and to add to the User stories
Count of Supply Point IGTs	X	✓	Non-standard sites not included and to add to the User stories

Current / DSG Action

The remaining Shipper Pack/PARR Reports have been transferred to user Stories.

DSG to:

- Validate the User stories

- Confirm if all the Shipper Pack information is still relevant

- Agree what should and should not be progressed and vote on the priority

- Minimum of 2 months notice to decommission traditional reports.

Shipper Pack topic	Is it a PARR Report Topic	In DDP
RGMA traffic flow	X	X
Incorrect Meter Read Factor and Units	✓	X
TOG (Theft of Gas)	X	X
Count of Supply Point GTs – Non-standard sites only	X	X (all other sites included)
Count of Supply Point IGTs – Non-standard sites only	X	X (all other sites included)
Meter read validity monitoring	✓	X
AQ Corrections	✓	X
Replaced Meter Reads	✓	X
Must Reads	X	X
Confirmed No Asset	X	X

Shipper Pack/PARR report User Stories

Microsoft Excel
)7-2003 Workshee

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

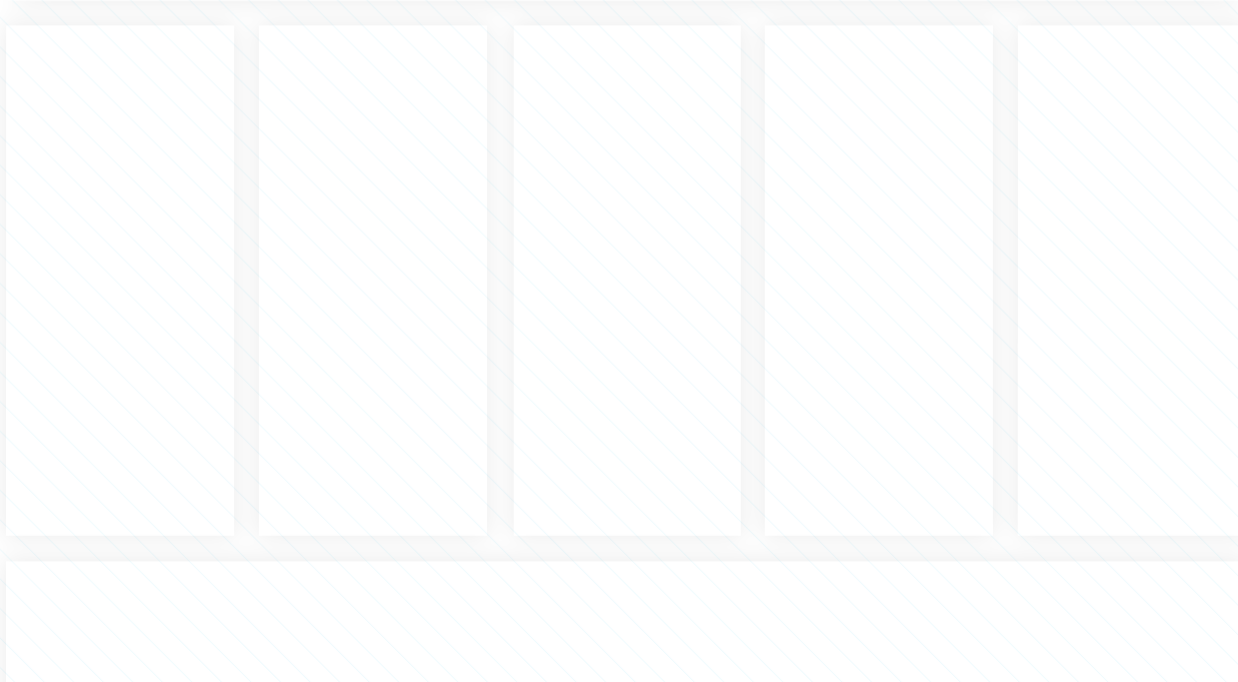# 2d. Solution Options Impact Assessment Review Completed

- **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

6. Major Release Update

- 4a. June 2020

- 4b. November 2020

- 4c. XRN4914 - MOD 0651- Retrospective Data Update Provision

- 4d. Minor Release Drop 8

- 4e. June 2021 Release

4a. XRN4996 - June 2020 Release update

XRN4996 - June 20 Release - Status Update

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

	Schedule	Risks and Issues	Cost	Resources
RAG Status	🟩	🟨	🟨	🟩

Status Justification	

Schedule	• **XRN4850 SMS/Email Notification:** Planned implementation activities for the delivery of the new service were successfully completed. SMS/Email notification requests can now be submitted via the UK Link Portal screen from 5th October.
	• **XRN4850 CNC file processing enhancement:** Planned implementation activities for the delivery of the additional capacity to receive and process CNC files in UK Link. Prior to submitting any bulk CNC files, please contact Max Pemberton
	• **Post Implementation Support:**
	   • Core UK Link – Post Implementation Support has been completed with al defects have been resolved and first usage completed.
	   • XRN4850 – has commenced following implementation of new SMS/Email service from 5th October to 27th November.
	• **Scope Variations:** XRN4850 requirements and design for scope variation for report automation in progress, these will be delivered during PIS/subsequent release.
	• **XRN4780(B) MAP ID** – Re-planning activities have been completed for mass migration of MAP ID into UK Link in preparation for CSSC testing phase. Migration of data is planned to commence from 16th November and conclude by 30th November. New portfolio data have been received from several participating MAPs and is currently being validated in preparation for migration activities to commence.

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
Cost	• Core UK Link Project Delivery costs are in line with approved BER • **XRN4850** Costs are being finalised in the CCR following approval of Twilio as service provider and scope variations
Resources	• Weekly monitoring of Xoserve SME resources supporting multiple demands (e.g. BAU defects, Future Releases etc.) is ongoing

XRN4850 – SMS/Email Broadcast Notification Timeline

- Planned implementation activities for the delivery of the new Twilio service were successfully completed. SMS/Email notification requests can now be submitted via the UK Link Portal screen from 5th October.
- Post Implementation Support has commenced with a planned end date of 27th November.

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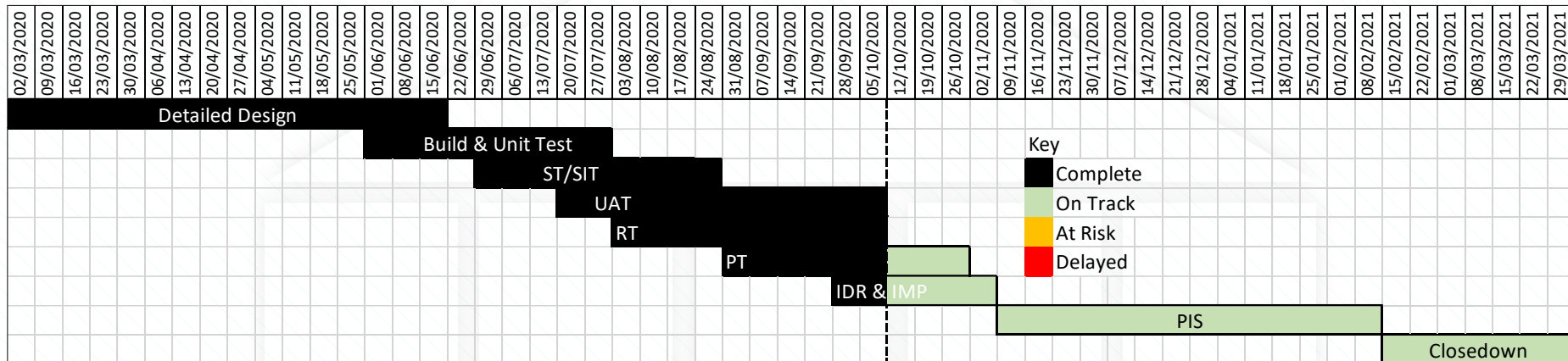*** Added to scope (revised scope from original)

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	**Testing** • User Acceptance Testing has completed, Exit report is in review expected approval • Regression Testing has completed, Exit report is in review expected approval • Performance Testing is in progress and going to plan **Implementation** • IDR completed successfully on the 12th October, currently make some amendments to the plan from lessons Learnt for implementation • Implementation preparation is ongoing **Change Assurance Health Check** • Health Check 2 has final 2 findings awaiting confirmation that they are complete • Health Check 3 is in progress – report expected W/C 19th October 2020 **Change Requests** • 3 changes XRN4897/99, XRN4871b and XRN4801 are currently in SIT and completing to plan to implement alongside November release
Risks and Issues	• Issue: XRN4931 has now been descoped from the release – assessments will be taken to ChMC in November on the delivery of this change • Risk: XRN4897/99 delivery verifying 100% GDPR compliance – PIS plans in place to assure – Risk probability being understood • Medium Risk: Performance Testing for DES is limited due to the tools not being in place to manage +300 users at a single point of time **Return to Green** – Complete analysis to understand XRN4897/99 Risk
Cost	• BER approved - 10th June 2020 • Full Business Case approved XEC – 23rd June 2020 • Forecast to complete within budget
Resources	• SME resources have been requested to support the delivery of the Change Requests • Tech Ops resource has been allocation to support Performance Testing

Updates as of the 14th October 2020

XRN5110 - Nov 20 Delivery Timeline & Progress

Key
- Complete (black)
- On Track (green)
- At Risk (yellow)
- Delayed (red)

Change	Description	Change Pack	FS	Test Scenarios	Build & UT	ST/SIT	UAT Test Scenarios	UAT	RT	PT
XRN4897	Resolution of Contact Details	Approved	Approved	Approved	100%	100%	Approved	100%	100%	
XRN4899	Treatment of Contact Details	Approved	Approved	Approved	100%	100%	Approved	100%	100%	
XRN4871b	Ratchet Regime Changes	Approved	Approved	Approved	100%	100%	Approved	100%	100%	
XRN4801	Additional Detail in DES	Approved	Approved	Approved	100%	100%	Approved	100%	100%	
XRN5014	Hydeploy Trial	Approved	Approved	Approved	100%	100%	Approved	100%	100%	

* Updated as of the 14th October 2020

XRN5110 - Nov 20 Release Summary

November 20 Release consists of 5 changes. Implementation is planned for November 20:

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
- **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

* Updated as of the 14th October 2020

4c. *XRN4914 MOD 0651- Retrospective Data Update Provision –*
Proof of Concept Progress update

XRN4914 MOD 0651- Retrospective Data Update Provision – Proof of Concept Progress update

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

Schedule	**. Delivery:** • All queries for Step 2 deep dive have been executed against the SAS analytic tool and results generated for participant shippers • Outputs from POC have been documented and reviewed internally • Findings and Recommendations to be presented to internal Xoserve Change Strategy Forum on 22nd October • Findings and Recommendations to be presented to Change Management Committee and DSG Forum in November **Customer Engagement and Communications:** • Further calls with participant shippers to be arranged to walkthrough outputs of POC • Intention is to present industry findings and recommendations in November
Risks and Issues	• There is a risk that resources in place to support Retro POC deep dive analysis are pulled from Retro to support priority or urgent MOD work **Mitigation:** Customer Team resource has primarily led deep dive activities throughout Step 2. Some delays have been experienced due to other priority activities.
Cost	• Approval received from DN's for BER of £270k for proof of concept. Costs within approved budget.
Resources	• Xoserve Customer Change team leading execution of POC Step 2 with input from SMEs where required

4d. Minor Release Drop 8 update

XRN5225 – MiR8 - Status Update

	Overall Project RAG Status			
	Schedule	**Risks and Issues**	**Cost**	Resources
RAG Status				
Status Justification				
Schedule	• There are 3 changes for XRN5225 to be implemented. The proposed implementation date is 21st November: ➢ **XRN5181** - Acceptance of Consumption Adjustments where meter is removed ➢ **XRN5174** - Agreed FINT Replacement Reads incorrectly triggering rolling AQ calculation ➢ **XRN5118** - Change how the actual MR data is populated in UK Link • Test Phase started w/c 5th October, progressing to plan			
Risks and Issues	• No major risks to highlight			
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			

Updates as of the 16th October 2020

XRN5225 – MiR8 Timelines

Key Proposed Dates:
- Impact Assessment Complete – 28th August 2020
- Design Complete / signed off – 11th September 2020
- Build Complete – 2nd October 20202
- Testing Complete – 14th November 2020
- Implementation Complete – 21st November 20202
- PIS Complete – 5ht December 2020
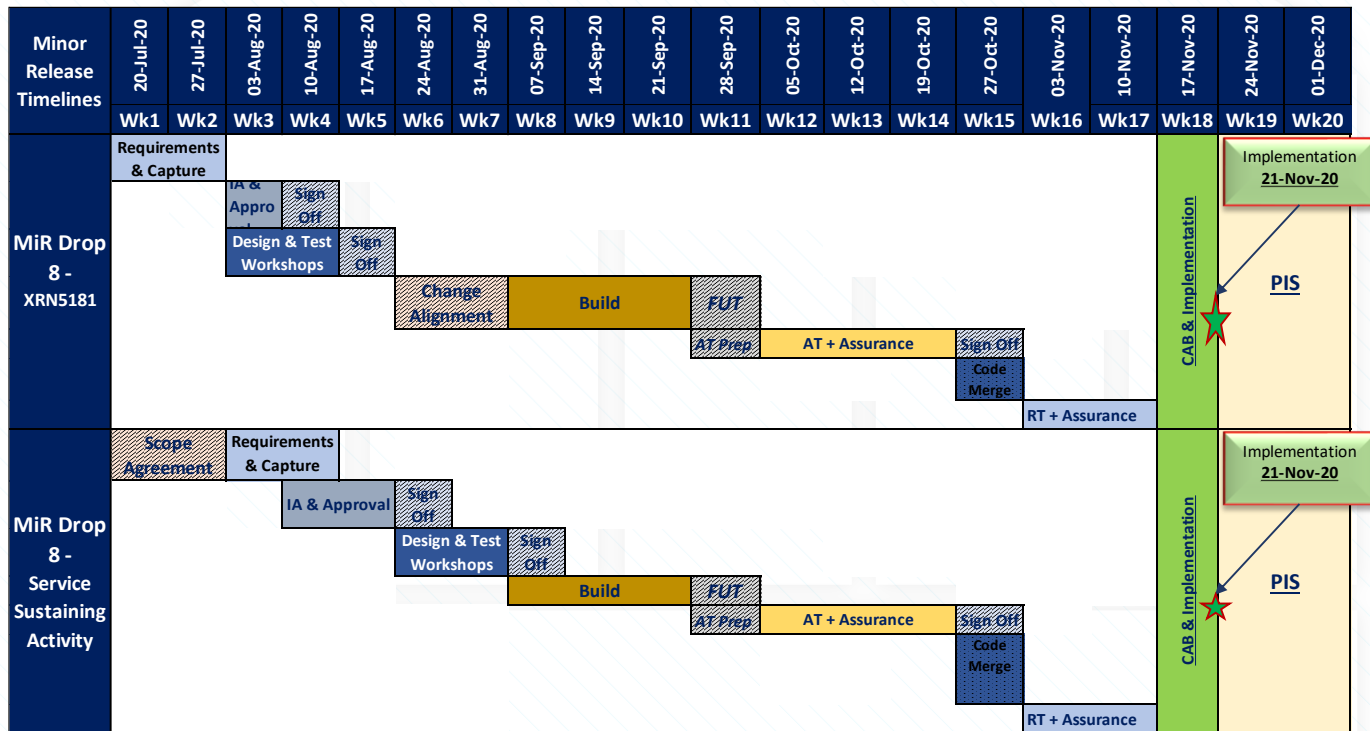
XRN5225 – MiR8 Summary

Minor Release Drop 8 consists of 3 changes:

- **XRN5181** - Acceptance of Consumption Adjustments where meter is removed
- **XRN5174** - Agreed FINT Replacement Reads incorrectly triggering rolling AQ calculation
- **XRN5118** - Change how the actual MR data is populated in UK Link
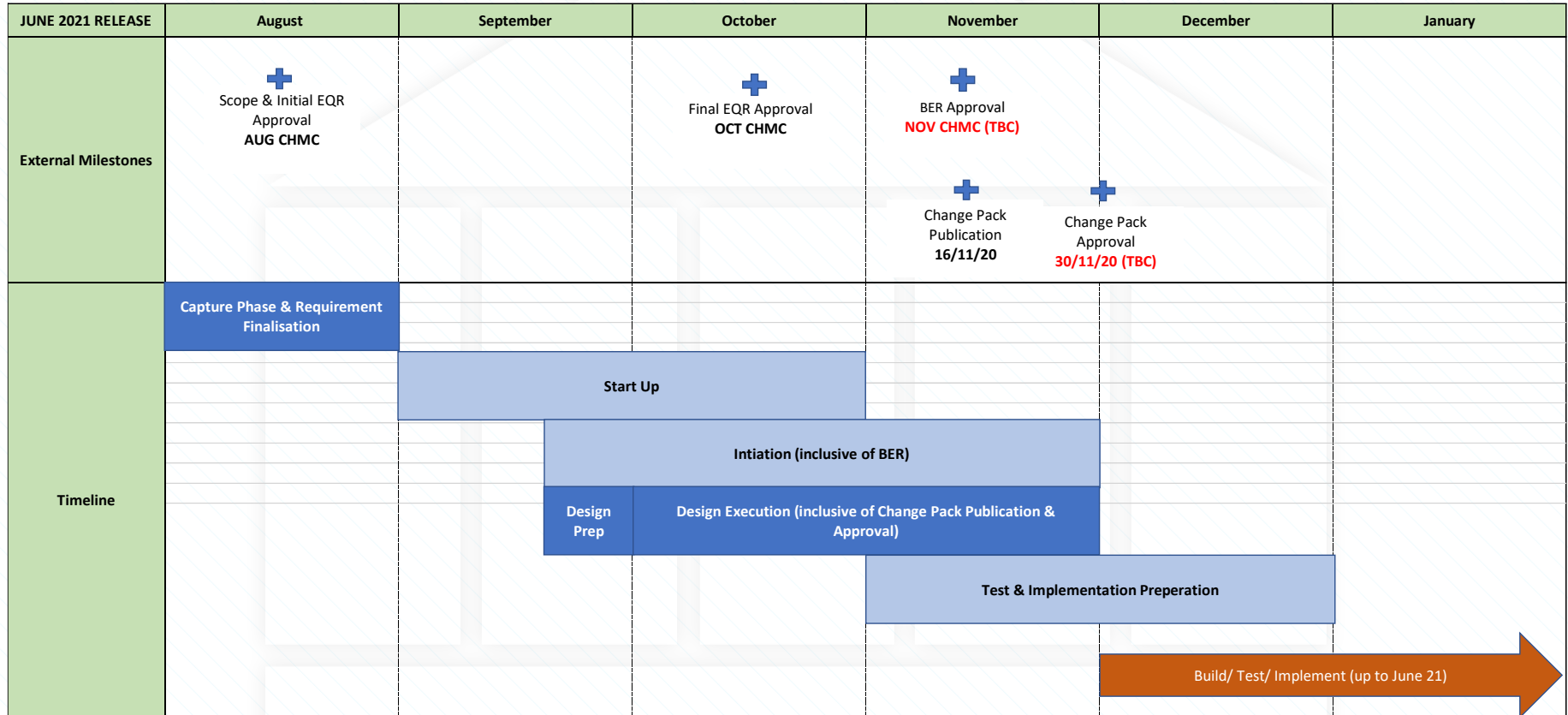
4e. June 2021 Release Update

XRN5253 - June 21 Release - Status Update

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

Schedule	• **Risk/ Issue & Resource RAG Status will return to green on completion of detailed design**
	• EQR Approved at Change Management Committee on 7th October
	• Scope of June 21, Release consists of 3 changes
	  • XRN4941 - MOD0692 - Auto updates to meter read frequency
	  • XRN4992 - MOD0687 – Creation of new charge to recover last resort supply payments
	  • XRN5093 - MOD0711 – Update of AUG Table to reflect new EUC bands
	• Project Start Up & Initiation phases in progress to fully mobilise project for delivery, including definition of an external communications plan
	• Detailed Design phase commenced on 28th September, running into early November
	• Change Packs to be published on 13th November
	• **Extraordinary ChMC arranged for 26th October to agree on whether to take XRN4941 and XRN4992 forward into delivery**			

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**: Detailed Plan up to end of Design to be completed as part of Start Up to ensure tight project control and critical path management. • **Risk:** There is a risk, Design timescales cannot be met because the SME resources required to support this change are not available when required **Mitigation**: Project team working with internal resource teams to baseline and agree workshop schedule for Design phase			
Cost	• Final EQR approved at CHMC on 7th October			
Resources	• Resource Forecasts and Plans for design have been defined			

XRN5253 - June 21 High Level Plan (Start Up to Design)

JUNE 2021 RELEASE	August	September	October	November	December	January
External Milestones	➕ Scope & Initial EQR Approval **AUG CHMC**		➕ Final EQR Approval **OCT CHMC**	➕ BER Approval **NOV CHMC (TBC)** ➕ Change Pack Publication **16/11/20**	➕ Change Pack Approval **30/11/20 (TBC)**	
Timeline	Capture Phase & Requirement Finalisation	Start Up		Intiation (inclusive of BER)		
			Design Prep	Design Execution (inclusive of Change Pack Publication & Approval)		
				Test & Implementation Preperation		
					Build/ Test/ Implement (up to June 21)	

XRN5253 - June 21 Release Summary

June 21 Release consists of 3 changes.

In Scope
- **XRN5093** - MOD0711 – Update of AUG Table to reflect new EUC bands
- **XRN4941** - MOD0692 - Auto updates to meter read frequency
- **XRN4992** - MOD0687 – Creation of new charge to recover last resort supply payments

Extraordinary ChMC arranged for 26th October to agree on whether to take XRN4941 and XRN4992 forward into delivery.

5. UK Link Releases Update

October 2020 DSG

UK LINK FUTURE RELEASES UPDATE

UK Link Future Releases Update

Agenda:

1. Future Releases update – For Information
   - Future Releases Governance Timeline 2020 – 2021
   - Allocated Changes - in delivery
   - November 2021 – potential scope
   - Agenda for the next ChMC meeting

2020/2021 UK Link Governance Timeline
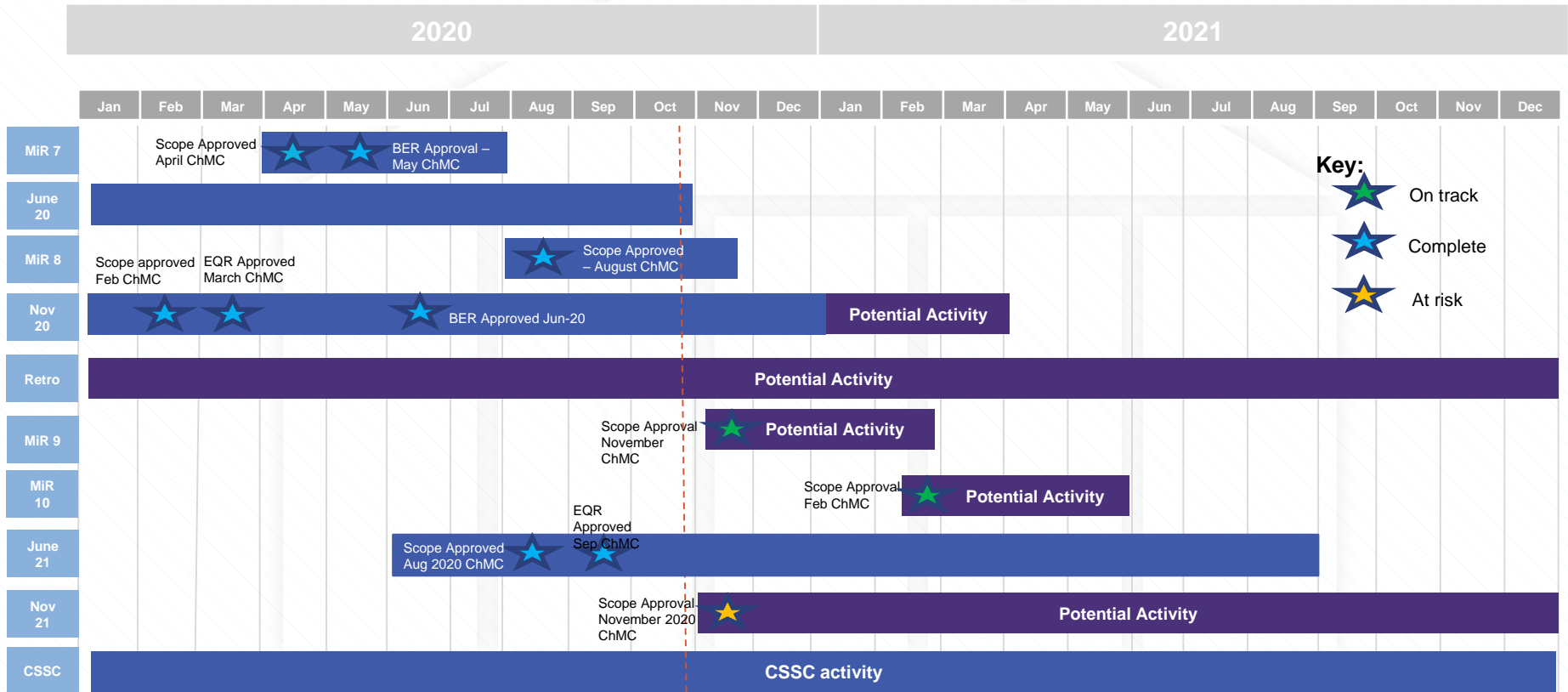
- **Please note that this slide includes potential activity within UK Link over the next 24 months**
- **Assumes 3x Minor Releases required prior to May 2021**

UK Link Allocated Changes – In Delivery

Confirmed Release	XRN	Change Title	Current Status	UK Link Release Date	Complexity	Finance
Jun-20	4865	Amendment to Treatment and Reporting of CYCL Reads	In Delivery	June 2020	Small	Shippers / DNO
	4772	Composite Weather Variable (CWV) Improvements	In Delivery	June 2020	X-Large	Shippers / DNO
	4930	Requirement to Inform Shipper of Meter Link Code Change	In Delivery	June 2020	Small	Shippers
	4932	Improvements to the quality of the Conversion Factor values held on the Supply Point Register (MOD0681S)	In Delivery	June 2020	Medium	Shippers / DNO
	4850	Notification of Customer Contact Details to Transporters	In Delivery	June 2020	X-Large	IGTs / DNO
	4888	Removing Duplicate Address Update Validation for IGT Supply Meter Points via Contact Management Service (CMS)	In Delivery	June 2020	Medium	IGTs
	4780b	MAP ID Part B	In Delivery	June 2020	Large	Shippers
CSSC	4780c	MAP ID Part C	In Capture	June 2021	Large	Shippers
	4627	Consequential Central Switching Services	In Delivery	Tbc 2022	N/A	Shippers
Retro	4914	Retro Proof of Concept	In Delivery	Standalone	N/A	DNO
Nov 2020	5014	Hydeploy Live Trial	In Delivery	Nov 2020	Large	Northern/DNO
	4897/ 4899	Contact details – resolution of deleted contact details and PSR data at change of shipper event	In Delivery	Nov 2020	Large	Shippers
	*4931	~~Submission of space in mandatory data on multiple SPA files~~	~~In Delivery~~	~~Nov 2020~~	~~Medium~~	~~Shippers~~
	4801	Additional info into DES	In Delivery	Nov 2020	Medium	Shippers
	4871b	Ratchet regime changes part B	In Delivery	Nov 2020	Large	DNO
MiR Drop 8	5181	Acceptance of consumption adjustments where meter point moved after meter set to dead	In Delivery	Nov 2020	Small	MiR Delivery
	5118 / 5174	Service sustaining activity – Change how actual MR data is populated in UK Link / Agreed FINT Replacement Reads Incorrectly Triggering Rolling AQ Calculation	In Delivery	Nov 2020	Small	MiR Delivery

*4931 was descoped from Nov 2020 at ChMC in October

UK Link Allocated Change - Continued

Confirmed Release	XRN	Change Title	Current Status	UK Link Release Date	Complexity	Finance
Jun-21	4941	MOD0692 - Auto updates to meter read frequency	Descoped from Nov 20. Dependent on appeal decision	June 2021	Large	Shippers
	4992	MOD0687 – Creation of new charge to recover last resort supply payments	Descoped from Nov 20. Dependent on Ofgem decision	June 2021	Large	Shippers
	5093	MOD0711 – Update of AUG Table to reflect new EUC bands	Solution Option approved	June 2021	X-Large	Shippers
	~~5142~~	~~New allowable values for DCC Service Flag in DXI File from DCC~~	~~HLSOs in review. Scope inclusion dependent on SEC/Ofgem decision~~	~~June 2021~~	~~Large~~	~~DNO~~
	N/A	Placeholder for Service Sustaining Activity	Tbd	June 2021	Tbd	Xoserve

- XRN5142 was descoped from this release at September ChMC.
- XRNs 4941, 4992 will be descoped from the release, at Extraordinary October 2020 ChMC, if not approved by Ofgem.

UK Link Nov 2021 Release - Candidates

Potential Release	XRN	Change Title	Comments	Status	Complexity	Points	Finance
Nov 21	5038	MOD0691 – Class 2,3 or 4 meter points to Class 1 when G1.6.15 criteria are met	Depending on solution option chosen this change could be delivered via a Minor Release	In Capture	Tbd	Tbd	Shipper
	5142	New allowable values for DCC Service Flag in DXI File from DCC	Related to a SEC change	HLSOs	Large	13	DN
	4990	MOD0664 – Transfer of sites with low read submission performance		In Capture	Tbd	Tbd	Shipper
	5186	MOD0701 - Aligning Capacity booking under the UNC and arrangements set out in relevant NEXAs		HLSOs	Tbd	Tbd	DN
	5187	MOD0696 - Addressing inequities between Capacity booking under the UNC and arrangements set out in relevant NExAs		HLSOs	Tbd	Tbd	DN
	5072	Application and derivation of TTZ indicator and calculation of volume and energy – all classes		HLSOs	Tbd	Tbd	Shipper
	5091	Deferral of creation of Class change reads at transfer of ownership		HLSOs	Tbd	Tbd	Shipper
	5197	QMP File validation in CMS – Current Address Field		HLSOs	Tbd	Tbd	IGT

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

November ChMC

UK Link Future Releases Updates:

- **Minor Release Drop 9**

  - Scope for approval
  - Potential implementation dates for discussion

- **November 21 Major Release**

  - Update on progress through Capture
  - Scope for approval

6. Issue Management

6. Issue Management

- 6a. AQ Taskforce Update

6a. AQ Taskforce Update

AQ Defects Financial Adjustments

Background

- Since Nexus go live in June 2017 there have been 93 (as at July 2020) defects impacting the AQ.

- Resolution of a defect will involve the system fix, data corrected and the AQs revised. However, revised AQs are only effective for a future date, retrospective changes cannot be made.

- For AQ defects where the formula year AQ (Class 3 & 4) or rolling AQ (Class 1 & 2) was incorrect for the period prior to the defect fix being implemented, transportation charges may have been incorrect for this period and so eligible for financial adjustments.
  - Energy and Commodity are reconciled on the Amendment invoice, only Transportation Capacity adjustments required

- Xoserve undertook a piece of work to identify the defects that would require assessment to identify the impacted MPRNs that may be eligible for a financial adjustment.

- For each defect we sought to analyse the following;
  - The date of the AQ calculation and if a correction of the AQ and Formula Year AQ (FYAQ) was carried out;
  - The effective period for which the correction was carried out;
  - The date that the revised AQ and the FYAQ were effective from

- Note: The assessment to identify if a financial adjustment is required will continue for all defects in the future.

Documents and Tools Developed and Implemented

- Two documents were developed and shared with customers to explain the process for identifying those MPRNs eligible for adjustment and a principles document for all adjustments to be processed (these are attached in Appendix 1);
  - Adjustment Methodology that describes the process we have followed to arrive at the 121,000 MPRNS that could be eligible for capacity adjustments
  - Adjustment Principles document that will be used to determine whether an adjustment is required once the final list of MPRNs is identified.

- Three tools were developed and implemented to identify the MPRNs eligible for adjustment and to calculate the financial adjustments:
  1. **AQ Decision Tree tool** – Using our adjustment methodology (above) as its input criteria, this tool will identify the impacted MPRNs and the affected consumption period
  2. **AQ Simulation tool** – Using the MPRN's from the Decision Tree tool, the AQ simulation tool will identify all relevant data needed to support the financial adjustment (E.g. current & new AQ, SOQ, EUC band & number, Network & LDZ, start & end read & dates used for the new calculation, TTZ & exchange counts, current meter class & effective date etc.)
  3. **Billing tool** – This tool will calculate the financial adjustments. This will significantly reduce the manual efforts that would otherwise be required for these adjustments and will align with the Adjustment Principles (as mentioned above)

Appendix 5: High Level Process for Identifying those MPRNs Requiring a Financial Adjustment

93 Defects analysed

- All defects impacting AQ from June 2017 were analysed as at July 2020; total of 93 defects, impacting 778k MPRNs. The outcome of the analysis resulted in 58 defects that did not require a financial adjustment, 15 resolved defects (16%) that may be eligible for a financial adjustment. A further 20 defects (22%) from the 93 will undergo the assessment once they have been resolved & AQs re-calculated. Initial analysis has suggested the volume of MPRNs is low.
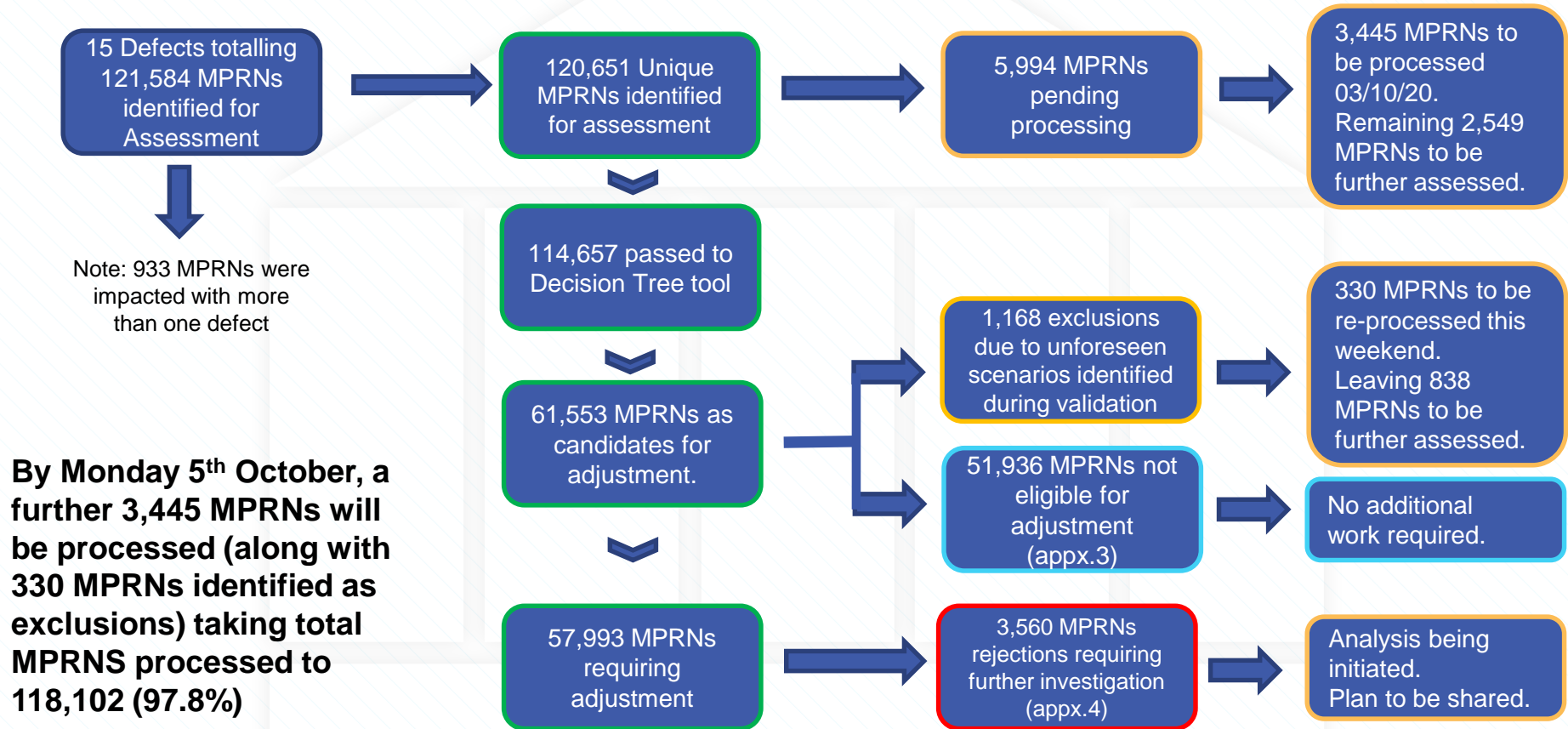- See Appendix 2 for list of all defects analysed and outcome.

15 Defects Eligible

- Following assessment 15 defects were identified as potentially requiring a financial adjustment. These 15 defects impacted 121,584 MPRN,

121,584 MPRNs

- These MPRNs processed through the tools developed to re-calculate values for the period of the defect

High Level Process for MPRNs Requiring a Financial Adjustment

15 Defects totalling 121,584 MPRNs identified for Assessment

Note: 933 MPRNs were impacted with more than one defect

By Monday 5th October, a further 3,445 MPRNs will be processed (along with 330 MPRNs identified as exclusions) taking total MPRNS processed to 118,102 (97.8%)

120,651 Unique MPRNs identified for assessment

114,657 passed to Decision Tree tool

61,553 MPRNs as candidates for adjustment.

57,993 MPRNs requiring adjustment

5,994 MPRNs pending processing

3,445 MPRNs to be processed 03/10/20. Remaining 2,549 MPRNs to be further assessed.

1,168 exclusions due to unforeseen scenarios identified during validation

330 MPRNs to be re-processed this weekend. Leaving 838 MPRNs to be further assessed.

51,936 MPRNs not eligible for adjustment (appx.3)

No additional work required.

3,560 MPRNs rejections requiring further investigation (appx.4)

Analysis being initiated. Plan to be shared.

Financial Adjustments

- The total financial adjustments for all MPRNs processed are:

CHARGE TYPE	CHARGE DESCRIPTION	ADJUSTMENT AMOUNT (£)
ACE	EXIT CAPACITY LDZ ECN CHARGE ADJ	403.96
ACZ	CSEPS - LDZ CAPACITY CHARGE ADJ	3,018.22
AMC	CUSTOMER CAPACITY CHARGE ADJ	36,153.79
AME	EXIT CAPACITY LDZ ECN CHARGE ADJ	95,237.83
AMF	CUSTOMER FIXED CHARGE ADJ	71,419.96
AMZ	SUPPLY POINT CAPACITY CHARGE ADJ	951,919.04
	TOTAL	**1,158,152.80**

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

Transportation Financial Values - Context

- Average Capacity charges per month across all DNs is £321,000,000.

- The financial adjustments for this exercise, in line with the adjustment principles, are spanning an 18 month period

- The total financial value of £1.1 million = 0.02% of the charges over an 18 month period

Next Steps

Date	Activity
From 30/09/20	Communications issued to customers and contacted individually to discuss the financial adjustment values.
w/c 05/10/20	Data will be shared with customers including the line item data used to calculate the adjustments calculated to date
w/c 05/10/20	Communications to DNs and Shippers providing details of the remaining financial adjustments (residual)
w/c 12/10/20	Start invoicing process of the financial adjustments
14/10/20	Present update to CoMC
November onwards	As part of BAU, Continue to investigate and analyse all live and resolved defects and assess adjustment requirement.

Appendix 1:

- Adjustment Methodology (presented at August Contract Management Committee): [Adjustment Methodology v1.0](#)

- Adjustment Principles (presented at August Contract Management Committee): [Adjustment Principles v1.0](#)

Appendix 2: Historical Defects Analysed and Outcome

Scenario	No. of Defects
Open AQ impacting defects as at August 2020. MPRNs affected by these defects will be processed via the adjustment tools once the defect has been resolved (where required data corrected and AQs revised).	20
Resolved AQ impacting defects where AQ values (and therefore FYAQ values) were corrected prior to 1st April 2019. Therefore no financial adjustments required.	17
AQ impacting defects where a data correction was not required therefore AQ & FYAQ values were correct during the period of the defect. No financial adjustments required.	41
Resolved AQ impacting defects where a financial adjustment may be applicable.	15
Total	93

Appendix 3: Decision Tree - Rejection Stats

Reason	MPRN Count*	%
Incorrect consumption period not impacting AQ or FYAQ values	51,388	98.85
FYAQ for 1ST April 2019 was not derived using monthly AQ	596	1.15
Mismatch in FYAQ and AQ as at 1st April 2019	1	0.01

* 51,936 Unique MPRNs rejected in total –One MPRN can be impacted by more than one rejection if they have multiple adjustments.

Appendix 4: AQ Simulation/Billing Tool – Rejection Stats

Reason	MPRN Count*	%
Negative Consumption during consumption period. AQ not calculated	363	9.39
Revised AQ value failed validation (market breaker tolerance checks)	6	0.16
Meter read for the AQ period end date not available. AQ not calculated	3088	79.90
Unable to invoice where there is no shipper registered at MPRN	394	10.19
Insufficient Consumption to calculate AQ	14	0.36

* 3,560 Unique MPRNs in total - One MPRN can be impacted by more than one rejection if they have multiple adjustments.

Xoserve are working through these rejections to analyse root cause and derive next steps. A plan will be shared once understood.

AQ Defects

Summary

- Following continued analysis and assessment of the enhanced operational reporting, as well as the focused root cause output we have seen an increase in the number of defects over the last few months.

- The number of open defects now stands at 29 (see AQ Defect Status slide, and Open Defects slide) and following conclusion of yearly AQ activities (where certain system activities needed to be suspended) we expect to see a significant volume being cleared in the next two months.

- Positively the operational rigor that is now being enforced to the process is driving these defects out allowing for permanent fix to be applied.

AQ Defect Status (breakdown as at 3rd October 2020)

79

Defects impacting AQ since August 2019

(+2 raised since last month)

29

Open Defects

(+1 from previous month, 10 raised as a result of additional assurance reports)

50

Resolved defects

(+1 on previous month)

8

Analysis

(-5 from previous month)

7

UAT

(+4 from previous month)

0

Awaiting Deployment

(same as previous month)

5

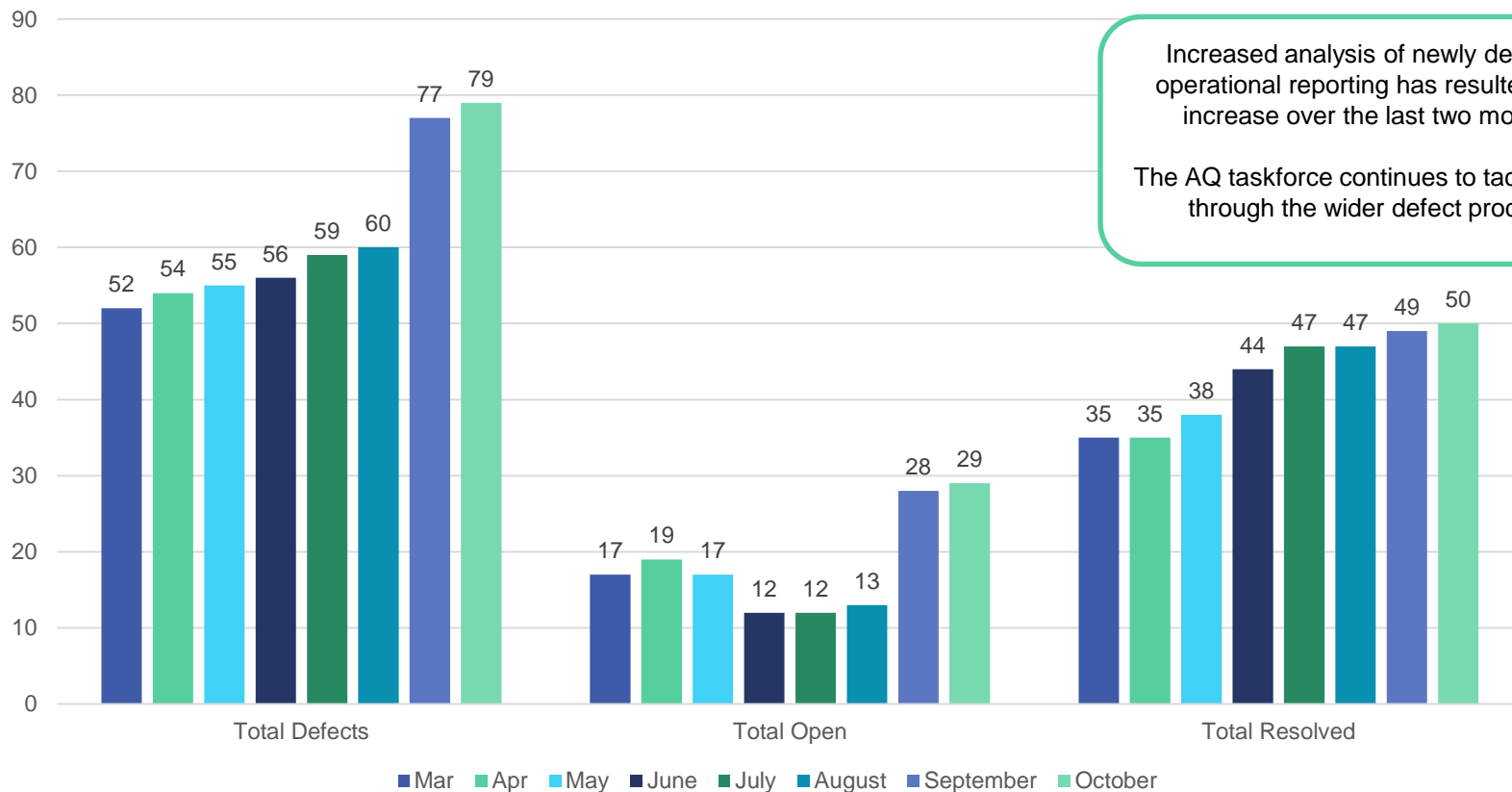Fixed, Deployed Awaiting Data Correction

(+1 on previous month)

9

Awaiting to be processed via adjustment tools

Open defect details can be found in the Appendix

AQ Defect Status (Feb 20 - Sept 20)

Defect No.	Issue Description	Lifecycle Status
62513	When the Cyclic read is received in the Class 3 period before RGMA activity date (D-1), the incorrect energy values are being recorded	Analysis
63139	Rec flag for the FINX read was updated as N in the Class 3 Reads File (UBR) Table during the cosmetic exchange without read through ONUPD file	Analysis
63346	Volume and Energy is being calculated incorrectly between the Estimated Read (LDEX) and the subsequent Cyclic (CYCL) Read for a Class 3 Meter Point (UBR File)	Analysis
63392	Estimated Reads are getting derived incorrectly for the Shipper Transfer; hence shipper transfers incorrectly estimated	Analysis
63485	Class 2 Reads (UDR) File process is unable to perform corrective estimation for Class 2 sites post class change from class 2 to any other class, when the actual read is in the Class 2 period	Analysis
63494	WAALP Values are getting derived based on timezone as UK instead of GMTUK , for which there is a mismatch in Read derivation (NDM Estimation)	Analysis
62566	Inconsistent RGMA behavior of class 2 sites with or without DRE/AMR	Analysis
62691	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)	Analysis

Defect No.	Issue Description	Lifecycle Status
62784	Where a read is inserted between OPNN and OPNT after reconciliation has been undertaken, the OPNT read is not being considered during the re-rec	UAT
63393	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	UAT
63394	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	UAT
62944	The RGMA reads that are accepted between site visit reads is breaking Check to Check rec.	UAT
63480	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.	UAT
63486	Site visit Reads submitted via Portal are getting accepted, when an SFN Read already exists for a later date, hence breaking the Check to Check Rec period. Therefore should be rejected for Class 1 & 2 Sites	UAT
63487	Missing volume and energy for a class 4 meter and converter site	UAT

Defect No.	Issue Description	Lifecycle Status
62164	Nett-off volume volume/ energy is being incorrectly calculated as zero for class 4 prime sites	Fix deployed, awaiting Data Correction
62178	Where volume and energy is being incorrectly loaded, the system is not creating an exception	Fix deployed, awaiting Data Correction
63066	For Class 3 meter reads submitted via the UBR file, the system is not recording the last read following update of a meter report and converter installation scenario	Fix deployed, awaiting Data Correction
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)	Fix deployed, awaiting Data Correction
61452	Rec is not happening for Prime and sub site...	Fix deployed, awaiting Data Correction

Defect No.	Issue Description	Lifecycle Status
60969 (1477)	There is an Issue with NDM Prime reconciliation where Rec variance is not correct and positive variance energy updated though the variance volume is negative and net off volume and energy is populated with 0.	To be process via Adjustment Tools
60994 (1502)	For Class 3 & 4, following acceptance of a Site Visit read (via SFN) the energy is incorrectly populated when there is a meter and corrector installed	To be process via Adjustment Tools
61019 (1520)	When receiving a Site Visit read and an RGMA read on the same day the system has incorrectly processed the reads in the wrong order causing energy and volume to be incorrectly calculated.	To be process via Adjustment Tools
61024 (1525)	AQ process is incorrectly using a Point of Sale (POS) read as an active shipper transfer read to calculate the AQ following the receipt of a subsenquent read.	To be process via Adjustment Tools
61450	Reads with type CM, RD and XO on same date as FINC/FINX reads, to be inactivated	To be process via Adjustment Tools
61716	Incorrect Volume-Energy updated against opening reads (OPNT/OPNX/OPNC)	To be process via Adjustment Tools
62134	Where a read is replaced on a class 4 site, the system has created 0 volume between OPNT and FINC reads	To be process via Adjustment Tools
62687	The read inserted or replaced for class 3, after a class change from 3 to another, is considering class 3 FICC date as the next read date	To be process via Adjustment Tools
60230 (720)	Volume and energy calculated incorrectly for Prime and Sub MPRNs.	To be process via Adjustment Tools

7. AOB

7a. XRN4645a - Rejection of incrementing reads following Isolation (RGMA Flows)

Verbal update to be given by James Barlow

Annex – For Information

8. DSC Change Management Committee Update

7th October 2020 Meeting

New Change Proposals

Xoserve Ref No.	Change title	Next steps	Service area
XRN4876	Changes to PARR reporting – provide further data to PAFA to aid analysis of performance reporting	Information Only	n/a
XRN5235	Include SOQ in the "UIG Additional National Data" report (Originally introduced by XRN4806)	Approved to Capture	TBC
XRN5236	Reporting Valid Confirmed Theft of Gas into Central Systems (Modification 0734)	Approved to Capture	TBC – potential for a new service line
XRN5237	Maintenance of a User relationship table for the purpose of AQ amendments (Modification 0736/0736A)	Approved to Capture	TBC – potential for a new service line
XRN5238	New Distribution Network Report – Forecast Invoice Value	Approved to Capture	TBC
XRN5244	Shared IGT Deeds of Undertaking and CDSP Administration	Approved to Capture	TBC
XRN5246	Confirmation File (.CNF) Processing Capacity Improvement	Approved to Capture	TBC
XRN5210	Daily CV Determination Service DN Invoicing Options	Approved to Capture	TBC

Detailed Design Outcomes – September Change Packs

Xoserve Ref No.	Change title	Voting Outcome
XRN4801	Additional information to be made viewable on DES	For Information

Change Documents

BER Approved:

- XRN5122 - Gemini System Enhancements – Delivery

- XR5168N - MOD0721 (Urgent) - Shipper submitted AQ Corrections during COVID-19

- XRN5172 - Urgent Mod - Ability to Reflect the Correct Customer Network Use and System Offtake Quantity (SOQ) During COVID-19

EQR Approved:

- June 2021 Major Release

9. DSG Defect Summary

Defect Summary Stats

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
r6.09	0	0	0	0	0	0	0	0	0	1	0	0	1	1
On Hold	0	0	0	0	0	0	0	0	2	10	0	0	12	12
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	5	45	0	0	50	50
TOTAL OPEN	0	0	0	0	0	0	0	0	7	57	0	0	64	64
Resolved	0	7	34	81	16	138	9	226	589	518	20	13	1375	1513
Fix Deployed - Pending Data Correction	0	0	0	0	0	0	0	0	0	7	0	0	7	7
TOTAL CLOSED	0	7	34	81	16	138	9	226	589	525	20	13	1382	1520
GRAND TOTAL	0	7	34	81	16	138	9	226	596	582	20	13	1446	1584

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.

R6.07a & R6.07b

The below fixes were deployed to production on the 18th and the 25th of September 2020 (Inclusive of Amendment Invoice Impacting Defects)

Defect ID (RTC)	Status	Description	Release	Deployed/closed on:	Amendment Invoice Impacting
60998	Resolved	An issue with the allocation Energy Difference for Twin Stream Sites for Class 2	R6.07	18/09/2020	No
61786	Resolved	Low priority - AQ correction process effective from the first of April is creating incorrect time slices for FYAQ	R6.07	25/09/2020	No
62164	Fix Deployed - Pending Data Correction	High priority - Incorrect AQ for prime sites where net off calculated 0 through the UMR prime process	R6.07	25/09/2020	No
62634	Resolved	Medium priority - Inconsistent C2C behaviour of RGMA activity with partial reads through UPD file(Identified during defect 61714 testing)	R6.07	25/09/2020	Yes

Release R6.08a is scheduled for the 2nd of October, and Release R6.08b is scheduled for the 9th of October 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.

R6.07a & R6.07b Cont'd

The below fixes were deployed to production on the 18th and the 25th of September 2020 (Inclusive of Amendment Invoice Impacting Defects)

Defect ID (RTC)	Status	Description	Release	Deployed/closed on:	Amendment Invoice Impacting
62858	Resolved	(On Hold) High priority - Transfer Ownership File (TRF) issue with the Site Takeover Notification (STN) Process; as the TRF file generated is having incorrect Q44 details	R6.07	25/09/2020	No
62859	Resolved	High priority - Site Takeover Notification (STN) File issue in the STN Process, where the STN File U79 details are incorrectly populated for U76 CSEP	R6.07	18/09/2020	No
62860	Resolved	High priority - Confirmation of Shipper Registration (SSR) File issue with the Site Takeover Notification (STN) Process, where the SSR File is getting triggered, but going to the incorrect IGT.	R6.07	25/09/2020	No
63066	Resolved	Medium priority - For the Class 3 meter report and converter installation scenario, the system is not recording the last read date in the UBR table	R6.07	25/09/2020	No

Release R6.08a is scheduled for the 2nd of October, and Release R6.08b is scheduled for the 9th of October 2020 *(Next Slide)*

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

R6.08a & R6.08b

The below fixes were all deployed to production on the 2nd and the 9th of October 2020 (Inclusive of Amendment Invoice Impacting Defects)

Defect ID (RTC)	Status	Description	Release	Deployed/closed on:	Amendment Invoice Impacting
61864	Resolved	(XB) Low priority - There are missing entries in the /BI0/PBPARTNER table	R6.08	02/10/2020	No
61967	Resolved	(XB) High priority - Transfer read loaded with incorrect last read date	R6.08	09/10/2020	No
62178	Fix Deployed - Pending Data Correction	(XB) Low priority - Exception needs to be created in cases where profiles upload results in errors	R6.08	02/10/2020	Yes
62432	Resolved	(XB) Low priority - ASP Simulation Job Failure for the Bill Month 03.2020	R6.08	02/10/2020	Yes

Release R6.09a is scheduled for the 16th of October, and R6.09b is scheduled for the 23rd of October 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.

R6.08a & R6.08b Cont'd

The below fixes were all deployed to production on the 2nd and the 9th of October 2020 (Inclusive of Amendment Invoice Impacting Defects)
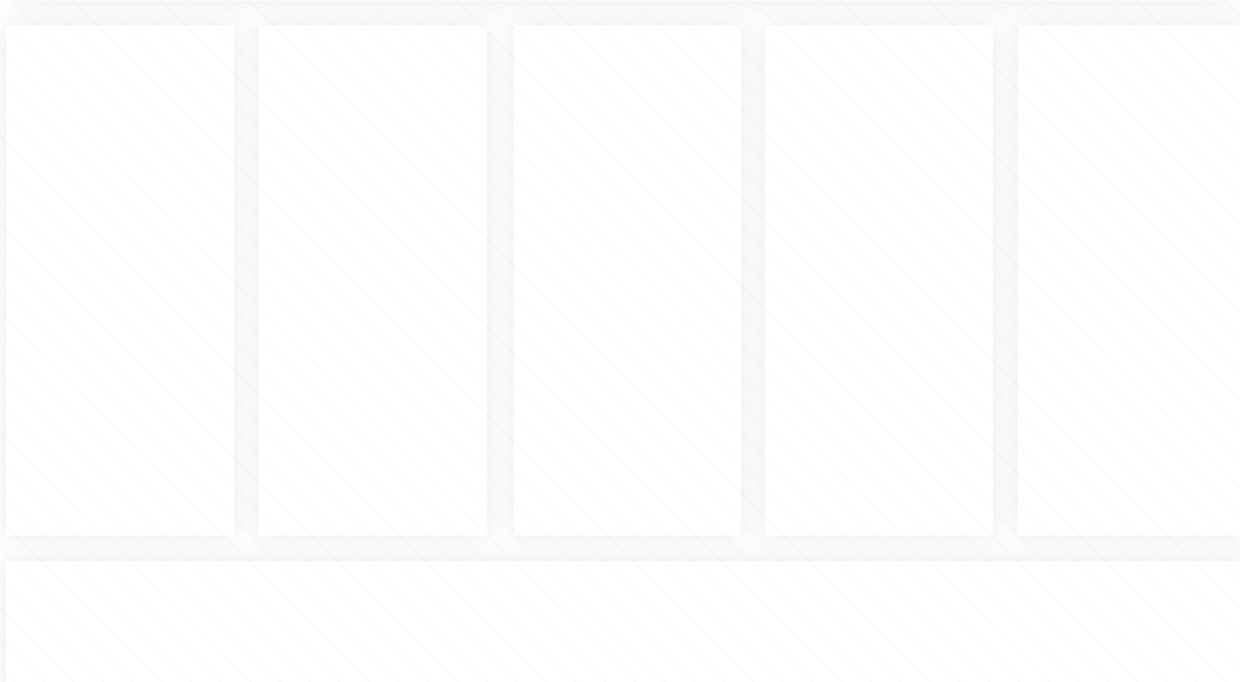
Defect ID (RTC)	Status	Description	Release	Deployed/closed on:	Amendment Invoice Impacting
63140	Fix Deployed - Pending Data Correction	(XB) High priority - The LDZ is not updated for CYCL read in Unbundled Meter Read File (UMR) Table for Back billing scenario where device installation is prior to LDZ effective date after transfer window	R6.08	02/10/2020	No
63200	Resolved	Low priority - Incorrect Delta identification Flag is populated in the MPRD table; hence missing updates with an MPRD installation number	R6.08	09/10/2020	No
63244	Resolved	(XB) High priority - Core Amendments Invoice Supporting File/Core Amendment supporting information (ASP/AML) File mismatches for Prime Sites; where the Latest Energy is incorrectly considered, hence resulting in Mismatches	R6.08	02/10/2020	No
63488	Resolved	(WB) Medium Priority - The DCC Service Flag Value is not populating in the Daily Delta (IDL) File to iGT's	R6.08	09/10/2020	No

Release R6.09a is scheduled for the 16th of October, and R6.09b is scheduled for the 23rd of October 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 Fixes (D1/D2) between the 18th of September and the 9th of October

Amendment Invoice Impacting Defects - Open

| Defect ID	Status	Primary Business Process	Description
61159	UAT Execution	READS	(WB) High priority - Class change from 4 to 1 not updating total check to check volume and energy against MRD
62060	UAT Assurance	READS	(WB) (Linked to defect 62513) High Priority - The cyclical read received with read on class change end date should be made inactive to avoid issues with rec
62513	UAT Assurance	READS	(WB) (linked to 62060) High priority - When the Cyclic read is received in the Class 3 period before RGMA activity date(D-1), the Profile values are being loaded.
62784	UAT Execution	READS	(XB) Medium Priority - (Issue on TC6 of defect 62185 will be fixed under defect 62784) Read is inserted between OPNN and OPNT after a REC is performed, OPNT read should not be ignored during the Re-REC (June 20 Potential BAU defect || 62337 ||)
63243	UAT Failed	INV	(XB) High priority - Incorrect Reconciliation For DM Sites; where the energy charges for billing document do not appear to have taken into account previous billing, so that the prevailing energy is based on the original commodity billing and not on the reconciliation values
63346	Assigned	READS	(WB) (On Hold object lock with defect 62784) High priority - Volume and Energy is being calculated incorrectly between the Estimated Read (LDEX) and the subsequent Cyclic (CYCL) Read for a Class 3 Meter Point (UBR File)
63392	Assigned	READS	(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
63393	UAT Execution	READS	(WB) High Priority - For an NDM Prime Site, the Sub site volume and energy is not getting calculated if there is an Meter Reading Unit (MRU) frequency change for the same class

Amendment Invoice Impacting Defects – Open Cont'd

Defect ID	Status	Primary Business Process	Description
63394	DRS Completed	READS	(WB) High Priority - 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
63480	DRS Completed	READS	(XB) (Linked to @63486) Low Priority - 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.
63485	DRS In Progress	READS	(XB) Medium Priority - Class 2 Reads (UDR) File process is unable to perform corrective estimation for Class 2 sites post class change from class 2 to any other class, when the actual read is in the Class 2 period
63486	Awaiting CAB	READS	(XB) (On Hold - Linked to @63480) High priority - Site visit Reads submitted via Portal are getting accepted, when an SFN Read already exists for a later date, hence breaking the Check to Check Rec period. Therefore should be rejected for Class 1 & 2 Sites
63566	DRS Needed	RGMA - READS	(WB) Medium priority - Inconsistent RGMA behaviour of class 2 sites with or without DRE/AMR
63690	Assigned	READS	(On Hold - objects locked under Defect #63485 and Defect#61093) 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
63691	Assigned	READS	(On Hold - object locked under Defect #62060) 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)
63726	Assigned	READS	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

10. Portfolio Delivery

10. Portfolio Delivery

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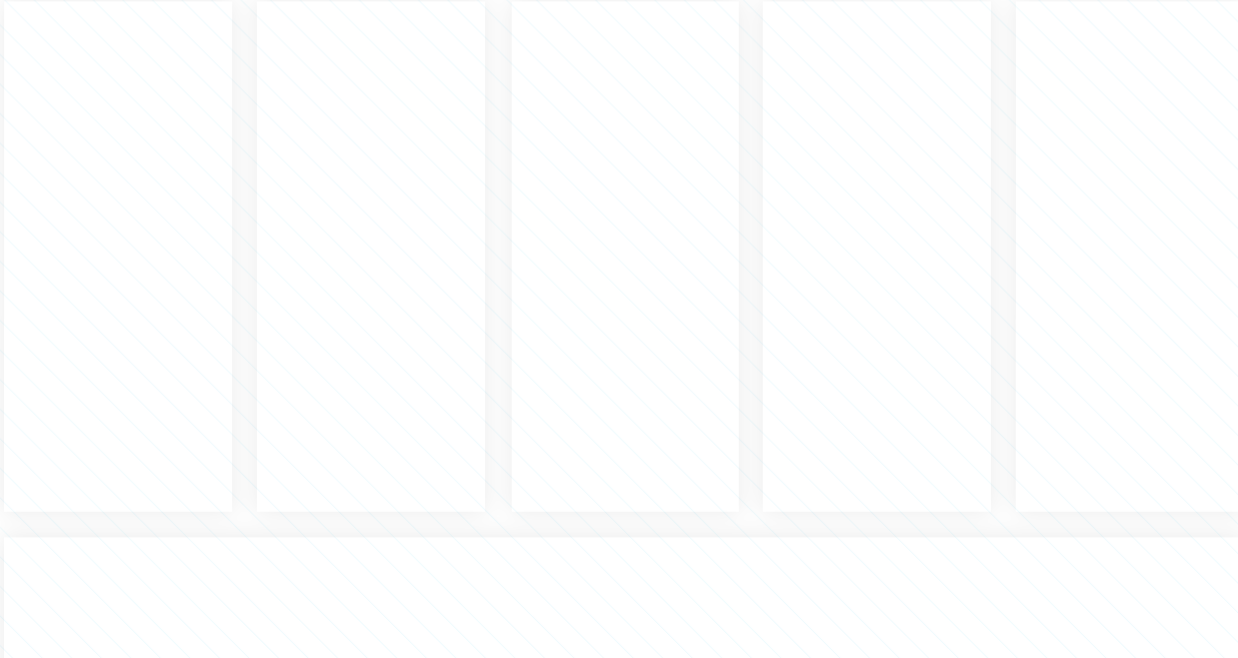
10a. Portfolio Delivery Overview POAP

- The POAP is available here.