

Project Nexus Delivery Group [PNDG] Status Report

29 June 2016

Covering the period: 10/06/16 – 23/06/16

ofgem

Agenda

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Minutes can be found on the **ofgem** website at:
<https://www.ofgem.gov.uk/gas/retail-market/market-review-and-reform/project-nexus>

Programme Overview

*Action may be required by multiple individuals and not specifically related to the party rated.

	Project Delivery	Market Trials	Data	Transition	GONG
Overall	● ↔	● ↔	● ↔	● ↔	○
Xoserve	● ↔	● ↔	● ↔	● ↔	●
Baringa view of Xoserve	● ↔	● ↔	● ↔	● ↔	○
Participants	● ↔	● ↔	● ↔	● ↔	●

Project Nexus:

Status ● Trend ↔

Completion Date:

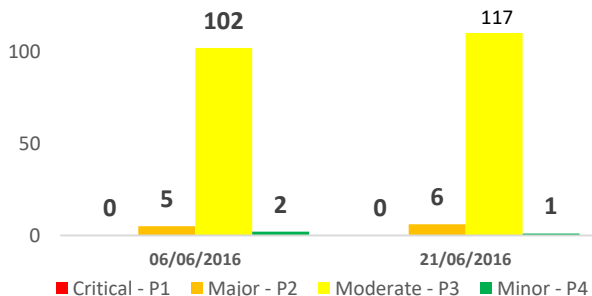
1st October, 2016

- Poses significant risk to go live – immediate mitigation required*
- Go Live At risk - manageable with mitigation*
- On track
- Complete
- N/A or No information
- ↑ Increase in severity since previous report
- ↔ No change in status
- ↓ Decrease in severity since previous report

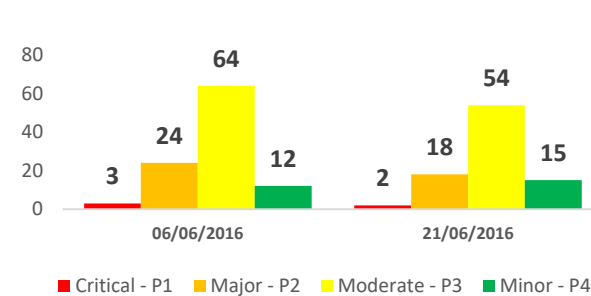
Key Risks, Issues, and Decisions [Commentary]

- **R048:** Participants and Xoserve may not be aware of, may have misinterpreted or may not adhere to the published baseline of File Formats, leading to a large number of exceptions.
- ★ **R014:** Xoserve and EDF, npower, Scottish Power and SSE have reached an impasse over the delivery of a bespoke portfolio report for go-live.
- **R031:** Xoserve may fail to provide clarity over current and future design changes which could result in delayed key milestones.
- **R045:** Xoserve may be unable to complete the required transition activities within the cutover period. This could lead to an extension of the non-effective days.
- **R046:** There is a risk of workarounds and defects post Go-Live that could have an operational impact on shippers and Xoserve
- **R047:** Key industry processes such as transfer of ownership may not be operable across industry post go-live, adversely impacting customers.
- **D002:** Redrawn programme plan – Item closed.
- **D003:** Move T1.1 Milestone – Item closed.
- **D004:** Add DMCT3 delivery Milestone – Item closed.

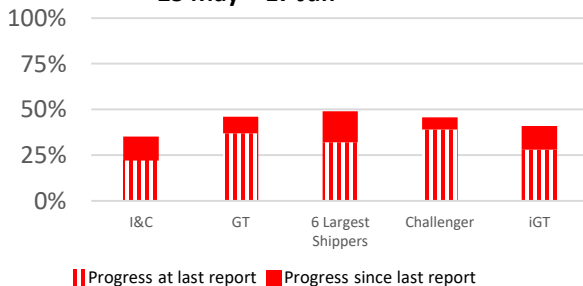
Quantity of Open Market Trials Defects



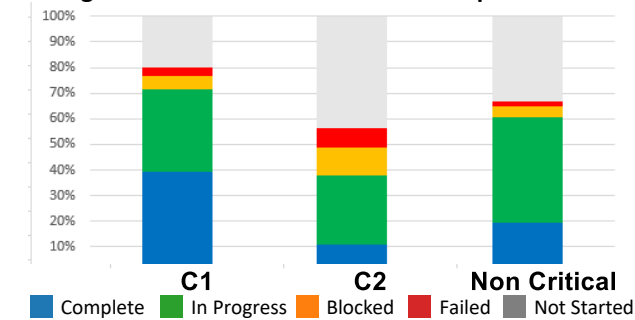
Open Number of Xoserve UAT Defects



Average % Complete of Market Trials since 23 May – 17 Jun



Average % of Market Trial Scenario's Completed



Programme Commentary

Overall RAG Commentary : The Project Nexus Programme continues to track RED due to concerns around risks to programme delivery, progress in market trials, compressed data migration testing and a lack of detailed industry-wide transition plans. The red status triggered Ofgem's consultation that was issued on the 2 June 2016. In the mean time, market participants and Xoserve should continue to execute delivery against the current plan. Some positive progress is being reported in market trials where confidence appears to be growing that blocking defects are being removed.

Project Delivery →

The Project Delivery Workstream remains RED due to high degree of parallelism, high degree of risk and discomfort over aspects of the critical path. There have however been some key achievements as detailed below:

Functionality:

- US solution was delivered into the MT environment. The July MT invoice run will therefore include US.
- Release 9 (file format changes) remains on track for 30 June delivery.
- Planning completion of the final 1% of UAT test cases will complete on 1 July. This is time consuming due to complexity of upstream process and data requirements.

Performance testing:

- Baseline testing results suggest performance will meet requirements.
- Baseline to complete 24 June (planned 19 June). The plan is being reviewed to accommodate the delay.

Market Trials →

The MT Workstream remains RED. Overall completion is 43% and the average % complete per week is 2.9% since 20 May. This is not sufficient to achieve a 31 July completion of MT.

- Xoserve Primary Support of Core MT has been confirmed until 31 July 2016.
- Xoserve has confirmed that regression testing in August can be supported, confirmation will be provided regarding invoicing
- 7 of 18 participants have started US MT. Deadline for inclusion in July US invoice run has now passed.
- Feedback suggests MT blockers are easing and functionality is available. This may see an up turn in test completion however, assumes unblocked tests are not complex and can be completed without further defects or queries.
- Invalid defect rate remains high, an average of 45%, some weeks reaching 55-65% - lack of knowledge of legacy and new business processes being the major contributor.
- MTWG are reviewing how the MT exit criteria can provide confidence that the MT has completed.

Data →

The Data Workstream remains RED due to the complexity of the remaining data migration activities, compressed timelines and the complexity of data loads.

- The Bulk data load has been completed for NDM and is on track for completion for Data Migration & Class Change.
- DMTC3 Delta load is resolving a higher number of defects than expected. Another test load is required to confirm they are resolved before actual delta starts.
- Business data validation has been conducted on the migrated data and is on track to start 27 June.
- In readiness for iDT, previously identified defects are to be tested via mini test cycles, with iDR 1 planned for 18 July.
- iGT representation at this weeks DMG was well received by attendees.
- The 11 July has been earmarked as a date for participants to convene in the event of a re-plan.
- Revised DMG ToR with Xoserve for comment.

Transition →

The Transition Workstream remains RED due to dependencies on performance testing and data migration, combined with a lack of a detailed industry plans, cutover governance and upstream dependencies on data.

- TPG has agreed a forward work plan.
- The TPG scenario planning sub-group was well received achieving positive engagement from the 7 participants and Xoserve attendees. Going forward this will be held fortnightly. 5 key scenarios were worked through and these will be presented to the next TPG on the 5 July.
- Xoserve shared estimated durations of the critical catch up jobs during the NED period based on our baseline performance testing results to date and 2015 volumes for the same period. This was well received by the group.

GONG →

The GONG Workstream has not yet been RAG rated. Once an industry planning scenario has been selected following the result of the Ofgem consultation a RAG status and reporting will be applied.

A001

A036, A039, A046

A032, A043

A041, A044, A045

A011

Sandra Simpson & PwC

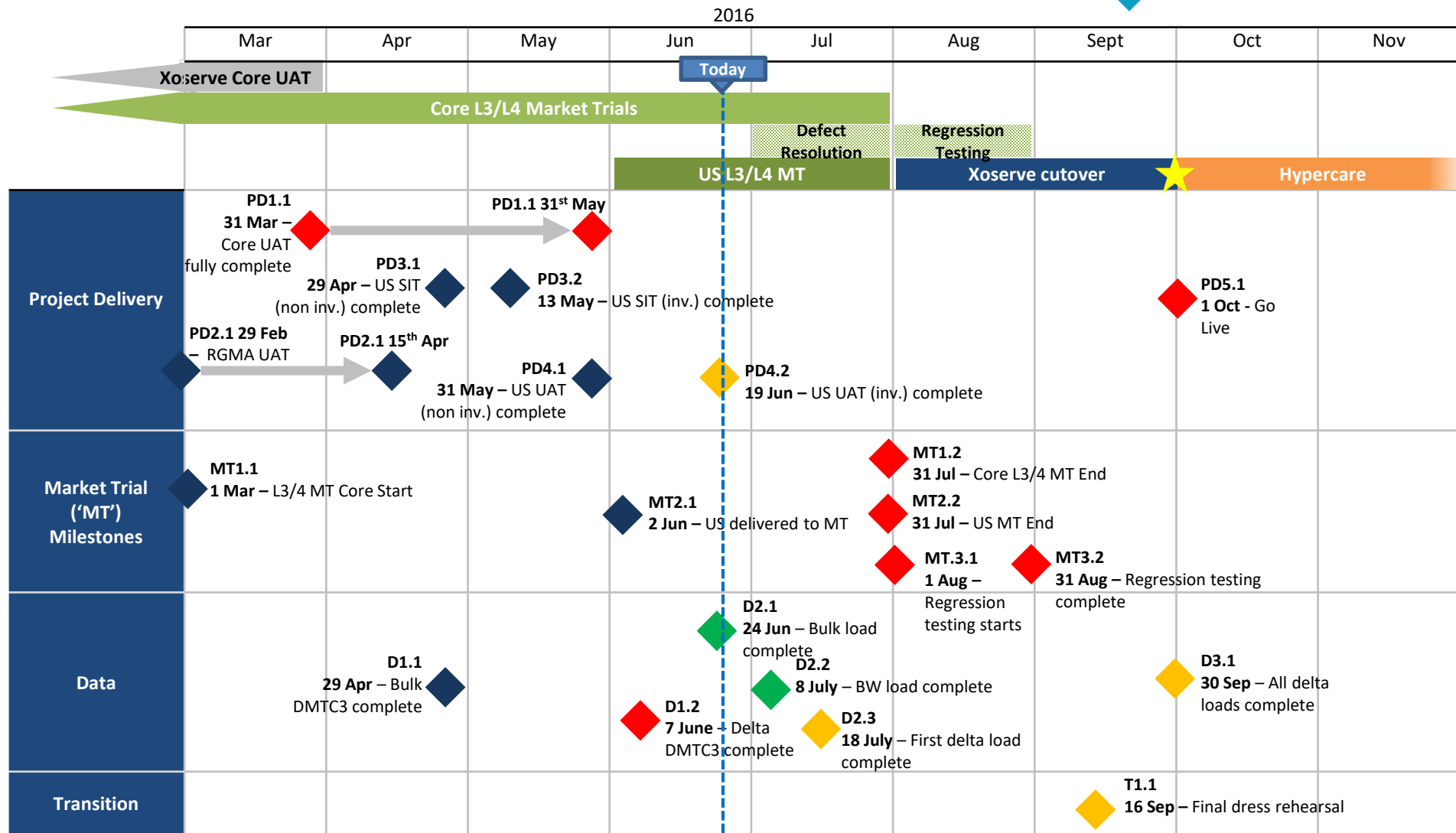
Martin Crozier

Andy Howe, John O'Keefe

Philip Russ

Martin Crozier




Programme Plan



Milestone RAG Key:

- ◆ Complete
- ◆ On Track
- ◆ Risk to individual milestone(s)
- ◆ Risk to go-live
- Slip/expected delay of milestone

Programme Risk and Issues

Risks and Issues	Workstream	Rating	Due Date	Mitigation/Actions	Progress as of 21/06/16	Owner
<p>NEW Issue I014: Xoserve and EDF, npower, ScottishPower and SSE have reached an impasse over the delivery of a bespoke portfolio report for go-live. Without an accurate portfolio view, the participants maintain that their settlements systems will have limited ability to validate invoicing.</p>	<p> New</p> <p>Transition</p>	<p> 12</p> <p>Impact: (4) Likelihood (3)</p>	28/06/2016	<p> NEW Action A072: Raise issue at PNDG to agree way forward</p>	<p>1) Xoserve have rejected the Change Request, on the grounds that it is a new requirement and therefore requires additional development.</p> <p>2) Named suppliers have responded that this is not a new request, requirements were originally shared in December 2015 and that without the bespoke report, accurate invoicing is restricted</p>	Xoserve/ Named participants

Ratings

>15

Extreme

9-15

Very High

4-9

Medium

4>

Low



Downgraded

Programme Risk and Issues

Risks and Issues	Workstream	Rating	Due Date	Mitigation/Actions	Progress as of 21/06/16	Owner
<p>Risk R031: There is a risk that Xoserve may fail to provide clarity over current and future design changes. This could cause delays in the delivery of key milestones.</p>	Project Delivery	<p>12</p> <p><i>Current Likelihood: Possible (3)</i> <i>Current Impact: Major (4)</i></p> <p>9</p> <p><i>Post-Mitigation Likelihood: Possible (3)</i> <i>Post-Mitigation Impact: Medium (3)</i></p>	31/07/2016	<p>1) Xoserve are to provide a definitive list of the outstanding items yet to be delivered to Market Trials (e.g. portfolio reports, invoicing thick files, complex reconciliation) and other functionality outstanding. Include target dates for each item. (A023)</p> <p>2) Xoserve are to provide a list of all design changes and issues being discussed within each of the committees/groups (e.g. PNSG, UKLINK, Market Trials). (A025)</p> <p>New NEW Action A073: Xoserve to extend design changes and issues tracking sheet to include the status of all changes wherever they are raised (e.g. MT, SDG, UKLink, etc.) and the dates for when those changes will be implemented.</p>	<p>1 & 2) Lists have been produced and is being updated in line with UKLink Committee decisions from the meeting on 25th May. The list can be found at:</p> <p>Functional releases to MT: http://www.xoserve.com/wp-content/uploads/MT-Functional-Readiness-20160601.pdf</p> <p>Design changes: http://www.xoserve.com/wp-content/uploads/Nexus-Industry-Open-Issues-20160527-v1R.pdf</p>	Xoserve

Ratings Extreme Very High Medium Low Downgraded

Programme Risk and Issues

Risks and Issues	Workstream	Rating	Due Date	Mitigation/Actions	Progress as of 21/06/16	Owner
R045: There is a risk that Xoserve may be unable to complete the required transition activities within the cutover period. This could lead to an extension of the non-effective days.	Transition	15 <i>Current Likelihood: Possible (3)</i> <i>Current Impact: Severe (5)</i> 8 <i>Post-Mitigation Likelihood: Unlikely (2)</i> <i>Post-Mitigation Impact: Major (4)</i>	16/09/2016	1) A062: Xoserve to confirm through their Implementation Dress Rehearsals that cutover activities can be completed in the required timescales.	1) This will be confirmed during the IDR processes. Under the current planning scenario, this is due to be completed around the 16 th of September	Xoserve
R046: There is a risk of workarounds and defects post Go-Live that could have an operational impact on shippers and Xoserve	Market Trials	15 <i>Current Likelihood: Possible (3)</i> <i>Current Impact: Severe (5)</i> 6 <i>Post-Mitigation Likelihood: Unlikely (2)</i> <i>Post-Mitigation Impact: Medium (3)</i>	29/07/2016	1) A063: L3/L4 exit criteria to include information around numbers of defects and potential for operational issues post go-live.	1) Workarounds and defects will be monitored against the MT L3/L4 exit criteria. These will feed into the GONG assessments http://www.xoserve.com/wp-content/uploads/Market Trials Approach L3_4 V1 2 FINAL.docx	PwC

Ratings

>15

Extreme

9-15

Very High

4-9

Medium




4>

Low



Downgraded

Programme Risk and Issues

Risks and Issues	Workstream	Rating	Due Date	Mitigation/Actions	Progress as of 21/06/16	Owner
R047: Key industry processes such as transfer of ownership may not be operable across industry post go-live, adversely impacting customers	Project Delivery	 <i>Current Likelihood: Unlikely (2)</i> <i>Current Impact: Severe (5)</i>  <i>Post-Mitigation Likelihood: Possible (3)</i> <i>Post-Mitigation Impact: Low (2)</i>	31/07/2016	1) A064: Xoserve to report to the PMO on numbers of successful TOO transactions by shipper (Xoserve)  New Action A074: PwC will assess key industry processes coverage as part of their assurance report for market trials level 3/4 exit.	1) Complete. Xoserve send this report on a weekly basis 2) Action 2 is ongoing as part of PwC assurance activity	Xoserve & PwC

Ratings

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Extreme

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Medium



4>

Low



Downgraded

Programme Risk and Issues

Risks and Issues	Workstream	Rating	Due Date	Mitigation/Actions	Progress as of 21/06/16	Owner
<p>R048: Risk that participants and Xoserve may not be aware of, may have misinterpreted or may not adhere to the published baseline of File Formats, leading to a large number of exceptions.</p>	Market Trials	<p>16</p> <p><i>Current Likelihood: Likely (4)</i> <i>Current Impact: Major (4)</i></p> <p>9</p> <p><i>Post-Mitigation Likelihood: Possible (3)</i> <i>Post-Mitigation Impact: Medium (3)</i></p>	10/08/2016	<p>1) Xoserve are to ensure Change Control of the File Format Baseline Sheet is maintained (Xoserve)</p> <p>2) Xoserve are to make sure that all changes are effectively agreed and communicated through the right channels (e.g. UK Link Committee).</p> <p>3) Xoserve to make sure that the process for the above is clearly documented - including roles and responsibilities.</p> <p> NEW Action A075: Xoserve are to reconfirm and communicate the current baseline</p> <p> NEW Action A076: Participants to raise any concerns with respect to the above by 12/07/2016</p>	<p>1) Complete</p> <p>2) Complete</p> <p>3) Joint Office</p>	Xoserve MTWG

Ratings

>15

Extreme

9-15

Very High

4-9

Medium


<4

Low



Downgraded

Programme Decisions

#	Decision	Status	Due Date	Areas of Programme Affected	Comments (01/06/16)	Outcome
D004	<p>Programme plan has been redrawn to reflect the current position following a review by PMO and Xoserve. This includes:</p> <ul style="list-style-type: none"> • PD4.1 to have a revise date of 31 May 2016 instead of 27 May 2016 to correct the schedule • PD4.2 to have a revised start date of 19 June 2016 instead of 10 June 2016 to correct the schedule. • PD5.1 to become MT3.1 with a revised start date of 1 August 2016 instead of 1 June 2016 to support regression testing. • PD5.2 to become MT3.2 Change the date from 31 July 2016 to 31 August 2016 to allow one month of regression testing. Note: Xoserve to confirm they can provide primary support for regression testing during August. • MT1.2 Core L3/4 MT End - Change the date from 30 June 2016 to 31 July 2016 to extend full MT Core testing through July subject to Xoserve's confirmation that they can provide primary support for full MT testing during July. • D2.1 Bulk & BW load complete split into three milestones indicating the segments of work – D2.1 Bulk load complete, D2.2 BW load complete, D2.3 First delta load complete. • D2.1 Bulk load complete status as amber instead of green to reflect current progress. • D2.3 First delta load complete status as amber instead of green to reflect current progress. • T1.1 Final dress rehearsal status as amber instead of green to reflect current progress. 		13/06/16 (PNSG)	All	PNDG Recommendation: The PNDG on 31 May 2016 have recommended the use of the updated programme plan to allow for accurate reporting prior to any decisions as a result of the positioning paper to be published on 2 June.	PNSG Approved

Programme Decisions

#	Decision	Status	Due Date	Areas of Programme Affected	Comments (01/06/16)	Outcome
D002	Move milestone T1.1 Final Dress Rehearsal from 1 August to 16 September as this was mistakenly labelled as completion of the Final dress rehearsal but is actually the completion of the first.	●	13/06/16 (PNSG)	Transition	PNDG Recommendation: The PNDG on 17 May 2016 have recommended milestone T1.1 be moved from the 1 August to 16 September to correct the schedule.	PNSG Approved
D003	Addition of milestone for delivery of remaining DMTC3 activity.	●	13/06/16 (PNSG)	Data	PNDG Recommendation: The PNDG on 17 May 2016 have recommended the addition of a data milestone as the full DMTC3 cycle runs until June with the current milestone D1.1 tracking bulk DMTCs load, which is complete. Additional milestone is suggested to track delivery of remaining DMTCs in line with Xoserve plan.	PNSG Approved

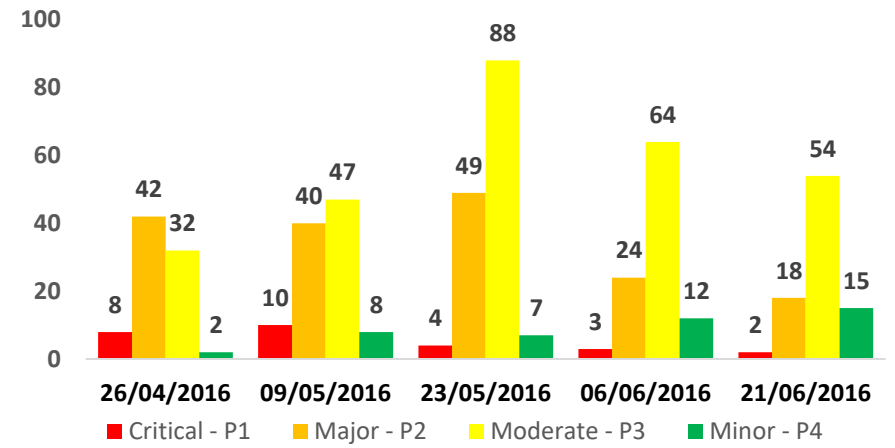
Project Delivery – Progress

Key messages from Xoserve (as @ 21/06/16):

- All pre-invoice cycles have completed execution.
- The 1% of open UAT tests are the Reconciliation invoice (Rec) scenarios that could not be tested (due to data issues) in the target environment, these are being re-planned which is due to complete 1 Jul. This is not expected to impact on Market Trials, despite Rec being in progress, as the complex up-stream processes required for these scenarios have not yet been seen in MT testing.
- Unique Sites (invoice) Acceptance Testing is in progress, the release will be deployed into MT ready for use in the July invoicing run.

New Action: Xoserve are requested to provide further granularity of information regarding defects such as, the categories they fall into, where they reside, and how long they have been open for.

Open Xoserve UAT Defect Status

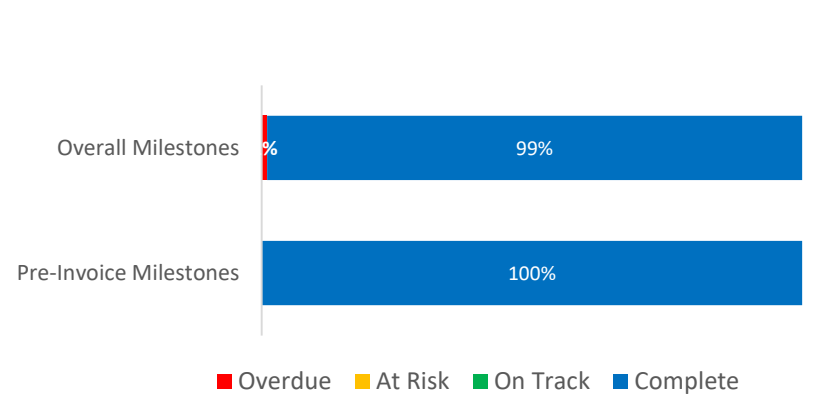


Overview of Project delivery status as at 21/06/16

Process Area	% of Tranche Activities Remaining	Remaining as a % of Total Test Cases	Expected Completion Date
SPA (T1A)	-	-	Complete ●
RGMA (T1B)	-	-	Complete ●
Reads (T2A)	-	-	Complete ●
AQ/CWV (T2B)*	-	-	Complete ●
Invoicing (T3)	99	1	Unknown ●
CMS/Gemini (T4)	-	-	Complete ●

*AQ/ Correctional Weather Variance

E2E Progress as of 21/06/16



Project Delivery - Milestones

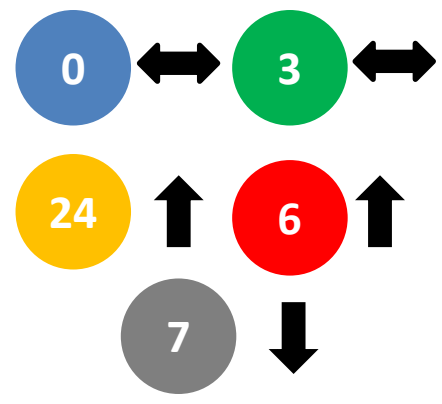
Xoserve Milestones	RAG	Trend	Progress/Comments from Xoserve as of 06/06/16	Actions	Action Owner
PD1.1 Core UAT Fully Complete			Planning and re-running of up-stream processes to generate Reconciliation scenarios is in progress. Market Trials has not seen any of the data required to generate these scenarios.		
PD4.2 US UAT (inv.) complete			Invoice related testing in progress and planned to complete late on June 22 nd but prior to the first US MT invoice runs in July.		
PD5.1 Go-Live			Covered under GONG – When the POAP is updated this will reflect the change and be moved from this segment of the report.		

Market Trials- Progress

Key Messages (based on portal submissions up to 17/06/16):

- 33 of 44 participants submitted a self-assessment.
- Participants should now be reporting their RAG status against the 31 July completion date for market trials (as per decision D004).
- Participants report their key challenges as functionality gaps, blocking defects, partnering co-ordination and data availability.
- Internal defects and resource challenges are being raised by a smaller number of participants as blockers.
- Portal feedback indicates that some of these challenges are now beginning to ease.

Total participant view of progress



Key

n	Number of participants reporting behind test schedule and unlikely to complete in timeframe
n	Number of participants reporting off track but remediation activities will support completion in current timeframe
n	Number of participants rating on track with test schedule
n	Number of participants reported to have completed test schedule
n	Number of participants that did not supply information

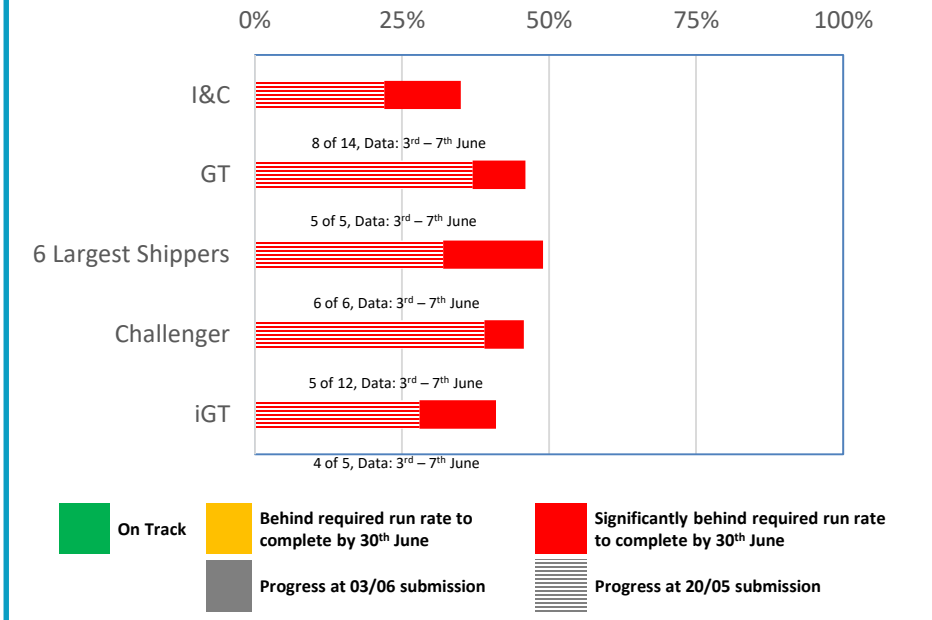
Participant	Status	Comments as of 07/06/16	Actions	Responsible
6 Largest Suppliers	0 0 4 2 0	The number of participants providing a response in the portal has increased from 28 in the previous submission to 33. The spread of RAG status remains broadly the same with one GT and one iGT moving from green to amber and one challenger moving from amber to red. Further analysis is required to understand whether participants are now providing a RAG status based on a 31 July MT Exit following the extension from 30 June.	A046 A069 Investigation into market trials blocking issues and identification of solutions to progress MT A070 Escalate non responsive participants to SF attendee to provide better data quality for reporting.	PwC
I & C	0 0 8 1 2			
Challenger	0 2 4 3 4			
GTs	0 1 4 0 0			
iGTs	0 0 4 0 1			

Market Trials - Progress

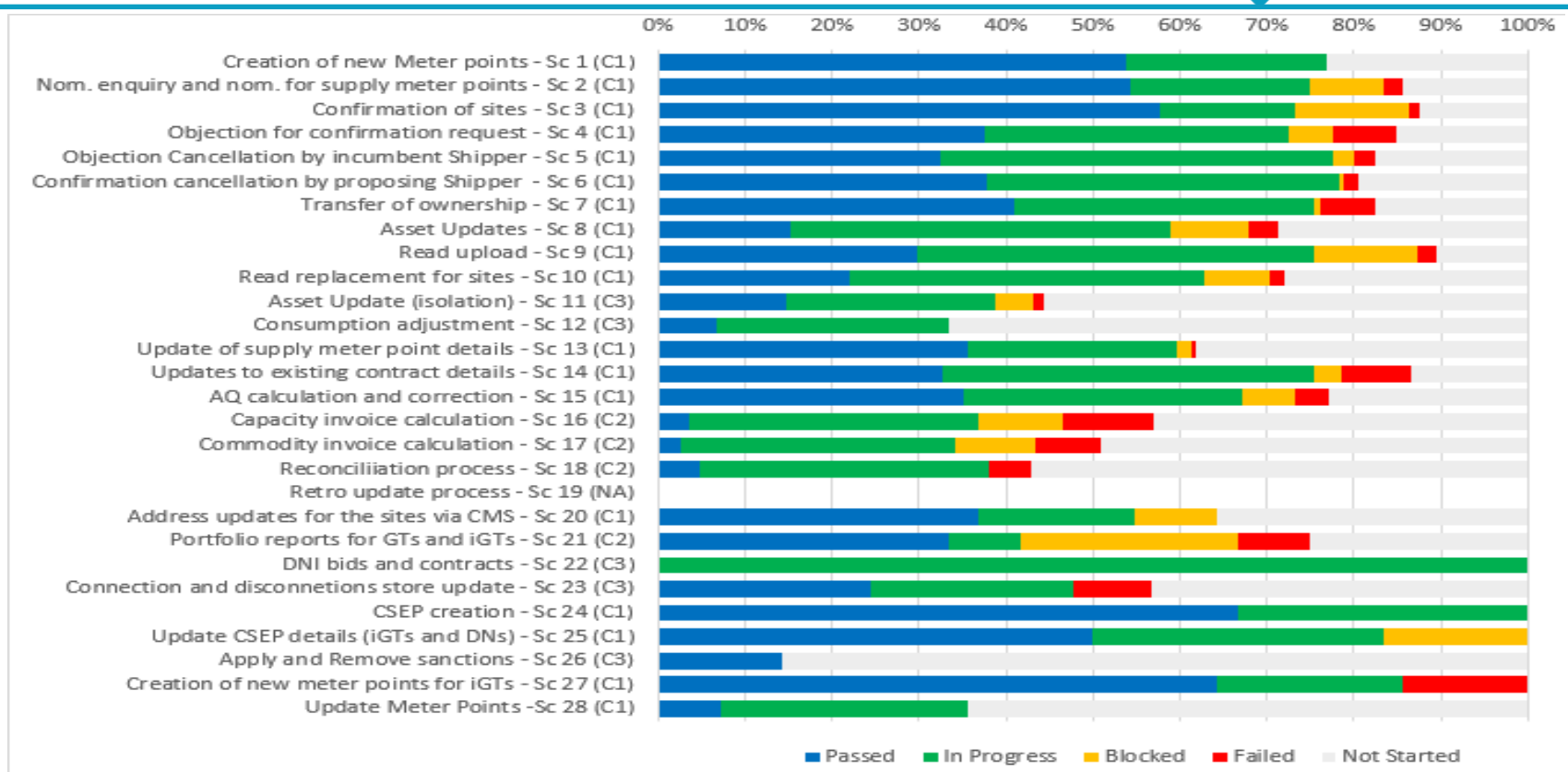
Key Messages (as at 21/06/2016)

- Overall completion across the market ranges from 0 % to 98%, with the average equating to 43%.
- - The average % complete per week is 2.9% since 20 May. A higher rate of 9.5% per week is required to complete by 29 July.
- - At present projections, assuming the present run rate, only 2 participants are expected to be complete by 29 July.
- - PwC have initiated an assurance review to analyse root causes of blockers and identify actions to support an increase in test progress.

Average % Complete of Market Trials since 23 May – 17 Jun



Market Trials – Scenario Progress

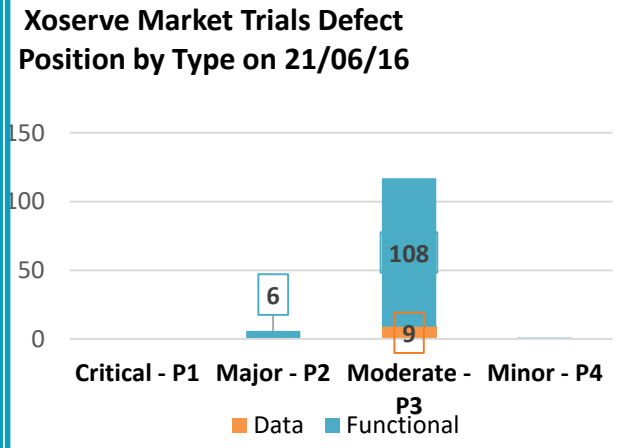
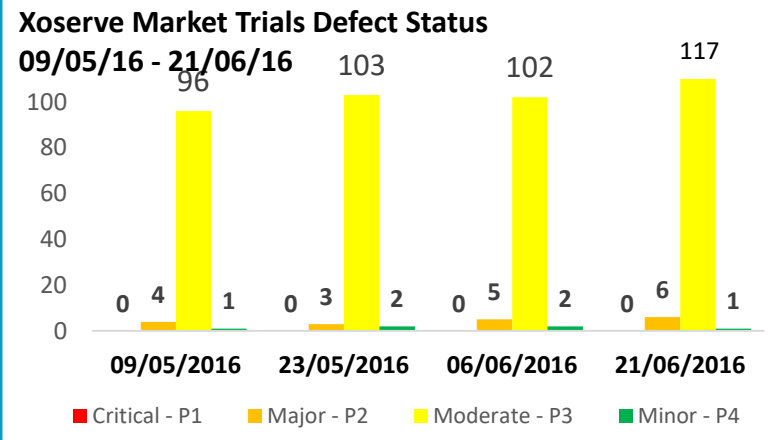


Note: Blocked refers a scenario that cannot be progressed due to various factors e.g. blocking defects, partnering coordination, data quality issues.

Key Messages (updated 21/06/16):

- Greatest progress has been made on scenarios where functionality was delivered earlier in MT. For example, scenarios that form part of the Transfer of Ownership Process (e.g. Sc1 to Sc7).
- The highest percentage of 'failed' tests are scenarios 14, 16, 17, 21, 23 and 27.
- Testing is least progressed for Scenarios 11, 12, 18 and 26, however, these are 'C3' and therefore less critical for MT Core Exit.

Market Trials - Defects



149 IT360 tickets currently open

65%
of IT360 tickets raised in last two weeks related to invalid defects.

50 % of all closed tickets are invalid.

Key Messages (21/05/16):

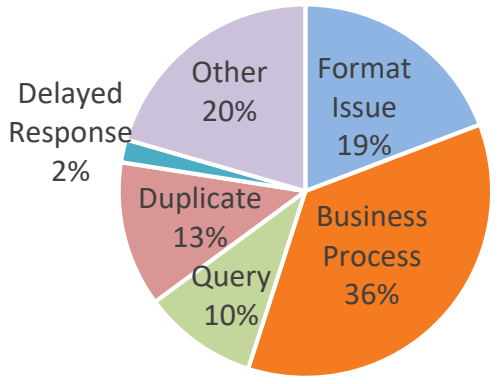
- Weekly Defect prioritisation calls continue, with only 16 of 37 participant (defect report) responses received by 0900hrs, 17th June.
- 13 of 20 prioritised defects from 10th June were closed out by CoB on 17th June.
- The rate of invalid defects on closure fell over the w/c 13th June. Out of the 35 defects closed, 1/3 were classified as invalid.
- Analysis of those invalid defects, identified 48% of those being attributable to a lack of “business processes” knowledge.
- A single defect was identified as blocking 70% of a participant’s test cases [*Defect ID 9981 – MT L3 - P - IT360 534173 - SAP ISU - NOM - missing responses for unique site enquiry – 383*], this defect is being worked on as a matter of priority.
- Two participants reported the following defects having significant impacts as follows:
 - Participant 1: 8922 - MT L3 - P - 521130, 525908 - SAP BW - EQL - Meter Models with an extra double quote in EQL file: TAP affected (**Reopen**) (**30% of test cases blocked**)
 - Participant 1: 10160 - MT L3 - P - IT360 536502 - Portal - Raised a fault for 3 MPRNs and fault still outstanding after trying to close it (**Assigned**) (**25% of test castes blocked**)
 - Participant 2: 10072 - MT L3 - P - IT360 534844 - SAP ISU - RSP - file has been wrongly rejected (**Reopen**) (**20% of test cases blocked**)

Market Trials – Invalid Defects

Key Messages (21/06/16):

- 48% of invalid defects are due to lack of “business processes” knowledge.

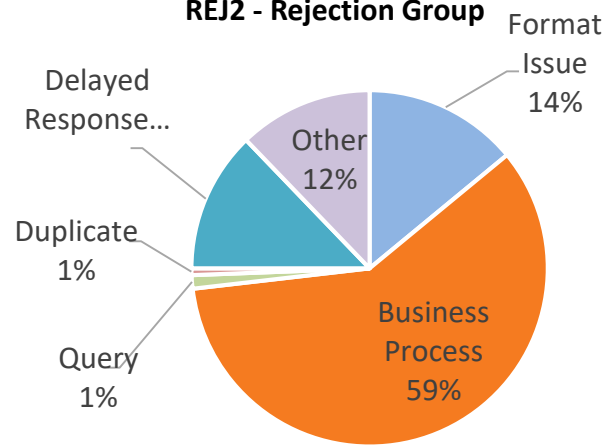
REJ1 - Rejection Group



Rejection Group	REJ1
Format Issue	29
Business Process	54
Query	15
Duplicate	19
Delayed Response	3
Other	31
TOTAL	151

- These are rejected at the first stage when tickets are raised in IT360 – these are not registered on HPQC. Investigation within MT team and / or first Triage.

REJ2 - Rejection Group



Rejection Group	REJ2
Format Issue	23
Business Process	97
Query	2
Duplicate	1
Delayed Response	21
Other	20
TOTAL	164

- These are rejected following investigation by SMEs or functional leads.

Market Trials - Milestones

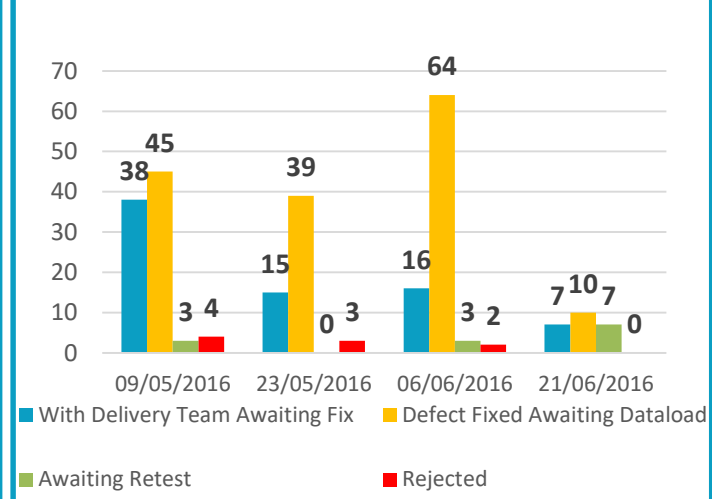
Market Trials	RAG	Trend	Progress/Comments from Xoserve as of 06/06/16	Actions	Action Owner
MT1.2 Core L3/4 MT end			A continued red RAG status can be attributed to the average run rate achieved not meeting the required rate of progression. The average required run rate is now 6.6% higher than current average rate and at current progress, average completion will be 60% for a 31 July completion.	A036, A039, A046 NEW Action: A071 Assess transaction volumes and failure rates to identify areas of concern.	MTWG
MT2.2 US MT End			US continues to be slow with 7 of 18 participants having requested site confirmation from Xoserve to allow testing in the July invoice run. There also appears to be a blocking defect 9981 on the CSO sites, which is impacting a small proportion of US. US invoicing functionality was expected to be delivered into MT 19 June however, it will be ready to support the start of the July invoicing cycle on 1 July.		
MT3.1 Regression testing starts			At risk due to slow progress in market trials.	A046, A052	MTWG
MT3.2 Regression testing complete			At risk due to slow progress in market trials.		

Data Migration- Progress

Key Messages (23/06/16):

- Progression of Bulk data load activities is complete for NDM (average technical upload success rate of 99.5%) and on track for completion for DM & CC. There is a need to articulate exactly what datasets (e.g. Meter Point, Meter Read) make up the remaining 0.5% in order to communicate the data fall out and link to reported data defects.
- Business Data Validation on the migrated data is on track to start 27 July.
- iDR Prep – Several defects raised prior are being tested via additional mini test cycles to retest issues found in DMTC3. Still planning to commence iDR1 on 18 July.
- Draft DMG ToR shared with Xoserve for comment and broadened role of the DMG going forward discussed with DMG. ToR to be posted on Xoserve website for DMG comment.
- Discussed the requirement for a reconciliation between portfolio of iGT, Xoserve and shipper at iGT SSP Forum. It was agreed that iGTs are to provide Shipper level MPRN summaries together with their monthly/weekly data submissions.
- There was iGT representation at this week’s DMG that was well received by the attendees.
- In the event of a re plan, the week of 11 July was agreed upon to convene in order for participants to contribute to re plan.

Data Bulk Defect Position as of 21/06/16




Milestones	RAG	Progress/Comments as of 07/06/16	Actions	Action Owner
D1.2.DMCT3 Delta Complete	Red Diamond with double arrows	DMTC3 Delta load is resolving a higher number of defects than expected. Another test load is required to confirm they are resolved before actual delta starts		
D2.1 BW bulk load complete	Green Diamond with double arrows	Currently on track. Dependent on Bulk load which will be closely monitored		
D2.2 BW load complete	Green Diamond with double arrows	Progressing on track.		
D2.3 First Delta load complete	Yellow Diamond with double arrows	Dependent on completion of 1.2.		
D3.1 All Delta loads complete	Yellow Diamond with double arrows	Dependent on completion 2.3.		

Transition - Progress

Key Messages (as @ 21/06/16):


- TPG have determined the Transition to be red due to the outstanding dependencies, including:
 - Performance testing;
 - Outstanding transition products; and
 - The completion of the iDRs.
- Performance test and the iDRs are currently being tracked and a forward plan for the TPG products has been put in place to deliver these in advance of the deployment date.
- TPG has agreed a forward work plan.
- Transition Progress Group took place on the 21 June where the following activities were covered:
 - A briefing on performance test was provided to inform participants on timings and progress.
 - iDR Overview – Xoserve provided an overview of their planned iDR process and showed their transition PoaP.
 - Low Level Transition Design – iGT Update – The iGT process flows have been included within the LL transition design and this is now considered as baselined at v1.3.
 - Communications Approach – The initial draft was walked through. Review comments have been returned and a final copy is due at the TPG on the 5 July.
 - The subgroup for Reporting through cutover and stabilising post go-live provided their initial view of the requirements. Further work needs to be completed before a draft is submitted.
 - A request was made by PwC for an owner for the hypercare approach between Xoserve and the market participants. There were no volunteers for owning the approach and so there is a risk that the product delivery may slip. To mitigate, Xoserve are currently investigating if there is any change from BAU.
- Next TPG is scheduled for 5 July 2016.

Milestones	RAG	Progress/Comments as of 21/06/16	Actions	Action Owner
T1.1 Completion of first dress rehearsal complete		Currently on track. Will closely track upstream activities and success / output of IDR1 & 2		

GONG - Progress

Key Messages (07/06/16):

- The GONG Assessment Framework is aligned to the four success criteria which are that: the solution meets industry requirements, is stable, sustainable and enables a positive consumer experience.
- The assessment process will include three assessment points, G1, G2 and G3. In addition, organisations may be requested to update their status prior to the PNDG or PNSG. Where this is the case a communication will be issued in advance.
- At each assessment point, organisations will be asked to self-assess their attainment of criteria relevant to that assessment point and provide a forecast assessment for future points.
- The organisations self assessment will use a green, amber and red rating the definitions for which can be found in the framework.
- Organisations will be requested to provide evidence to support their status and additional advice will be provided following the finalisation of the GONG framework.
- The assessment period is currently planned to operate from July 2016 – to go-live. The timings of G1, G2 and G3 assessments will vary according to the planning scenario that is adopted by Ofgem.
- Relevant metrics and dashboard to be developed to align with GONG Assessment Framework.

Milestones	RAG	Comments as of 07/06/16	Actions	Action Owner
PD5.1 Go live		Concerns over current run rate of market trials and the challenges highlighted in data and transition result in no change for current Go Live status.	All previously noted actions required to support delivery of Project Nexus.	As detailed in Action Log

Appendices

#	Title	Slide
1	Action Log	25 - 32
2	Release Management Plan	33 - 35
3	Baringa CSA Programme Report	36 - 39
4	Working Group Meetings	40
5	Hot Topics	41
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Action Log

Action #	Action	Progress (as of 22/06/16)	Action Owner	Status	Due Date	PNSG/ PNDG
A001	Project Delivery: Xoserve to continue delivery of UAT to current plan.	UAT 99% complete, complex data set up required to complete final 1% of scenarios, time consuming to prepare.	Xoserve	Overdue	31/05/16	PNDG
A011	GONG: Finalise GONG criteria to a suitable level of granularity to support the ongoing readiness testing across the industry.	GONG criteria has been published for review on 2 nd June.	PwC	On Track	02/06/16	PNSG
A025	Provide a list of all design changes and issues being discussed within each of the committees/groups (e.g. PNSG, UKLINK, Market Trails).	This can be found at: http://www.xoserve.com/wp-content/uploads/Nexus-Industry-Open-Issues-20160527-v1R.pdf	Xoserve	Complete	19/05/16	PNSG
A027	New version of the Programme plan to be developed and include the Invoicing T3 milestone with a due date of 31/5/16.	Programme plan has been redrawn in collaboration with Xoserve to identify and determine the appropriate milestones. **Approved at PNSG, confirmation received from Xoserve, action is now closed.	PMO	On Track	02/06/16	PNSG
A029	Share Xoserve's overview of the P1 incident and subsequent actions with their constituents.	Confirmation received at last PNSG meeting.	PNSG Representatives	On Track	13/05/16	PNSG



Complete



On Track



At risk of not completing to due date



Overdue



New action (status TBD)

Action Log

Action #	Action	Progress (as of 22/06/16)	Action Owner	Status	Due Date	PNSG/ PNDG
A032	Refresh the overview of the governance bodies to outline all of the groups in place, the objectives of each, decision making process and the appropriate attendees. To include information on transition/close-down of existing groups.	This is underway with draft to be published 9 June. Propose to move date to 30 June.	PMO		26/05/16 → 30/06/16	PNSG
A036	PwC and Xoserve to respond to/consider MTWG recommendation regarding regression testing.	Xoserve will be extending their support for core market Trials to the end of July and for regression testing until the end of Aug. Industry consultation documents on 2 June present alternative scenarios for market trials testing, defect resolution and regression. A decision on the consultation is expected on 30th June. Propose to move due date to PNDG on 12 July after consultation period.	MTWG and Xoserve		12/07/16	PNDG
A037	Programme plan update for completeness and accuracy.	Programme Plan agreed at last PNSG	PMO and Xoserve		31/05/16	PNDG



Complete



On Track



At risk of not completing to due date



Overdue



New action (status TBD)

Action Log

Action #	Action	Progress (as of 22/06/16)	Action Owner	Status	Target Date	PNSG/ PNDG
A039	Xoserve to follow up on reported RGMA defect and see whether on the priority list and/or where they are with a response.	An interim fix was put in place for the “Irrelevant data set” defect on Friday 19 th May so that a general rejection code is provide rather than no rejection. Action will remain open until final solution put in place.	Xoserve		31/05/16	PNDG
A043	Expand the DMG and determine a new ToR to ensure data quality issues are appropriately managed.	Revised DMG ToR with Xoserve for comment.	PwC		23/06/16	PNDG
A044	TPG to conduct scenario planning exercises to confirm the impact of a lack of readiness on different participants (e.g. shippers, suppliers, GTs, iGTs), on each other and the market. TPG are to report the results to PNDG and recommend if any further mitigating actions are required.	An extraordinary session is scheduled for Friday 10 th June where a plan for the remaining TPG sessions will be created. Part of this will be a schedule to conduct the scenario planning. This workshop will complete the initial cut of scenarios before reviewing with the wider group at the TPG scheduled for the 5th July. Aiming for final sign off as part of the 19 th July TPG. (Target date moved to reflect this)	TPG		12/07/16 → 19/07/16	PNDG



Complete



On Track



At risk of not completing to due date



Overdue



New action (status TBD)

Action Log

Action #	Action	Progress (as of 22/06/16)	Action Owner	Status	Target Date	PNSG/ PNDG
A045	Develop an industry wide transition governance framework that incorporates the GONG criteria.	Once GONG Assessment framework is signed off, the governance framework will be developed and is scheduled to be signed off on the 19 July TPG.	TPG	On Track	19/07/16	PNDG
A046	Follow up with market participants identified as behind schedule with market trials testing to identify required remediation activities.	A review of all market participant progress is underway with a prioritised list of participants to be identified and appropriate activities planned.	PwC	On Track	30/06/16	PNDG
A047	Portal submission communication this week will include specifics on what timelines should progress be reported against.	Portal questionnaire due 17 June included the 31 July timeline.	PwC	Complete	14/06/16	PNSG
A048	Post mitigation scoring will be added to the risk reporting going forward	This approach has started in this report.	PwC	Complete	21/06/16	PNSG
A049	Review R044 to determine whether it should have its likelihood increased	The likelihood of this Risk occurring is possible with a severe impact rating which is 15.	PwC	Complete	21/06/16	PNSG
A050	Xoserve to confirm they can provide primary support for MT during July and for regression testing during August by midday on Friday 17th June.	Xoserve has confirmed they will provide their support.	Xoserve	Complete	17/06/16	PNSG
A051	Issue key messages from this meeting to PNSG representatives to share with their constituents.	Key messages were issued 14 June	PwC	Complete	14/06/16	PNSG

■ Complete
 ■ On Track
 ■ At risk of not completing to due date
 ■ Overdue
 ■ New action (status TBD)

Action Log

Action #	Action	Progress (as of 22/06/16)	Action Owner	Status	Target Date	PNSG/ PNDG
A052	MTWG to include in their work on MT blockers the identification of the reasons for the apparent slow uptake in US testing	Intended to be reviewed as part of the planned review of MT blockers.	MTWG	On Track	30/06/16	PNSG
A053	Include an open question in the portal submissions covering ability of participants to make progress	Portal questionnaire due 17 June included the 31 July timeline.	PwC	Complete	14/06/16	PNSG
A054	PwC to investigate with Xoserve to define programme level appropriate milestones for releases.	This is underway and will align with scenario selection.	PwC	On Track	29/07/16	PNDG
A055	Review to be completed for Risk 31 with Xoserve to identify what further action is needed to mitigate this risk.	New action A073 has been created for Xoserve to extend design change and issues to include status of all changes wherever they are and implementation dates.	PwC & Xoserve	Complete	23/06/16	PNDG
A056	Develop a list of which file formats are available and those that won't be available for market trials and send to PNDG members.	All files are available and the baseline(s) have been published for all groups; shippers, GTs, DMSPs, and iGTs.	Xoserve	Complete	17/06/16	PNDG
A057	Jon Dixon to provide information to participants on Ofgem's point of view regarding delays to change of supplier due to non-effective days.	An update to be provided as part UNC532 decision letter or subsequent document	Ofgem	On Track	08/07/16	PNDG
A058	Determine date for Invoicing to be put into MT environment with input from market participants.	Invoicing has been available in MTs since April. It's unclear why this action has been raised	Xoserve/ MTWG	New action (status TBD)	24/06/16	PNDG



Complete



On Track



At risk of not completing to due date



Overdue



New action (status TBD)

Action Log

Action #	Action	Progress (as of 22/06/16)	Action Owner	Status	Target Date	PNSG/ PNDG
A059	Ofgem to complete consultation process and provide a decision on scenarios.					
A060	Xoserve are to ensure Change Control of the File Format Baseline Sheet is maintained.					
A061	MTWG to determine approach to minimising risk with respect to conditionality. This could require some coordination of testing across market participants.					
A062	Xoserve to confirm through their Implementation Dress Rehearsals that cutover activities can be completed in the required timescales.					
A063	L3/L4 exit criteria to include information around numbers of defects and potential for operational issues post go-live.	Workarounds and defects will be monitored against the MT L3/L4 exit criteria. These will feed into the GONG assessments	MTWG		29/07/16	PNDG
A064	Xoserve to report to the PMO on numbers of successful TOO transactions by shipper.					
A065	MTWG to consider this report and determine required actions.					



Complete



On Track



At risk of not completing to due date



Overdue



New action (status TBD)

Action Log

Action #	Action	Progress (as of 22/06/16)	Action Owner	Status	Target Date	PNSG/PNDG
A066	GONG to include criteria that ensure that customers are protected.					
A067	Investigation into market trials blocking issues and identification of solutions to progress MT.					
A068	Escalate non responsive participants to SF attendee to provide better data quality for reporting.					
A069	Investigation into market trials blocking issues and identification of solutions to progress MT					
A070	Escalate non responsive participants to SF attendee to provide better data quality for reporting.					
A071	Assess transaction volumes and failure rates to identify areas of concern.					
A072	Raise issue regarding user pay reports at PNDG to agree way forward.					

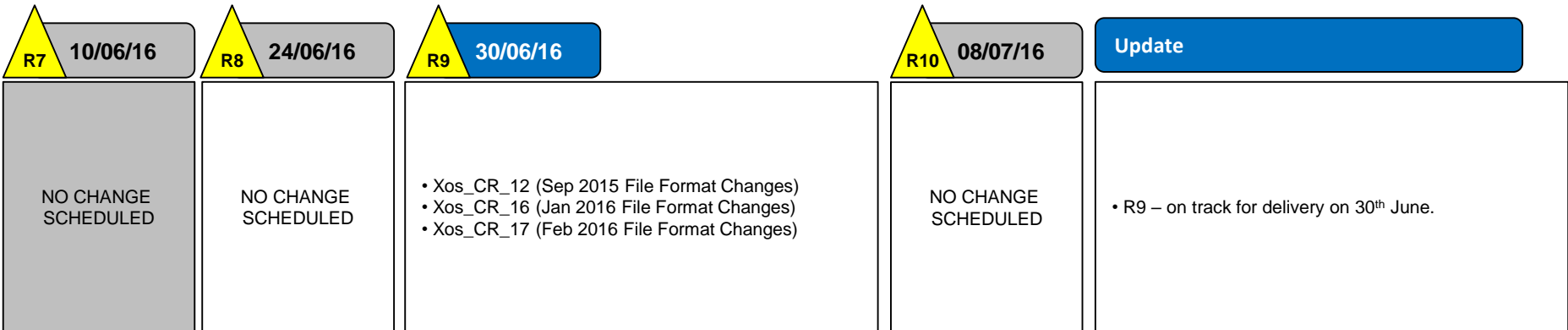
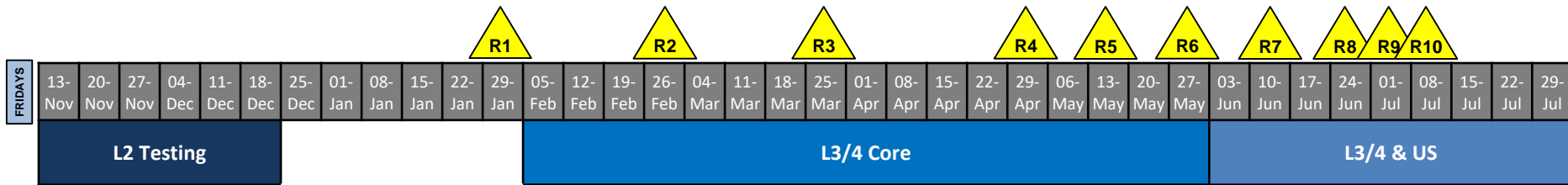
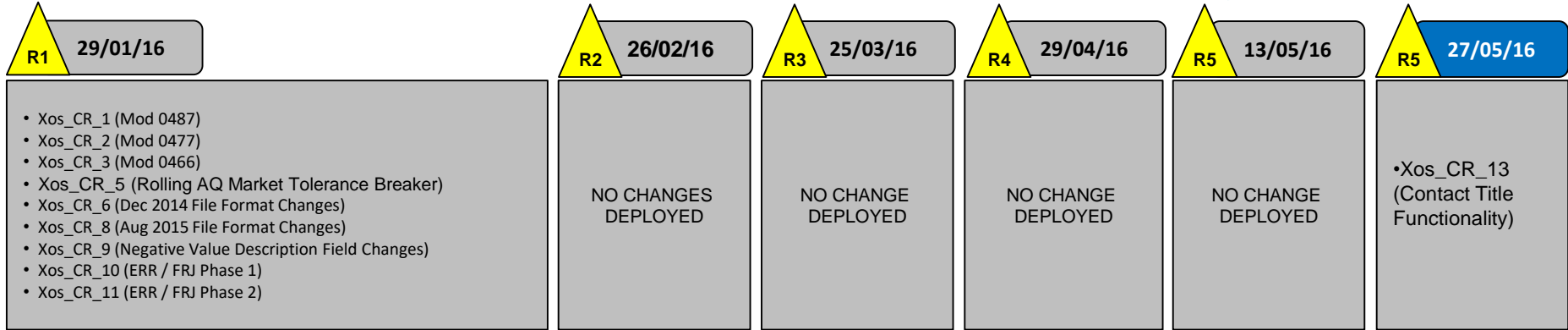
■ Complete
 ■ On Track
 ■ At risk of not completing to due date
 ■ Overdue
 ■ New action (status TBD)

Action Log

Action #	Action	Progress (as of 22/06/16)	Action Owner	Status	Target Date	PNSG/PNDG
A073	Xoserve to extend design changes and issues tracking sheet to include the status of all changes wherever they are raised (e.g. MT, SDG, UKLink, etc.) and the dates for when those changes will be implemented.					
A074	PwC will assess key industry processes coverage as part of their assurance report for market trials level 3/4 exit.					
A075	Xoserve are to reconfirm and communicate the current baseline.					
A076	Participants to raise any concerns with respect to the above by 12/07/2016.					
A077						
A078						
A079						

■ Complete
 ■ On Track
 ■ At risk of not completing to due date
 ■ Overdue
 ■ New action (status TBD)

Release Management Plan (1/3)



Release Management Plan (2/3)

Date Added	Xoserve CR No.	Industry Reference No.	Industry Change Title	Functional description of change	Impacted Stakeholders				Release No.
					Shipper	GT	DMSP	iGT	
01/12/2015	UKLP CRDBI005	Xos_CR_1	Mod 0487	File format changed to include AMR and ASP details. Changes made in GEA file to include ASP details in it. File for registration process changed to include the AMR indicator. Changes made in other interface systems such as the Business Warehouse to store the AMR and ASP information. The purpose of the MOD is to ensure that Suppliers can find out if Automatic Reading equipment is at site.	YES	NO	NO	NO	R1 - 29/01/2016
01/12/2015	UKLP CRDBI007	Xos_CR_2	Mod 0477	Faster switching changes are captured in RRC during design phase. Changes include to the minimum confirmation timescales to 14 days instead of 20days. There is no change to the timescale for shared site registration process.	YES	NO	NO	NO	R1 - 29/01/2016
01/12/2015	UKLP CRDBI008	Xos_CR_3	Mod 0466	Amend the time the MDR file is provided to Shippers (i.e. currently sent at 11.00hrs to be sent at 12.00hrs). DMSPs to provide DLC files later, (i.e. currently provide DLC file at 08.30hrs will be able to provide DLC files at 09.30hrs).	YES	NO	YES	NO	R1 - 29/01/2016
01/12/2015	UKLP CRDBI008A	Xos_CR_4	Mod 0466A	Amendment to the Performance Relevant standards associated with Daily Metered sites. D+1 liability to apply at 2pm. –D+1 Liability charge to reduce to £3 from £30.	YES	NO	YES	NO	No industry impact
01/12/2015	UKLP CRDBI054	Xos_CR_5	Rolling AQ Market Tolerance Breaker	Introduction of new checks while doing the rolling AQ calculation and as per current RRC rules, will run until 3 years after the go live date.	YES	NO	NO	NO	R1 - 29/01/2016
01/12/2015	UKLP CRDBI055	Xos_CR_6	December 2014 File Format Changes	Following the review by Shippers of all File Formats that were consulted on as part of the UNC Section U UK Link Committee process, all accepted changes to the original baselined File Formats have been agreed with Shippers. Agreed changes to the original versions of products (records, files or hierarchies) require changes to be made to the agreed December 2014 Shipper File Formats.	YES	NO	NO	NO	R1 - 29/01/2016
02/12/2015	UKLP CRDBI089	Xos_CR_7	Mod 0466AV	Amendment to the performance relevant standards of service (liabilities) associated with Daily read provisions, and so changes the values and calculations for daily read liabilities, and removes the 97.5% performance standard. Make available within day read data – Hourly reads via IX (User Pays Service) – no requirement to record reads provided just ability to sent Via IX.	YES	NO	YES	NO	No industry impact
01/12/2015	UKLP IADBI124	Xos_CR_8	August 2015 File Format Changes	August File Format Changes Agreed and Approved by Industry.	YES	YES	NO	YES	R1 - 29/01/2016
01/12/2015	UKLP IADBI126	Xos_CR_9	August 2015 File Format Changes	Amendments to the file formats to incorporate negative field values and updating the AMT catalogue based on the revised file formats.	NO	NO	NO	NO	R1 - 29/01/2016
01/12/2015	UKLP IADBI128	Xos_CR_10	ERR/FRJ File Format & Rejection Codes Phase 1	ERR rejection response moving back to legacy logic. Issue 1: Amendments to the ERR file so that the ERR file content has the entire input file attached. Issue 2: Amendments to the response file name so that it is a match to the inbound file (adding .ERR) Issue 4: Rejection codes have been reverted back to legacy codes but mapping is not consistent with legacy resulting in some different codes generated. Separate industry meetings are currently ongoing to agree these differences via the formal change process.	YES	YES	YES	YES	R1 - 29/01/2016

Release Management Plan (3/3)

Date Added	Xoserve CR No.	Industry Reference No.	Industry Change Title	Functional description of change	Impacted Stakeholders				Release No.
					Shipper	GT	DMSP	iGT	
01/12/2015	UKLP IADBI128A	Xos_CR_11	ERR/FRJ File Format & Rejection Codes Phase 2	ERR rejection response moving back to legacy logic. The functionality for this changes is now linked with the changes being defined under Xos_CR_18 which is being discussed with the UKLink Committee	YES	YES	YES	YES	R1 - 29/01/2016
02/12/2015	UKLP IADBI158	Xos_CR_12	September 2015 File Format Changes	September File Format Changes Agreed and Approved by Industry.	YES	YES	NO	YES	R9 – 30/06/16
04/01/2016	UKLP IADBI131	Xos_CR_13	Change to Contact title functionality	A list of 80 contact titles from those currently used will be added to SAP so these titles can continue to be used. If a value other than an allowable title is received by UKLink the title will be recorded as blank but the record will not be rejected, it will return the field as blank in the associated response file. If additional titles are required a change request must be raised to approve and add the title.	YES	YES	NO	YES	R5 – 27/05/16
04/01/2016	UKLP IADBI154	Xos_CR_14	Retro Updates - Suspecting Reads following Asset Attribute Update	Changes are to be made to have a consistent approach to the treatment of reads, being all reads recorded are marked 'suspect' and it will be shipper responsibility to either replace reads or submit a latest reading to trigger reconciliation and generate the adjustment to charges.	NO	NO	NO	YES	Not required
04/01/2016	UKLP IADBI157	Xos_CR_15	AMT Validation for No Such File Type	For inbound files received by AMT where a header record is not correctly populated or formatted and the file is not able to be processed, a validation will be built in AMT to automatically manage these scenarios. All file validation and validation responses are to be automated, so that there are no manual interventions required.	YES	YES	YES	YES	Deferred to post go live
08/03/2016	UKLP IADB164	Xos_CR_16	January 2016 File Format Changes	File format changes agreed and approved by industry	YES	NO	YES	YES	R9 – 30/06/16
08/03/2016	UKLP IADB170	Xos_CR_17	February 2016 File Format Changes	File format changes to be agreed by industry	YES	NO	YES	YES	R9 – 30/06/16



CSA Programme Board Report

UK Link Programme

Client: Xoserve

Date: 22nd June 2016

Version: V1_0

Reputation built on results

- ▶ Baringa continue to report the Programme as a RED status this period

- ▶ Key risk drivers of this status are:
 - Continued challenging plans for the Data workstream – Phased entry points have now been defined on an individual object basis, with Go decision taken for Daily Metered & Class change despite defects requiring resolution for some objects. IGT defect numbers remain high
 - Performance test progress – Improved progress being seen but Baseline timelines at risk and environment comparison requires completion
 - Gas day testing – Inherent late scheduling within the Programme, with lack of clarity on the detailed approach for defining the workload models
 - A build up in downstream risk for transition activities – driven from dependencies on Data and resource contention which may impact current dress rehearsal plans
 - CRs continue to build in number, and with delivery paths not yet determined for all Day-1 required CRs.

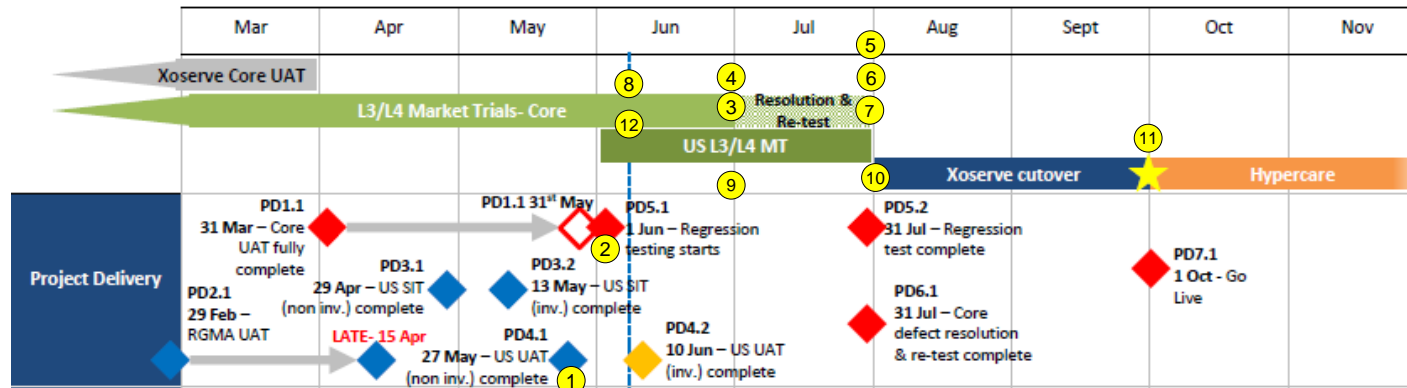
- ▶ Key responses required to turn overall status back to Amber (Assuming an October 2016 delivery target):
 - Augmentation of the build/fix team to improve defect resolution across Market Trials and Data streams
 - Implementation of process improvements to provide consistent delivery dates for defect fixes into Market Trials
 - Validation through rebaseline testing that the QAS1 environment performs acceptably for Stress & Endurance test phases
 - Provision of a detailed plan and approach for Gas day testing
 - Continued SME & Functional Lead resource prioritisation to support Transition and BC&R activity
 - Confirm delivery paths for all Day 1 CRs

Plan & Risk Horizon

Industry POAP extract (10th June)



KEY
 Improving Trend
 Worsening Trend



Issue/Risk
① → There risk that there may be inconsistencies in configuration and code between environments which may result in additional defects being identified within Market Trials
② → Industry agreement needed on Regression test requirements – test to be scaled based on internal regression activities and analysis of how best to drive delivery efficiencies e.g. regression test effort divided between industry parties
③ ↓ Delivery plans for a number of Day 1 CRs are shifting to the right , placing risk on readiness for the Market Trials window, and downstream risk to Go-Live preparation activities. Increasing risk that any new ‘must have’ CRs cannot be accommodated
④ ↑ Residual orphan source rules require SME analysis to determine functional materiality and close out the traceability exercise
⑤ → PT environment comparison yet to be finalised. Progress against plan improved yet high defect levels continue to place immediate milestone dates at risk.
⑥ → Despite being currently on track, there is an inherent risk to the scheduling of Gas Day testing so late in the Programme lifecycle as any issues may impact transition and go-live timelines.

Issue/Risk
⑦ → Process improvements identified to expedite defect fixes require implementation. High rates of invalid defect continue to place burden on defect teams. Delivery of BW reports within MT has slipped
⑧ ↑ Delta remains a key risk area for the Data workstream. DMTC3 Delta defect volumes are high and therefore a further Delta test load is needed ahead of IDR Prep. Bulk load for DM and Class Change given ‘Go’ decision but defects still require resolution before individual object loads can commence.
⑨ → Progress on the development of the low level cutover plan impacted by continued resource challenges and key outstanding dependencies. Testing of key components ahead of IDRs also at risk
⑩ → Risks beginning to build for user readiness due to: <ul style="list-style-type: none"> Delays in delivering the Day 1 Op Model Training delays due to SME unavailability and rework required for materials produced offshore Clarity required over training data requirements
⑪ → Reconciliation report is required to be developed to compare Application logs with Exceptions raised – This will identify the potential need for additional business exceptions as very limited numbers of new exceptions have been identified through Market Trials.
⑫ ↓ Key defects are blocking the close out of US UAT. The provision of real data for the final UAT test cycle is at risk due to congestion within the data plan



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Working Group Meetings

Working Group	Next Meeting	Meeting Topic	Future Meetings
Market Trials	6 July 10 am	<ul style="list-style-type: none"> Finalise MT regression approach 	<ul style="list-style-type: none"> 13 July (TBC): MT 'Hot Topics' and Progress review
DMG	21 July	<ul style="list-style-type: none"> GT and iGT data cleansing progress 	
SSP	18 July	<ul style="list-style-type: none"> iGT data activities 	
TPG	5 July 10 am	<ul style="list-style-type: none"> Industry Transition Plan Consultation Catch Up Batch Consultation Legacy Changes Overview Scenario Planning Review 	19 July: <ul style="list-style-type: none"> Performance Test Update Cutover Governance Signoff Communications Approach Signoff

Hot Topic: Industry Implementation Planning

ofgem

What do we mean by the “Industry Plan”?

Planning activities with Xoserve and Market Participants during July will produce the following:

- Milestone plan on a page
 - c. 30 milestones
 - Defined milestones owners (i.e. who owns the plan for delivering the milestone and for delivering the milestone itself)
 - Forms the basis for progress reporting going forward
- Dependencies & assumptions underpinning the milestone plan
- Risks linked to milestones

The industry plan will not:

- Replicate or replace Xoserve’s or market participant’s detailed delivery plans

How will we get there?

- Initial planning taking place with Xoserve this week to establish a strawman plan on a page based on the planning scenario recommended in the consultation
- Following publication of the consultation conclusions on the 30th June*:
 - w/c 4th July - Engage with each of the cross programme working groups (MTWG, DMG, TPG) to:
 - review and refine the strawman plan
 - capture and confirm planning assumptions and dependencies
 - w/c 18th July
 - planning workshop with PNDG
 - Review of consolidated plan with CPWs
 - 26th July – present revised plan to PNDG for review and approval
 - 2nd August – PNSG sign off revised plan

*timelines assume that the consultation will conclude that planning scenario C or D should form the basis for the implementation plan. If scenario A or B is the conclusion, the required planning activity will be less

What will be different this time?

- PwC Assurance Review of the revised Xoserve delivery plan is deliverable ahead of sign off by PNSG
- Ongoing assurance of both Xoserve and market participant delivery will support identification of early warning/no surprises
- Revised programme governance increases the role of the CPWs in achieving the plans for market trials, data, transition and business operations
- Reporting against the GONG framework as part of the regular PNDG/PNSG reporting