

Project Nexus Steering Group [PNSG]

4 July 2016





Agenda

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1	Title Slide	0
2	Agenda and Approval of PNSG Minutes	5
3	Review of PNDG Status Report	35
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Minutes can be found on the **Ofgem** website at:

https://www.ofgem.gov.uk/gas/retail-market/market-review-andreform/project-nexus



Project Nexus Delivery Group [PNDG] Status Report

29 June 2016

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



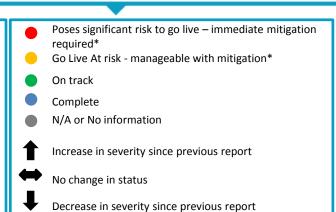
Programme Overview



Project Nexus: Status Trend

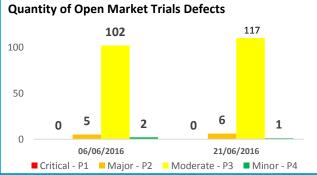
Completion Date:

1st October, 2016

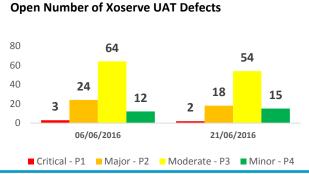


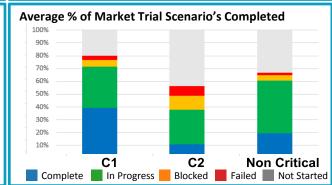
Key Risks, Issues, and Decisions [Commentary]

- 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.
- New 1014: 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 noneffective 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.











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 were confidence appears to be growing that blocking defects are being removed.

Overview

Project Delivery



Market Trials



Data



Transition



GONG



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.

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.

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 ear marked as a date for participants to convene in the event of a re-plan.
- Revised DMG ToR with Xoserve for comment.

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.

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.

Commentary

A001

Sandra Simpson & PwC

A036, A039, A046

A032, A043

A041, A044, A045

A011

Martin Crozier

Andy Howe, John O'Keeffe

Philip Russ

Martin Crozier

Updates following issue of PNDG

Overview (as of 30/06/16):

Status remains the same as last month. With the publication of the official Ofgem decision, a period of re-planning is now underway with the new plan expected to be delivered at the end of July. We will aim to report against this new plan once it is finalised.

Project Delivery

Market Trials

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Transition

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 Xoserve are conducting planning to understand how data and upstream scenarios feed in to the 1% of open UAT test cases. This is due for 1 Jul 16.

- Next Market Participant portal submission, scheduled for 1 Jul 16.
- P1 incident raised on 27 Jun 16 relates to UKLP Market Trials.
- The average % of MT complete remains at approximately 3% indicating that on current trends only 6 Market Participants will have completed testing by the end of Jul 16 and 10 by the end of Aug 16. Defect levels are remaining static.
- Market Trial progress blockers are being reviewed for root cause through an investigation underway.
- · Site visits are being undertaken to identify a path to resolution. Key aspect is to ensure blockers, functionality, partnering, data availability are being managed more appropriately.
- · First cut of milestone planning has been undertaken to support the revised plan.

- Bulk data load complete.
- iDR Prep Defects raised prior being tested via other mini test cycles with iDR1 planned to commence 18 Jul 16.
- It was agreed that iGTs are to provide reconciliation summaries with their monthly/weekly data submissions.
- Revised Terms of Reference with market participants and Xoserve for comment and will be submitted to next PNDG for approval.
- First cut of milestone planning has been undertaken to support the revised plan.

- One of the TPG products required relates to Market Participants and Hypercare reports, TPG are looking for a market participant volunteer to lead on the approach.
- First cut of milestone planning has been undertaken to support the revised plan.
- Team currently developing the next level of detail within the GONG criteria. With specifics on the workstreams and evidence required. This detail will be shared in July in line with the new scenario plan.
- · Reporting to commence once the revised plan is adopted.

Commentary

• No updates provided.

Project Delivery Market Trials

Data

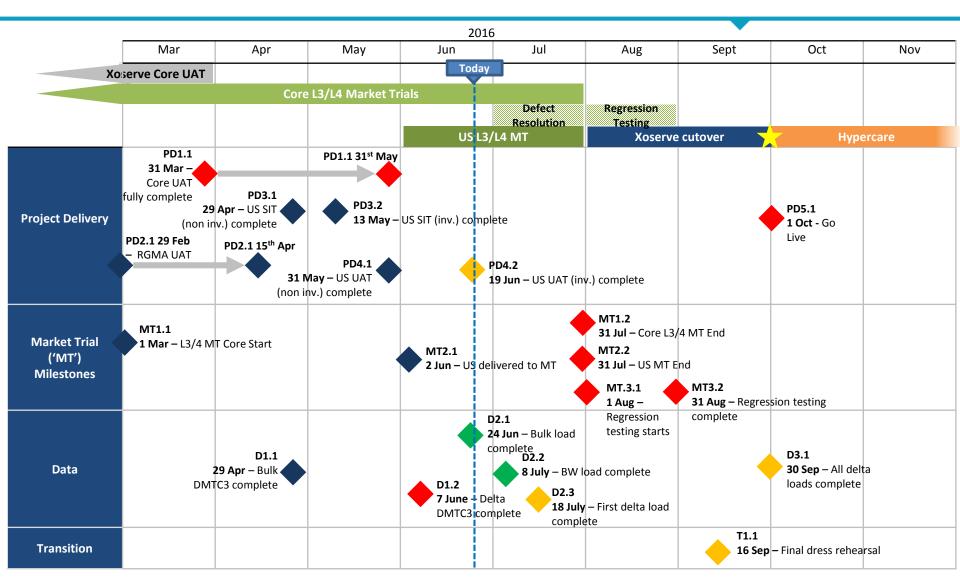
Transition

GONG

Appendix



Programme Plan



Risk to individual milestone(s)



Risk to go-live Slip/expected delay of milestone



Risks and Issues	Workstream	Rating	Due Date	Mitigation/Actions	Progress as of 21/06/16	Owner
NEW Issue 1014: Xoserve and EDF, npower, ScottishPower and SSE have yet to reach an agreement over the delivery of a bespoke portfolio report or alternative solution for go-live. Without an accurate portfolio view, the participants maintain that their settlements systems will have limited ability to validate invoicing.	Transition	Impact: (4) Likelihood (3)	1)29/09/16 2)01/07/16 3)08/07/16	1) Raise issue at PNDG to agree way forward (A072) 2) NEW Action A077: New power are to send a list of requirements to Xoserve by 01/07/16. 3) NEW Action A078: New meeting will be organised with PwC, EDF, Xoserve and Ofgem to discuss next steps and timelines.	1) A072 is complete. Discussion took place at PNDG on the 29/06/16 and subsequent actions were noted.	1) Xoserve and named participants 2) Npower 3) Npower

Ratings >15 Extreme 9-15 Very High 4-9 Medium 4> Low Downgraded

Project Delivery Market Trials

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Appendix



Programme Risk and Issues

Risks and Issues	Workstream	Rating	Due Date	Mitigation/Actions	Progress as of 21/06/16	Owner
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.	Project Delivery	Current Likelihood: Possible (3) Current Impact: Major (4) 8 Post-Mitigation Likelihood: Possible (2) Post-Mitigation Impact: Medium (4)	1)24/06/16 2) 24/06/16 3) 01/07/16	 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) 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) 	1 & 2) Lists have been produced and are being updated in line with UKLink Committee decisions. These lists can be found at: Functional releases to MT: http://www.xoserve.com/wp-content/uploads/MT-Functional-Readiness-20160601.pdf Design changes: http://www.xoserve.com/wp-content/uploads/Nexus-Industry-Open-Issues-20160527-v1R.pdf 3) Xoserve have compiled list and will publish on 01/07/16	Xoserve



purce: PwC RAID Management



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	Current Likelihood: Possible (3) Current Impact: Severe (5) 10 Post-Mitigation Likelihood: Unlikely (2) Post-Mitigation Impact: Major (5)	16/09/16	 Xoserve to confirm through their Implementation Dress Rehearsals that cutover activities can be completed in the required timescales. Updates will be requested at the conclusion of each interim dress rehearsal (A062). Dates for IDR as below: IDR1: 18/07/16 – 05/08/16 08/08/16 – 26/08/16 29/08/16 – 16/09/16 	1) This will be confirmed during the IDR processes. Under the current planning scenario, the final dress rehearsal is due to be completed around the 16 th of September. Interim updates will be provided through PNDG as part of regular reporting.	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	Current Likelihood: Possible (3) Current Impact: Severe (5) 10 Post-Mitigation Likelihood: Unlikely (2) Post-Mitigation Impact: Severe (5)	29/07/16	1) L3/L4 exit criteria to include information around numbers of defects and potential for operational issues post go-live (A063).	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/MarketTrials Approach L3_4	PwC



ource: PwC RAID Management



Risks and Issues	Workstream	Rating	Du	ie Date	Mi	tigation/Actions	Pro	gress 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	Current Likelihood: Unlikely (2) Current Impact: Severe (5) 5 Post-Mitigation Likelihood: Rare(1) Post-Mitigation Impact: Medium (3)	2)	Ongoing 31/0716	2)	Xoserve to report to the PMO on numbers of successful TOO transactions by shipper (A064) PwC will assess key industry processes coverage as part of their assurance report for market trials level 3/4 exit (A074).	2)	Complete. Xoserve send this report to PMO on a weekly basis Ongoing as part of PwC assurance activity	1)Xoserve 2) PwC



ource: PwC RAID Management



Risks and Issues	Workstream	Rating	Due Date	Mitigation/Actions	Progress as of 21/06/16	Owner
R048: Risk that participants and Xoserve may not be aware of, may have misinterpreted or may not			1) Ongoing	1) Xoserve are to ensure Change Control of the File Format Baseline Sheet is maintained (A060)	Complete. Xoserve have advised that the baseline is maintained	1)Xoserve 2)Xoserve
adhere to the published baseline of File Formats, leading to a large number of exceptions.		Current Likelihood: Likely (4) Current Impact:	2) 01/07/16	2) Xoserve are to make sure that all changes are effectively agreed and communicated through the right channels (e.g. UK Link Committee). (A069)	2) Complete. Xoserve are to provide a link to where these changes are communicated	3)Xoserve 4)Xoserve 5) Participants
Market Trials Post- Likelii (3) Post-	Major (4) 9 Post-Mitigation Likelihood: Possible	3) 01/07/164) 01/07/16	3) Xoserve to make sure that the process for the above is clearly documented - including roles and responsibilities. (A070)	3) Complete. Xoserve have advised that they follow the UKLink Committee governance process, which is under the UNC		
		Impact: Medium (3)	4) 01/0//10	4) Xoserve are to reconfirm and communicate the current baseline (A075)	4) Xoserve will send the link to where this document is located	
			5) 12/07/16	5) Participants to raise any concerns with respect to the above by emailing projectpmo@uk.pwc.com before 12/07/2016	5) Action requires action 4 to be completed first	



Programme Decisions

#	Decision	Status	Due Date	Areas of Programme Affected	Comments (01/06/16)	Outcome
D004	 Programme plan has been redrawn to reflect the current position following a review by PMO and Xoserve. This includes: 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

Data



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

Source: PwC RAID Management 1





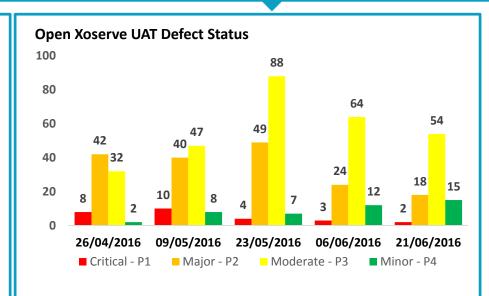
Project Delivery – Progress

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.

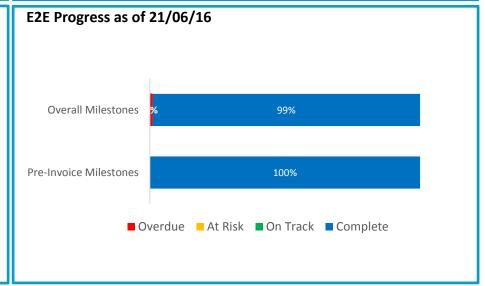


New Action: Xoserve are requested to provide further granularity of information regarding defects such as, the categories they fall into, where they reside, and how long they have been open for.



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

Source: Xoserve



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.		

Source: Xoserve 16



Overview Project Delivery

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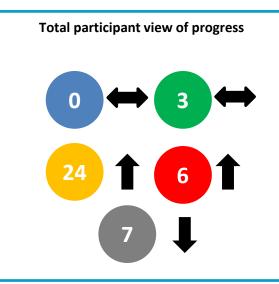
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Appendix

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.



Key

- Number of participants reporting behind test schedule and unlikely to complete in timeframe
- Number of participants reporting off track but remediation activities will support completion in current timeframe
- Number of participants rating on track with test schedule
- Number of participants reported to have completed test schedule
- 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	A046 A069 Investigation into market trials blocking issues and identification of	PwC
1 & C	00802	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	solutions to progress MT A070 Escalate non responsive	
Challenger	0 2 4 3 4	one challenger moving from amber to red. Further analysis is required to understand	participants to SF attendee to provide better data quality for reporting.	
GTs	01400	whether participants are now providing a RAG status based on a 31 July MT Exit following the		
iGTs	00401	extension from 30 June.		





Overview



Data T

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GONG

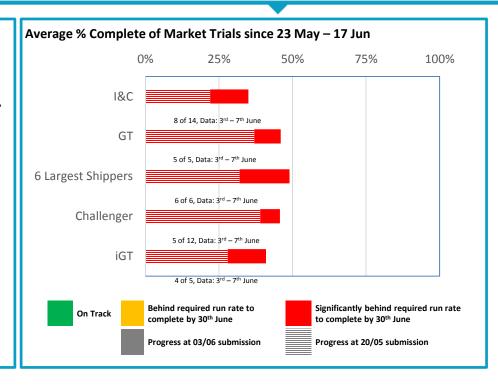
Appendix



Market Trials - Progress

Key Messages (as at 21/06/2016)

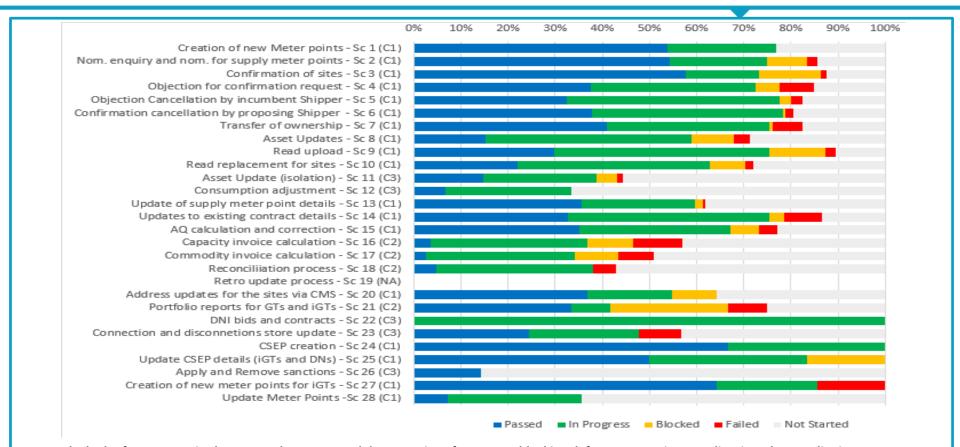
- Overall completion across the market ranges from 0 % to 98%, with the average equating to 43%.
- The average % complete per week is 2.9% since 20 May. A higher rate of 9.5% per week is required to complete by 29 July.
- At present projections, assuming the present run rate, only 2 participants are 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.







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):

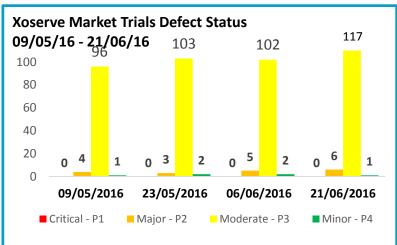
- Greatest progress has been made on scenarios where functionality was delivered earlier in MT. For example, scenarios that form part of the Transfer of Ownership Process (e.g. Sc1 to Sc7).
- The highest percentage of 'failed' tests are scenarios 14, 16,17, 21, 23 and 27.
- Testing is least progressed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

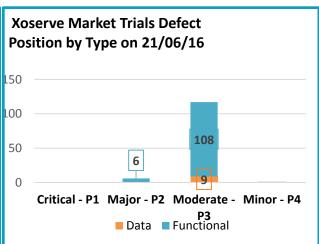
PwC Analysis of Participant Portal



Overview Project Delivery Data Transition GONG Appendix

Market Trials - Defects







Key Messages (21/05/16):

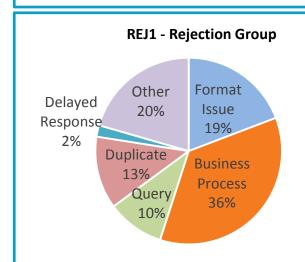
- Weekly Defect prioritisation calls continue, with only 16 of 37 participant (defect report) responses received by 0900hrs, 17th June.
- 13 of 20 prioritised defects from 10th June were closed out by CoB on 17th June.
- The rate of invalid defects on closure fell over the w/c 13th June. Out of the 35 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

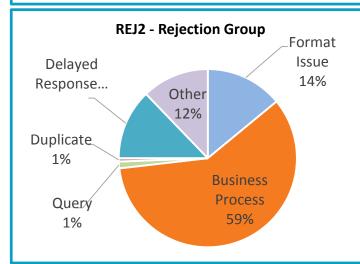
Key Messages (21/06/16):

• 48% of invalid defects are due to lack of "business processes" knowledge.



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.



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.

Source: Xoserve

Data



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	•	• 1	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.		

Source: Xoserve 22



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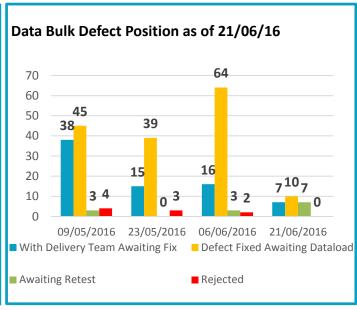
GONG

Appendix

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.



Milestones	RAG	Progress/Comments as of 07/06/16	Actions	Action Owner
D1.2.DMCT3 Delta Complete	◆ ↔	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	◆ ↔	Currently on track. Dependent on Bulk load which will be closely monitored		
D2.2 BW load complete	~	Progressing on track.		
D2.3 First Delta load complete	◆	Dependent on completion of 1.2.		
D3.1 All Delta loads complete	♦	Dependent on completion 2.3.		

Source: PwC and Xoserve



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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		

Source: PwC from TPG 24

Data



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

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Appendecies

#	Title	Slide
1	Action Log	27 - 37
2	Hot Topics	35 - 43
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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		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		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		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		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		13/05/16	PNSG



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Action Log

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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 and being reviewed by Ofgem. Document to be published by the 8 th of July	PMO		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 an 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.	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
A038	Portal made available to all PNDG members and training provided for reporting risks, issues and changes.	Portal has been made available to all PNDG members and training was sent out with the PNDG minutes on the 16 th of June.	РМО		31/05/16	PNDG

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

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Action Log

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Action #	Action	Progress (as of 22/06/16)	Action Owner	Status	Due Date	PNSG/ PNDG
A039	Xoserve to follow up on 2 reported defect (first is related to RGMA and the second is related to the "irrelevant data set") and see whether the defects are on the priority list and/or where they are with a response.	Xoserve have advised that the noted RGMA defect has been resolved. 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.	ToR is on the website for market participants and Xoserve to comment. The deadline for comments are 08/07/16. The link for the TOR is under http://www.xoserve.com/wp-content/uploads/DMG-Terms-of-Reference-20160629.pdf	DMG		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 took place on the 10th of June where a plan for the remaining TPG sessions was created. A Scenario Planning workshop also took place on the 22nd of June. This workshop completed the initial cut of scenarios and will be reviewed with the wider group at the TPG scheduled for the 5th July. Aiming for final sign off as part of the 19th July TPG. Aiming for final sign off as part of the 19th July TPG.	TPG		19/07/16	PNDG

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



Action #	Action	Progress (as of 22/06/16)	Action Owner	Status	Due 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		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. (Action has been given a 1 month extension to cover remaining Market Trials)	PwC		31/07/16	PNDG
A047	Portal submission communication this week will include specifics on what timelines should progress be reported against.	Instructions in the portal clearly state that participants are to report against July 31st.	PwC		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		21/06/16	PNSG
A049	Review R044 to determine whether it should have its likelihood increased	After discussion with the TPG Lead, we have agreed that the likelihood of this risk should remain as 'possible'. Impact is still 'severe', therefore overall risk remains at 15.	PwC		21/06/16	PNSG

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

Appendix



Action Log

Action #	Action	Progress (as of 22/06/16)	Action Owner	Status	Due Date	PNSG/ PNDG
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		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		14/06/16	PNSG
A052	MTWG to include in their work on MT blockers the identification of the reasons for the apparent slow uptake in US testing	Underway as part of the ongoing work within Market Trials progress investigation.	MTWG		30/06/16	PNSG
A053	Include an open question in the portal submissions covering ability of participants to make progress	The June 17 th questionnaire included an open question about participant's ability to make progress on Market Trials.	PwC		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		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 and mitigating actions.	PwC & Xoserve		23/06/16	PNDG

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



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Action #	Action	Progress (as of 22/06/16)	Action Owner	Status	Due Date	PNSG/ 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.	Mitigation is included under action A073.	Xoserve		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		08/07/16	PNDG
A058	Determine date for Unique Sites invoicing UAT to be put into MT environment with input from market participants.	This is complete. Unique sites invoicing will now be reviewed alongside all other invoices within MT	Xoserve/ MTWG		24/06/16	PNDG
A059	Ofgem to complete consultation process and provide a decision on scenarios, linked to risk R029	Complete. Letter issued 30/06/16 to Market participants	Ofgem		30/06/16	PNDG
A060	Xoserve are to ensure Change Control of the File Format Baseline Sheet is maintained.	Xoserve have advised that that they maintain this on a regular basis	Xoserve		Ongoing	PNDG
A061	MTWG to determine approach to minimising risk with respect to conditionality. This could require some coordination of testing across market participants.	After discussion with MTWG lead, action has been removed and replaced with A076	MTWG		08/07/16	PNDG





Action #	Action	Progress (as of 22/06/16)	Action Owner	Status	Due Date	PNSG/ PNDG
A062	Xoserve to confirm through their Implementation Dress Rehearsals that cutover activities can be completed in the required timescales.	This will be confirmed during the IDR processes. Under the current planning scenario, the final dress rehearsal is due to be completed around the 16 th of September. Interim updates will be provided through PNDG as part of regular reporting.	Xoserve		16/09/16	PNDG
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.	Complete. Xoserve send this report to PMO on a weekly basis	Xoserve		Ongoing	PNDG
A065	MTWG to consider the report on numbers of successful TOO and determine required actions.	After discussion with MTWG lead, this action has been replaced with A074	MTWG		08/07/16	PNDG
A066	GONG to include criteria that ensure that customers are protected.	After discussion with MTWG lead, this action has been replaced with A074	MTWG		30/06/16	PNDG
A067	Investigation into market trials blocking issues and identification of solutions to progress MT.	Investigation underway. Update will be provided at PNSG	PwC		15/07/16	PNDG

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



Action #	Action	Progress (as of 22/06/16)	Action Owner	Status	Due Date	PNSG/ PNDG
A068	Escalate non responsive participants to PNSF attendee to provide better data quality for reporting.	Being completed as appropriate	PwC		31/07/16	PNDG
A069	Xoserve are to make sure that all changes are effectively agreed and communicated through the right channels (e.g. UK Link Committee).	Xoserve are to provide a link to where these changes are communicated	Xoserve		01/07/16	PNDG
A070	Xoserve to make sure that the process for the above is clearly documented - including roles and responsibilities.	Complete. Xoserve have advised that they follow the UKLink Committee governance process, which is under the UNC	Xoserve		01/07/16	PNDG
A071	Assess transaction volumes and failure rates to identify areas of concern.	This is covered by A067. We will not be tracking this action separately.	PwC		15/07/16	PNDG
A072	Raise issue regarding user pay reports at PNDG to agree way forward.	This action is complete. Discussion took place at PNDG on the 29/06/16 and subsequent actions were noted.	Xoserve and named participants		29/06/16	PNDG

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

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Action #	Action	Progress (as of 22/06/16)	Action Owner	Status	Due Date	PNSG/ PNDG
A073	Xoserve to publish a list of all changes that are available and those which are not going to be delivered into Market Trials. This will 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, as well as mitigating actions as appropriate	Xoserve advised that they have compiled list and will publish on 01/07/16	Xoserve		01/07/16	PNDG
A074	PwC will assess key industry processes coverage as part of their assurance report for market trials level 3/4 exit.	Action 2 is ongoing as part of PwC assurance activity	PwC		31/07/16	PNDG
A075	Xoserve are to reconfirm and communicate the current baseline.	Xoserve are to send the link to where this is documented	Xoserve		01/07/16	PNDG
A076	Participants to raise any concerns with respect to the published baseline by emailing projectpmo@uk.pwc.com before 12/07/2016.		Participants		12/07/16	PNDG
A077	Npower are to send Xoserve a list of requirements concerning the bespoke portfolio report by 01/07/16.		Npower		01/07/16	PNDG

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





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Action #	Action	Progress (as of 22/06/16)	Action Owner	Status	Due Date	PNSG/ PNDG
A078	A meeting will be organised with PwC, EDF, Xoserve and Ofgem to discuss next steps and timelines.		Npower		08/07/16	PNDG
A079	Xoserve are to provide a new due date for PD4.2 (completion of US UAT invoice)		Xoserve		01/06/16	PNDG
A080	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.	Xoserve and PwC to discuss as part of the report revamp that is underway	Xoserve		29/07/16	PNDG
A081	Xoserve are to provide reporting on queries raised during Market Trials, age of action and resolution date. The report is to be included in the PNDG pack.		Xoserve		05/07/16	PNDG
A082	PMO are to review the change control process and check that is appropriate and being adhered to		Ofgem and PwC		15/07/16	PNDG
A083	Xoserve to include statistics on the number of defects that have had to be re-opened		Xoserve		05/07/16	PNDG

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

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Action Log

Action #	Action	Progress (as of 22/06/16)	Action Owner	Status	Due Date	PNSG/ PNDG
A084	Xoserve are to provide link to Business Processes as this can help mitigate the number of potential invalid defects raised		Xoserve		01/07/16	PNDG
A085	Xoserve are to provide a summary report of the P1 incident and resolution		Xoserve		TBD	PNDG
A086	Xoserve to develop and share replan for remaining 1% of UAT tests (which are reconciliation invoices (Rec) scenarios)		Xoserve		01/07/16	PNDG

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

ource: Secretariat



P1 Incident

Market Trials P1 Incident

- Over weekend 25th/26th June, monitoring of the Market Trials activity highlighted that processing was taking longer than expected
- On Monday 27th June processing continued to be poor and with a backlog of files being evident, an incident was raised and an incident team assigned
- We continued to allow participants to submit files but these were held and not processed in line with the industry communications
- Initial investigations focussed on our file transfer mechanism components
- Following these investigations a severity 1 "ticket" was raised with Oracle
- Oracle worked on the issue as a production issue and therefore provided 24/7 support
- On 29th June, following their investigations, Oracle provided a set of actions to apply to the MT environment



Market Trials P1 Incident

- These were applied with appropriate checks and assurance completed
- Processing of the backlog of files commenced
- Inbound held files were released for processing on 1st July
- Interim checks were put in place for outbound files
- Outbound files were released and organisations began receiving outbound files on the afternoon of 1st July.
- While the incident was in flight we did not implement the file format changes due on 30th June
- Participants were advised not to flow any new file format versions until they had been notified that these were implemented





Market Trials Progress

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Market Trials - plan of action

#	Summary action	Key steps
1	 Establish defect 'task force' for next 2 weeks Analyse 'top 10' scenarios across participants and Xoserve Drive improvement actions and increase pace of progress 	 Produce prioritised list of process scenarios, tackle 'top 10' Focused calls / meetings in w/c 4th July with participants that are blocked or not progressing in the 'top 10' scenarios to fully understand the root causes of issues, required actions, resolution dates. Findings reviewed by workshop(s) in w/c 11th July – subset of MTWG with Xoserve input. Determine further improvement actions required. Iteratively work scenarios in priority order with any time remaining.
2	Further improve the defect management process	 PwC and Baringa to define the key actions required at an industry level (both for Xoserve and participants) to improve the defect management process. This is based on recent assurance activities performed by Baringa over Xoserve and PwC over market participants in relation to defect management. PwC / Baringa meeting on 5th July, with agreed actions to be presented to, and tracked by, PNDG and MTWG.
3	 Ensure industry re-planning is credible and realistic 	 Include additional workshop within the industry re-planning timeline that is specifically focused on validating the market trial approach and identifying the likely completion date and any impact on subsequent phases. Planned for w/c 11th July.
4	 Greater visibility on defect closure rates and expected clearance timelines to be shared by Xoserve and included in PNDG reports. 	 Xoserve to provide defect burn down charts for UAT and MT defects To ensure that projections are as accurate as possible they should be based on the expected fix efforts by defect categories (rather than historical averages across all defects)

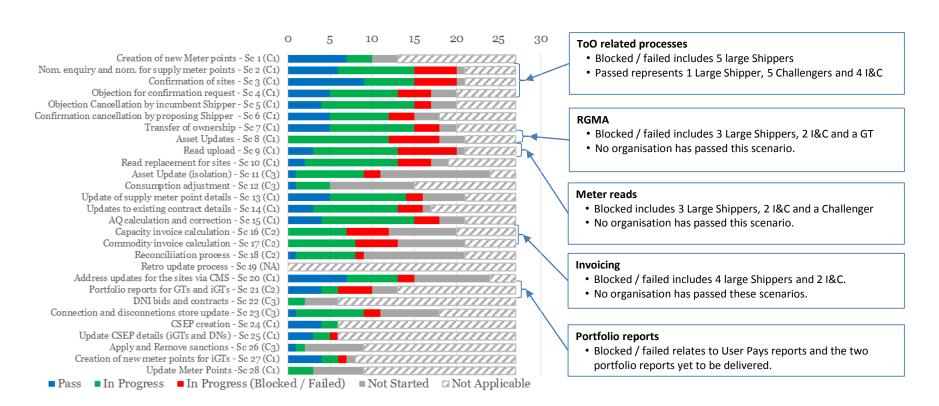


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Market Trials - plan of action

Prioritisation to arrive at the 'top 10' scenarios is based on:

- The progress by scenario reported by participants (below);
- The number of participants that are reporting blocking or failure in a scenario;
- The 'top 20' defects being prioritised by Xoserve; and
- Qualitative aspects from our bilateral conversations with participants





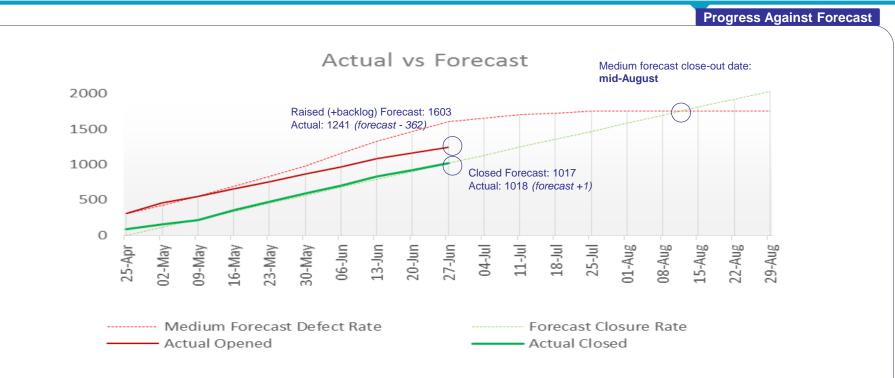
Proposed priority scenarios

SC ref	Scenario Description	Priority	Top Ten	Rationale for to 10
SC9	Read upload (Class 1-4)	C1	Yes	 Relatively straightforward process with the highest reported Blocked/Failed status. Possibly due to new read validation rules introduced as part of Nexus.
SC8	Asset Updates	C1	Yes	 RGMA scenarios where functionality was delivered later in to MT. No organisation has been able to completely pass this scenario. However some organisations have passed up to 4 of the sub scenarios.
SC2	Nomination enquiry and nomination for supply meter points.	C1		 Scenario 2, 3 and 4 are steps in the transfer of ownership process.
SC3	Confirmation of sites (Class 1 to 4)		Yes	 Higher number of blocked organisations however, elements of success in some other organisations (Note - Sc3 also has the
SC4	Objection for confirmation request (Class 1-4)			highest pass rate). Only Large Shippers blocked in Objections process.
SC16	Capacity invoice calculation process.			 Scenario 16 and 17 are invoicing related and have been combined for this analysis.
SC17	Commodity Invoice calculation.	C1 Yes	 No organisations have completely passed this scenario. The limited progress may be related to the periodic nature of the process. 	
SC10	Read replacement for sites (Class 1- 4)	C1	Yes	See scenario 9 rationale.
SC22	DNI bids and contract's	C3	Yes	 Only Applicable to 6 organisations 4 of which are yet to start it.
SC21	Portfolio Reports for GTs and iGT's		Yes	 Known issues with late delivery and iGT portfolio reports. A number of organisations have passed this.



Tracking against the forecast

Data



- **78 new defects opened** w/c 27/06 was still under the forecast amount. The start to Unique Sites MT has been relatively slow from participants which may be part of the reason for the lower than expected actual number of new defects
- Close-out was also slightly under average for the week (93 defects), but still represents a net decrease of open functional defects for the week
- Performance over the last 4 weeks has been better than forecast, with a net reduction open functional defects in this period rather than
 the estimated net increase
- This more positive trend could mean that defect closures (assuming the current rate of new defects) would catch-up with new defects opened by the end of July
- Further analysis focused on MT defects has been carried out by the team to identify bottlenecks and average closure cycle times



Industry Implementation Planning





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 has been taking place with Xoserve to establish a strawman plan on a page based on Scenario C
- The plan going forward is as follows:
 - Prior to 4 July develop a strawman version of the plan.
 - w/c 4 July Xoserve and PwC to engage with Programme Managers to discuss strawman plan and, where appropriate, with the Market Trials Working Group (MTWG) and Transition Progress Group (TPG) to review and refine the plan and capture and confirm planning assumptions and dependencies
 - w/c 11th July
 - Working session with a combination of MTWG and Programme Managers to establish a realistic view of when L3/4 core and US Market Trials will be complete
 - engage with the Data Management Group (DMG) to define and agree what market participant
 activities regarding their data should be included within the milestone plan and to capture and
 confirm planning assumptions and dependencies
 - w/c 18 July all-hands planning workshop open to Project Nexus Delivery Group (PNDG) members to review the consolidated draft plan and associated dependencies and assumptions. Further review with the MTWG, TPG and DMG to consider feedback from the all-hands workshop
 - 26 July revised plan presented to PNDG for review and approval
 - 1 August Project Nexus Steering Group (PNSG) sign off revised plan



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