



## **DSC Delivery Sub-Group**

15<sup>th</sup> July 2019

# Agenda (1)

Item	Title	Document Ref	Lead	Action Required From DSG
1.	Welcome and Introductions	Verbal	Chair	Introduce yourself
2.	Meeting Minutes	Verbal	Chair	Approval of the meeting minutes for the previous meeting
3.	Defect Update			
3a.	Defect Summary and Dashboard	<u>Slides</u>	Mark Tullett	None – For Information and Discussion
3b.	Issue Management	<u>Slides</u>	Megan Laki/ Eamonn Darcy	Standing agenda item – for information (if there is an update)
3c.	Handling Duplicate confirmation cancellations	<u>Slides</u>	Megan Laki/ Eamonn Darcy	For Discussion
4.	Portfolio Delivery			
4a.	Portfolio Delivery Overview POAP	<u>POAP published on Xoserve.com</u>		Standing agenda item – for information (if there is an update)
4b.	Retail and Network Delivery Overview	<u>Slides</u>	Richard Hadfield/Julie Bretherton	Standing agenda item – for information (if there is an update)
4c.	Data Delivery Overview	<u>Slides</u>	Jane Goodes	Standing agenda item – for information (if there is an update)

# Agenda (2)

5.	Major Release Update			
5a.	June 19	Slides	Simon Burton	Standing agenda item – for information (if there is an update)
5b.	EUC Update	Slides	Matt Rider	Standing agenda item – for information (if there is an update)
5c.	November 19	Slides	Tom Lineham	Standing agenda item – for information (if there is an update)
5d.	Minor Release Drop 4	Slides	Bali Bahia	Standing agenda item – for information (if there is an update)
5e.	Minor Release Drop 5	Slides	Richard Hadfield	Standing agenda item – for information (if there is an update)
5f.	XRN4914 - MOD 0651- Retrospective Data Update Provision	Slides	Tracy O'Connor	Standing agenda item – for information (if there is an update)
6.	New Change Proposals For Ratification of the Prioritisation Scores			
6a.	XRN4978 - Notification of Rolling AQ value (following transfer of ownership between M-5 and M)	CP published on Xoserve.com	Simon Harris	For ratification of score
7.	Change Proposal Initial View Representations			
	No changes this month	N/A	N/A	N/A
8.	Undergoing Solution Options Impact Assessment Review			
	No changes this month	N/A	N/A	N/A

# Agenda (3)

9.	Solution Options Impact Assessment Review Completed			
9a.	XRN4850 - Notification of Customer contact details to Transporters	Slides	Ellie Rogers	DSG to agree preferred option
9b.	XRN4871 - Modification 0665 - Changes To Ratchet Regime	Slides	Ellie Rogers	DSG to agree preferred option
9c.	4888 - Removing Duplicate Address Update Validation for IGT Supply Meter Points via Contact Management Service (CMS)	Slides	Paul Orsler	DSG to agree preferred option
10.	Miscellaneous			
10a.	Report Review Update	Slides	Charlie Haley	For information and discussion
10b.	File Format Correction (JOB/UPD)	Verbal	Megan Troth	For discussion
10c.	Shipper Pack/PARR Reporting Update	Slides	Dave Newman	For discussion
11.	JMDG Update	Slides	Simon Harris	For Information
12.	UIG Update	Slides	Leanne Jackson	For information and discussion
13.	CSS Update	Slides	Emma Lyndon	For information and discussion
14.	ChMC Update	Slides	Rachel Taggart	For information and discussion
15.	Action Updates	<a href="#">Action log published on Xoserve.com</a>	All	Updates required on DSG owned actions (see below)
16.	AOB	<a href="#">Slides</a>	Various	TBC



### **3. Defects Update**

### 3. Defects update

- 3a. Defect Summary and Dashboard
- 3b. Issue Management
- 3c. Handling Duplicate confirmation cancellations

Stats as per HPQC extract taken on  
Thursday 11<sup>th</sup> July 2019.

## 3a. Defect Summary Stats

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

	PGL Defects						Newly Discovered Defects								GRAND RELEASE
	D1	D2	D3	D4	D5	TOTAL	D1	D2	D3	D4	D5	Not Set	TOTAL	TOTALS	
Urgent Fix (D1/D2)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Amendment Invoice Task Force	0	0	0	0	0	0	0	0	5	12	0	0	17	17	
R4.01 - 5th July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
R4.02 - 12th July / 19th July	0	0	0	0	0	0	0	0	1	6	0	0	7	7	
On Hold	0	0	0	0	0	0	0	0	1	1	0	0	2	2	
Requires CR	0	0	0	0	0	0	0	0	1	1	0	0	2	2	
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	1	0	0	0	1	1	
Currently Unallocated	0	0	0	0	0	0	0	0	8	14	0	0	22	22	
TOTAL OPEN	0	0	0	0	0	0	0	0	17	34	0	0	51	51	
Closed as Rejected	0	0	3	14	7	24	0	11	49	47	1	3	111	135	
Closed as CR	0	0	3	8	0	11	0	0	9	6	0	0	15	26	
Closed - Deployed to Production	0	7	28	59	9	103	9	215	505	267	15	10	1021	1124	
TOTAL CLOSED	0	7	34	81	16	138	9	226	563	320	16	13	1147	1285	
GRAND TOTAL	0	7	31	73	16	138	9	226	571	348	16	13	1198	1336	

## 3a. R4.01

The below fixes were all deployed to production on 5th July

Defect ID	Status	Description	Release
115	Closed - Deployed to Production	Only one meter showing in UKlink & Portal for a twin stream site	R4.01
1383	Closed - Deployed to Production	SAP - Rejection codes TOL00006 for class 2 site sent to Shipper in error	R4.01
1384	Closed - Deployed to Production	NON SAP -Daily Read Equipment - Amend Site Visit Read isn't updating the read"	R4.01
1400	Closed - Deployed to Production	SAP BW: IGT Quaterly file; EMR contact details missing	R4.01
1401	Closed - Deployed to Production	SAP BW - Report Issue - In the Large Loads Report the MPRN is not correct in report	R4.01

Release 4.02a is scheduled for 12<sup>th</sup> July and R4.02b is 19<sup>th</sup> July

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.

# 3a. Amendment Invoice Impacting Defects - Open

Defect ID	Status	Primary Business Process	Description
1347	Ready For Assurance	INV	SAP-ASP financial values are presented incorrectly within ASP file for charges under the Transmission networks
1331	Clarification Required	INV	DM prime REC charges are not getting calculated & presented within ASP supporting information file
1390	Awaiting CAB	READS	There is a mismatch due to bill documents being reversed however the REC reversal tool does not recognize the code given as a valid reversal reason
1338	Failed assurance	INV	SAP- The amendments invoice pre-aggregation process is invalidating valid charges causing ASP financial mismatches
1339	Failed assurance	INV	SAP- ASP Presentation Mismatch Issue where there is a one day difference between the original REC period and the Re-REC period (Linked to 1138)
1388	Ready For Assurance	INV	AML Fix - (SAP) ASP Presentation mismatch issue where there is one day difference between the original REC period and the Re-Rec period
1334	Phased Assurance	READS	RECs processed within D+5 close out are identified to have an inconsistency in terms of mapping the GUID and the REC start/end dates (Dec-2018 RCA)
1369	Ready for Internal Testing	INV	SAPBW - Class 4 reads showing on 'fallout report' where the read has been made inactive which do not generate a rec - CR315
1372	Failed assurance	READS	Class 4 NDM prime reconciliation on opening (OPNX) read instead of final (FINX) read
1377	Clarification Required	READS	AML Credit Issue - Incorrect negative Volume and energy is calculated
1395	Ready For Assurance	READS	Meter Reading is inactive in the production system
1396	Under Analysis	BW Reporting	AML file missing volume
1399	Assigned	INV	For Shorthaul sites - incorrect UDQI loaded
1405	DRS Needed	READS	Whenever Site Visit (via SFN file) received on D+1 and read is already present for same date, check to check reconciliation does not create a record with current read date as D+1 and last read date as D
1333	Under Analysis	READS	DM REC financial mismatches
1412	DRS Needed	READS	June Release - Re: Defect 54993 - Class 3 Rec has populated in correct volumes and energies
1343	Under Analysis	INV	The bill document for the C4 LSP site is linked with incorrect REC information

Key:

	Amendment Invoice Task Force Defects
	Standard Defect

## 3a. Amendment Invoice Impacting Defects - Closed

The below defects were deployed / closed since the last slides were issued.

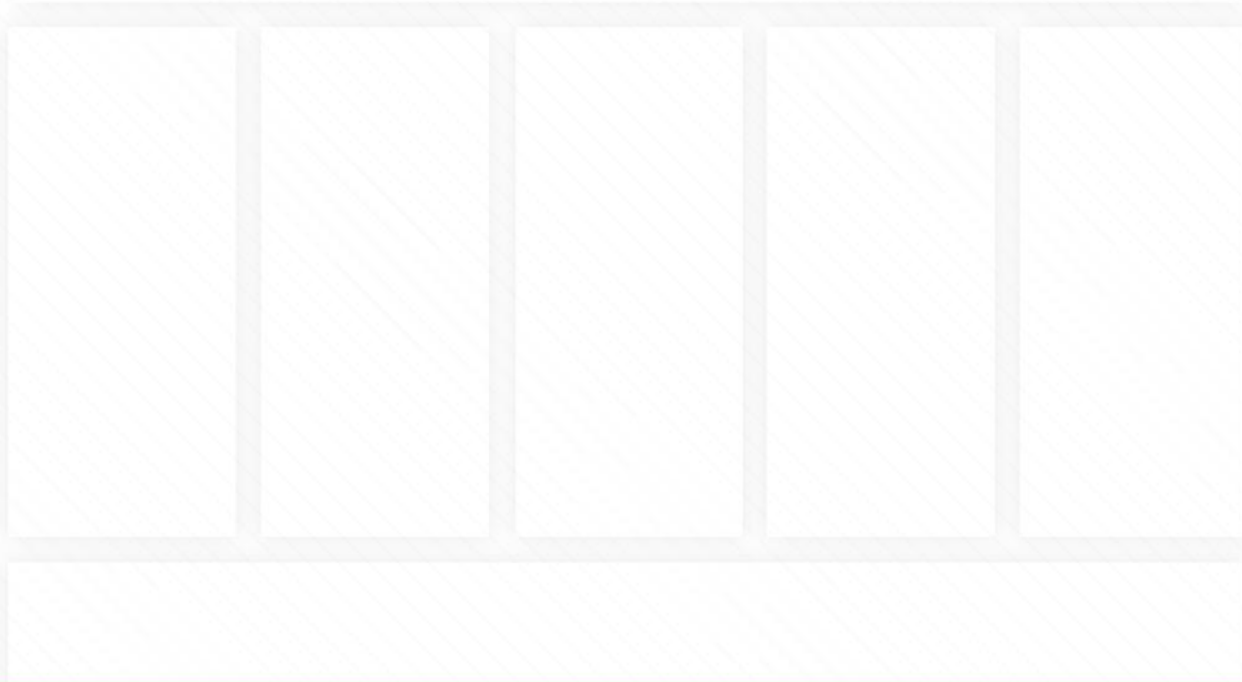
Defect ID	Status	Description	Dep. Date
1346	Closed - Deployed to Production	RCA (Feb) - There is no variance split shown as part of the C4 REC process (iGT sites) which is causing ASP/AML financial mismatches	28th June
1367	Closed as Rejected	SAP- Loading of Class 1 & 2 Reads outside closeout	28th June
1344	Closed as Rejected	Incorrect pricing rate utilised for billing iGT site for one variance period causing financial mismatches within ASP files.	1st July
1349	Closed - Deployed to Production	SAP -Reconciliation charge issue for Class 3 reads received via UBR	5th July

Key:

	Amendment Invoice Task Force Defects
	Standard Defect

## 3b. Issue Management

- Issue Register published on [Xoserve.com](https://xoserve.com)




### 3c. Handling Duplicate confirmation cancellations

- There is a proposed fix being put in to deal with shippers submitting duplicate confirmation requests
- Due to parallel processing if there are duplicate requests being submitted (and there a stream of these) instead of the shipper having one request being rejected, they are both being processed.
- This means that there are two confirmation refs being produced and files sent to the gaining shipper and 2 withdrawal notices sent to the losing shipper. At TRF IS Operations are having to deal with these as we can't have 2 confirmations going live on the same effective date.
- The potential fix proposes a programme being developed to identify and cancel the duplicate confirmations, however no notice will be sent to the shipper informing them of such. This aligns with Pre Nexus resolution steps, however there was a rejection code that would have been sent.
- We are asking for DSG views as to whether this fix (and not receiving a response to duplicate requests) would work for you?



## 4. Portfolio Delivery

# Portfolio Delivery

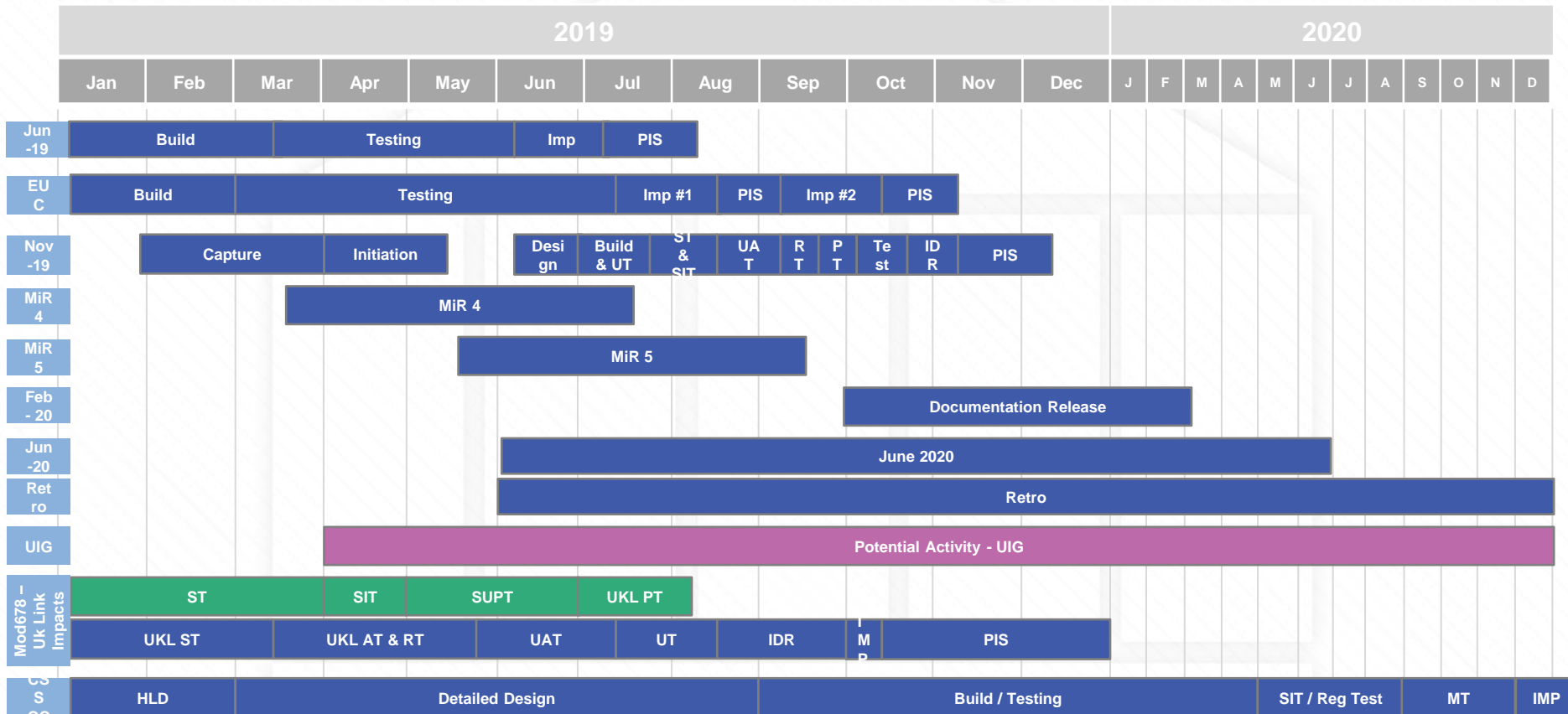
- 4a. Portfolio Delivery Overview POAP
- 4b. Retail and Network Delivery Overview
- 4c. Data Delivery Overview

## 4a. Portfolio Delivery Overview POAP

POAP published on [Xoserve.com](https://xoserve.com)

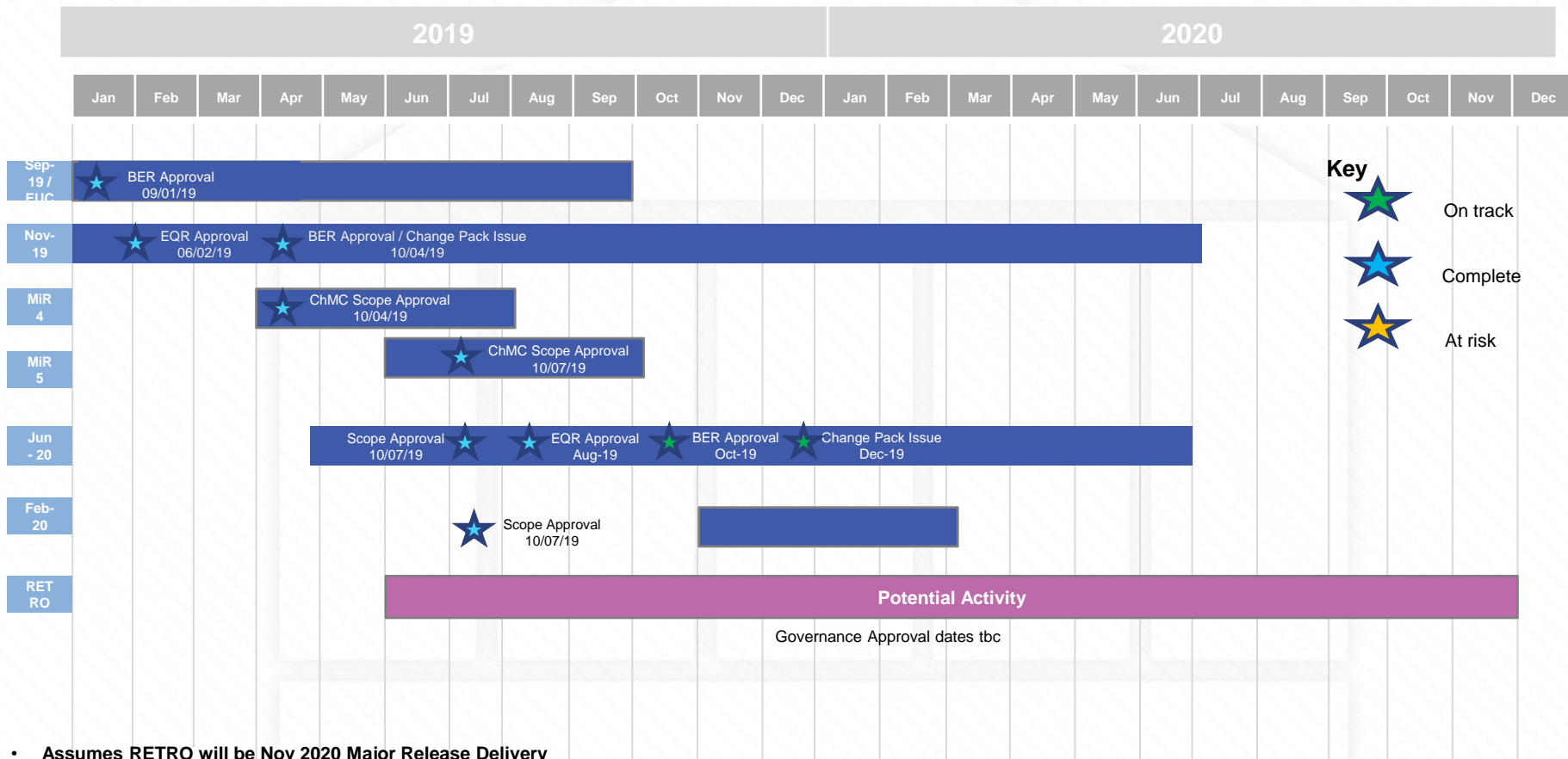
No changes for this period.


## 4b. Retail and Network Delivery Overview – 2019 / 2020 UK Link Delivery Timeline



- Assumes RETRO will be Released Nov 2020
- Please note that this includes potential activity within UK Link over the next 24 months

# 4b. 2019 / 2020 UK Link Governance Timeline



- Assumes RETRO will be Nov 2020 Major Release Delivery
- Please note that this includes potential activity within UK Link over the next 24 months

## 4b. Change Index – UK Link Allocated Change

Proposed Release	XRN	Change Title	Current Status	UK Link Release	Complexity	Finance
June 19	4670	Reject a replacement read, where the read provided is identical to that already held in UK Link for the same read date	In PIS	June 2019	Low	<i>Xoserve</i>
	4687	PSR updates for large domestic sites	In PIS	June 2019	Low	<i>Shippers</i>
	4676	Reconciliation issues with reads recorded between D-1 to D-5.	In PIS	June 2019	Medium	<i>Xoserve</i>
MiR 4	4777	Acceptance of Contact Details Updates	In Delivery	MiR 4	Medium	<i>Shipper</i>
	4803	Removal of validation for AQ Correction Reason 4	In Delivery	MiR 4	Low	<i>Shipper</i>
	4780 (A)	Inclusion of Meter Asset Provider Identity (MAP Id) in the UK Link system (CSS Consequential Change)	In Delivery	MiR 4	Medium	<i>Shipper</i>
MiR 5	4871 (A)	Modification 0665 - Changes to Ratchet Regime	In Delivery	MiR 5	Low / Medium	<i>Shippers / DNs</i>
Sept 19	4376	GB Charging & Incremental (IP PARCA) Capacity Allocation Change Delivery (2019)	In Delivery	September 2019	High	<i>NTS</i>
	4665	Creation of new End User Categories (EUC)	In Delivery	June/Sep-2019	High	<i>Shippers</i>
Nov-19	4679	Requiring a Meter Reading following a change of Local Distribution Zone or Exit Zone	In Delivery	November 2019	Medium	<i>Xoserve</i>
	4725	New read reason type for LIS estimate readings	In Delivery	November 2019	Medium	<i>Xoserve</i>
	4621	Suspension of the validation between meter index and unconverted index	In Delivery	November 2019	High	<i>Shipper</i>
	4866	UIG Recommendation – removal of validation on uncorrected read	In Delivery	November 2019	Low	<i>Shipper</i>
Feb-20	4955	Amendments of MDD PSR needs code descriptions	In Project Start-Up	February - 2020	Low	<i>Shippers / GT/IGTs</i>
Jun-20	4865	Amendment to Treatment and Reporting of CYCL Reads	In Project Start-Up	June-2020	Low	<i>Shippers</i>
	4691	CSEPs: IGT and GT File Formats (CGI Files)	In Project Start-Up	June-2020	Medium	<i>DNs / IGTs</i>
	4692	CSEPs: IGT and GT File Formats (CIN Files)	In Project Start-Up	June-2020	Medium	<i>DNs / IGTs</i>
	4772	Composite Weather Variable (CWV) Improvements	In Project Start-Up	June-2020	Medium	<i>tbc</i>
	4780 – B	Inclusion of Meter Asset Provider Identity (MAP Id) in the UK Link system (CSS Consequential Change)	In Project Start-Up	June-2020	Medium	<i>Shippers</i>
	4930	Requirement to Inform Shipper of Meter Link Code Change	In Project Start-Up	June-2020	Low	<i>Shippers</i>
	4932	Improvements to the quality of the Conversion Factor values held on the Supply Point Register (MOD0681S)	In Project Start-Up	June-2020	Medium	<i>Tbc</i>
CSS	4627	Consequential Central Switching Services	In Delivery	2021	High	<i>Shippers</i>

## 4b. Change Index – UK Link Unallocated External Impacting Changes

XRN	Change Title	Current Status	Indicative R&N Release	Complexity
4851	Moving Market Participant Ownership from SPAA to UNC/DSC	CP in Capture	Feb 2020	TBC
4645	The rejection of incrementing reads submitted for an Isolated Supply Meter Point (RGMA flows)	CP in Capture	Major Release	TBC
4801	Additional information to be made viewable on DES	HLSO in progress	Major Release	TBC
4850	Notification of Customer Contact Details to Transporters	HLSO In review	Major Release	Medium
4871 – B	Modification 0665 – Changes to Ratchet Regime	HLSO in progress	Major Release	TBC
4888	Removing Duplicate Address Update Validation for IGT Supply Meter Points via Contact Management Service (CMS)	HLSO in progress	Major Release	TBC
4931	Submission of Space in Mandatory Data on Multiple SPA Files	CP in Capture	Major Release	TBC
4941	Auto updates to meter read frequency (MOD0692)	Awaiting Solution Approval	Major Release	Medium
Mod647	Opening Class 1 Reads to Competition	Awaiting Solution Approval	Major Release	High - Med
4914	Mod 651 - Retrospective Data Update Provisions	CP in Capture	Major Release 2020	TBC
4896	Failure to Supply Gas System and Template Amendment	HLSO in review	Minor Release	Low
4923	AQ Calculation for RGMA (ONUPD) Estimate Reads	Awaiting Solution Approval	Minor Release	Low
4716	Increased Field Length – ‘Updated by’ data item	Solution approved	Minor Release	Medium
4854	Transfer of NDM sampling obligations from Distribution Network Operators to the CDSP	In Capture	Unallocated	TBC

### KEY

Feb 2020

Major Release

Retro 2020

Minor Release

Unallocated

## 4c. Data Delivery Overview

### Update on current Data Office change pipeline

- Work has started on the development and delivery of Drop 1 for the Shipper Pack changes (Shipper MI – XRN4789). First data drop focuses on alignment of data and topics in the Shipper Packs and PARR Reports and the delivery date for the first drop is 31<sup>st</sup> July.
- Data Office continue to support the work in the AML/ASP Taskforce which has resulted in a knock on delay in the delivery of some of the changes currently in the Data Office pipeline for delivery.
- In order to ensure that we continue to move forward with changes in the pipeline as quickly as possible, internally Xoserve continue to review the priority of existing changes in the pipeline along with any new changes that are received.

# Data Office POAP

Below shows the Change Proposals or externally impacting change requests that are currently in delivery with the Data Office and have planned releases:

XRN Number	Change Title	Delivery Month					RAG Status
		April/ May	June/ July	Aug/ Sept	Oct/ Nov	Dec/Jan	
XRN4835	Address Profiling and Reporting (css extract pre go live)						Requirements have changed – data office working with CSSC Project to resolve
XRN4841	MAP Access to UKL via API (JMDG Use case 58) – API access on back of a MOD						Due to be complete end of June
XRN4886	MAM Reporting (MOD297) supporting report for MOD						Due to be complete end of June
XRN4898	Additional data source for UIG visualisation						Due to be complete end of July
XRN4795	Amendments to the PARR (520a) reporting						Due to be complete end of December

## Data Office changes in Capture

The table below shows all change proposals and externally impacting change requests which are currently in capture and are either new requests, we are gathering requirements or we are waiting for solution options from the Data Office:

CP/CR	XRN No	Change Details	Priority	Customer Benefit	Indicative Delivery Date
CR	4868	UIG Recommendation – Report for class 1, class 2 read rejections	1	To monitor AQ movements and percentage of AQ's calculated per user per month	January 2020
CP	4860	National Temporary UIG	2	Information for Shippers to see how reconciliation is affecting UIG over time	January 2020
CP	4738	Shipper portfolio update proposed formula year AQ/SOC	8	Inform Shippers of their proposed formula year AQ/SOQ values when produced.	BA available in October for requirements gathering. Delivery date TBC
CP	4876	Changes to PAR Reporting (supporting UIG)	4	Provide further data to PAFA to aid analysis on performance reporting and aid in shipper performance as a first indication of any issues before PAC	TBC – part of the Shipper MI Project
CP	4789	Shipper packs – glossary updates and reporting changes from AQ to product class	5	The shipper packs should align further to PAC reporting and aid shipper performance	TBC – part of the Shipper MI Project
CP	4779	MOD0657S – Adding AQ reporting to PARR Reports	6	Monitor AQ movements and percentage of Aqs calculated per month by user, can access performance across the industry and engage with the poorer performers with an aim to get industry performance increased.	TBC – part of the Shipper MI Project
CP	4946	Reporting on installed meters with conversion capability	8	Inform Shippers of meters in portfolio with this capability to ensure they are billing the end consumer correctly	TBC








## **5. Major Release Update**

## 5. Major Release Update

- 5a. June 2019
- 5b. End User Categories 19
- 5c. November 2019
- 5d. Minor Release Drop 4
- 5e. Minor Release Drop 5 – Verbal Update
- 5f. XRN4914 - MOD 0651- Retrospective Data Update Provision






# 5a. XRN4732 - June 19 Release - Status Update

15 <sup>th</sup> July 2019	Overall Project RAG Status: 			
	Schedule	Risks and Issues	Cost	Resources
RAG Status				
Status Justification				
Schedule	<ul style="list-style-type: none"><li>• <b>Post Implementation Support:</b> 1<sup>st</sup> usage being monitored and evidence being reviewed and approved. PIS due to finish on 26<sup>th</sup> July</li><li>• <b>Closedown:</b> Closedown documentation is being produced with formal closedown scheduled for 2<sup>nd</sup> August</li></ul>			
Risks and Issues	<ul style="list-style-type: none"><li>• Weekly monitoring of SME resources supporting multiple demands (e.g. BAU defects, AML/ASP etc) and all requirements are able to be met</li></ul>			
Cost	<ul style="list-style-type: none"><li>• Project delivery costs are tracking to approved budgets</li></ul>			
Resources	<ul style="list-style-type: none"><li>• Weekly monitoring of SME resources supporting multiple demands (e.g. BAU defects, Future Releases etc) is ongoing</li></ul>			

### Key Milestone Dates:

- |        |         | 08/10/2018 | 15/10/2018 | 22/10/2018 | 29/10/2018 | 05/11/2018 | 12/11/2018 | 19/11/2018 | 26/11/2018  | 03/12/2018 | 10/12/2018 | 17/12/2018 | 24/12/2018 | 31/12/2018 | 07/01/2019 | 14/01/2019 | 21/01/2019 | 28/01/2019 | 04/02/2019 | 11/02/2019 | 18/02/2019 | 25/02/2019 | 04/03/2019 | 11/03/2019 | 18/03/2019 | 25/03/2019 | 01/04/2019 | 08/04/2019 | 15/04/2019 | 22/04/2019 | 29/04/2019 | 06/05/2019 | 13/05/2019 | 20/05/2019 | 27/05/2019 | 03/06/2019 | 10/06/2019 | 17/06/2019 | 24/06/2019 | 01/07/2019 | 08/07/2019 | 15/07/2019 | 22/07/2019 | 29/07/2019 | 05/08/2019 | 12/08/2019 | 19/08/2019 | 26/08/2019 |
|--------|---------|------------|------------|------------|------------|------------|------------|------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|        | 2018    |            |            | 2019       |            |            |            |            |             |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
|        | October | November   | December   | January    | February   | March      | April      |            | May         |            | June       |            | July       |            | August     |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| Jun-19 | Design  |            |            |            | Build & UT |            |            |            | ST +SIT+UAT |            |            |            | Code Merge | RT         |            | Go Live    | PIS        |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |

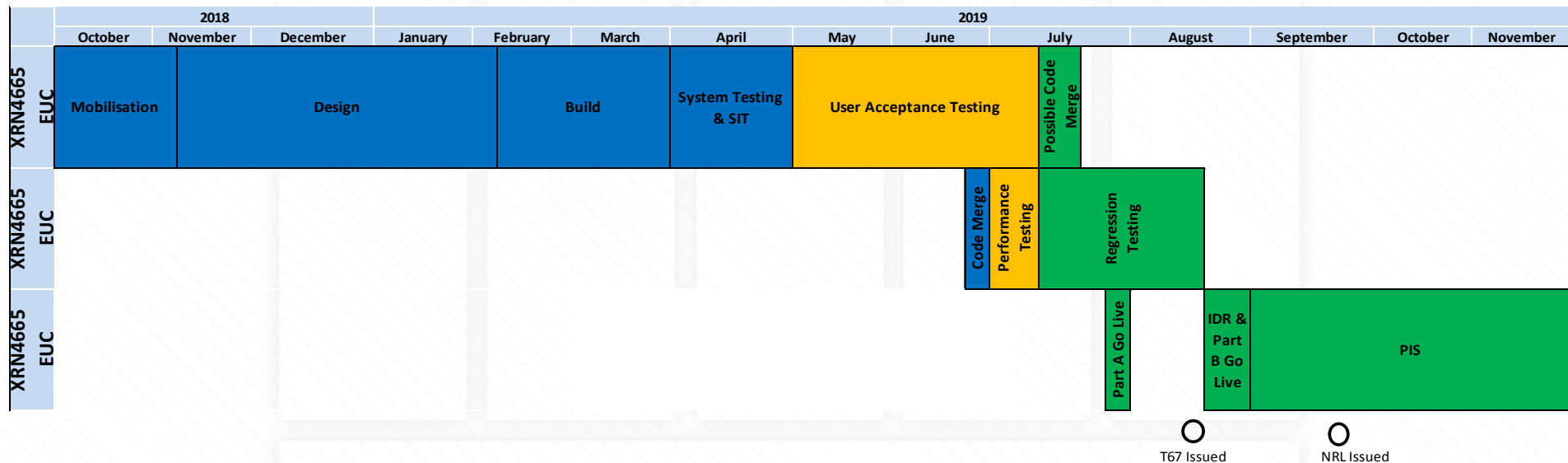
## 5b. XRN4665 – EUC Release

15/07/19	Overall Project RAG Status: 			
	Schedule	Risks and Issues	Cost	Resources
RAG Status				
Status Justification				
Schedule	<p><b>Testing :</b></p> <ul style="list-style-type: none"> <li>OUAT activities ongoing to test fully two invoice cycles. Cycle 1 complete and cycle 2 on track to complete as planned on 12/07</li> <li>PT commenced as planned on 01/07 and on track for completion of all execution on 12/07 with assurance activities expected to complete no later than 19/07</li> <li>RT plan approved and on track to commence as planned from 15/07</li> </ul> <p><b>Implementation :</b></p> <ul style="list-style-type: none"> <li>Internal walkthrough of Part A Implementation plan scheduled for w/c 15/07</li> <li>Planning and assessment of IDR currently in progress (Standard transport deployment , considered low risk)</li> <li>Preparation of the PIS Approach and plan currently in progress</li> <li>Part A on 03/08 to make new EUC bands allowable in ISU to enable sharing of new EUC bands with Industry via the T67 file</li> <li>Part B on 31/08 (with a contingency date of 07/09 if required) to implement all UK Link code changes to deliver the new EUC bands</li> </ul>			
Risks and Issues	<ul style="list-style-type: none"> <li>Environments: There continues to be a risk that multiple projects are running in parallel (EUC, June 19, GB Charging &amp; Minor Releases). A detailed assessment of co-existence in Pre-production is continually being monitored with relevant project teams. However the current view is that this should not impact the EUC release</li> </ul>			
Cost	<ul style="list-style-type: none"> <li>Project delivery costs are tracking to approved internal budgets (Revised BER to include Financial Risk margin resubmitted and approved at ChMC on 10/07/19)</li> </ul>			
Resources	<ul style="list-style-type: none"> <li>Weekly monitoring of SME resources supporting multiple demands (e.g. BAU defects, Future Releases etc) is ongoing</li> </ul>			






# 5b. XRN 4665 - EUC Release Timelines

## Key Milestone Dates:

- OUAT activities ongoing to fully test two complete invoice cycles. Cycle 1 completed and cycle 2 on track for completion on 12/07
- Performance Testing execution on track for completion on 12/07
- Regression Testing plan approved and on track to commence from 15/07
- Part A Implementation plan internal walkthrough scheduled for w/c 15/07
- Planning and assessment of IDR prior to Part B on 27/08 to 28/08 currently in progress
- Preparation of PIS Approach and plan in progress



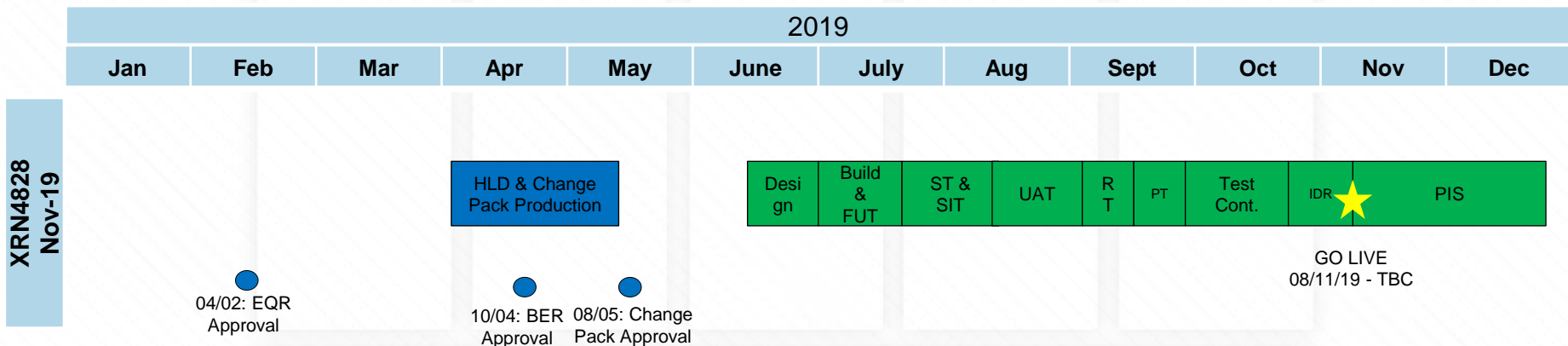
# 5c. XRN4828 - Nov 19 Release - Status Update

1 <sup>st</sup> July	Overall Project RAG Status: 			
	Schedule	Risks and Issues	Cost	Resources
RAG Status				
Status Justification				
Schedule	<ul style="list-style-type: none"> <li>Start Up and Initiation phases complete</li> <li>Detailed Design due to complete on 12<sup>th</sup> July, no objections raised to XRN4621 Design clarification point published on 2<sup>nd</sup> July</li> <li>Build has commenced and is currently on track</li> <li>Test Approach approved and scenarios defined and agreed</li> <li><b>Funding:</b> BER for full delivery approved in April 2019, BER for XRN4866 UIG Recommendation approved at ChMC on 12<sup>th</sup> June.</li> </ul>			
Risks and Issues	<ul style="list-style-type: none"> <li><b>Risk:</b> There is a risk that the Nov 19 Release may be impacted by Pre-Production environment congestion due to multiple deliveries running in parallel</li> <li><b>Risk:</b> There is a risk that due to multiple UKLink deliveries running in parallel there may be limited access to resources.</li> </ul>			
Cost	<ul style="list-style-type: none"> <li>The BER with full delivery costs were approved at ChMC in April 2019, BER for XRN4866 UIG Recommendation approved by ChMC on 12<sup>th</sup> June</li> </ul>			
Resources	<ul style="list-style-type: none"> <li>Weekly monitoring of Xoserve SME resources supporting multiple demands (e.g. BAU defects, Future Releases etc) is ongoing</li> </ul>			






## 5c. XRN4828 - Nov 19 Release Timelines

### Key Milestone Dates:

- **Design Completion – 12/07/19**
- **Build & Unit Test Completion – 02/08/19**
- **System & UAT Completion – 27/09/19**
- **Regression Test Completion - 11/10/19**
- **Implementation – 08/11/19 TBC**
- **PIS Completion – 06/12/19**



## 5d. XRN 4927 – MiR Drop 4 - Status Update

15/07/19	Overall Project RAG Status: 			
	Schedule	Risks and Issues	Cost	Resources
RAG Status				
Status Justification				
Schedule	<ul style="list-style-type: none"> <li>• <b>Regression Testing</b> – Regression Testing is in progress and on track to complete 19<sup>th</sup> July</li> <li>• <b>Implementation</b> - Implementation preparation underway for 27<sup>th</sup> July implementation</li> </ul>			
Risks and Issues	<ul style="list-style-type: none"> <li>• Environment availability continues to be a risk as several projects are sharing environments through out delivery and test, implementation</li> </ul>			
Cost	<ul style="list-style-type: none"> <li>• All costs tracked to budget</li> </ul>			
Resources	<ul style="list-style-type: none"> <li>• There is an ongoing risk that SME's will not be available when required, this is being closely monitored, currently there has been no issues</li> </ul>			

# 5d. Minor Release Drop 4 Timeline & Scope

## Minor Release Drop 4 Key Milestone Dates:

Initiation – 3/5/19

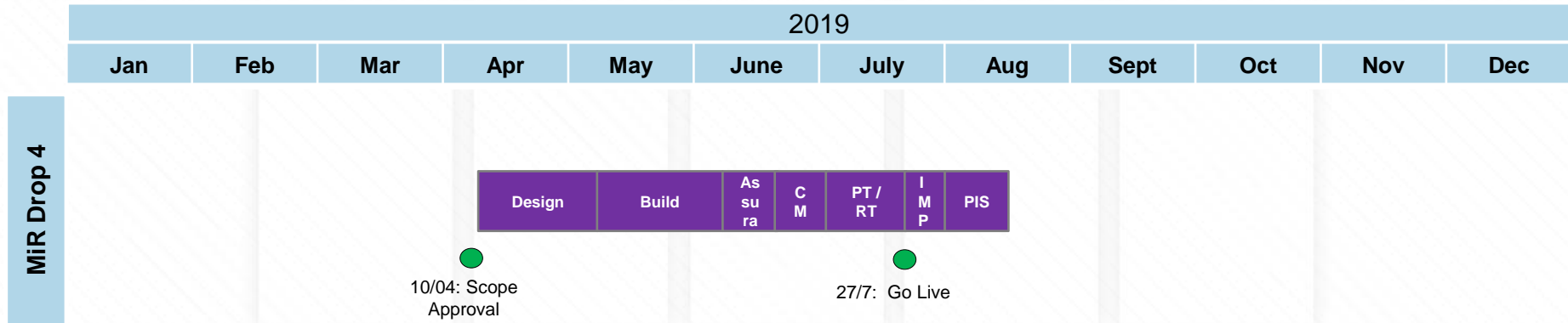
Design – 10/5/19

Build - 7/6/19






Test – 19/7/19

Implementation – 27/7/19

Closedown – 9/8/19



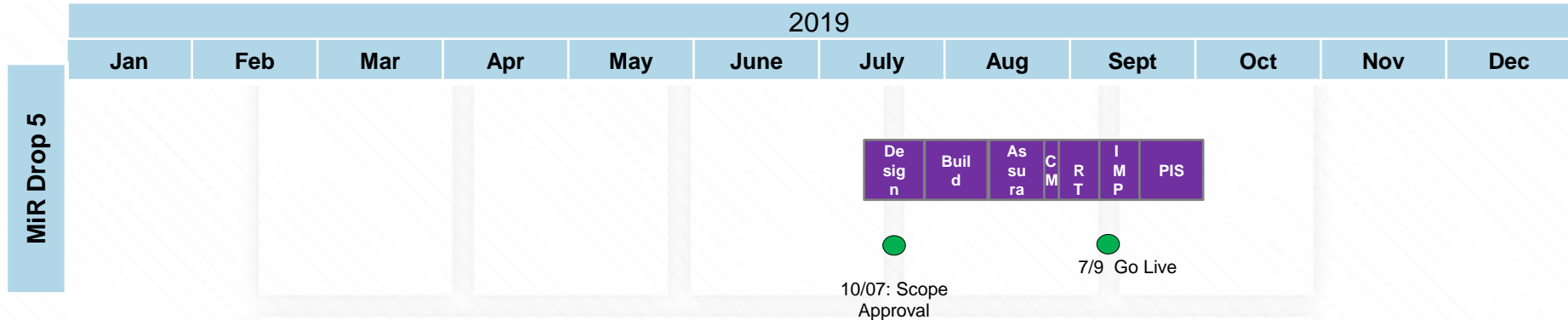
# 5e. XRN 4954 – MiR Drop 5 - Status Update

15/07/19	Overall Project RAG Status: 			
	Schedule	Risks and Issues	Cost	Resources
RAG Status				
Status Justification				
Schedule	<ul style="list-style-type: none"> <li>• <b>Impact Assessment and Design (Ratchet Drill Down Report)</b> – This is in progress due to complete 23<sup>rd</sup> July as per plan</li> <li>• <b>Build (SPA Change)</b> - In progress, due to complete 12<sup>th</sup> July as per plan</li> </ul>			
Risks and Issues	<ul style="list-style-type: none"> <li>• Environment availability continues to be a risk as several projects are sharing environments through out delivery and test, implementation. Sharing pre prod with EUC which may impact start of Regression Testing</li> </ul>			
Cost	<ul style="list-style-type: none"> <li>• All costs tracked to budget</li> </ul>			
Resources	<ul style="list-style-type: none"> <li>• There is an ongoing risk that SME's will not be available when required, this is being closely monitored, currently there has been no issues</li> </ul>			

# 5e. Potential Minor Release Drop 5 Timeline & Scope

## Minor Release Drop 5 Key Milestone Dates:

	SPA Change	Drill Down Report
Initiation	14/6/19	23/7/19
Design	29/6/19	23/7/19
Build	12/7/19	3/8/19
Test	9/8/19	30/8/19
Implementation	7/9/19	7/9/19
Closedown	20/9/19	20/9/19



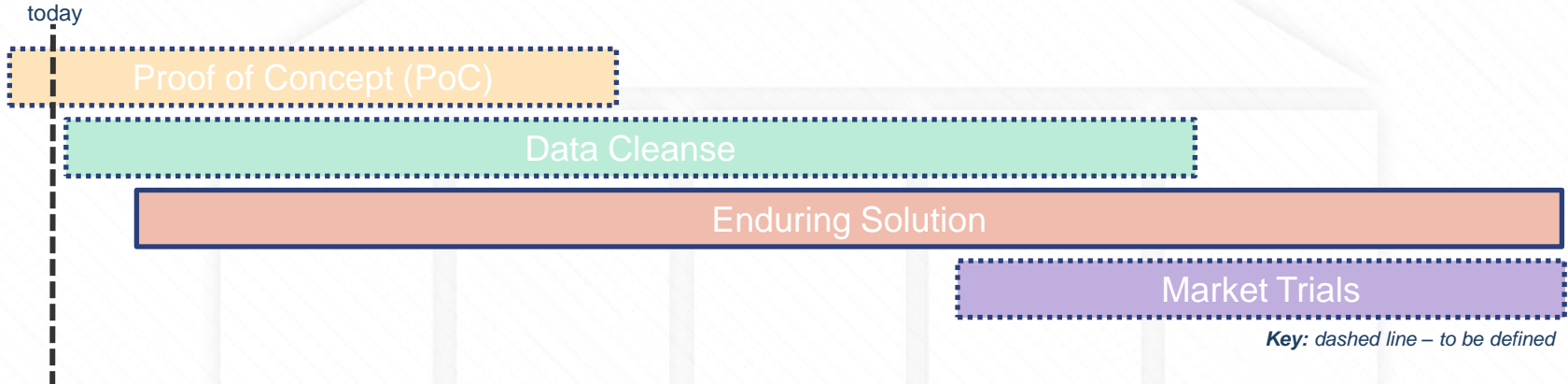
## 5f. XRN4914 MOD 0651- Retrospective Data Update Provision – Progress update

11 <sup>th</sup> July 2019	Capture Progress update
<b>Schedule</b>	<b>Proof of Concept:</b> <ul style="list-style-type: none"> <li>• 13<sup>th</sup> / 20<sup>th</sup> June: requirements gathered</li> <li>• 24<sup>th</sup> June: peer and first review</li> <li>• 25<sup>th</sup> June: issued for internal review</li> <li>• 1<sup>st</sup> July: internal walkthrough and approval received; for all but 5 reqs</li> <li>• 2<sup>nd</sup> July: ideas/solutions initial discussion; identifying 3<sup>rd</sup> parties to engage with (3)</li> <li>• 3<sup>rd</sup> July: Wipro producing a HLSO and RFQ being produced</li> <li>• 4<sup>th</sup> July: Capture session to review 5 outstanding reqs and approval received</li> <li>• 10<sup>th</sup> July: NDA contract issued to 3<sup>rd</sup> parties; 1 received, 1 on-way, awaiting response for 3rd</li> <li>• 12<sup>th</sup> July: RFQ reviewed by procurement and issued to 3<sup>rd</sup> parties</li> <li>• Planning continuing</li> </ul>
<b>Risks and Issues</b>	<ul style="list-style-type: none"> <li>• <b>Issue</b> -project is behind original draft plan</li> <li>• <b>Issue</b> - data team / security team resources not allocated to project; options being discussed internally</li> <li>• <b>Risk</b> - that cost required to deliver project is greater than project funding (2017 day rates used)</li> <li>• <b>Risk</b> - availability of resources (environments/people) may impact plan for Retro</li> </ul>
<b>Cost</b>	<ul style="list-style-type: none"> <li>• <b>Project cost</b> - to be re-confirmed</li> <li>• <b>Project funding</b> - £1.5 mill; £700k for 2019 and £800k for 2020</li> </ul>
<b>Resources</b>	<b>Project mobilising</b> <ul style="list-style-type: none"> <li>• Resources required for project being identified and seeking allocation</li> <li>• Engaged with other programmes of work for consequential impacts / synergies (CSSC, AML/ASP, UIG)</li> <li>• SI agreed for project</li> <li>• Engagement approach to be agreed with Customers</li> </ul>

# 5f. What have we done to date?

June '19

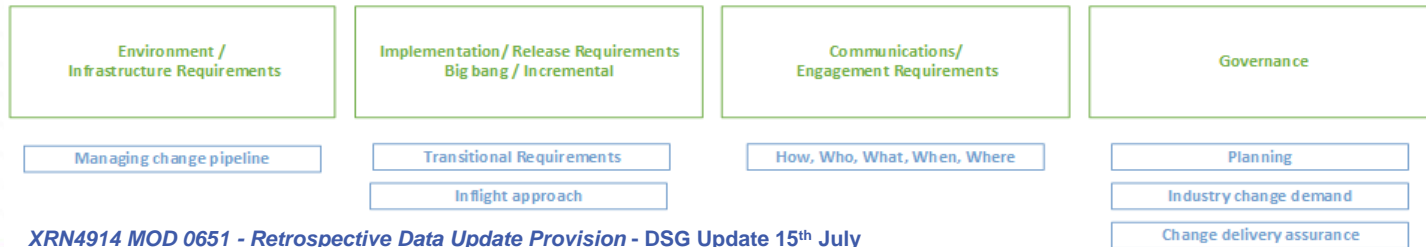
Nov '20



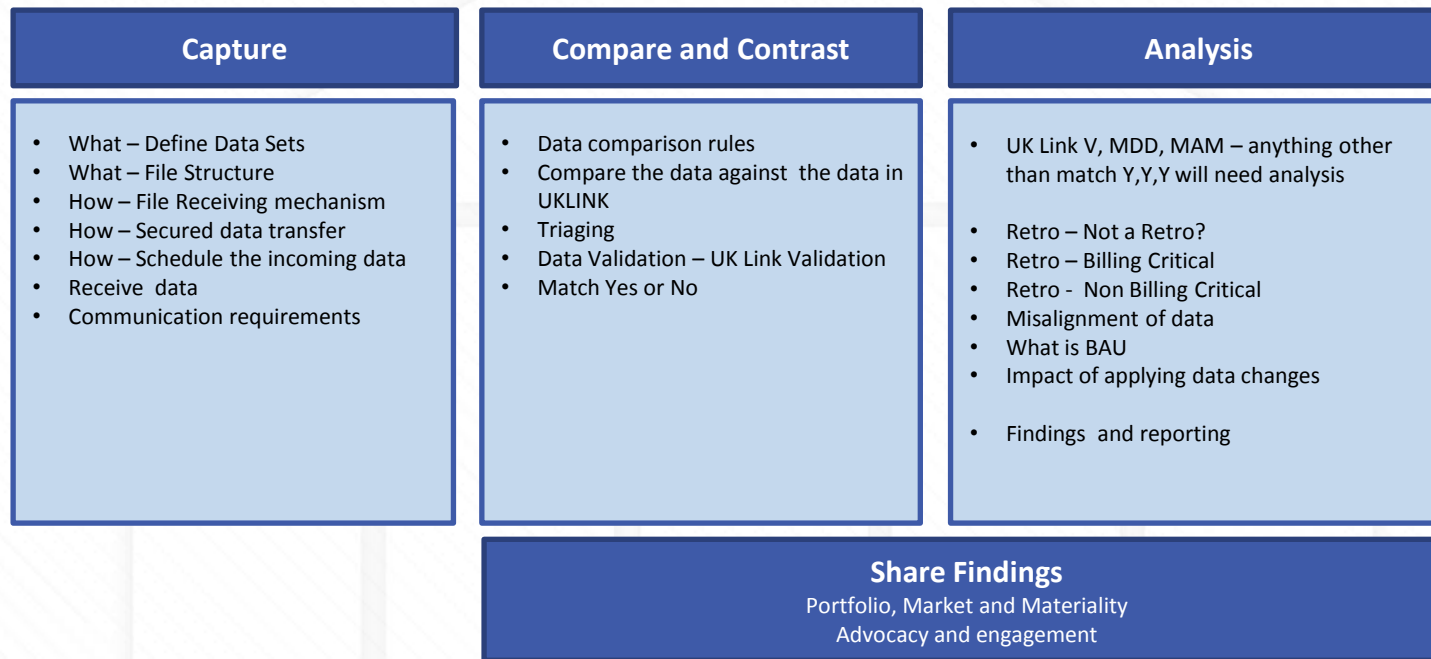
- Used 3 capture sessions to draft PoC requirements
- First & peer reviews and requirements validated by SME's, ISOPs, Data and Wipro
- Walkthrough of requirements gained approval
- Had an ideas/suggestions session to discuss delivery options for PoC – identified 3 additional 3<sup>rd</sup> parties
- NDA issued to 3<sup>rd</sup> parties; Request for Quotation drafted, to be issued 12<sup>th</sup> July

Today: We'll talk you through the output and seek approval for PoC requirements

## 5f. Context Diagram



# 5f. Proof of Concept - Structure



# 5f. Stage II - Market & Materiality

Stage I – Identify the of differences between data sets

Stage II – Identify the meaning of difference

Define the Business Rules so that meaning can be derived from the data

## POC 1 RETRO

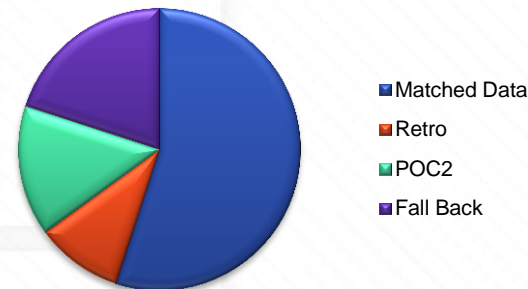
Billing Critical  
Non Billing Critical

## POC 2 BAU

Billing Critical  
Non Billing Critical

## POC3 – Data Integrity

Genuine Misalignment  
Compatibility of data with MDD/UKLINK/MAM  
Shipper not registered the MPRN  
Credibility assessment  
MDD & MAM



# 5f. Proof of Concept: Functional Requirements

No	Actor (As)	Requirement Description (I want to..)	Rationale (so that ...)	Priority
FR1	Xoserve	I want the findings from POC to feed into Data Cleanse and Enduring Solution	So that I can utilise the outcomes and outputs from POC in Data cleansing	Must
FR2	Xoserve	I want to be receive the specific shipper data as part of POC for Agreed Data Items	So that I can assess the data items and compare this data against the data held in UK Link	Must
FR3	Xoserve	I want to have a mechanism to receive data from shippers	so that I can utilise the data for comparison exercise	Must
FR4	Xoserve	I want to store the data received from shippers	so that I can utilise the data for comparison exercise	Must
FR5	Xoserve	I want to triage with shipper	so that we receive data which is in the format useful for POC	Must
FR6	Shipper	I want to be acknowledged for the data I have sent	so that I know the data has been received by Xoserve	Must
FR7	Xoserve	I want to import the data from UK Link to the project area for all the agreed data items	so that I can compare the data provided by shippers	Must
FR8	Xoserve	I want to build a common format to be used by shippers to send the data to us for POC	so that all the shippers adhere to same format irrespective of data transfer mechanism	Must
FR9	Xoserve	I want to compare the data received from Shippers and the data from UKLink in a project area for POC	so that I can feed the findings to data cleansing	Must
FR10	Xoserve	I want to be notified of data mismatches for stage 1 of POC	so that I am aware of state of the data held in UK Link with respect my portfolio	Must
FR11	Xoserve	I want the reporting capabilities to be provided as part of Stage 1 of POC	so that I can report the findings around the data comparison exercises	Must
FR12	Xoserve	I want to review the next steps once the findings at stage 1 are identified (STAGE II)	so that I can derive the meaning of the data mismatch with respect to market and materiality	Must
FR13	Shipper	I want to know the findings from POC - STAGE II	so that I am aware what does that mean for my business and market as a whole	Must

## 5f. Proof of Concept: Non-Functional Requirements

No	Actor (As)	Requirement Description (I want to..)	Rationale (so that ...)	Priority
NFR1	Xoserve	receive the data from shipper in a secured way	so that I can perform data comparison in POC	Must
NFR2	Xoserve	design a solution which must be capable of handling of high volumes of data (scalability)	so that I can perform data comparison in POC with	Must
NFR3	Xoserve	store the data received from shippers in a secured area during the project lifecycle	so that I can refer back to the data we worked on in POC	Must
NFR4	Xoserve	design a solution which can be easily produced and provided by Shippers	so that shippers do not have to spend a lot of time and resource on responding to the data request	Must
NFR5	Xoserve	Solution design must support receiving data from different shippers at different dates or weeks of the POC execution as well as on same day and time	so that shipper have the flexibility to send the data in different times or synchronously	Must
NFR6	Xoserve	solution reporting design must be flexible in configuration	so that it can provide dynamic views of underlying data	Must
NFR7	Xoserve	solution Reporting design must be intuitive to be used by non technical teams as well	so that users are encouraged to apply business knowledge to derive meanings from the data	Must
NFR8	Shipper	receive acknowledgment that Xoserve received the data with in the same calendar day	so that I know the data has been received by Xoserve	Should
NFR9	Xoserve	there to be no detrimental performance introduced to current system	the introduction of this change does not impact current processes and performance.	Must
NFR10	Xoserve	There to be testing to ensure we have capacity in the current gas day schedule to introduce new batch jobs to support this process	we do not introduce new jobs in isolation and that the impact the overall performance of the system is not affected	Must
NFR11	Xoserve	There to be testing end to end of the process with upstream and downstream changes factored in e.g. additional file flows in and out of Xoserve, additional processing timings (when, what else is running) any PT should not be completed in isolation	we do not introduce performance issues into the current system	Must

# 5f. Data items

- **Meter Point Reference Number (min)**
- **Shipper Short Code (min)**
- **Meter Point Conversion Factor**
- Effective Date of Asset Installation (Meter and Converter)
- Transaction Type Code
- Supplier ID (to accommodate MAM data)

## Meter Details

- **Meter Serial Number (min)**
- **Model Code**
- **Manufacturer Code**
- Year of Manufacture
- **Meter Type Code**
- **Meter Mechanism Code**
- **Measuring Capacity**
- Collar Status Code
- **Number of Dials/Digits**
- **Multiplication Factor**
- Pulse Value
- **Meter Asset Status code**
- MASC effective date
- **Payment Method**
- **Units of measure**
- **Product Identifier**
- **Reading Factor**
- AMR Indicator

## Converter Details

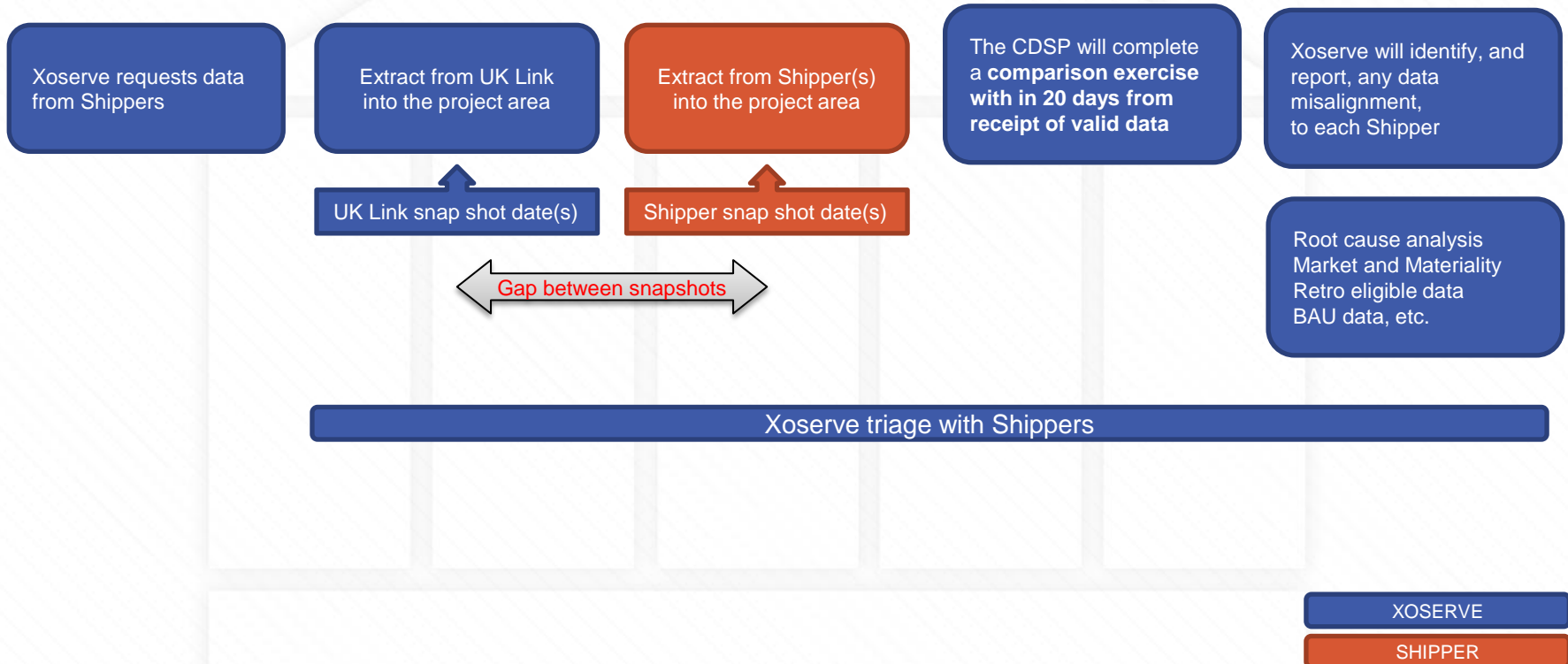
- **Converter Serial Number(min)**
- **Model Code**
- **Manufacturer Code & Organisation identifier**
- Year of Manufacture
- **Number of Dials/Digits (converted)**
- **Number of Dials/Digits (Unconverted)**
- **Multiplication Factor**
- **Converter Conversion Factor**
- **Conversion Basis Code**
- **Converter Asset Status Code**
  - CASC Effective date
- **Reading Factor (Converted and Unconverted)**

## Reading Details

- **Reading Index (Meter)**
- **Round the Clock (RTC) (Meter)**
- **Reading Index (Converted Converter)**
- **Round the Clock (RTC) (Converted)**
- **Reading Index (Unconverted Converter)**
- **Round the Clock (RTC) (Unconverted)**
- Current Non-Opening Reading (Cyclic
- **Last Read Date**
- **Last Read Type**

Minimum – MPRN, msn, short code  
Optimum – Minimum + Bold ones  
Sub Optimum- Minimum + Any  
Premium – Optimum + Any

# 5f. Proof of Concept Overview



## Proof of Concept - Capabilities and Requirements

Data Items Agreed  
Optimum, Sub Optimum  
Premium

Store the Data received  
from Shipper in the  
project area

Capability to compare –  
data item level

Receive the Data from  
Shipper in different  
intervals  
Snapshot Date

Store the Data received  
from UK Link in the  
project area  
UK Link Snapshot Date

Findings mismatches at  
Data item level

Send an  
acknowledgment to  
Shipper

Validation  
Ownership Check (1)  
MPRN, Shipper code, msn  
recognisable with UK link (2)

Reporting on Findings  
Store, Share, Security

Root cause analysis for  
data mismatch

Reporting

Capability to Share the  
findings

Findings for market &  
materiality  
Impact to bill, etc.

## Design

Agreed File format with  
validation

Flexible mechanism to  
receive the data

Data Security  
Transit, rest

Volumes

Reporting  
Provide dynamic views of  
underlying data

Combination data  
comparison rules

Stage II

## 5f. Decision Point

Approved	
Proof of Concept – Functional Requirements	<input type="checkbox"/>
Proof of Concept – Non-Functional Requirements	<input type="checkbox"/>

## 5f. Next Steps

	By
Detailed requirement workshops to draft business rules to help derive the meaning of the data mismatches	31 <sup>st</sup> July
Continue engagement with 3 <sup>rd</sup> parties for the Request for Quotation (RFQ) and receive responses	26 <sup>th</sup> July
Prepare assessment criteria Review and assess responses from RFQ; including review from Solution Architect	9 <sup>th</sup> August
Identify an internal recommendation and take to DSG	19 <sup>th</sup> August

We're starting Customer Engagement to understand who will work with us



## **6. New Change Proposals For Ratification of the Prioritisation Scores**

## 6. New Change Proposals For Ratification of the Prioritisation Scores

- 6a. XRN4978 - Notification of Rolling AQ value (following transfer of ownership between M-5 and M)


## 6a. XRN4978 - Notification of Rolling AQ value (following transfer of ownership between M-5 and M)

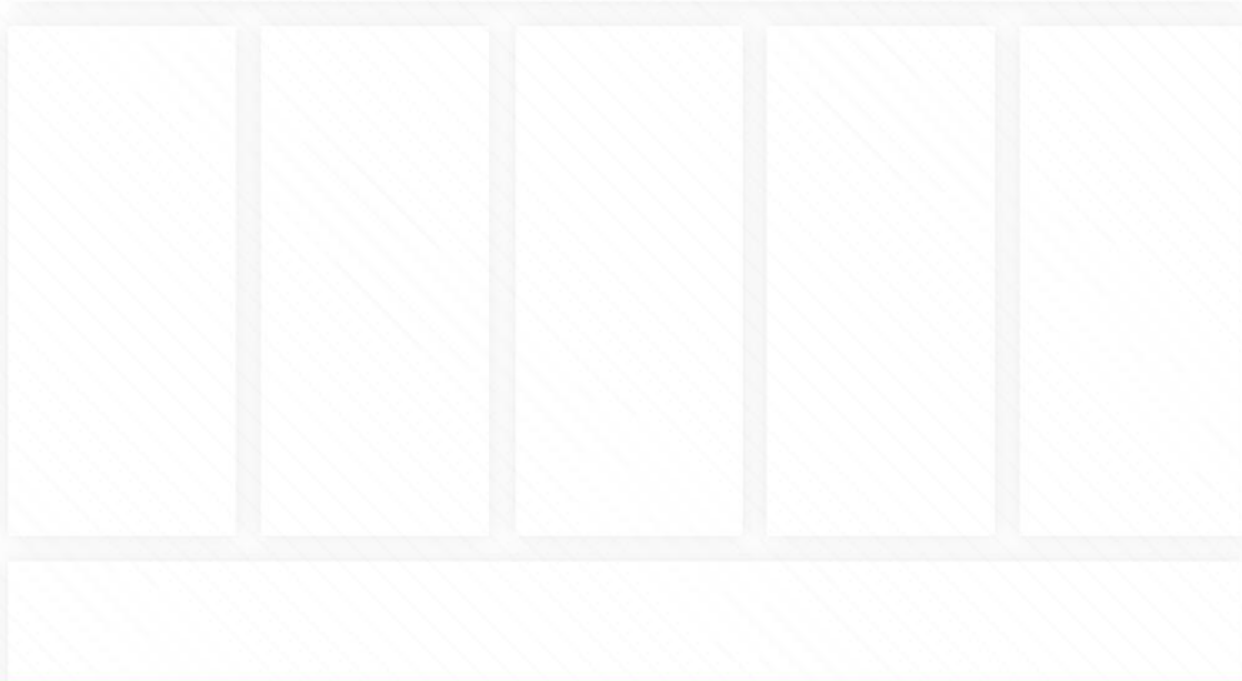
- CP on [Xoserve.com](https://xoserve.com).



## **7. Change Proposal Initial View Representations**

## 7. Change Proposal Initial View Representations

- None for this month






## **8. Undergoing Solution Options Impact Assessment Review**

## 8. Undergoing Solution Options Impact Assessment Review

- None for this month




## **9. Solution Options Impact Assessment Review Completed**

## 9. Solution Options Impact Assessment Review Completed

- 9a. XRN4850 - Notification of Customer contact details to Transporters
- 9b. XRN4871 - Modification 0665 - Changes To Ratchet Regime
- 9c. 4888 - Removing Duplicate Address Update Validation for IGT Supply Meter Points via Contact Management Service (CMS)

# 9a. XRN4850 - Notification of Customer contact details to Transporters

## Change Overview

### XRN4850 – Notification of Customer contact details to Transporters

This change seeks to make it mandatory for gas Suppliers to transfer customer name and contact information, subject to obtaining informed consent if required, to Xoserve to host in a secure area in order for Gas Distribution Networks (GDNs) and Independent Gas Transporters (IGTs) to proactively communicate information relating to the disruption of customer's gas supplies. The agreed use cases are:

- Unplanned interruptions including purge and relights;
- Planned interruptions including reinstatement of ground (e.g. mains replacement);
- Gas Safety Regulation (GSR) cut-offs;
- Appointments for Multiple Occupancy Buildings (e.g. riser replacement), and;
- Guaranteed Standards of Performance compensation payments.

### Solution Options

1

Receive End Consumer data using existing record type.

2

Receive End Consumer data using the new record type.

# 9a. Option 1 - High Level Impact Assessment

1

## 1. Receive End Consumer data using existing record type

The below changes are required to be made:

**SAP ISU:** Below are the list of changes in UK Link:

- End Consumer information needs to be stored in UK Link from the inbound flow using S66 segment of CNF and S82 segment of CNC. Shippers will be able to modify and the End Consumer details as well. All the details need to be deleted on the Change of Shipper and Supplier event. If the End Consumer doesn't want to avail this functionality; the Shipper can also update UK Link using the above flows.
- New Table needs to be created to store the trigger to issue the broadcast message. This trigger from GDNs and IGTs will contain the message, date and time to be broadcasted and method of communication (via email or SMS).
- Permission matrix needs to be created in the system to check the relationship between GDNs and IGTs. The liable GDN should be able to issue the notification on the respective IGTs portfolio.
- New interface from the SMS service provider to receive the 'STOP' message from End Consumer; post this the consumer will not receive any broadcast message for that use case 'incident'.
- Super Users need to be stored in the UK Link which will be authorized to create the trigger for broadcast message. Separate list needs to be maintained for Broadcast and Extract functionality.
- Message needs to be sent to the impacted End Consumers in the GDNs or IGTs portfolio. Any message deliver failure needs to be reported via Service Ticket. (this will be automated). The name of the End consumer needs to present while sending the message.
- A reports needs to be developed which will be executed on ad hoc basis by Business Users manually:
  1. To display the count and instances details of usage of the Broadcast Service.
  2. To display the count and instances details of usage of the Extract Service.

**Portal:** Below are the list of changes in UK Link:

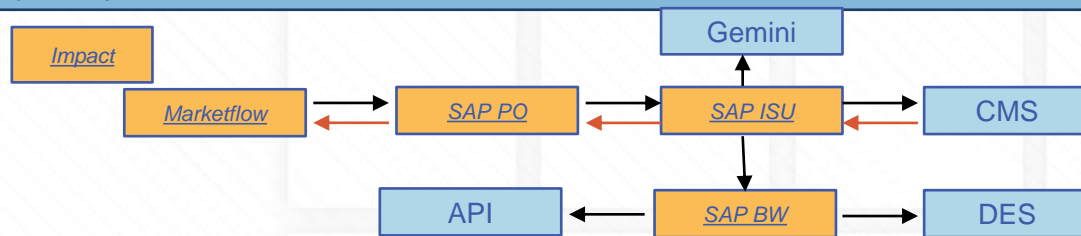
- New screen to be created in order to create the trigger by GDN and IGT Super Users. A proxy needs to be developed to check for the Super Users maintained in ISU are trying to create the trigger only; if any other user is trying to create the trigger; the request needs to be rejected by displaying an error message "**You do not have authorization**". Another proxy needs to be created with the response to update UK Link with the trigger details. A drop down will be created with approved 5 Use Cases; which will be mandatory item for the Super Users to create the trigger.
- New screen to be created in order to extract the MPRNs which have been broadcasted the message due to the trigger created by the GDN and IGT Super Users (if any other user is trying to create the trigger; the request needs to be rejected by displaying an error message "**You do not have authorization**"). A proxy needs to be created with the response to extract the MPRNs under the GTs portfolio. GTs will be able to download the list from Portal itself. This proxy will update UK Link also regarding the usage of the extract functionality. This screen will also have a drop down will be created with approved 5 Use Cases. If the GDNs or IGTs are not able to extract the MPRN list; relevant message needs to be displayed on the Portal Screen.

**SAP PO:** 6 New proxies needs to be build to support the data flow from UK Link to Portal. File Format changes also need to be catered in SAP PO.

**Market Flow:** File Format changes also need to be catered in SAP PO.

**SAP BW:** BP information needs to be stored in SAP BW.

### Impacted Systems



### Assumptions

- Market Trials and SMS service Provider costs are not considered.
- Performance testing is required.
- DES and BW Report changes are out of scope.
- Opt-Out End Consumers will not receive the messages.
- After the implementation of the change; Shippers will update UK Link using the BAU process.
- Migration is not in scope of the XRN.
- File format changes are anticipated.
- End consumer details will be received from Shippers.
- Super Users and the Permission matrix will be a one time activity during cutover; post that will be managed by Business Users.

### Overall Impact

High

### Release Type

Major

### High Level Cost Estimate

60,000 - 70,000 GBP

## 9a. Option 1 - System Impact Assessment

1

	Reports	Interface	Conversion	Enhancements	Forms	Workflow	Data Migration
<b>System Component:</b>	SAP ISU	SAP ISU/SAP PO/AMT		SAP ISU/ Portal/ SAP BW			
<b>Impacted Process Areas:</b>	SPA	SPA		SPA			
<b>Complexity Level (per RICEFW item):</b>	Medium	Medium		High			
<b>Change Description:</b>	New report to be created to display the usage of Broadcast and Extract function	<ul style="list-style-type: none"> <li>CNC and CNF code changes to cater the new data items</li> <li>6 New Interface needs to developed to display data in Portal</li> <li>Storage to be created for Permission matrix, Super Users(separate for Extract and Broadcast) and triggers for Broadcast and Extract.</li> <li>New interface from the SMS service provider to receive the 'STOP' message from End Consumer</li> </ul>		<ul style="list-style-type: none"> <li>BP needs to be enhanced to store the data items.</li> <li>2 new screens to be created in portal.</li> <li>Broadcast of the message.</li> <li>BW changes to be made to store the additional data items.</li> </ul>			

	ISU	BW	PO / Marketflow	DES/Portal	CMS	AMT	API
<b>Test Data Prep Complexity:</b>	Medium	Medium	Medium	Medium		Low	
<b>Unit and Sys Test Complexity:</b>	Medium	Medium	Medium	Medium		Low	
<b>Pen Test Impact:</b>	N	N	N	N		N	
<b>Regression Testing Coverage:</b>	Medium	Low	Medium	Medium		Low	
<b>Performance Test Impact:</b>	Y	N	Y	Y		N	
<b>Market Trials:</b>	Y	N	Y	Y		Y	
<b>UAT Complexity:</b>	Medium	Medium	Medium	Medium		Low	

## 9a. Option 1 - Process Impact Assessment

1

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

## 9a. Option 2 - High Level Impact Assessment

### 2. Receive End Consumer data using the new record type

The below changes are required to be made:

**SAP ISU:** Below are the list of changes in UK Link:

- End Consumer information needs to be stored in UK Link from the inbound flow using new segment in CNF and CNC. Shippers will be able to modify and end the consumer details as well. All the details need to be deleted on the Change of Shipper and Supplier event. If the End Consumer doesn't want to avail this functionality("Opt Out"); they can also update UK Link using the above flows.
- New Table needs to be created to store the trigger to issue the broadcast message. This trigger from GDNs and IGTs will contain the message, date and time to be broadcasted and method of communication (via email or SMS).
- Permission matrix needs to be created in the system to check the relationship between GDNs and IGTs. The liable GDN should be able to issue the notification on the respective IGTs portfolio.
- New interface from the SMS service provider to receive the 'STOP' message from End Consumer; post this the consumer will not receive any broadcast message for that use case 'incident'.
- Super Users need to be stored in the UK Link which will be authorized to create the trigger for broadcast message. Separate list needs to be maintained for Broadcast and Extract functionality.
- Message needs to be sent to the impacted End Consumers in the GDNs or IGTs portfolio. Any message deliver failure needs to be reported via Service Ticket. (this will be automated). The name of the End consumer needs to present while sending the message.
- A reports needs to be developed which will be executed on ad hoc basis by Business Users manually:
  1. To display the count and instances details of usage of the Broadcast Service.
  2. To display the count and instances details of usage of the Extract Service.

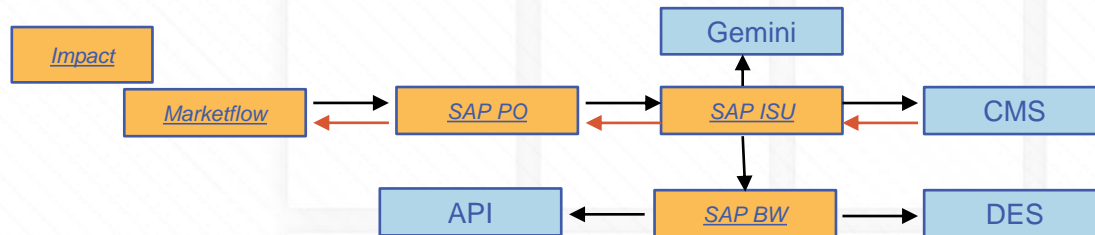
**Portal:** Below are the list of changes in UK Link:

- New screen to be created in order to create the trigger by GDN and IGT Super Users. A proxy needs to be developed to check for the Super Users maintained in ISU are trying to create the trigger only; if any other user is trying to create the trigger; the request needs to be rejected by displaying an error message "**You do not have authorization**". Another proxy needs to be created with the response to update UK Link with the trigger details. A drop down will be created with approved 5 Use Cases; which will be mandatory item for the Super Users to create the trigger.
- New screen to be created in order to extract the MPRNs which have been broadcasted the message due to the trigger created by the GDN and IGT Super Users (if any other user is trying to create the trigger; the request needs to be rejected by displaying an error message "**You do not have authorization**"). A proxy needs to be created with the response to extract the MPRNs under the GTs portfolio. GTs will be able to download the list from Portal itself. This proxy will update UK Link also regarding the usage of the extract functionality. This screen will also have a drop down will be created with approved 5 Use Cases. If the GDNs or IGTs are not able to extract the MPRN list; relevant message needs to be displayed on the Portal Screen.

**SAP PO:** 6 New proxies needs to be build to support the data flow from UK Link to Portal. File Format changes also need to be catered in SAP PO.

**Market Flow:** File Format changes also need to be catered in SAP PO.

#### Impacted Systems



#### Assumptions

- Market Trials and SMS service Provider costs are not considered.
- Performance testing is required.
- DES and BW Report changes are out of scope.
- Opt-Out End Consumers will not receive the messages.
- After the implementation of the change; Shippers will update UK Link using the BAU process.
- Migration is not in scope of the XRN.
- File format changes are anticipated.
- End consumer details will be received from Shippers.
- Super Users and the Permission matrix will be a one time activity during cutover; post that will be managed by Business Users.

#### Overall Impact

High

#### Release Type

Major

#### High Level Cost Estimate

65,000 - 75,000 GBP

## 9a. Option 2 - System Impact Assessment

2

	Reports	Interface	Conversion	Enhancements	Forms	Workflow	Data Migration
<b>System Component:</b>	SAP ISU	SAP ISU/SAP PO/AMT		SAP ISU/ Portal/ SAP BW			
<b>Impacted Process Areas:</b>	SPA	SPA		SPA			
<b>Complexity Level (per RICEFW item):</b>	Medium	Medium		High			
<b>Change Description:</b>	New report to be created to display the usage of Broadcast and Extract function	<ul style="list-style-type: none"> <li>CNC and CNF code changes to cater the new segment.</li> <li>6 New Interface needs to developed to display data in Portal</li> <li>Storage to be created for Permission matrix, Super Users(separate for Extract and Broadcast) and triggers for Broadcast and Extract.</li> <li>New interface from the SMS service provider to receive the 'STOP' message from End Consumer</li> </ul>		<ul style="list-style-type: none"> <li>BP needs to be enhanced to store the data items.</li> <li>2 new screens to be created in portal.</li> <li>Broadcast of the message.</li> <li>BW changes to be made to store the additional data items.</li> </ul>			

	ISU	BW	PO / Marketflow	DES/Portal	CMS	AMT	API
<b>Test Data Prep Complexity:</b>	Medium	Medium	Medium	Medium		Medium	
<b>Unit and Sys Test Complexity:</b>	Medium	Medium	Medium	Medium		Low	
<b>Pen Test Impact:</b>	N	N	N	N		N	
<b>Regression Testing Coverage:</b>	Medium	Low	Medium	Medium		Medium	
<b>Performance Test Impact:</b>	Y	N	Y	Y		N	
<b>Market Trials:</b>	Y	N	Y	Y		Y	
<b>UAT Complexity:</b>	Medium	Medium	Medium	Medium		Medium	

## 9a. Option 2 - Process Impact Assessment

2

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

## 9b. XRN4871 - Modification 0665 - Changes To Ratchet Regime

# Change Overview

### XRN 4871 – UNC Modification 0665 – Changes to Ratchet Regime

UNC Modification 0665 has been raised by Gazprom and is expected to be implemented prior to 1st October 2019. It has two purposes (extract from 'Purpose of Modification'):

- It introduces a new Ratchet Charging Arrangement for Class 2 Supply Meter Points and retains the existing Ratchet Charging Arrangement but applies that only to Class 1 Supply Meter Points ,
- It requires Transporters to identify Supply Points that should, in addition to mandatory Class 1 Supply Points, be subject to the existing Ratchet Charging Arrangement and therefore need to be reclassified as Class 1 by the Registered User. For the avoidance of doubt NTS Supply Points are excluded from the scope of this Modification.

### Solution Options

1

**Revised Ratchet Regime being applicable to Class 2 SMPs.**

# 9b. Option 1 - High Level Impact Assessment

1

## 1- Revised Ratchet Regime being applicable to Class 2 SMPs

As part of the Revised Ratchet Regime; below changes are required to be made:

**SAP ISU:** Below are the list of changes in UK Link:

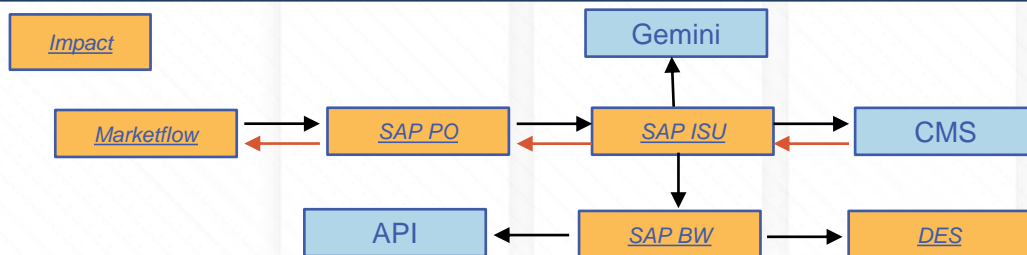
- RAT and PRN files: LDZ Exit Capacity Charge (ECN) equivalent charge needs to be added in the PRN and RAT files as a new item.
- Forced Class Change: If the shipper is not changing the class of the site within 20 SPSBDs; it will be forced to move the site to Class one via the system generated SPC file. This will be created with the effective date of +5 BDs from the system date.
- Whenever the site is marked to Network designated; all the existing offers for a Non- Class 1 nomination should be cancelled and trigger information to Shippers about offer invalidation.
- New Charge Calculation Regime for Class 2 SMPs: New charge calculation regime needs to be built for the Non-Network Designated Class 2 sites. LDZ Capacity (SRA), Customer Capacity (ZRA) and LDZ Exit Capacity NTS (ECN) charges to be included. Multiple ratchets should be possible within a month with the higher getting precedence in billing quantity calculation. Ratchet premium value to be updated to 1 for the new regime unlike '2' for the current regime. Invoice to charge mapping needs to be updated since a new charge will be added.
- Network Designated sites should be forced to current Class 1 ratchet regime.
- A new report needs to be built to sent the information to all the GTs regarding the newly confirmed sites which have an AQ 7,320,000 kWh per annum.
- A new report needs to be built for Xoserve Business Users to extract the information about the MPRNs which have been Network Designated in order to inform the Shippers to change the class. The details will be; Shipper, Supplier, Shipper EFD, Confirmation Status(RQ,CO OR LI), MPRN, AQ, Current Class (i.e. <>1), Prospective SPCs to Class Change / CNFs to Class Change, Network Id (NB: this is to be able to notify the DMSP).

**SAP BW:** ND Flag needs to be extracted and stored at site level. Changes to be made in extraction jobs as well.

**DES:** MPRNs with ND Flag should be visible on the DES screen.

**SAP PO and Marketflow:** File format changes of RAT and PRN needs to be catered.

### Impacted Systems



### Assumptions

- Market Trials costs are not considered.
- No changes in terms of file formats anticipated in CAZ and ZCS.
- Class 1 ratchet charging regime remain as is.
- Class 1 and NTS Sites are not impacted.
- Networks will notify CDSP via offline communication about the MPRNs which needs to be marked Network Designated sites.
- Xoserve will notify Shippers (RQ, CO and LI) via e-mail of the Network Designated sites.
- BW Report changes are out of scope.
- PMSOQ and CYMSOQ calculation has no impacts.
- EWS, EDL, EQL, IQL and IDL files are out of scope.
- Frequency for the report built for internal Business users will be Adhoc.

### Overall Impact

Medium

### Release Type

Major

### High Level Cost Estimate

55,000 – 85, 000 GBP

# 9b. Option 1 - System Impact Assessment

1

	Reports	Interface	Conversion	Enhancements	Forms	Workflow	Data Migration
<b>System Component:</b>	SAP ISU/SAP PO/AMT	SAP ISU/SAP PO/AMT		SAP BW/DES			
<b>Impacted Process Areas:</b>	SPA	SPA/Metering/Billing		SPA			
<b>Complexity Level (per RICEFW item):</b>	Low	Medium		Low			
<b>Change Description:</b>	<ul style="list-style-type: none"> <li>A new report needs to be built to sent the information to all the GTs regarding the newly confirmed sites.</li> <li>A new report needs to be built for internal Business users in order to notify the Shippers for ND sites.</li> </ul>	<ul style="list-style-type: none"> <li>Forced Class change for the sites to Class1.</li> <li>Changes in RAT and PRN files to send and add the ECN Charge.</li> <li>Changing the charge calculation for Non-ND Class 2 sites</li> <li>Offer invalidation needs to be done and trigger information to Shippers.</li> </ul>		ND Flag needs to be stored in BW.			

	ISU	PO / Marketflow	DES	SAP BW	CMS	AMT	API
<b>Test Data Prep Complexity:</b>	Low	Low	Low	Low			
<b>Unit and Sys Test Complexity:</b>	Low	Low	Low	Low			
<b>Pen Test Impact:</b>	N	N	N	N			
<b>Regression Testing Coverage:</b>	Medium	Low	Low	Low			
<b>Performance Test Impact:</b>	N	N	N	N			
<b>Market Trials:</b>	N	N	N	N			
<b>UAT Complexity:</b>	Medium	Low	Low	Low			

# 9b. Option 1 - Process Impact Assessment

1

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

## 9b. DSG views requested on Offer Cancellations

- For Part B, the Transporters have indicated they are comfortable with the CDSP cancelling offers where a site has been network designated and the offer is for anything other than Class 1.
- In order to accommodate this, we require a mechanism for the CDSP to notify the Users that the offer has been cancelled.
- Currently this notification can be sent via the following methods;
  - Meter Point Status – MPE file (within the S31 INVALID OFFER DETAILS)
  - Where there is a Ratchet - RAT file (within the S31 INVALID OFFER DETAILS)
  - Exit zone change- EXZ file (within the S31 INVALID OFFER DETAILS)
- The first option seems the most logical as the other two are related to a specific event occurring (Ratchet and Exit Zone change)
- With any of these options, it is worth noting that Users will just receive the S31 record and will not be notified explicitly that the cancellation has occurred because the site is network designated. We are proposing not to amend the S31 record.
- Note that within Part B there is a requirement for the network designation flag to be visible to Users within DES.
- Views are being requested from DSG on the preferred mechanism.

## 9c. 4888 - Removing Duplicate Address Update Validation for IGT Supply Meter Points via Contact Management Service (CMS)

### Change Overview

#### **XRN4888 - Removing Duplicate Address Update Validation for IGT Supply Meter Points via Contact Management Service (CMS)**

The current duplicate address validation performed within Contact Management Service (CMS) was not designed with a full understanding of IGT address management processes, particularly those associated to the new housing development market. IGTs are therefore seeking to remove the duplicate validations performed on address updates, in order to ensure address changes to IGT Supply Meter Points can be made within UK Link systems, as and when housing development plans are updated.

As part of this change enduring reports and management information (MI) will need to be developed and implemented. Reports will need to provide detail of the address amendments that have resulted in a duplicate addresses being created in UK Link systems. Reports are proposed to be issued to IGTs, who in turn will be responsible to investigate and take the relevant course of action. Management Information should also be created to demonstrate whether improvements are being made to Supply Meter Point address data quality, and to quantify whether further improvements can be made to the process.

#### **Solution Options**

1

**Remove the duplicate address validation and build new reports**

# 9c. Option 1 - High Level Impact Assessment

1

## 1- Remove the duplicate address validation and build new reports

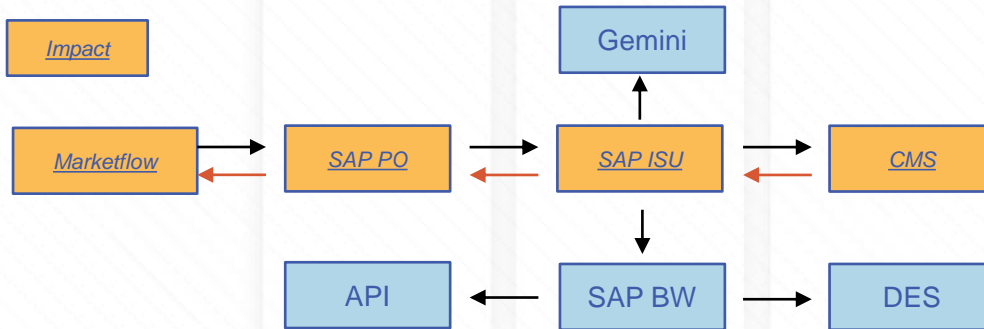
As part of this change, below changes are anticipated in the systems:

**CMS:** Remove the validation for only iGTs regarding duplicate address. After this change, iGTs should be able to update multiple MPRNs with the same address details.

**SAP ISU:** A new report is required to be developed in order to notify the iGTs for the duplicate address created. This will be shared on daily and monthly basis. Daily report will let them know about the duplicate addresses created on that day. Monthly report will highlight the detail (including age) of all the outstanding duplicate addresses created. The report will be at the organization level. New Batch jobs will be introduced for the new report.

**SAP PO and Marketflow:** A new report needs to be developed and configured in SAP PO and AMT in order to send directly to iGTs.

### Impacted Systems



### Assumptions

- Market Trials costs are not considered.
- Batch job configuration in Control M cost is not considered.
- Performance Testing will be required for the new reports.
- New File Format needs to be finalized for the report to be delivered to iGTs in order to notify about the duplicate addresses created.
- No data migration or cleansing activities are required.
- UK Link address update screen(ZSMP) and PAF updates will not be impacted.
- GT updates remain As Is i.e. duplicate address will be validated and rejected for GTs sites.

### Overall Impact

Low

### Release Type

Major

### High Level Cost Estimate

10,000 - 20,000 GBP

# 9c. Option 1 - System Impact Assessment

1

	Reports	Interface	Conversion	Enhancements	Forms	Workflow	Data Migration
System Component:	SAP ISU/SAP PO/AMT	CMS					
Impacted Process Areas:	SPA	SPA					
Complexity Level (per RICEFW item):	Low	Low					
Change Description:	<ul style="list-style-type: none"> <li>New reports to be developed to sent the duplicate addresses on daily and monthly basis to iGTs regarding the MPRNs in their portfolio.</li> </ul>	<ul style="list-style-type: none"> <li>Validation needs to be removed for duplicate address.</li> </ul>					

	ISU	BW	PO / Marketflow	DES	CMS	AMT	API
Test Data Prep Complexity:	Low		Low		Low	Low	
Unit and Sys Test Complexity:	Low		Low		Low	Low	
Pen Test Impact:	N		N		N	N	
Regression Testing Coverage:	Low		Low		Low	Low	
Performance Test Impact:	Y		N		N	N	
Market Trials:	N		N		N	N	
UAT Complexity:	Low		Low		Low	Low	

# 9c. Option 1 - Process Impact Assessment

1

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



## 10. Miscellaneous

## 10. Miscellaneous

- 10a. Report Review Update
- 10b. File Format Correction (JOB/UPD)
- 10c. Shipper Pack/PARR Reporting Update

## 10a. Report Review Update

- Verbal Update to be provided by Charlie Haley


## 10b. File Format Correction (JOB/UPD)

- Verbal update to be provided by Megan Troth

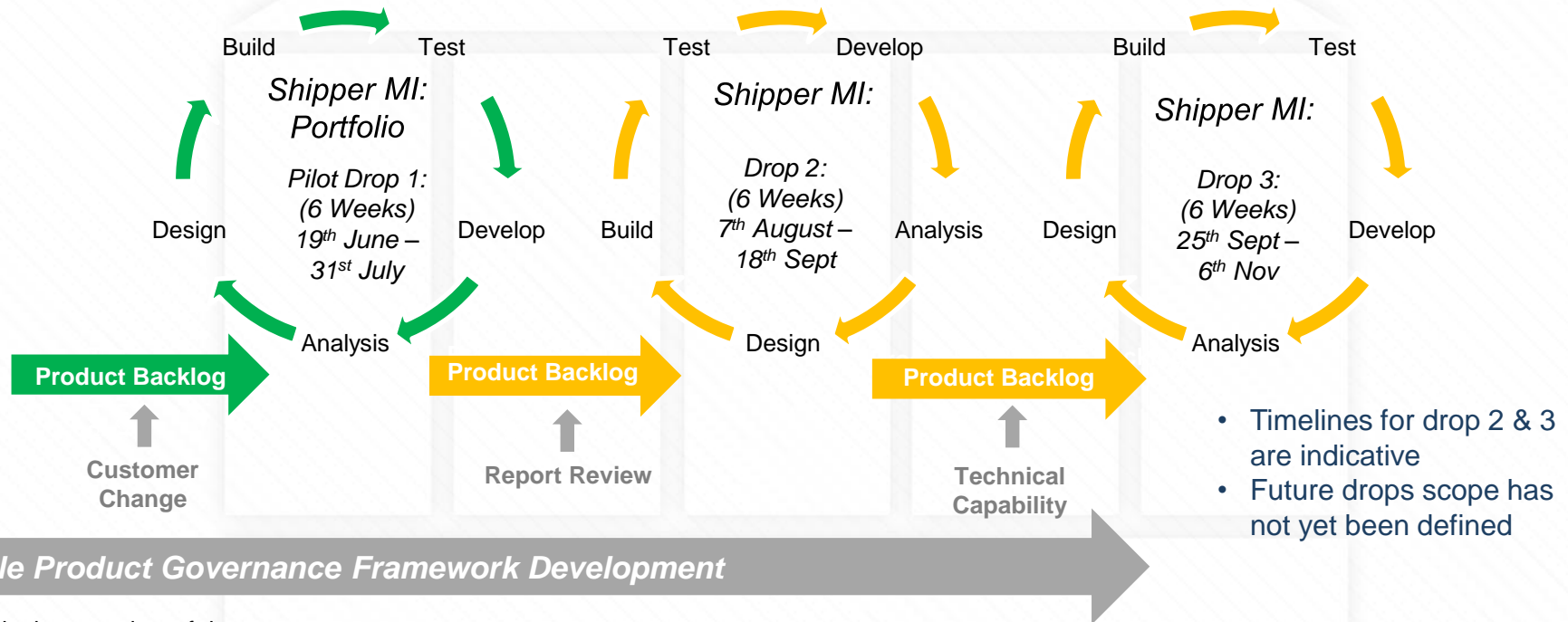

## 10c. Shipper Pack/PARR Reporting Update - Agenda

- Update on the Shipper MI
  - Delivery Approach
  - Drop 1, Portfolio Data scope
- Shipper Pack / PARR report Alignment
  - Approval of the approach by Change Management
  - Approval to change the Shipper Pack to align to the PARR report

# Product Delivery & Structure - Agile Product Approach

An agile approach to product development is being piloted.

This package has been selected based on an historical & current view of Customer Change, consultations with Customer Advocates, the requirements for Shipper Packs & PARR.



RAG depicts certainty of drop content

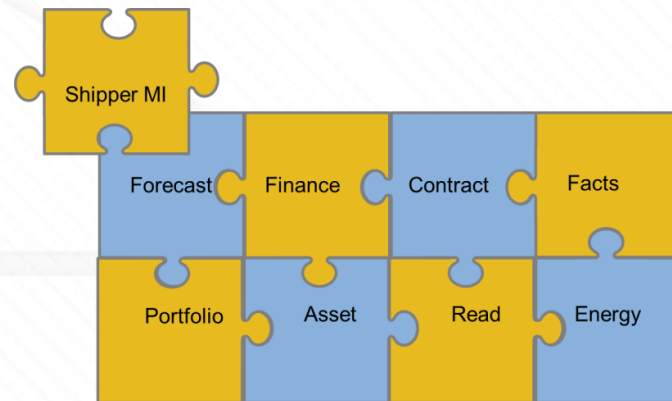
# Product Delivery & Structure - Shipper MI – Portfolio Data Package (Pilot)

## What do we deliver:

- An online portal for Shippers to access Portfolio data
- Pre-defined set of dashboards
- Establishes a framework for future agile deliveries (completion in Drop 2)
- Delivers 29% of Xoserve data into the Data Discovery Platform (DDP)

## Shippers Can:

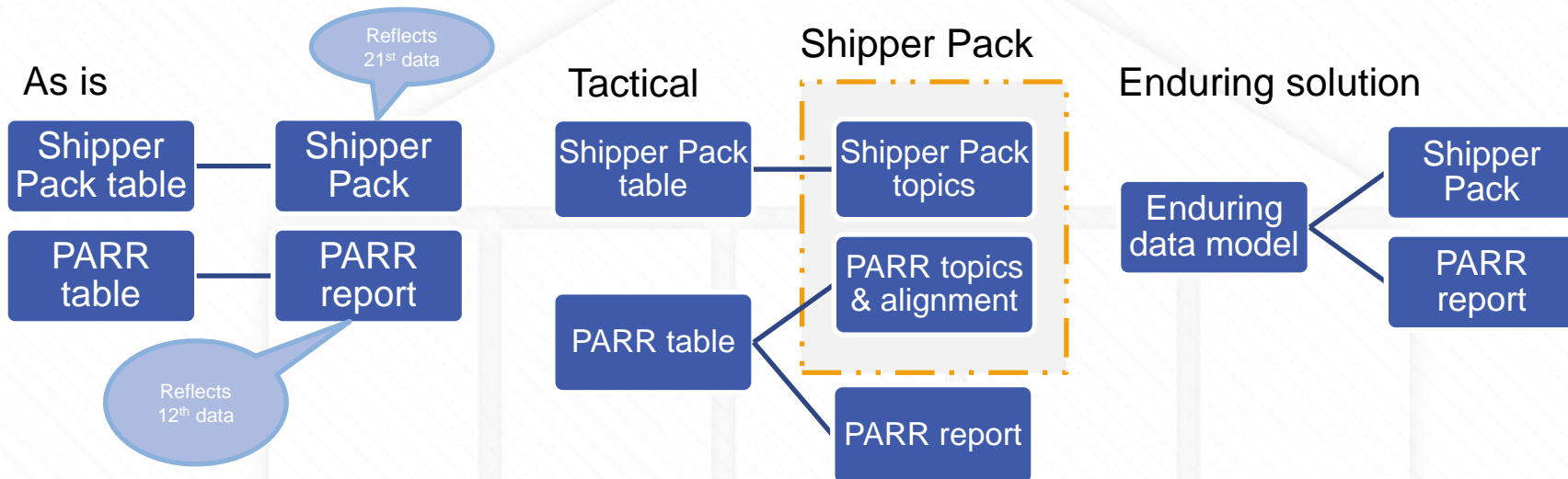
- Access MPRN Portfolio Data via an online portal
- Gain insight from predefined dashboards to support in meeting industry obligations including:
  - Meter Status
  - Meter Point Status
  - No Reads (Class 4)
  - Blank MAM's
  - Dead report
  - Portfolio AQ / SOQ
  - Portfolio count
- Portfolio data availability increased from monthly to daily
- Track portfolio performance via trend analysis of GT/IGT, Network, Class, etc.



## Approach:

- Shipper MI is an Agile pilot, drop 1 timelines will not move but scope may change
- Anything not delivered will go back into the product backlog and considered for future releases

# Existing Shipper Pack / PARR report alignment



- Currently the existing Shipper Pack and PARR are not aligned e.g. split by class / reflecting different dates etc.

## Next Steps:

- Approval of the approach at Change Management - July 2019
- Approval from Change Management to align the reports – July 2019
- Align the run times to 12<sup>th</sup> of the month
- Topics which are in both reports will be aligned and pulled from one data source (please refer to the appendix for more details)
- Include PARR topics into the existing Shipper Pack (consistency)
- Drop 2 scope to be confirmed once Drop 1 pilot has been delivered

## APPENDIX: Shipper Pack / PARR report alignment detail

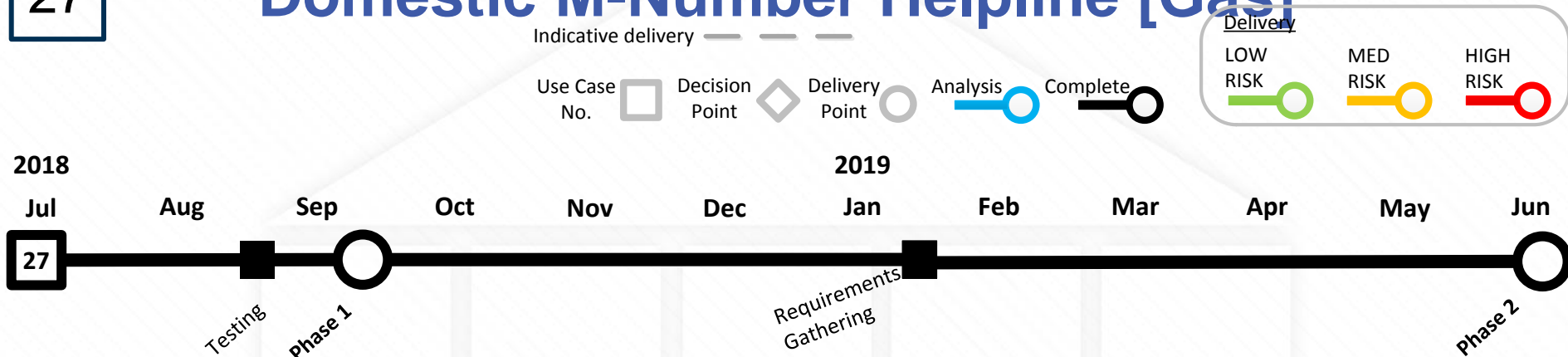
PARR Topic	Shipper Performance Pack Topic	Shipper Pack report changes
No Meter Recorded in Supply Point (SP) register	Confirmed No Asset	Align this topic from the PARR table & split by class
No Meter Recorded in SP and dataflow	NA	Include PARR topic within the Shipper Pack & split by class
No Read for 1,2,3 or 4	No Reads	Align the topic from the PARR table and show actual count.
Standard Correction Factors	Potentially Incorrect Correction Factors	PARR topic replaces Shipper Pack topic
Estimated & Check Reads	NA	Include PARR topic within the Shipper Pack (split by class)
Shipper Transfer Read Performance	NA	Include PARR topic within the Shipper Pack (split by class)
Read Performance	NA	Include PARR topic within the Shipper Pack (split by class)
Meter Read Validity Monitoring	NA	Include PARR topic within the Shipper Pack
AQ Correction by Reason Code	NA	Include PARR topic within the Shipper Pack
Replaced Meter Reads	NA	Include PARR topic within the Shipper Pack

**\*\*Topics marked in red can be supported with low level information for Shippers\*\***



## 11. JMDG Update

# Domestic M-Number Helpline [Gas]



## Use case overview

- Replace the existing method of providing this service with an online solution
- 500k calls per year, used by domestic consumers

## JMDG progression

Assessed, prioritised and requested project team to provide solution.

## Solution overview

**Phase 1** – Web Portal has been delivered to gas consumers. Consumers can obtain MPRN, Gas Supplier and Transporter name

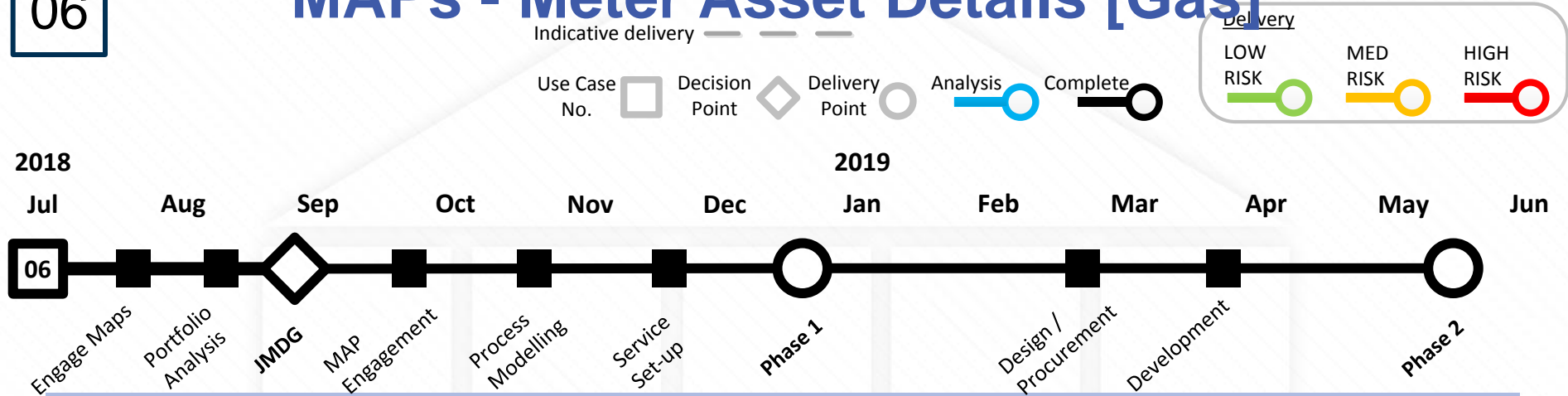
**Phase 2** –Enhancement to Web Portal. Key updates include fuzzy matching on searches, more searchable fields and inclusion unregistered sites.

## Plan

Phase 1 was delivered in September 2018. Phase 2 has commenced and is on track to launch on 21st June 2019

Phase 2 was delivered in June 2019. Phase 2 provided enhancements to search and address matching functionality

# MAPs - Meter Asset Details [Gas]



## Use case overview

- Meter asset data on UK Link is not correctly maintained by industry participants
- A reporting service will be provided to compare the MAM / MAP meter point reference number and meter serial number to that held on UK Link

## JMDG progression

Assessed, prioritised, requested project team to analyse requirements with MAPs

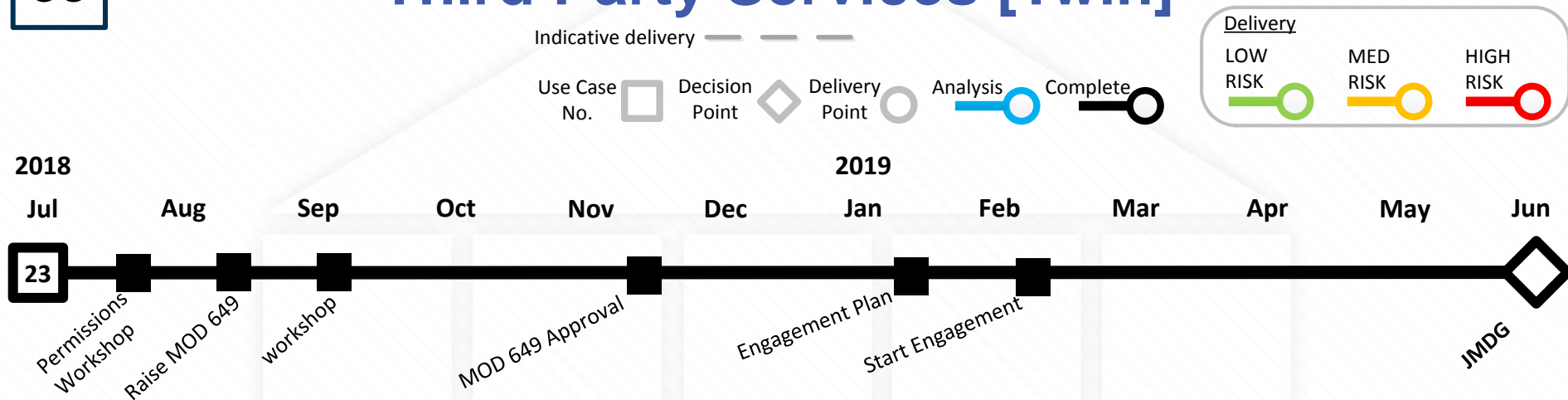
## Solution overview

**Phase 1** – MAPs to UKLink meter asset comparison service (Dec '18) - Completed

**Phase 2** – MAP to MAP meter asset comparison service (May '19) – Completed

**Phase 3** – Introduction of MAP ID into UKLink (CSSC) – Enduring solution (TBC – would be linked to a UKLink Release schedule)

# Third Party Services [Twin]



## Use case overview

- Provide data services to Third Parties

## JMDG progression

Assessed, prioritised, requested project team to conduct initial analysis

## Overview

- A gas data permissions matrix has been created detailing current industry participants permissions to data
- The data permissions matrix will help highlight potential API services. MOD 649 will help expedite the governance process to provision data new data services to industry participants while still providing a robust approval process
- MRASCo Board has been establishing precedents for third party access approach, which can supplement the gas matrix
- A Third Party industry engagement approach concluded. Use case identified for Housing Associations (Use Case 60)

# MAP API [Gas]

Indicative delivery — — —

Use Case  
No.



Decision  
Point



Delivery  
Point



Analysis



Complete



Delivery

LOW  
RISK



MED  
RISK



HIGH  
RISK



2018

Oct

Nov

Dec

2019

Jan

Feb

Mar

Apr

May

June

July

Aug

Sept



## Use case overview

- There is an opportunity to create a service where MAPs can query the current and historic Supplier ID for assets installed on a supply meter point

## JMDG progression

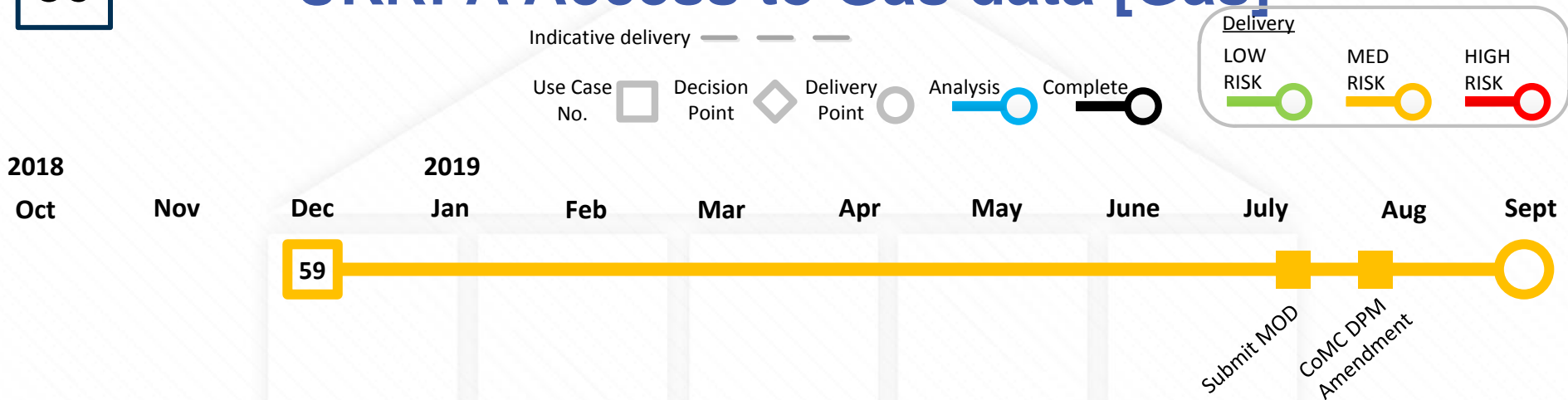
Assessed, prioritised, requested project team to move to delivery

## Overview

- Change Proposal has been raised and sponsored by Colin Blair (MPB Member)
- Project team to provide ChMC feedback to MAPs post meeting to highlight any considerations
- MOD and Data Permission Matrix (DPM) Amendment approved
- Change delivered on 28<sup>th</sup> June 2019

59

# UKRPA Access to Gas data [Gas]



## Use case overview

- There is an opportunity to create a service where MAPs can query the current and historic Supplier ID for assets installed on a meter point

## JMDG progression

Assessed, prioritised, requested project team to move to delivery

## Overview

- To ensure consistency with other related parties who have also requested access to gas data for theft investigation, Xoserve are exploring the strategic approach for this type of request



## 12. UIG Update

# Task Force Next Analysis Steps

- Xoserve will endeavour to produce a Machine Learning Video to highlight the benefits, considerations and implementation challenges of using Machine Learning algorithms to allocate NDM Energy
- We are working with our Analytics Partner to complete:
  - Rerunning the Neural Network performance comparison against the existing NDM algorithm for more recent Gas Days for EUC 01 only (propose 01/06/2018 – 31/05/2019).
  - Develop improved estimation models for EUCs 2-8 to demonstrate whether the ML benefit can be seen across the whole market.
  - Explore using the models and findings developed to date to look at building a UIG predictive model.
  - Continue modelling work, focussing on reducing modelled volatility further.

# Task Force Next Steps

- Use the UNC UIG Work Group as the mechanism to **share progress** on all recommendations where options residing with Xoserve.
- Provide updates to the “**Recommendation Tracker**” in line with UNC UIG Work Group timescales.
- **Continue analysis** on existing investigation lines, identify any **new** investigation lines & publish investigation tracker updates as required.
- **Publish any new findings/recommendations** drawn from investigation lines which are currently “work in progress” when completed.
- **Supporting MOD development** to progress all live and draft modifications.
- **Complete** complex machine learning next steps with Analytics partner & share outputs with the Industry.



## 13. CSS Update

# Switching Programme

Xoserve's detailed design phase continues, we are currently on track from our plan perspective to meet our planned completion date of September to finalise this phase.

Our build activities commenced on 20<sup>th</sup> June 2019, focussing on the consequential areas that were not dependent on the CSS physical design.

From a switching programme perspective we are currently tracking at an amber status, the reason for this status is due to the CSS physical design. Landmark have published their draft design, this draft design was walked through at the Ofgem Design Forum Monday 1<sup>st</sup> July. The design is currently now with the industry for review, any comments are being raised to Ofgem with a deadline of Monday 8<sup>th</sup> July. The design will continue to be refined with approval currently being planned for 23<sup>rd</sup> August via Switching Programme Design Authority.

Until this physical design is baselined Xoserve will continue to work at risk.

# Switching Programme

During our last CSSC DSG workgroup we introduced the subject of our consequential testing. Jo Galloway has rejoined Xoserve to lead on our test activities.

Xoserve's consequential test phase will be running in parallel with the switching programme test phases. Jo and the team are currently working up the plan and detail that will be going into this phase but has asked workgroup attendees to begin to think about testing requirements.

The programme Ofgem Testing Work Group has now held three meetings. A Core Systems and Services Integration Approach (CSSIA) document for test management has been published. The document details test activities, including:

- Test summary
- Assumption and risks
- Test Governance and reporting
- Test Phases
- Defect reporting

Review and approval of this approach will continue via this workgroup. The workgroup meet monthly and a technical test workgroup will shortly be created to begin to work up the lower level testing detail.

# Actions from last meeting

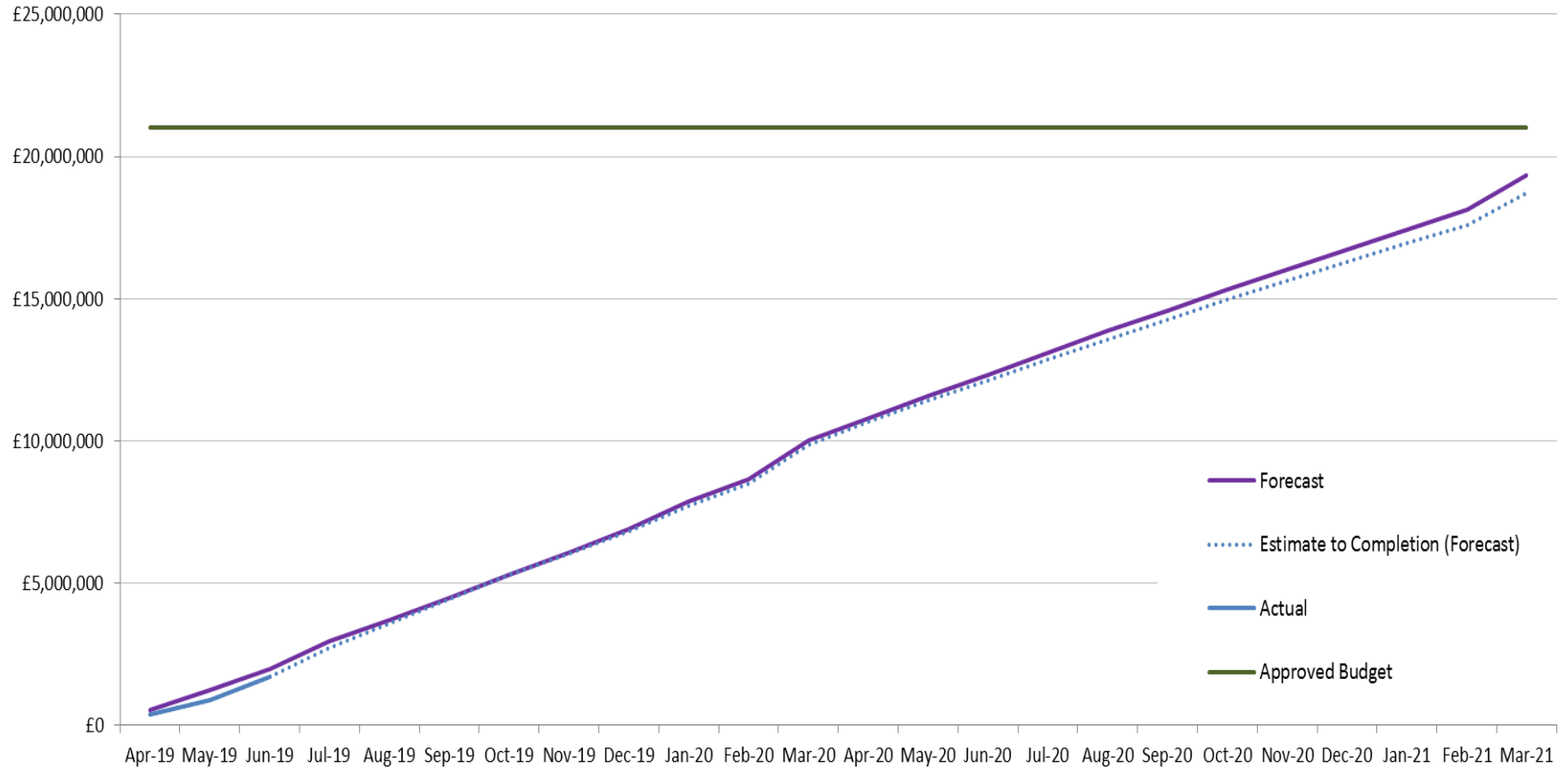
0601	12/06/19	8.0	Xoserve (EL) to provide information on the CSS Budget, spend to date and any potential requests for extra funding.	Xoserve (EL)	Pending
0602	12/06/19	8.0	Xoserve (EL) to provide an update on CSS implementation dates following Ofgem re-planning activities.	Xoserve (EL)	Pending

# CSSC Funding & Budget Position

## Action 0601

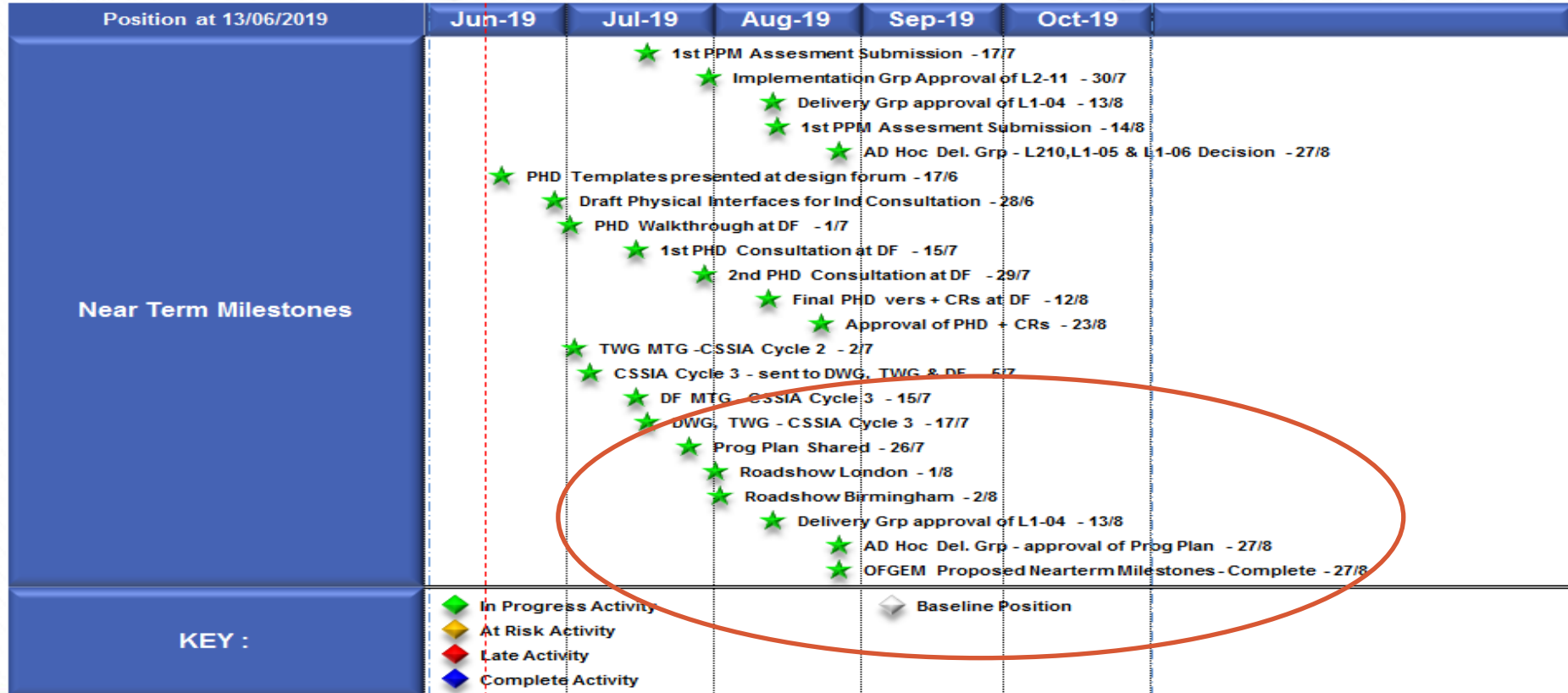
- CSSC is progressing delivery utilising the approved budget line with BP19 & BP20.
- This budget was based on a Ofgem Programme Plan with a 2020 Go-live and on Level 2 Impact Analysis as of Aug 2018.
- A reassessment of Xoserve's delivery plan and costs is planned in Sept 2019, following Xoserve Detailed Design, CSS Physical Design Baseline and Ofgem Programme Plan re-baseline activities to provide firmer delivery costs.
- The outputs of this exercise will be shared with Xoserve Board and all relevant stakeholders.
- Any revisions to the budget line as a result of this exercise will be incorporated into BP20/21 budgets via the business planning process

# Overview Of CSSC Funding



# Ofgem "Near-Term" Milestone Plan

Action 0602



# Approval requests

- Following our high level design phase we produced three external BRD's. Thank you very much, the Shipper BRD was approved a little while ago. Following industry consultation all received comments have been responded to. I would now like to request for approval for the following:
  - Network BRD
  - Gemini BRD
- As we move through our detailed design phase we are updating all BRD's. At the end of detailed design we will be following the same approval process as we have used for the high level BRD's.

# Approval requests

- Following Richard's introduction of this subject last month I would like to request ChMC approval for the following:
  - CSSC change packs to be issued separately from the BAU change packs
  - I want to be able to deliver you our design solutions as quickly as possible but ensuring you have the appropriate time along with BAU change packs to review and provide your representations. We have potential options:
    - In line with BAU schedule
    - In line with BAU schedule but giving CSS an increased response time for representation
    - CSSC change packs at fortnightly increments in between BAU packs
  - The consequential change programme has it's own XRN (master), this will be retained. Each CSSC change pack will be given an individual XRN's on issue, this will link back to the master
  - Each CSSC change pack will be titled as CSSC to ensure these are easily identifiable for you as they are released



## 14. ChMC Update

# 14. ChMC Updates – New Change Requests

Xoserve Ref No.	Change title	Next steps	Service area	DSC impact
4977	Amendments to DSC Change Management Guidelines	Approved for Capture	N/A	Amends the wording in the DSC Change Management Guidelines – to be approved by DSC Contract Committee meeting
4978	Notification of Rolling AQ value (following transfer of ownership between M-5 and M)	Approved for Capture	6	No impact expected on service lines

# 14. ChMC Update – Change Proposals – Capture complete

Xoserve Ref No.	Change title	Next steps	Service area	DSC impact
4692	CSEPs: IGT and GT File Formats - CIN Files	Approved into delivery June 2020	10	No impact expected on DSC service lines
4780 (Part B)	Inclusion of Meter Asset Provider Identity (MAP Id) in the UK Link system (CSS Consequential Change)	Approved into delivery June 2020	1	No impacted expected on DSC service lines
4865	Amendment to Treatment and Reporting of CYCL Reads	Approved into delivery June 2020	5	No impacted expected on DSC service lines
4930	Requirement to inform Shipper of Meter Link Code	Approved into delivery June 2020	1	No impacted expected on service lines
4932	Improvements to the quality of the Conversion Factor values held on the Supply Point Register (MOD0681S)	Approved into delivery June 2020 – Depending on approval of MOD	5	MOD process to complete before change can be approved into delivery
4955	Amendment of MDD PSR Needs Codes and Needs Code Descriptions	Approved into delivery February 2020	18	No impacted expected on service lines

## 14. ChMC Update – Change Documents

- BER approvals
  - XRN4857 - Report Review
  - XRN4954 - Minor Release Drop 5
- Amended BER approvals
  - XRN4665 - Creation of New End User Categories (EUC)
- CCR approval
  - None this month

# 14. ChMC Update – Summary key messages

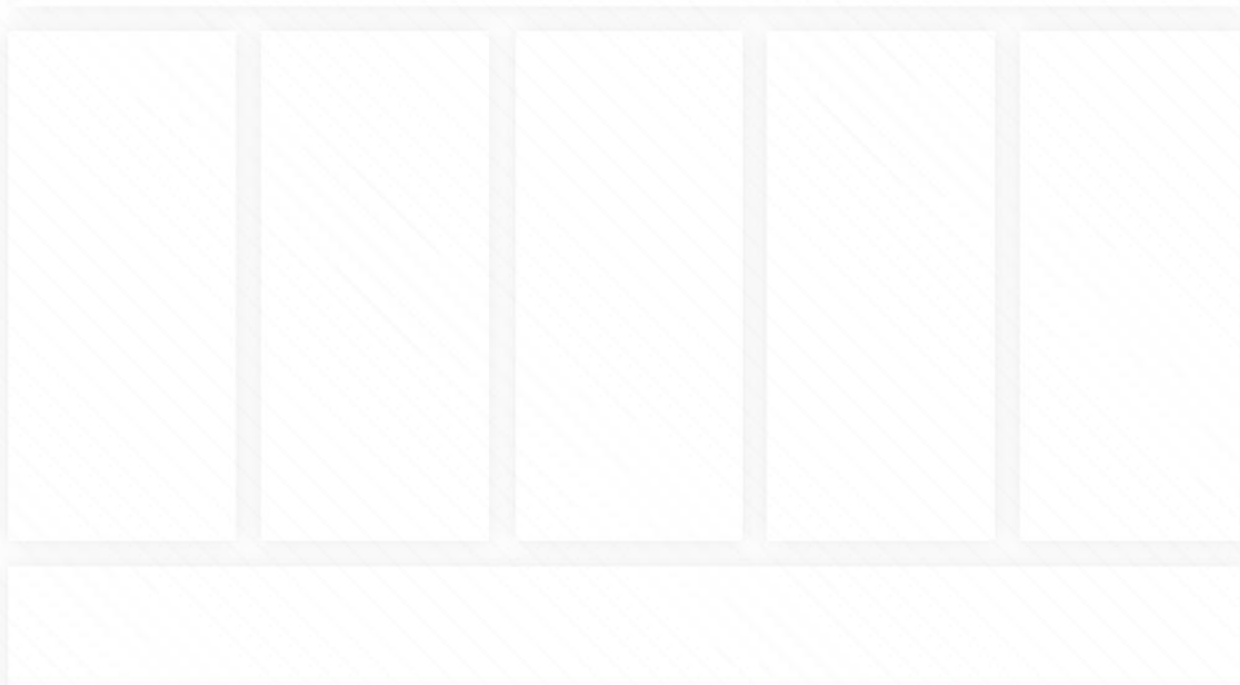
- Approval of Minor Release Drop 5 scope
- CSS Consequential Update
  - Gemini BRD approved
  - IGT/GT BRD approved
  - CSSC Change Pack approach approved
- On going discussion on change congestion for 2020/21 (Retro and CSSC delivery + BAU)
  - Agreed to continue with June 2020 major release
- June 2019 successfully implemented
- All releases currently tracking to plan
  - Creation of New End User Categories
  - November 2019
  - Minor Release Drop 4
- Update on work to date on alignment Shipper Packs/PARR reporting



## **15. Action Updates**

## 15. Action Updates

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





## 16. AOB