



DSC Delivery Sub-Group

1st 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 Summary	<u>Slides Only</u>	Mark Tullett	None – For Information and Discussion
3a.	Issue Management	<u>Slides Only</u>	Michele Downes	Standing agenda item – for information (if there is an update)
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 only</u>	Richard Hadfield/Julie Bretherton	Standing agenda item – for information (if there is an update)
4c.	Data Delivery Overview	<u>Slides Only</u>	Jane Goodes	Standing agenda item – for information (if there is an update)

Agenda (2)

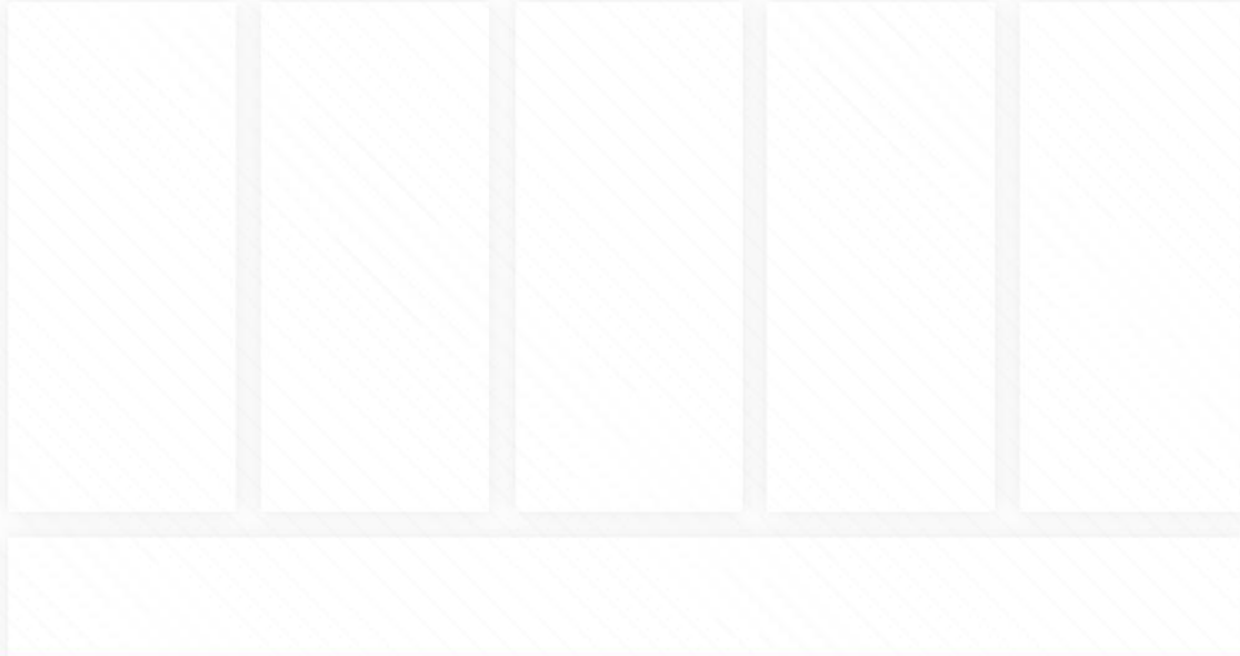
5.	Major Release Update			
5a.	June 19	Slides Only	Simon Burton	Standing agenda item – for information (if there is an update)
5b.	End User Categories 19	Slides Only	Matt Rider	Standing agenda item – for information (if there is an update)
5c.	November 19	Slides Only	Tom Lineham	Standing agenda item – for information (if there is an update)
5d.	Minor Release Drop 4	Slides Only	Bali Bahia	Standing agenda item – for information (if there is an update)
5e.	Minor Release Drop 5	Slides Only	Richard Hadfield	Standing agenda item – for information (if there is an update)
5f.	Retrospective Updates	Slides Only	Tracey O'Connor	New agenda Item for information
6.	New Change Proposals For Ratification of the Prioritisation Scores			
7.	Change Proposal Initial View Representations			
7a.	Update on XRN4645 - The rejection of incrementing reads submitted for an Isolated Supply Meter Point (RGMA flows)	Slides	David Addison	DSG Action Ref: 19 - 0607

Agenda (3)

8.	Undergoing Solution Options Impact Assessment Review			
8a	XRN4801 Additional information to be made viewable on DES	Slides	Richard Johnson	DSG to approve revised scope for HLSO
8b.	XRN4621 - Suspension of the Validation between Meter Index and Unconverted Converter Index	Slides	David Addison	DSG to use slides presented to understand and give clarification
9.	Solution Options Impact Assessment Review Completed			
9a.	XRN4850 Notification of Customer contact details to Transporters	Slides Only	Ellie Rogers	DSG to agree preferred option
9b.	XRN4871 - Modification 0665 Changes to Ratchet Regime - Part B	Slides Only	Ellie Rogers	
10.	Miscellaneous			
10a	XRN 4790 - Introduction of winter read/consumption reports and associated obligation (MOD0652)	Verbal	Paul Orsler	For Information and Discussion
11.	JMDG Update	Slides Only	Simon Harris	None – For Information Only as no change
12.	Action Updates	Action log published on Xoserve.com	All	Updates required on DSG owned actions (see below)
13.	AOB	Slides only	Various	TBC

3. Defects update

- 3a. Defect Summary and Dashboard
- 3b. Issue Management





3a. DSG Defect Summary

Defect Summary Stats

Stats as per HPQC extract taken on Thursday 27th June 2019.

Defect Landscape (Open/Closed vrs PGL/New)

	PGL Defects						Newly Discovered Defects							GRAND RELEASE TOTALS
	D1	D2	D3	D4	D5	TOTAL	D1	D2	D3	D4	D5	Not Set	TOTAL	
Urgent Fix (D1/D2)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amendment Invoice Task Force	0	0	0	0	0	0	0	1	4	14	0	0	19	19
R3.17 - 28th June	0	0	0	0	0	0	0	0	0	5	0	0	5	5
R4.01 - 5th July	0	0	0	1	0	1	0	0	3	3	0	0	6	7
On Hold	0	0	0	0	0	0	0	0	1	0	0	0	1	1
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	9	19	0	0	28	28
TOTAL OPEN	0	0	0	1	0	1	0	1	17	41	0	0	59	60
Closed as Rejected	0	0	3	14	7	24	0	11	48	45	1	3	108	132
Closed as CR	0	0	3	8	0	11	0	0	10	6	0	0	16	27
Closed - Deployed to Production	0	7	28	58	9	102	9	214	502	260	15	10	1010	1112
TOTAL CLOSED	0	7	34	80	16	137	9	225	560	311	16	13	1134	1271
GRAND TOTAL	0	7	31	73	16	138	9	226	567	346	16	13	1193	1331

R3.16

The below fixes were all deployed to production on 21st June

Defect ID	Status	Description	Release
1236	Closed - Deployed to Production	SAP - Portal - Twin stream site - Site visit read upload through portal is not working as expected.	R3.16
1358	Closed - Deployed to Production	Retrieve Must Read Data performance issue	R3.16

Release 3.17 is scheduled for 28th June.

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.

Amendment Invoice Impacting Defects

Defect ID	Status	Primary Business Process	Description
1331	Clarification Required	INV	DM prime REC charges are not getting calculated & presented within ASP supporting information file
1333	DRS Needed	READS	DM REC financial mismatches
1334	Ready for Internal Testing	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
1338	Ready for Internal Testing	INV	SAP- The amendments invoice pre-aggregation process is invalidating valid charges causing ASP financial mismatches
1339	Ready for Internal Testing	INV	SAP- ASP Presentation Mismatch Issue where there is a one day difference between the original REC period and the Re-REC period
1343	DRS in progress	INV	The bill document for the C4 LSP site is linked with incorrect REC information
1344	DRS in progress	INV	Incorrect pricing rate utilised for billing iGT site for one variance period causing financial mismatches within ASP files.
1346	Awaiting CAB	INV	There is no variance split shown as part of the C4 REC process (iGT sites) which is causing ASP/AML financial mismatches
1349	Phased Assurance	READS	SAP -Reconciliation charge issue for Class 3 reads received via UBR
1367	DRS in progress	READS	SAP- Loading of Class 1 & 2 Reads outside closeout
1369	Fix In Progress	INV	SAPBW - Class 4 reads showing on 'fallout report' where the read has been made inactive which do not generate a rec - CR315
1372	Ready For 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
1388	Ready for Internal Testing	INV	AML Fix - (SAP) ASP Presentation mismatch issue where there is one day difference between the original REC period and the Re-Rec period
1390	Ready For Assurance	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
1395	Clarification Required	READS	Meter Reading is inactive in the production system
1396	Assigned	BW Reporting	AML file missing volume
1399	New	INV	For Shorthaul sites - incorrect UDQI loaded
1405	Fix In Progress	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

Key:

	Amendment Invoice Task Force Defects
	Standard Defect

Amendment Invoice Impacting Defects - Closed

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

Defect ID	Status	Description	Dep. Date
1313	Closed - Deployed to Production	SAP: Incorrect Charge types for Duplicate Adjustments	14th June
1328	Closed - Deployed to Production	There are missing variances for a valid reconciliation period causing ASP/AML mismatches (MR16 exceptions)	14th June
1347	Closed as CR	SAP-ASP financial values are presented incorrectly within ASP file for charges under the Transmission networks	19th June
1278	Closed - Deployed to Production	Better Estimate on Twin stream sites does not seem to be allocated aggregate energy correctly	21st June
1308	Closed - Deployed to Production	SAP - where a reconciliation covers pre go live period the original variances are created manually causing mismatch issues.	21st June
1314	Closed - Deployed to Production	SAP - Incorrect Netting off seen within ASP files when there are multiple re-recs within same month for the same REC period (Dec-2018 RCA)	21st June
1329	Closed - Deployed to Production	SAP - Isolated & Withdrawal adjustment not billed for a Class 1 and 2 Meter Points (Jan-2019 RCA)	21st June
1386	Closed - Deployed to Production	AML Fix - Reconciliation data missing in AML file for record type K92 (Linked to defect 1252)	21st June
1393	Closed - Deployed to Production	ASP Mismatch - Data is failing to write to the mismatch table	21st June
1318	Closed - Deployed to Production	Energy does not equal financial charge on the Amendment Invoice	28th June

Key:

	Amendment Invoice Task Force Defects
	Standard Defect

3b. Issue Management

AQ Update

We have identified that there are approximately 117,000 meter points where the consumption/energy recorded in UK Link is incorrect as a result of defects which have previously been deployed.

Data correction is required for these affected meter points, and a plan is underway for this to be completed by the end of August 2019

There are two options to correct the data:

1. Shipper replaces the read following the Class change read which will re-calculate the energy correctly & result in a re-rec
2. Ability to raise and calculate a Consumption adjustment to correct the energy for a period on the Shippers behalf

For option 2, the tool is not yet developed so it will take approximately 6 to 8 weeks for this to be delivered. In this period Shippers can replace their reads. Profiling will then need to ensure these meter points are excluded from the re-calculation.

Portfolio Delivery

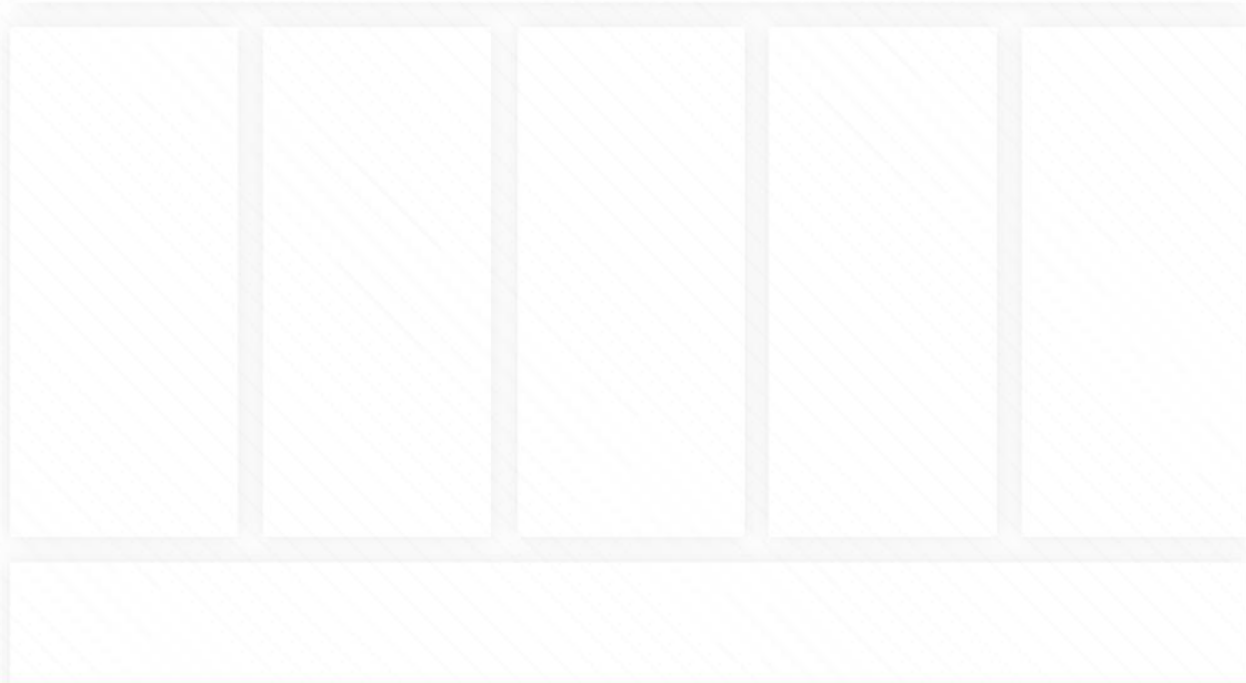
- 4a. Portfolio Delivery Overview POAP
- 4b. Retail and Network Delivery Overview
- 4c. Data Delivery Overview

4a. Portfolio Delivery Overview POAP

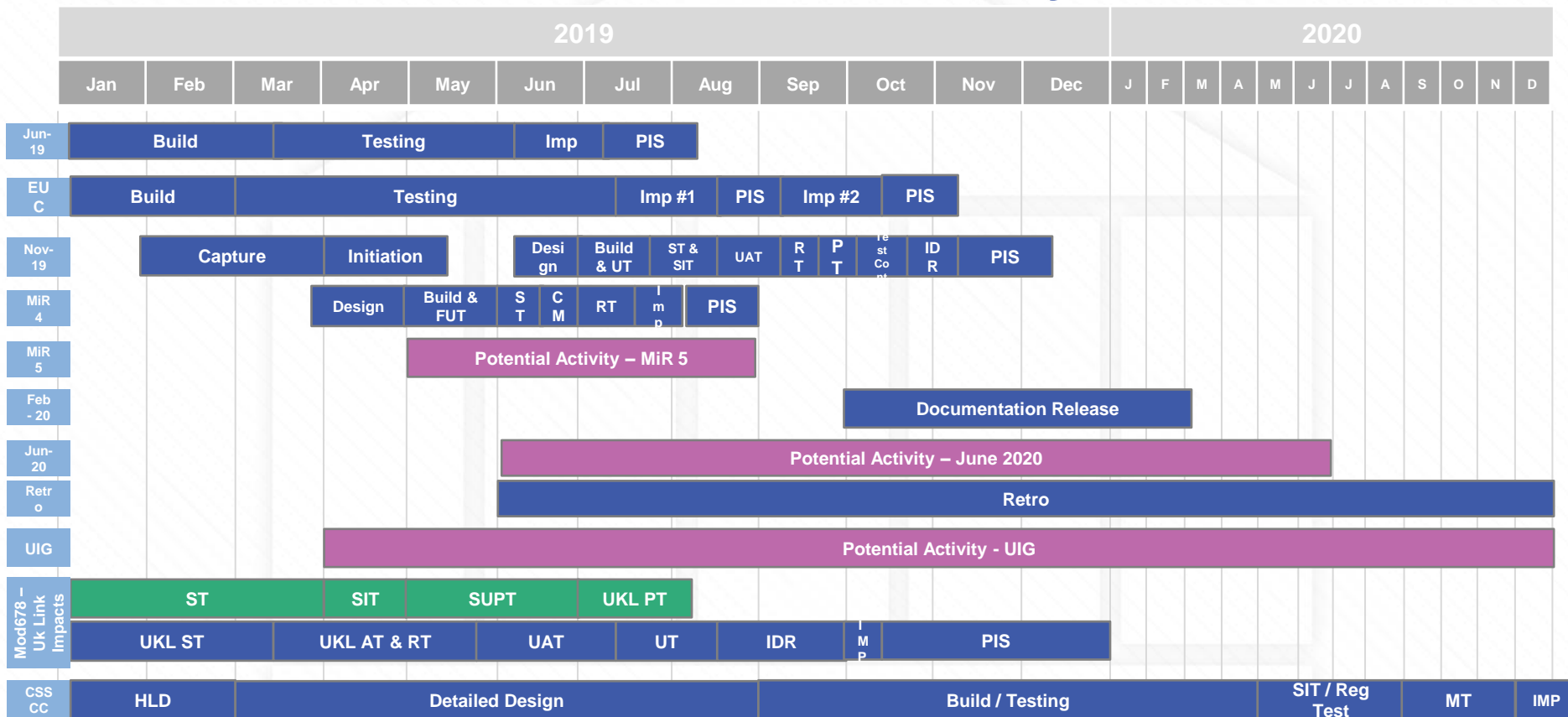
Please find the Portfolio Delivery POAP on xoserve.com

- Changes are: to the Decommissioning projects (3447 & 3143)
Implementation dates have moved out 1 month from the end of June (30/06) to the end of July (31/07) there is no knock-on effect to the subsequent closedown milestones.

4b. Retail and Network Delivery Overview

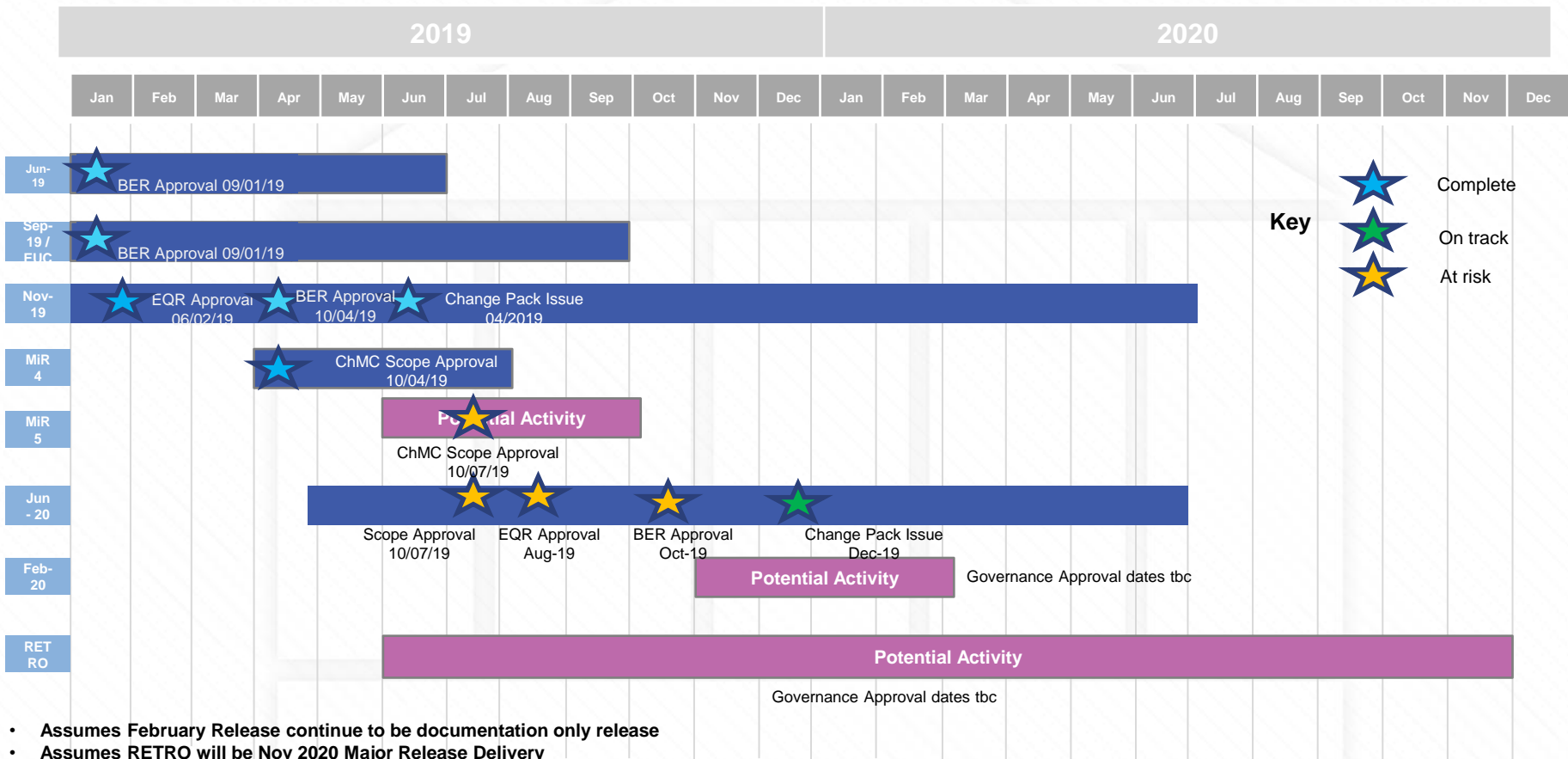


2019 / 2020 UK Link Delivery Timeline



- Assumes February-2020 Release continue to be documentation only release
- Assumes RETRO will be Released Nov 2020
- Please note that this is all potential activity within UK Link over the next 24 months

2019 / 2020 UK Link Governance Timeline



- Assumes February Release continue to be documentation only release
- Assumes RETRO will be Nov 2020 Major Release Delivery
- Please note that this is all potential activity within UK Link over the next 24 months

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 Delivery	June 2019	Low	<i>Xoserve</i>
	4687	PSR updates for large domestic sites	In Delivery	June 2019	Low	<i>Shippers</i>
	4676	Reconciliation issues with reads recorded between D-1 to D-5.	In Delivery	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>
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>
CSS	4627	Consequential Central Switching Services	In Delivery	2021	High	<i>Shippers</i>

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
4955	Amendments of MDD PSR needs code descriptions	Awaiting Solution Approval	Feb 2020	Low
4645	The rejection of incrementing reads submitted for an Isolated Supply Meter Point (RGMA flows)	CP in Capture	Major Release	TBC
4691	CSEPs: IGT and GT File Formats (CGI Files)	Solution Approved	Major Release	Medium
4692	CSEPs: IGT and GT File Formats (CIN Files)	Awaiting Solution Approval	Major Release	Medium
4772	Composite Weather Variable (CWV) Improvements	Solution Approved	Major Release	Medium
4780 – B	Inclusion of Meter Asset Provider Identity (MAP Id) in the UK Link system (CSS Consequential Change)	Awaiting Solution Approval	Major Release	Medium
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
4865	Amendment to Treatment and Reporting of CYCL Reads	Awaiting solution approval	Major Release	Low
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
4930	Requirement to Inform Shipper of Meter Link Code Change	Awaiting Solution Approval	Major Release	Low
4931	Submission of Space in Mandatory Data on Multiple SPA Files	CP in Capture	Major Release	TBC
4932	Improvements to the quality of the Conversion Factor values held on the Supply Point Register (MOD0681S)	Awaiting Solution Approval	Major Release	Medium
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
4871 – A	Modification 0665 – Changes to Ratchet Regime	Awaiting solution approval	Minor Release	Medium
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

June/July 2019

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	
XRN4835	Address Profiling and Reporting			
XRN4790	Introduction of winter read/consumption reports (MOD652)			
XRN4841	MAP Access to UKL via API (JMDG Use case 58)			
XRN4886	MAM Reporting (MOD297)			

Data Office changes - Delivered

The table below shows those changes closed since the last update:

XRN No	Change Title	Status
XRN4770	NDM Sample Data – MOD 0654 Delivery	Delivered
XRN4833	Rollout of Business Intelligence tool	Delivered
XRN4752	Meter Read Performance	Delivered

There are no escalations or decisions required and these slides are for information only.

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
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
CP	4860	National Temporary UIG	2	Information for Shippers to see how reconciliation is affecting UIG over time
CR	4898	Additional data source for UIG visualisation – auto publishing of UIG Graphs on xoserve.com	3	Allow customers to view UIG graphs on the website. Be able to view by LDZ and select different date ranges. Download data for analysis
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
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
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.
CP	4859	Increasing MAM access to CDSP data to mitigate reduced MAM appointment timescales	7	Provide MAM's with alternative source for asset data
CP	4738	Shipper portfolio update proposed formula year AQ/SOC	8	Inform Shippers of their proposed formula year AQ/SOQ values when produced.

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. Retrospective Updates






5a. XRN4732 - June 19 Release - Status Update

17 th June 2019	Overall Project RAG Status: 			
	Schedule	Risks and Issues	Cost	Resources
RAG Status				
Status Justification				
Schedule	<ul style="list-style-type: none"> • Regression Testing: Testing completed on track on 21st June. • Implementation: All implementation activities are proceeding to plan and we are on track to implement the changes on 28th/29th June. • Communications: Communications are being issued inline with the Communications plan. • PIS Plan: Post Implementation Support plans have been approved. 			
Risks and Issues	<ul style="list-style-type: none"> • Weekly monitoring of SME resources supporting multiple demands (e.g. BAU defects, AML/ASP etc) and all requirements are able to be met 			
Cost	<ul style="list-style-type: none"> • Project delivery costs are tracking to approved budgets 			
Resources	<ul style="list-style-type: none"> • Weekly monitoring of SME resources supporting multiple demands (e.g. BAU defects, Future Releases etc) is ongoing 			

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 | | | | | | | | | | | | | | | | |

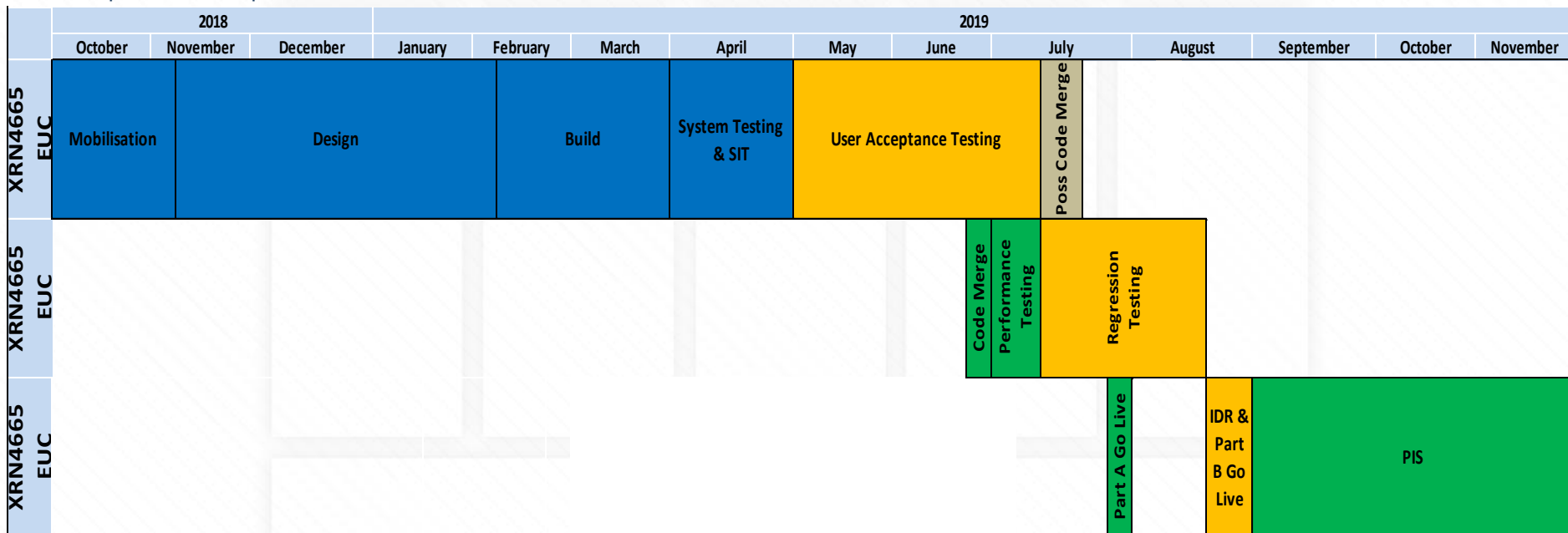
5b. XRN4665 – EUC Release

01/07/19	Overall Project RAG Status: 			
	Schedule	Risks and Issues	Cost	Resources
RAG Status				
Status Justification				
Schedule	<ul style="list-style-type: none"> • Testing : <ul style="list-style-type: none"> • OUAT activities ongoing to test fully two invoice cycles. Currently on track for completion on planned date of 12/07 • Code Merge activates currently underway to enable the commencement of PT & RT activities • PT on track to commence from 01/07 as planned • Preparation for RT activities commenced. Plan walkthrough held with stakeholders • Implementation : <ul style="list-style-type: none"> • 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 • 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 			
Risks and Issues	<ul style="list-style-type: none"> • Environments: There continues to be a risk that multiple projects are running in parallel (EUC, June 19, GB Charging & 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. 			
Cost	<ul style="list-style-type: none"> • Project delivery costs are tracking to approved internal budgets 			
Resources	<ul style="list-style-type: none"> • Weekly monitoring of SME resources supporting multiple demands (e.g. BAU defects, Future Releases etc) is ongoing 			

5b. XRN 4665 - EUC Release Timelines






Key Milestone Dates:

- OUAT activities ongoing as per plan. Testing for Invoicing cycle 1 nearing completion and Invoicing cycle 2 on track for completion by 12/07
- Performance Testing on track to commence from 01/07 on completion of Code Merge activities
- Preparation for Regression Testing phase in progress
- Implementation Plan for Part A due to be provided by the supplier on 05/07
- IDR prior to Part B planned for 27/08 to 28/08



5c. November 2019

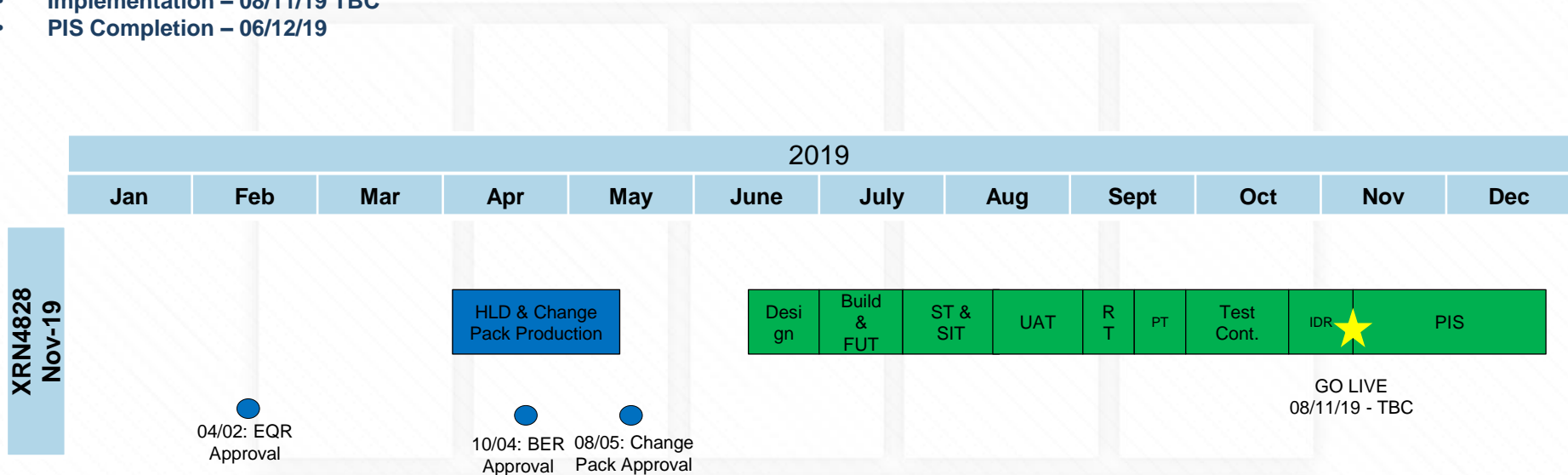
XRN4828 - Nov 19 Release - Status Update

1 st July	Overall Project RAG Status: 			
	Schedule	Risks and Issues	Cost	Resources
RAG Status				
Status Justification				
Schedule	<ul style="list-style-type: none"> Start Up and Initiation phases complete Detailed Design commenced on 17th June, design workshops complete with phase on track to complete by 12th July Design consideration for XRN4679 and response to Gazprom design questions to be presented Build to commence w/c 1st July Test plan and scenarios under review Funding: BER for full delivery approved in April 2019, BER for XRN4866 UIG Recommendation approved at ChMC on 12th June. 			
Risks and Issues	<ul style="list-style-type: none"> Risk: There is a risk that the Nov 19 Release may be impacted by Pre-Production environment congestion due to multiple deliveries running in parallel Risk: There is a risk that due to multiple UKLink deliveries running in parallel there may be limited access to resources. 			
Cost	<ul style="list-style-type: none"> The BER with full delivery costs were approved at ChMC in April 2019, BER for XRN4866 UIG Recommendation approved by ChMC on 12th June 			
Resources	<ul style="list-style-type: none"> Weekly monitoring of Xoserve SME resources supporting multiple demands (e.g. BAU defects, Future Releases etc) is ongoing 			

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





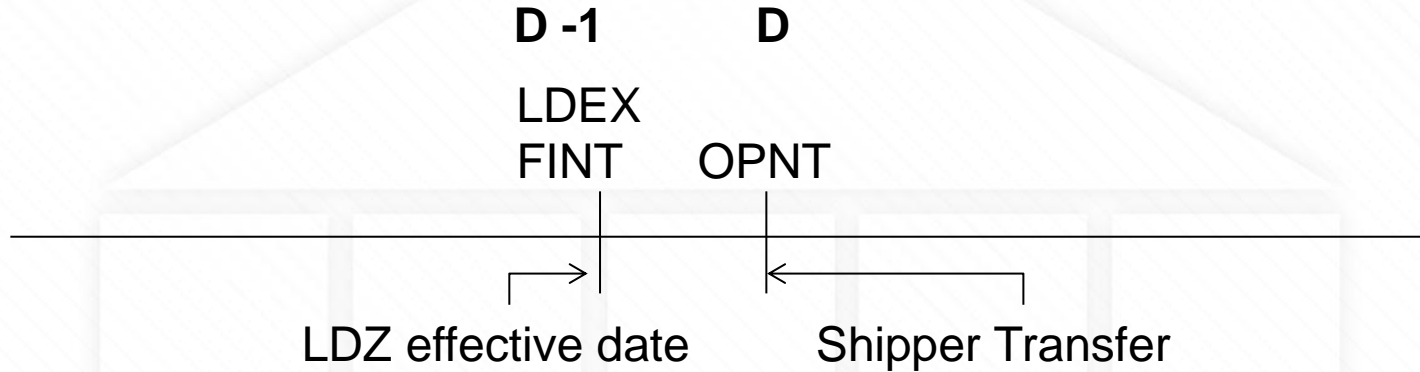
XRN4679 - Requiring a Meter Read following a change of Local Distribution Zone or Exit Zone

XRN4679 Design Considerations

- As part of XRN4679, a read will be estimated where there is an LDZ change.
- If the Exit Zone was to change alone while LDZ remained the same, a read will not be estimated.
- Reconciliation will use the existing variance codes in the order of priority and in the case of a LDZ change, the variance code EXZ will be used.

Shipper Transfer and LDZ/EZ changes (Class 4)

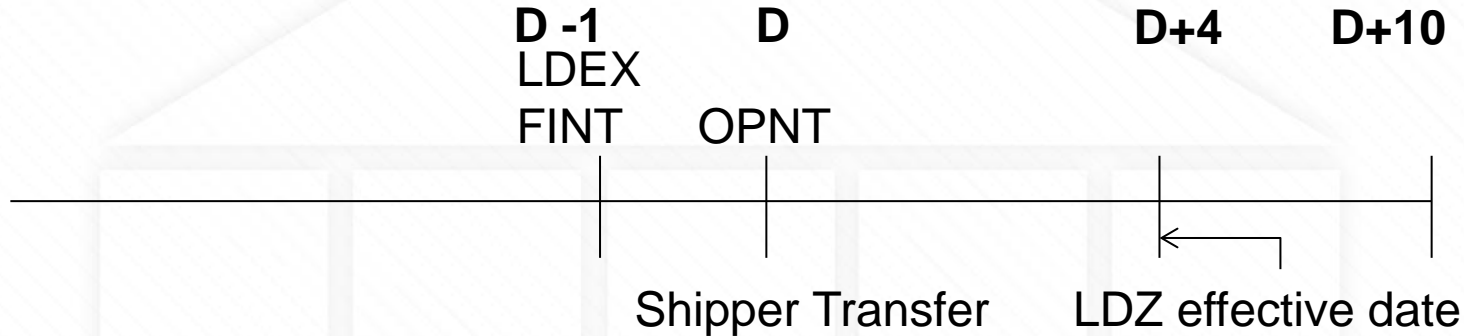
- **Scenario 1: Shipper Transfer on D and LDZ effective date on D-1**



- Due to the presence of 2 valid active reads on D-1, the above scenario will be dealt via an exception.
- As part of the exception resolution, the estimation of read for the LDZ change effective on D-1 will take place once the shipper transfer read has either been estimated or fulfilled due to receipt of a read during the transfer window. The LDEX read will be marked as inactive due to the presence of the active FINT read on D-1.
- The MBR file with the new reason code LDEX will be delayed i.e. will be sent later along with the MBR/URN file containing the transfer read.

Shipper Transfer and LDZ/EZ changes (Class 4)

- Scenario 2: Shipper Transfer on D and LDZ effective date between D+1 to D+10



- If an LDZ change occurs within the transfer window i.e. D+1 to D+10, it will cause the transfer read to be estimated immediately followed by the estimation of the LDZ read.
 - This is true of other reading types loaded within this window prior to the transfer reading being fulfilled.
- The estimated transfer read and LDZ read can be replaced by the User at a later point in time.
- This will have the effect of curtailing the transfer read window (normally the Incoming User has until D+10).



XRN4828 November 19

Design Questions

XRN4621 – Suspension of the Validation between Meter Index and Unconverted Index

1. Is validation on the number of digits still expected to take place?

Answer: Yes, where the unconverted read is provided

2. Check Readings – the logic is unchanged for this – as they need to provide the Unconverted Index. Will the validation still be applied to this from the Unconverted Index from the previous Meter Reading?

Answer: Check reads are not impacted by 4621 i.e. we still expect all 3 reads – meter, converted and unconverted reads while receiving check reads.

XRN4725 – New Read Type for LIS Estimate Readings

1. When we state that the reading will be considered as an actual reading, I believe that the reading will be loaded and shows as an Estimated Meter Reading in the MBR file, but when we say is treated as an actual reading we mean that:

a) It will be used for Reconciliation (probably only on the loading of a subsequent reading)

Answer: Correct, the read will be used as the start reading in any subsequent reconciliation and will also be used during read validation of the next read, regardless of whether this is the first time the read is submitted or a replacement read. However, please note the first site visit read provided following the creation of the LIS estimate will use the previous site visit read as part of read validation, with reconciliation charging only commencing from the LIS estimated read date.

b) And probably will be able to be replaced....

Answer: Yes, Correct.

2. What READ_TYPE value will be shown in the M03 Record for these readings – assume 'E'?

Answer: The read type in the M03 file will be E – Estimated read.

3. What will be the read type in DES?

Answer: Meter Read Type in DES will be T, with the Read Reason of LISR. In the read details results screen.

XRN4679 – Requiring a Meter Reading following a change of Local Distribution Zone






1. Effective date of the LDZ / EZ change is not shown in the EXZ file – it always shows as a default value (I think that this is 01/01/1901 – or something like this); so Gazprom derive this based on the file generation date of the EXZ – is that correct to do so?

Answer: Yes, correct

2. What will be the effective date of the MBR reading – assume that this will be the effective date of LDZ / EZ change, but since the EXZ date has to be derived will it always follow that the Read Date will match the EXZ generation date?

Answer: The Read Date will match the LDZ effective date

5d. XRN4927 – MiR Drop 4 - Status Update

14/06/19	Overall Project RAG Status: 			
	Schedule	Risks and Issues	Cost	Resources
				
Status Justification				
Schedule	<ul style="list-style-type: none"> • System Testing – System Testing Assurance has completed for all changes • Code Merge – This is to be completed 28th June • Regression Testing - This is to start 1st July 			
Risks and Issues	<ul style="list-style-type: none"> • Environment availability continues to be a risk as several projects are sharing environments through out delivery and test, implementation 			
Cost	<ul style="list-style-type: none"> • All costs tracked to budget 			
Resources	<ul style="list-style-type: none"> • 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 			

Potential Minor Release Drop 4 Timeline & Scope

Minor Release Drop 4 Key Milestone Dates:

Initiation – 3/5/19

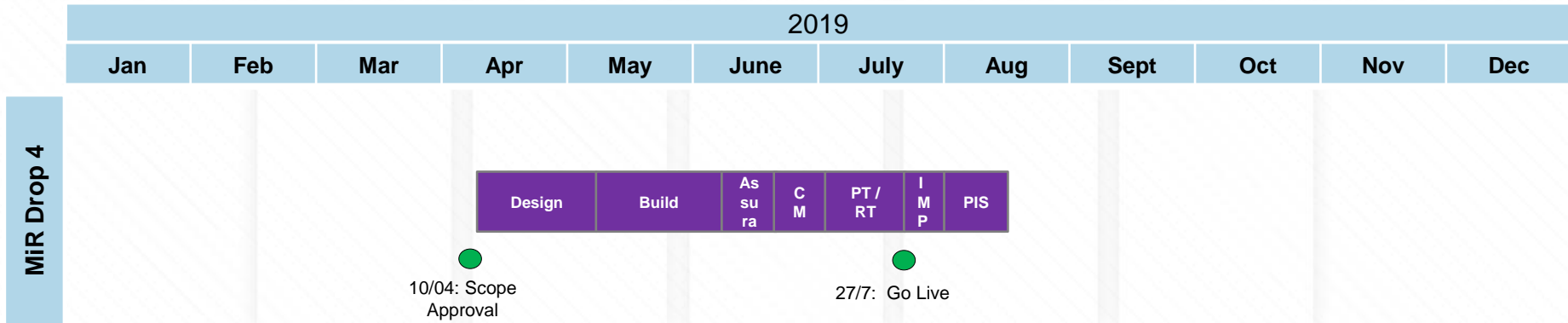
Design – 10/5/19

Build - 7/6/19

Test – 19/7/19

Implementation – 27/7/19

Closedown – 9/8/19



5e. Minor Release Drop 5

- Verbal update to be provided by Richard Hadfield



5f. XRN4914 MOD 0651- Retrospective Data Update Provision

XRN4914:Retro – Progress update

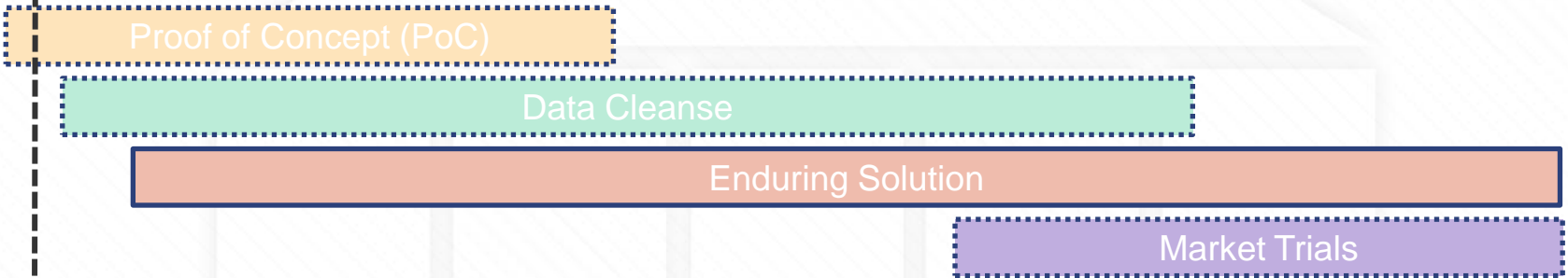
Capture Progress update	
Schedule	<p>Proof of Concept:</p> <ul style="list-style-type: none">• 13th / 20th June: requirements gathered• 24th June: peer and first review• 25th June: issued for internal review• 1st July: internal walkthrough and approval scheduled• 2nd July: ideas/solutions initial discussion• 3rd July: start production of high level solutions options• Planning continuing
Risks and Issues	<ul style="list-style-type: none">• Issue -project is behind original draft plan• Issue - data team / security team resources not allocated to project; options being discussed internally• Risk - that cost required to deliver project is greater than project funding (2017 day rates used)• Risk - availability of resources (environments/people) may impact plan for Retro
Cost	<ul style="list-style-type: none">• Project cost - to be re-confirmed• Project funding - £1.5 mill; £700k for 2019 and £800k for 2020
Resources	<p>Project mobilising</p> <ul style="list-style-type: none">• Resources required for project being identified and seeking allocation• Engaged with other programmes of work for consequential impacts / synergies (CSSC, AML/ASP, UIG)• SI agreed for project• Engagement approach to be agreed with Customers

XRN4914:Retro – Proof of Concept Progress Update

June '19

Nov '20

today



Completed

- 13th / 20th June: PoC requirements gathered
- 24th June: peer and first review
- 25th June: issued for internal review

Next Steps

- 1st July: PoC internal walkthrough and approval scheduled
- 2nd July: ideas/solutions initial discussion
- 3rd July: start production of high level solutions options
- Produce Customer Engagement Schedule

Key: dashed line – to be defined

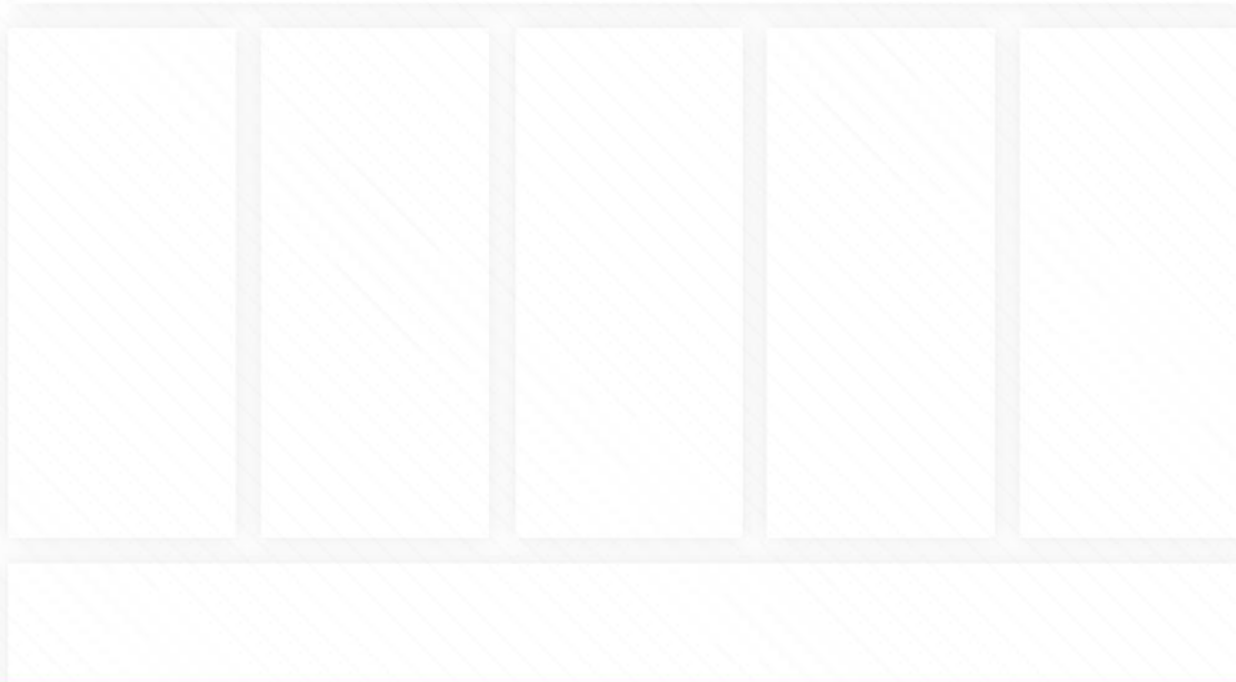
Latest update on requirements to be provided into DSG

6. New Change Proposals For Ratification of the Prioritisation Scores

- None for this meeting

7. Change Proposal Initial View Representations

7a. XRN4645 - The rejection of incrementing reads submitted for an Isolated Supply Meter Point (RGMA flows)





XRN4645 – Rejection of Incrementing RGMA Readings on Isolated Supply Meter Points

Incrementing Readings on Isolated Supply Meter Points

- Where an Incrementing Meter Reading is received on an Isolated Supply Meter Points this creates an Exception within the Amendment Invoice
 - Some of the scenarios are created as the Estimation Routine did not take account of the Isolation Flag – so created incorrectly created an incrementing estimate
 - This issue has been resolved
 - XRN4645 is specifically associated with some of the scenarios around the receipt of an RGMA transaction with an incrementing Meter Reading where the Supply Meter Point is recorded as Isolated on UK Link
 - RGMA is the only process that still allows incrementing Meter Readings on Isolated Supply Meter Points
 - DSG were asked to confirm that such transactions can be rejected, but wanted further information to understand resolution of the exception

Resolution Approach – Future

- Scenarios resulting in Incrementing Meter Readings on Isolated Supply Meter Points have been identified
 - Actual Reading received via RGMA is sole remaining instance where incrementing reads can be loaded – propose that transactions with incrementing Meter Readings are rejected
 - Rejection Code [tbc]
- Where Shippers receive this rejection, they should resubmit the RGMA transaction with the last Meter Reading loaded on UKL, and Effective Date is loaded to reflect correct Re-establishment Date
- CDSP will monitor against RGMA transactions receiving the rejection code and prompt Shipper action

UNC References

- Shippers are responsible for indicating whether a Supply Meter Point is Isolated
- Isolated Supply Meter Points are allowed under UNC:
 - Section G - If a Shipper defines a Supply Meter Point as Isolated – in doing so are stating that gas cannot be off-taken... and such Supply Meter Points are treated accordingly under UNC...
 - 3.4.1 For the purposes of the Code and subject to paragraph 3.8: (a) “Isolation” of a Supply Meter Point shall mean the amendment of the Supply Point Register in accordance with paragraph 3.5.4 **for the purposes of securing that gas cannot be offtaken from the Total System** at such point and “Isolate” shall be construed accordingly;
 -
 - 3.4.2 For the avoidance of doubt and subject to paragraph 3.4.3, **where a Supply Meter Point has been Isolated** (and unless and until an Effective Supply Point Withdrawal) **the Registered User of the Supply Point in which it is comprised shall continue to be responsible for gas offtaken** from the Total System at the Supply Meter Point.
 - 3.4.3 In the case of a NDM Supply Point comprising a Class 3 or 4 Supply Meter Point which has been Isolated (and unless and until it is Re-established in accordance with paragraph 3.7) **NDM Supply Meter Point Demand will cease to be determined** in respect of that NDM Supply Meter Point in accordance with Section H2.

UNC References

- Modification 0424 (and 0425) clarified that where the Supply Point was Re-established (i.e. gas is capable of being offtaken) and this had not been notified the Shipper would be liable for:
 - Reasonable costs of the Transporter having so established this
 - All Transportation and energy charges for the period as if it had not been Isolated

- **Example - G 3.7.4**

Where a Supply Meter Point has been Isolated after 1 April 2013, and is Re-established, and an Effective Supply Point Withdrawal has not occurred and the Supply Meter continues to remain physically connected to a System during the period from the date of Isolation to the date of Re-establishment and the Transporter (in which case it will notify the CDSP) or the CDSP identifies that the previously connected Supply Meter (with the same serial number and number of dials as provided as part of the Meter Information) is physically connected to a System such that gas is capable of being offtaken (without any further action being taken) from the Total System then where gas was or is being offtaken from the Total System during such period (as evidenced by Meter Readings), each Registered User in respect of the period for which it is or was the Registered User shall be liable for:

- a) all reasonable costs incurred by the relevant Transporter in accordance with the Siteworks Terms and Procedures (as defined in Section G7.2.2) where the relevant Transporter undertakes a visit to carry out a disconnection in accordance with the Gas Safety (Installation and Use) Regulations 1998 and where the Supply Meter remains connected to a System such that gas is capable of being offtaken (without any further action being taken) from the Total System; and
- b) all charges (including without limitation Transportation Charges and Energy Balancing Charges) associated with such Supply Meter Point as if it had not been so Isolated and in respect of Energy Balancing Charges for which the Registered User is liable pursuant to paragraph 3.7.4(b) a reconciliation will be carried out in accordance with Section E6.

UNC References

- Also worth noting that E 6.1.2 defines that the Registered User bears the risk (and reward) of reconciliation after a Confirmation....

the Reconciliation Values will be attributed entirely to the Registered User(s) following such Supply Point Confirmation, notwithstanding that a part of the Reconciliation Values may (or may be considered to) relate to a period before the Supply Point Registration Date; and accordingly such Registered User(s) will obtain the benefit and bear the risk (and the User(s) who formerly were Registered User(s) of the Supply Meter Point will neither obtain the benefit nor bear the risk) of the Reconciliation Quantities insofar as relating to the period before the Supply Point Registration Date

UNC Conclusions

- UNC appears to suggest:
 - Shippers are responsible for setting and maintaining the Isolation Flag
 - If following the Isolation, the Shipper withdraws from the Supply Point, under Modification 0424 and 0425 then if the gas is being offtaken then the Shipper remains responsible
 - Where it is established where gas can be offtaken – i.e. it is Re-established – then the Supply Meter Point could be treated as if that isolation has not occurred – subject to further conditions
 - First reconciliation after a Change of Shipper becomes the responsibility of the Incoming User, potential greater risk if the Isolation Flag has been set and not maintained
- Views?

Incrementing Readings on Isolated Supply Meter Points

- Pre Nexus implementation, certain processes allowed recording of incrementing Meter Readings on UK Link systems
 - For Supply Meter Points subject to Meter Point reconciliation, these would result in filter failures (USRV) – since NDM Supply Meter Point Demand is nil.
 - Allowed prompt to Users to re-establish.
- Since Nexus implementation:
 - Individual Meter Point Reconciliation and removal of USRVs led to amendment of functionality...
 - Incrementing Meter Readings were rejected when received via Meter Reading processes (UMR; UBR; etc)
 - Meter Reading rejection code – **[MREXXXXX] – [text]**
 - Incrementing Estimated Meter Readings on Isolated Supply Meter Points
 - Defect resolved since PNID incrementing OPNTs & RGMA Readings [Defect Number: 653]
 - Request to reject RGMA transactions deferred by DSG

Issue within UKL

- Since Commodity Invoicing is deemed as being nil within the period, the Amendment Invoice (aka Reconciliation) creates an exception as there is no Commodity to 'reconcile' against
- Complexity is increased due to:
 - Length of time that the isolation may have been in place – some of these are prior to Project Nexus Implementation and before
 - Change of Shipper events have been undertaken
 - Incrementing Meter Readings have been loaded in error
 - Although it is now only Meter Readings loaded via RGMA that may generate incrementing Meter Readings
- There are circa 7,000 Supply Meter Points where an exception has been generated
 - Subsequent variances will not be invoiced until the exception has been resolved

8. Undergoing Solution Options Impact Assessment Review

- **8a.** XRN4801 – Additional Information to be Made Available on DES
- **8b.** XRN4621 - Suspension of the Validation between Meter Index and Unconverted Converter Index



8a. XRN4801 – Additional Information to be Made Available on DES

01/07/2019

For Action: recommendation required on the
addition of requirements to XRN4801

Introduction

- The purpose of XRN4801 is to add a particular set of data items to the screens in the Data Enquiry Service (DES) application
- We've looked at the requirements of another change: XRN4925, an internal change titled *'Incorrect Display of Read and Asset Information on DES'*
- XRN4925 is very similar to XRN4801, and we would like DSG to evaluate whether two requirements from XRN4925 can be included in the scope of XRN4801

Requirements

The following are the requirements which are currently associated with XRN4925:-

Requirement Description (I want to...)	Rationale (So that...)	Acceptance Criteria
I want, for class 3 meter points, when an RGMA update is received for an asset removal or exchange, the final read (FINC/FINX) to Display as D in DES	So that the information displayed in DES is correct Currently, the reading displays incorrectly in DES as D-1. We want to correct this to display as D	The read is displayed in DES as being recorded on D
I want, for a class change from class 4 to 3 or 3 to 4, the FICC (class change read) read to Display as D in DES	So that the information displayed in DES is correct	The read is displayed in DES as being recorded on D

- Does DSG support the addition of the above requirements to the scope of XRN4801?
- If the answer is yes, we'll factor the above two requirements into the ongoing High Level Solution Option Impact Assessment (HLSOIA)



XRN4621 - Suspension of the Validation between Meter Index and Unconverted Converter Index

Validation – Extracted from Previous Slide Decks!

- Validation in UNCVR (but not necessarily UK Link systems!!!) prior to Nexus implementation:
 - Meter to Converted Index
 - i.e. Factor = (Converted Volume / Meter Volume) / Meter Point Conversion Factor
 - Test demonstrates volume on Convertor progresses in line with Meter - note, validation against the pulse output
 - Test also requires maintained MP CF – failure to do so could lead to error. NB: Thermal Energy Regs requires a non standard cf to be maintained by Suppliers for SMPs with an AQ >732,000 kWh
 - Previous version of test:
 - Class 1 & 2 meter points: 0.95 to 1.05
 - Class 3 & 4 meter points: 0.85 to 1.15
 - Meter to Unconverted Index
 - i.e. Factor = (Unconverted volume / Meter volume), factor should be 1 +/- X pulses
 - Test demonstrates volume on Convertor progresses in line with Meter - note, validation against the pulse output

- Previous version of test:

Meter Pulse Value	Meter and Uncorrected Convertor Gas Consumption Difference
10cf	±400cf (40 pulses)
100cf	±800cf (8 pulses)
1000cf	±3000cf (3 pulses)

Validation – Reporting

- Previously validation would be used to determine whether Readings will be accepted or rejected
- Reporting is provided under 4621 to support Shipper investigation of Readings
- Propose that the Meter to Converted, and *where present Meter to Unconverted* is consistent, and validation applied as:
 - Class 1 & 2 meter points: 0.95 to 1.05
 - Class 3 & 4 meter points: 0.85 to 1.15
- Value will be parameterised by C1&2 / C3&4 (NB: $M>U$; $M>C$ will use the same value)
- Propose that the reporting:
 - Provides Shipper provided Meter Reading failures only - Estimates will not be validated
 - RGMA Opening Meter Readings will not be validated
 - For Must reads, ratios will only be checked for those which have loaded successfully in the system.
 - Entry will appear on the report where one or both of $M>U$; $M>C$ have triggered
 - NB: Since the $M>U$ Consumption history will be inconsistently populated, question whether $M>U$ is provided as this may provide a false positive!
 - Is provided within the Shipper Performance Packs

9. Solution Options Impact Assessment Review Completed

- 9a. XRN4850 Notification of Customer contact details to Transporters
- 9b. XRN4871 - Modification 0665 Changes to Ratchet Regime - Part B

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.

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:

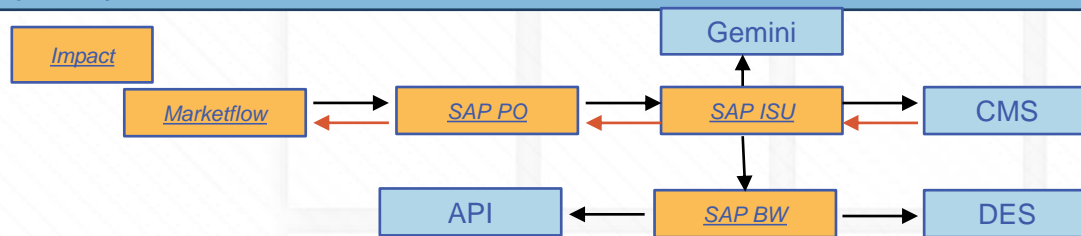
- New screen to be created in order to create the trigger by GDN and IGT Super Users. A proxy needs to be developed to check for the Super Users maintained in ISU are trying to create the trigger only; if any other user is trying to create the trigger; the request needs to be rejected by displaying an 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

Option 1 - System Impact Assessment

1

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

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

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

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.

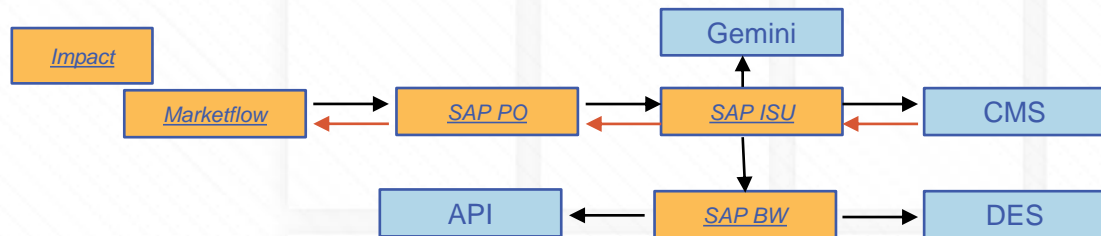
Portal: Below are the list of changes in UK Link:

- 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

Option 2 - System Impact Assessment

2

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

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

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



XRN4871 - Modification 0665 – Changes to Ratchet Regime (Part B)

Background

- Modification 0665 has been approved by Ofgem with an implementation date of 01 July 2019. It seeks to amend the current Class 2 Ratchet Charging Arrangement and it allows Transporters to designate Supply Points (Network Designated) that should, in addition to existing mandatory Class 1 Supply Points, be subject to the existing Class 1 Ratchet Charging Arrangement.
- This Change Proposal has been raised to deliver the system requirements set out within this modification.
- Due to the proposed timescales and the requirement to implement the changes in line with the 01 October 2019, the delivery has been split into two parts:
 - Part A (August Minor Release)
 - Part B (currently proposed as June 2020)
- Part A is going to ChMC in July for final approval.
- Part B which is the enduring solution has gone for HLSO but we have an outstanding question we want DSG views.

DSG views requested

- 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 however the solution for this has not yet been defined.

Next Steps...

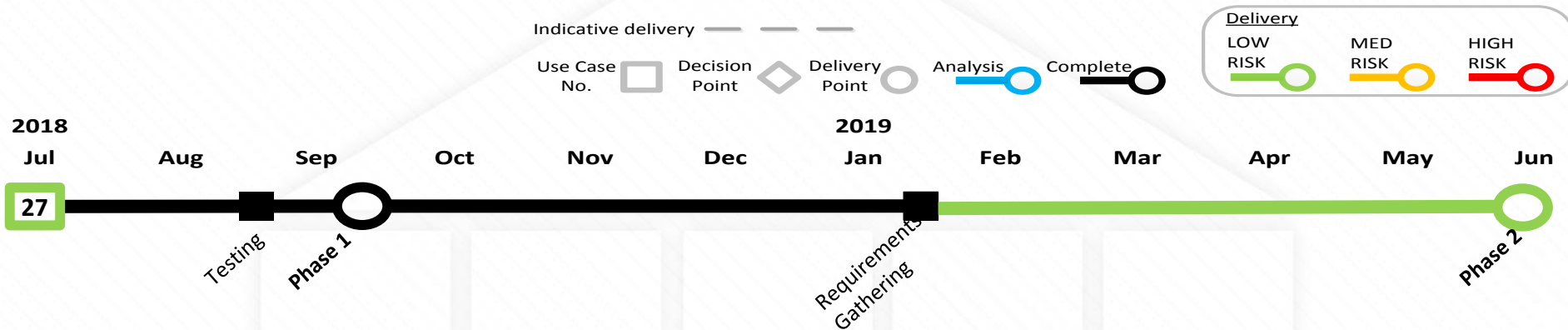
- We are asking DSG to consider options for notifying Users that an offer has been cancelled due to a site being network designated.
- Following this view, we will complete the HLSO and come back to DSG for discussion.

10. Miscellaneous

- 10a. XRN 4790 - Introduction of winter read/consumption reports and associated obligation (MOD0652)
 - **Verbal update to be provided by Paul Orsler**

11. JMDG Update

27 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

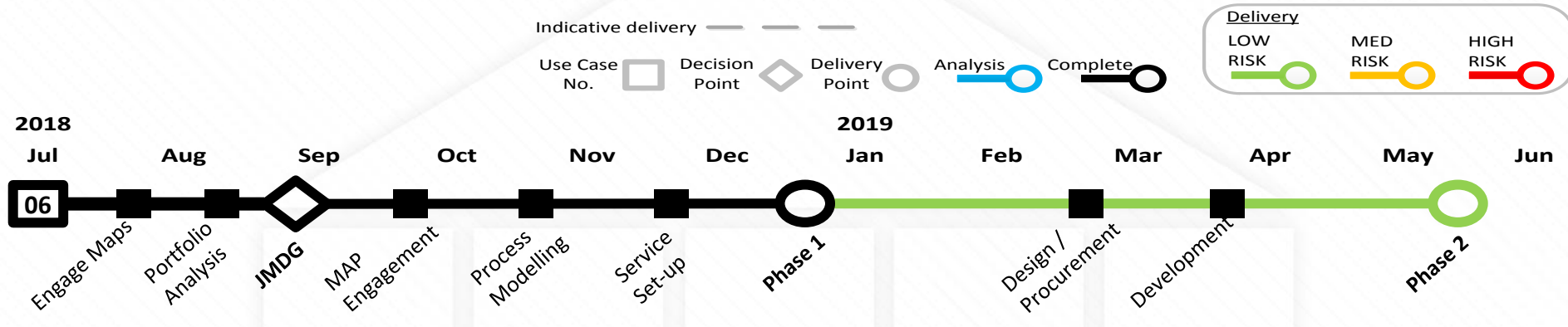
Phase 1 – Web Portal has been delivered to gas consumers. Consumers can obtain MPRN, Gas Supplier and Transporter name

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 in June 2019

06 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

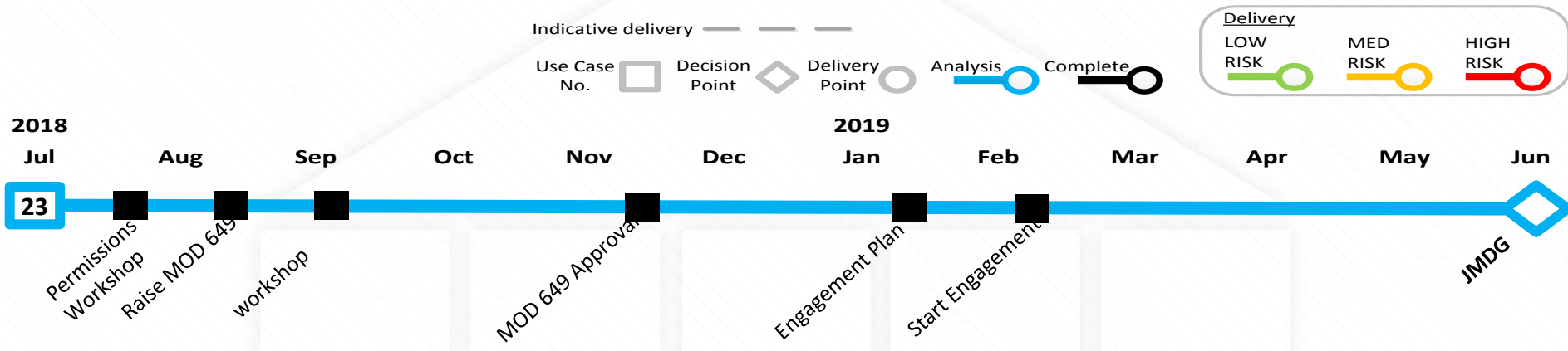
Solution overview

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

Phase 2 – MAP to MAP meter asset comparison service (May '19) – In Progress

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

33 Third Party Services [Twin]



Use case overview

- Provide data services to Third Parties

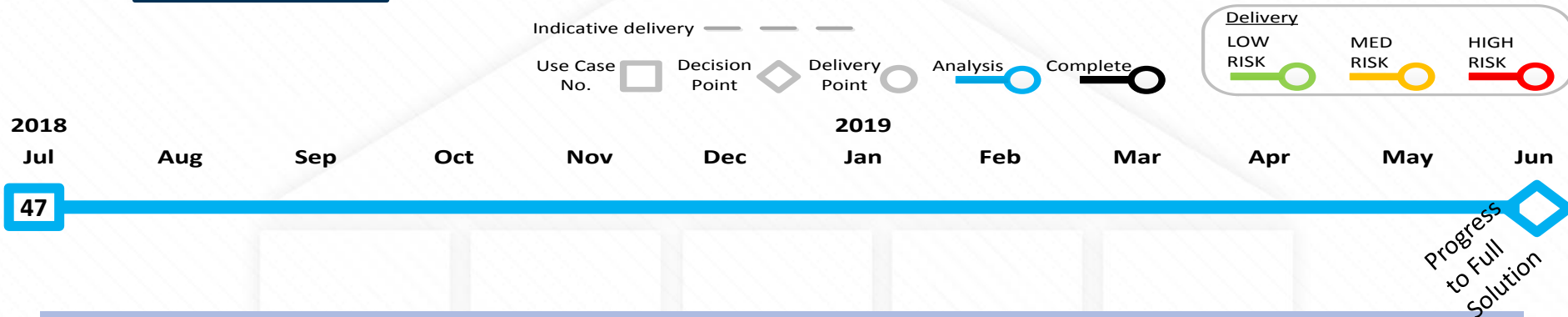
JMDG progression

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 has been created and is being carried out now. Most engagement is complete (MAMs and MOPs scheduled but not complete yet). Will report back to JMDG at June or July meeting.

47 & 09 ASC and CT / VT Ratio (Electricity)



Use case overview

Two linked cases involving DNO data:

047: The MIS could also facilitate access to Current/Voltage Transformer (CT/VT) ratio. The ratios would be populated initially by the distribution network operator and can be queried by Parties should discrepancies be identified as part of meter installation, or commissioning and proving tests.

009: Proposed making EAC available to quoting suppliers, and mentioned inclusion of ASC

JMDG progression

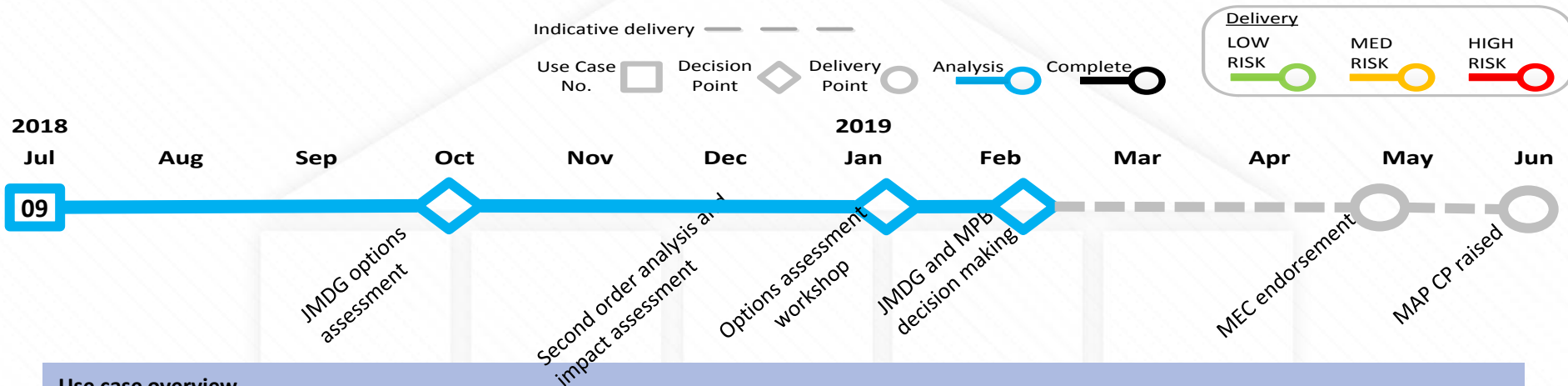
Indicative costs received from ECOES service provider. JMDG decided to progress to full solution design. MIS project team prioritised use cases 9 and 56 (EAC and FiTs Generator access, respectively) with JMDG's agreement. Will refocus on this once use cases 9 and 56 are progressed.

Solution overview

Initial discussions suggest data will be available but DNOs not keen on multiple access to their databases. Main issue with providing ASC is that some distribution businesses aggregated ASC for multiple MPANs onto one MPAN, without there necessarily being a clear link between them which can be used to identify this. Could undermine usefulness of the data.

09

Estimate of Annual Consumption (EAC)



Use case overview

- Make EAC available to quoting supplier

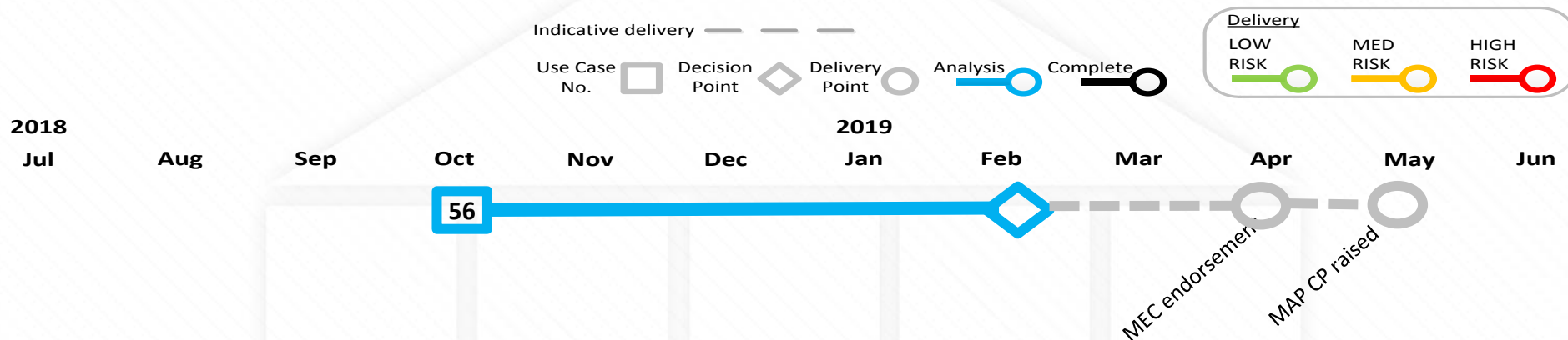
JMDG progression

Agreed to progress two options in tandem at February JMDG – using Electralink’s EAC API to augment ECOES API, or mandating provision of EACs to ECOES.

Overview

- Workshop held 28th January to explore potential sources, formats, frequency of the data
- Discussions with Suppliers and TPIs suggest this has a limited shelf life – something quick and with low overheads preferred.
- Awaiting Electralink input to progress two options to assessment.

56 FiT Licensee Notifications – Smart meter installs



Use case overview

- FiT Licensees would be better able to meet their Supply Licence obligation to administer export payments on metered data whenever possible if a mechanism existed to inform them that a smart meter (which by definition has export metering capability) has been installed on the premises of a FiT

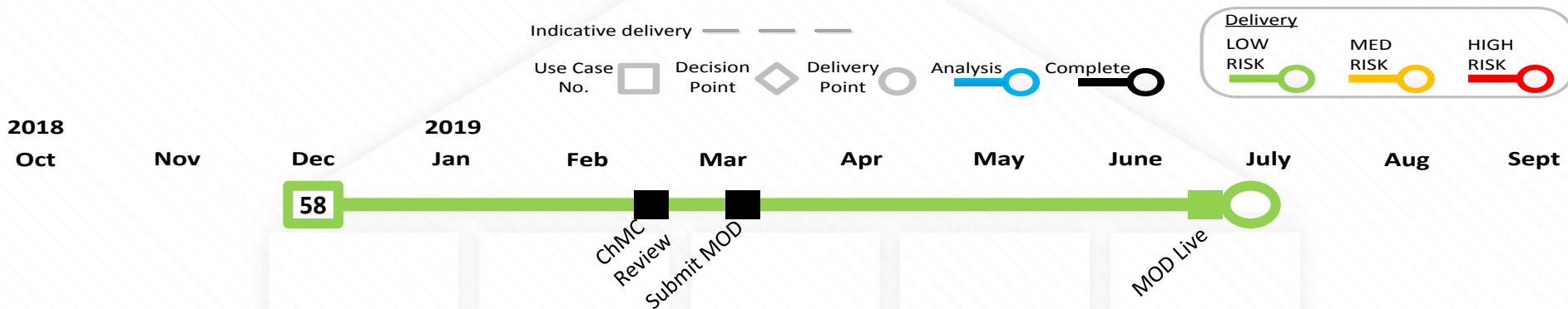
JMDG progression

JMDG agreed high priority progression. Ofgem attended December meeting to participate in discussion on solutions. JMDG agreed in Feb to progress two options to MRA change assessment. Gemserv has raised “self service” option with MEC. Subject to MEC agreement we will raise a Change Proposal.

Options Overview

- ECOES contains meter information (meter serial number, meter type) which would allow FiT Licensees to identify if import MPAN associated with a FiT Generator had a smart meter installed

58 MAP API [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 supply meter point

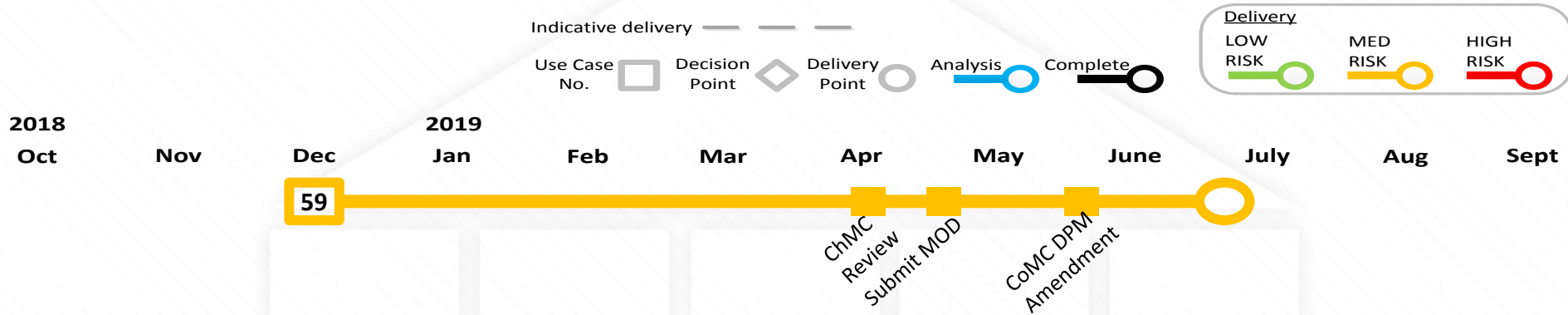
JMDG progression

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
- **Dependency:** Change is dependant on MOD and Data Permission Matrix (DPM) Amendment approval. MOD due to go-live on 28th June

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

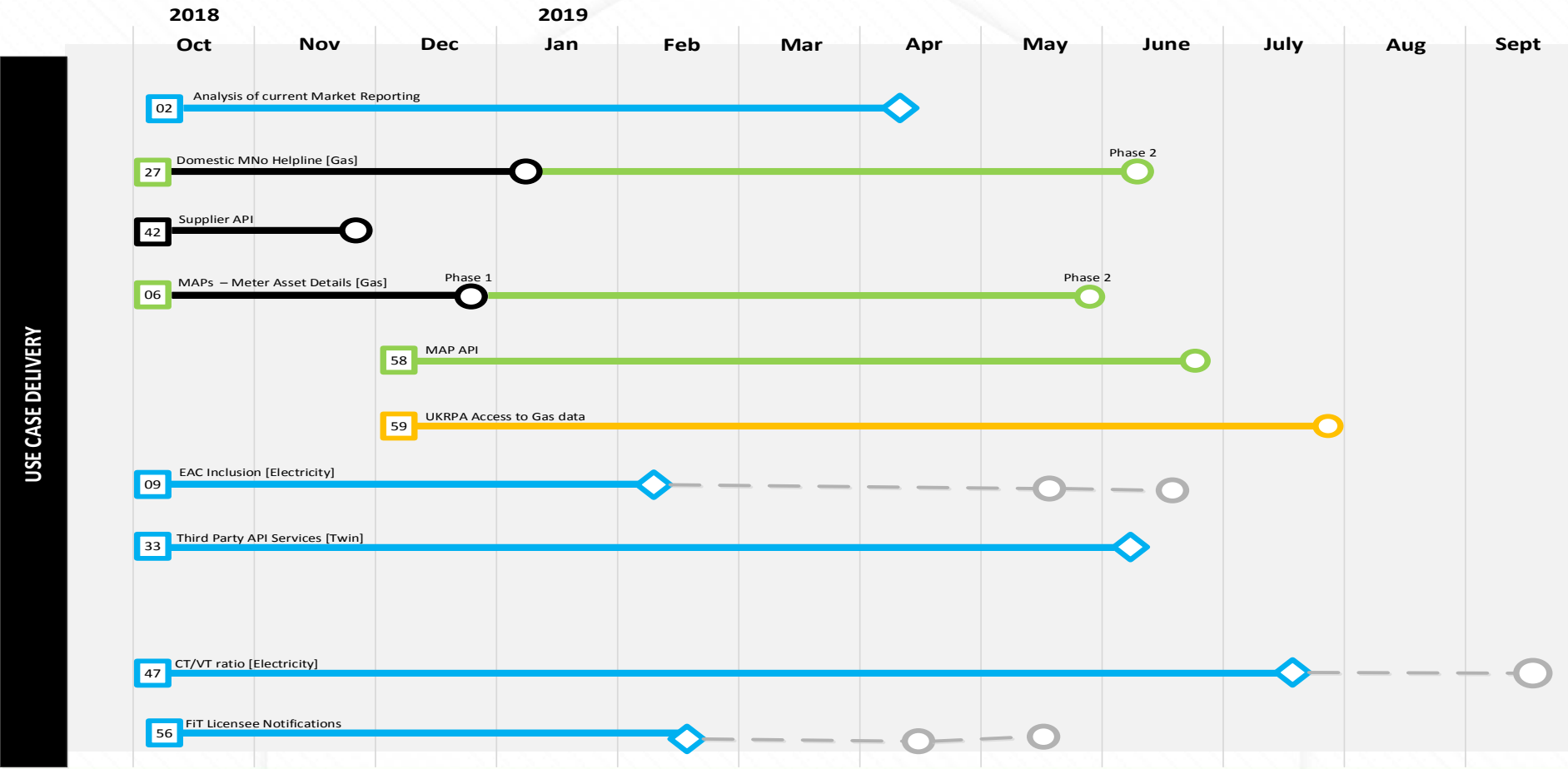
Assessed, prioritised, requested project team to move to delivery

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

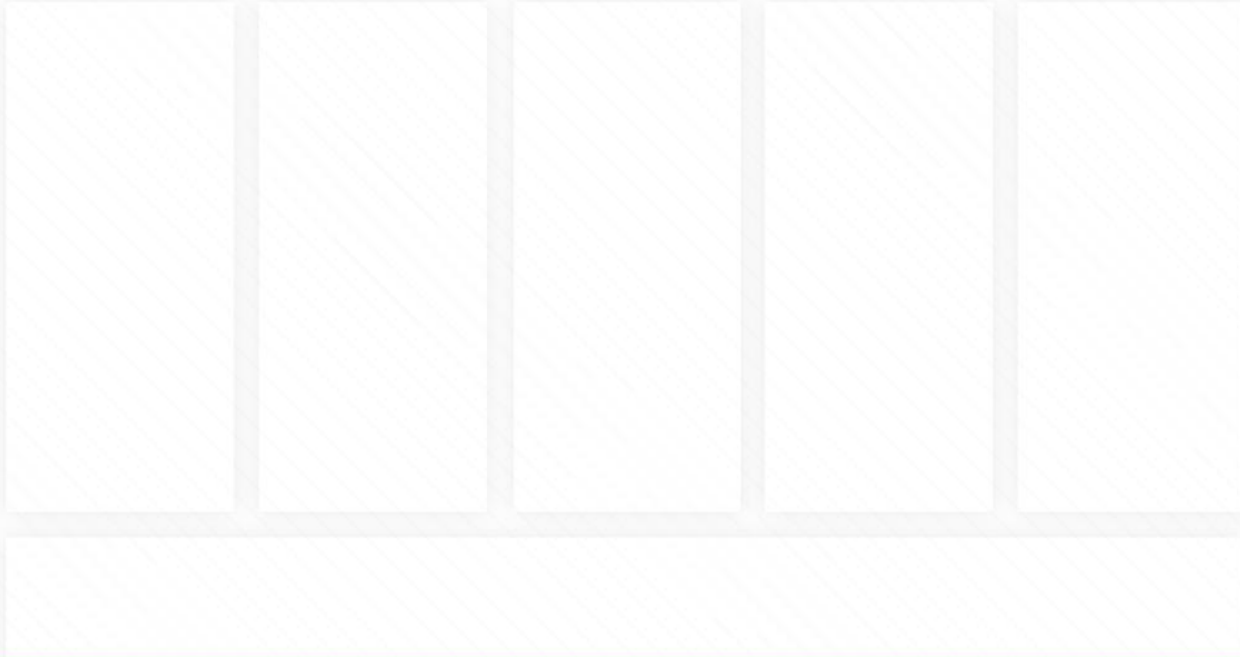
Market Intelligence Service (MIS) Roadmap

VERSION 2.9



12. Action Updates

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



13. AOB

