

Project Nexus Delivery Group [PNDG] Status Report

28 July 2016

Covering the period: 08 Jul 16 – 22 Jul 16





Agenda

#	Title	Slide
1	Title Slide	1
2	Agenda & Approval of PNDG Minutes	2
3	Programme Status Report	3 - 8
4	Work stream Updates	9 - 20
5	Appendices	21 - 37

Minutes can be found on the ofgem website at:

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

Source: PwC & Ofgem 2





Market Trials

Data

Transition

GONG

Appendix

Programme Overview

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

*Overall

Xoserve

Baringa view of Xoserve

Participants

*Action may be required against 1 Oct 2016 Go Live date

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

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Project Nexus:

Status

● **⇔**Completion Date:

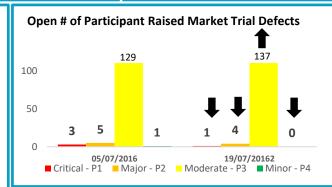
01 Oct 16

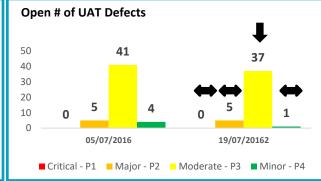
Trend

- 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

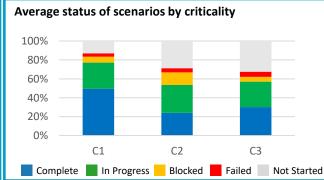
Key Risks, Issues, and Decisions [Commentary]

- IO16: Due to a lack of sufficient progress (primarily caused by a high number of defects) completion of Market Trials by 31 July 16 no longer appears possible. In addition, progress was further hampered by three P1 incidents at the end of June.
- 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.
- IO14: Xoserve and EDF, npower, ScottishPower and SSE have yet to reach an agreement over the delivery of a bespoke portfolio solution for go-live.









Source: Xoserve & PwC





Overview D

Project Delivery Market Trials

Data

Transition

GONG

Appendix

Programme Summary

Overall RAG Commentary: Re-planning is a prime focus for most workstreams with 'bottom up' planning feeding into a revised overall Xoserve delivery plan. Given the timescales of the industry re-planning process a number of planning assumptions will not be validated ahead of a revised implementation date being set. The areas of uncertainty will be specified with a timetable to conclude analysis and acceptance of the risk of potential plan impact. The ratings within this report continue to reflect the RED status based against the 01 Oct 16 go-live date.

Project Delivery



Market Trials



Data



Transition



GONG



Against the 01 Oct 16 plan, the Project Delivery Workstream continues to remain RED. This is driven by-the high degree of parallelism and risk, and the discomfort over aspects of the critical path.

Functionality:

- The deployment of Release 9 file format changes took place in early July after resolution of the P1 incidents.
- Next CR release is due 31 Aug 16.

UAT

- US testing completed on 15 Jul 16.
- The final 1% of UAT remains on track for 21 Aug 16 completion.

Performance testing:

• Stress testing cycle 1 has completed with good general system health with CPU Memory within reasonable levels, as well as there being spare ISU work processes available throughout the test. Some inconsistency noted in test execution is being investigated.

Against the 01 Oct 16 plan, Market Trials Workstream continues to remain RED despite the extension of core testing to the end of Aug 16.

6 of 43 participants, made significant progress, though average gains remain consistent with the previous reporting. At this time it is not possible to state if testing will complete prior to 31 Aug 16.

Defects

- The blocking defect prioritisation approach is proving effective in identifying blocking defects and helping to prioritise them for resolution: w/e 15 Jul 16 saw 18 of 24 priority defects fixed, w/e 08 Jul 16 = 18 defects fixed.
- RGMA, more than 1,000 successful JOB and UPD files have been processed.
- Defect progression continues as anticipated.

Against the 01 Oct 16 plan, The Data Workstream continues to remain RED due to the complexity of the remaining data migration activities, compressed timelines and the complexity of data loads.

Re-planning:

The Workstream has been paused for the re-planning due to the potential impact of the proposed additional loads in this area. This has therefore impacted the delta load and the downstream IDR start dates in the current plan.

Achievements:

• The BW data load completed successfully.

Against the 01 Oct 16 plan, 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 on 20 Aug 16 was cancelled as a result of Implementation planning workshop however, reporting through cutover and establishing a steady state subgroups continues.
- Industry Transition Overview document has been updated and requires to be shared with TPG Members.
- As a result of the re-planning, further delivery of products are likely to be rescheduled.
- Transition milestones have been established and have been circulated to TPG members.
- Role to lead the identification of Hypercare requirements is now filled.

Against the 01 Oct 16 plan, The GONG Workstream has not yet been RAG rated. Once an industry plan has been confirmed a RAG status and reporting will be applied.

A054, A068, A080, A082, A093

Sandra Simpson & PwC

A039, A046, A063, A074, A101

Martin Crozier

A032, A043

A044, A045, A062

Andy Howe, John O'Keeffe

Philip Russ

Martin Crozier

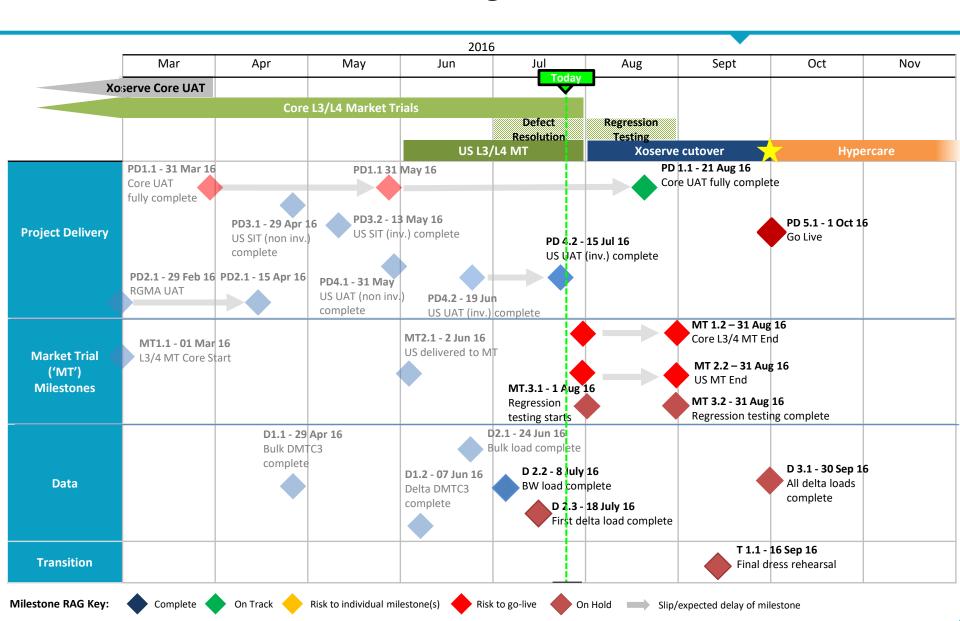
Lead

Source: Xoserve & PwC

Appendix



Programme Plan



Source: Xoserve & PwC



Market Trials

Data

Low

Transition

GONG

Downgraded

Appendix



Extreme

Ratings

Programme Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigation / Actions	Progress	Owner
I016: Due to a lack of sufficient progress (primarily caused by a high number of defects) completion of		16	04 Jul 16	1) A088: PwC are to set up a defect 'task force', that will explore the root causes of participants reporting a 'blocked' status against critical scenarios.	1) Action Closed. Task Force is underway.	1) PwC
Market Trials by 31 July 16 no longer appears possible. In addition, progress was further hampered by three P1 incidents at the end of June.		Current Rating: Impact: (4) Priority: (4)	05 Jul 16	2) A089: PwC are to meet with Baringa to discuss participants' concerns and agree a set of 5 – 10 actions that should be taken to improve the defect management process.	2) Action Closed. Compiled list of actions has been agreed and has been incorporated into the list of actions developed and prioritised by the Task Force.	2)PwC & Baringa
Note 1: This issue links to Risk R029 which referred to the risk that the programme	Market Trials		29 Jul 16	3) A090: In order to ensure industry planning correctly reflects market trials status, a special Market Trials focus planning session will be held.	3) Action Closed. This session was held 19 Jul 16.	3) PwC & MTWG
would fail to exit Market Trials on time. Note 2: Although industry planning will establish a new			07 Jul 16	4) A091: A burn down chart will be built into future PNDG packs, as a means of providing greater visibility on defect closure rates and expected clearance timelines.	4) Action Closed. Incorporated into the standard PNDG report.	4)PwC
schedule for market trials, risks to completion remain a concern so action is required.			05 Aug 16	from the task force calls and identify next steps and timelines for addressing issue. Info from A089 will also be included.	5) In progress.	5)PwC

PwC Raid Management 6

Medium

Very High



Market Trials

Data

Low

Transition

GONG

Downgraded

Appendix



Extreme

Ratings

Programme Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigation / Actions	Progress	Owner
Xoserve, 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		Gurrent Rating: Impact: (3) Priority: (3)	29 Jun 16 01 Jul 16 08 Jul 16	 A072: Raise issue at PNDG to agree way forward. A077: The development of reporting requirements is being completed by TPG and is not an action that will be tracked in the PNDG. A078: A meeting will be organised 	1) Action Closed. A072 is complete. Discussion took place at PNDG on the 29 Jun 16 and subsequent actions were noted. 2) Action Closed. TPG will track this action, it will be closed for the PNDG. 3) Action Closed. PwC facilitated a	Particip ants & Xoserve Npower
participants maintain that their settlements systems will have limited ability to validate invoicing.	Transition	Priority: (3)		with PwC, EDF, Xoserve and Ofgem to discuss next steps and timelines.	meeting between the named participants, Xoserve and Ofgem on Monday 11 Jul 16 to discuss next steps and timelines. It was agreed that Npower would provide Xoserve with further information from TPG about their requirements for transition (A077) and submit a change request, Xoserve would provide details about when their change request would be impact assessed.	
			22 Jul 16	The Alon: Once Npower collate all the transition requirements from TPG and submit a Transition Report Change Request, Xoserve are to provide further information about when an impact assessment would take place.	4) Action Closed. Xoserve are conducting an impact assessment.	Xoserve

PwC RAID Management

Medium

Very High



Market Trials

Data

Transition

GONG

Appendix



Ratings

>15

Extreme

Programme Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigation / Actions	Progress	Owner
R048: There is a risk that participants and Xoserve may not be aware of, may have misinterpreted or may not adhere to the published baseline of		8 Current Rating: Likelihood: Unlikely (2) Impact:	Ongoing 01 Jul 16	 A060: Xoserve are to ensure Change Control of the File Format Baseline Sheet is maintained. A069: Xoserve are to make sure that all changes are effectively agreed and communicated through the right channels (e.g. UK Link Committee). 	Action Closed. 2) Action Closed.	Xoserve Xoserve
File Formats, leading to a large number of exceptions.		Major (4)	01 Jul 16	3) A070: Xoserve to make sure that the process for the above is clearly documented - including roles and responsibilities.	3) Action Closed.	Xoserve
	Market Trials	8 Post	01 Jul 16	4) A075: Xoserve are to reconfirm and communicate the current baseline.	4) Action Closed.	Xoserve
		Mitigation Likelihood: Unlikely (2) Post Mitigation Impact: Major (4)	14 Jul 16	5) A076: Participants to raise any concerns with respect to the above by emailing projectnexus.pmo@uk.pwc.com before 12 Jul 16.	5) Action Closed. Feedback received and will be discussed with Xoserve	Particip ants

PwC RAID Management 8

Medium

Very High

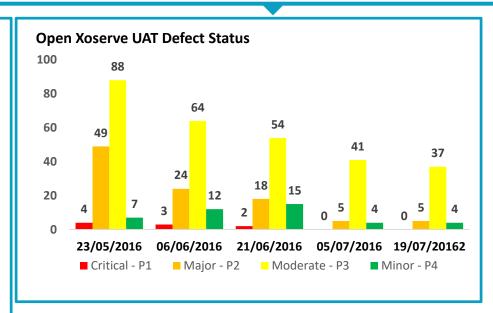
Low



Project Delivery – Progress

Key messages from Xoserve (as @ 19 Jul 16):

- Re-planning work is in progress and although impact has been minimised it has still effected the ability of some workstreams to progress.
- Unique Sites testing completed on 15 Jul 16. One final defect is being resolved.
- Complete of the final 1% of UAT is on track to complete on 21 Aug 16.
- Stress test scenario 1 is due to complete w/e 22 Jul 16.
 - The tests achieved planned ISU processing volumes.
 - The system demonstrated good general health with CPU Memory within reasonable levels and spare ISU work processes available throughout the test.
 - Some very positive performance observed during 2nd/3rd
 Capacity Billing runs (at best, 1.5 Million MPRNs in 1 hour).
 - A significant proportion of the batch jobs have been executed successfully with positive performance times being found.
 - Identified 3 exceptions which have not been identified within Market Trials.
 - A number of defects have been found and some inconsistencies in performance which are being investigated and performance tuning activities are underway.



Source: Xoserve



Project Delivery - Milestones

Data

Xoserve Milestones	RAG	Trend	Progress/Comments from Xoserve as of 19 Jul 16	Actions	Action Owner
PD 1.1 Core UAT Fully Complete	\	⇔	Scoping and re-plan completed – closeout of all remaining test cases now expected by 21 Aug 16.		
PD 4.2 US UAT (inv.) complete	♦	*	All test execution has completed. One invoicing defect, retesting in progress.		
PD 5.1 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 10

Market Trials

Data

Transition

GONG

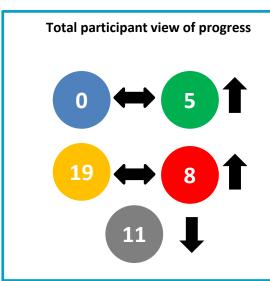
Appendix



Market Trials- Progress

Key Messages (based on portal submissions up to 15 Jul 16):

- All portal submissions are based on achieving a completion date of 31 Aug 16 for Market Trials.
- 32 of 43 participants submitted a self-assessment with 11 non-responders impacting accuracy of reporting.
- Blocking defects and slow defect resolution times continue to hamper participant testing. RGMA and particularly the baselines being used by iGTs for RGMA flows, are consistently being raised as an area in which defects are proving a particular challenge.
- The downtime caused by previous P1 incidents in the last period has had a knock-on effect on those participants who were forced to re-start test scripts after time-outs, losing additional testing days as a result.



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 15 Jul 16	Actions	Responsible
6 Largest Suppliers	00330	An increased response rate (32 of 43 from a previous total of 29) has resulted in an increase in Green RAGs (+2) and Red RAGs (+1).	A046 A069 A070	PwC
1 & C	00715	Participants have lost time due to previous	A070	
Challenger	0 4 2 3 5	system outages and time-outs, and a number are still experiencing external blocking defects, particularly in relation to iGTs (new connections,		
GTs	0 1 4 0 0	RGMA) and RGMA flows.		
iGTs	00311	A shortage of usable data relevant for Unique Sites testing is also impacting those organisations that have started testing Unique Sites.		

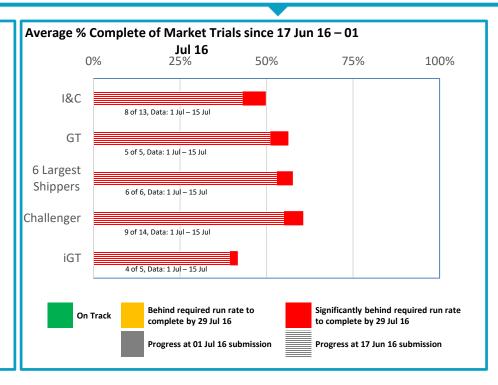




Market Trials - Progress

Key Messages (as at 15 Jul 16)

- The average completion of MT across the market is 54%.
- The average % complete per week is 2.7% since 1 July, up slightly from the 2.5% in the previous period.
- Using the most recent period run rates, it is projected that only 5
 participants would complete MT testing by the end of August 2016.
- However, assuming participants could match or exceed their peak run rates during the market trials phase, at least 16 organisations could be expected to complete market trials before the end of August.
- The removal of blocking issues will be key to maximising the remaining market trials time and helping participants achieve the required testing progress acceleration.
- Problem solving session will be held 25 Jul 16 with Market Participants to identify and prioritise tactical and strategic actions.
- The Market Trials Task Force is currently prioritising and implementing actions. This will be covered in further detail as a Hot Topic.



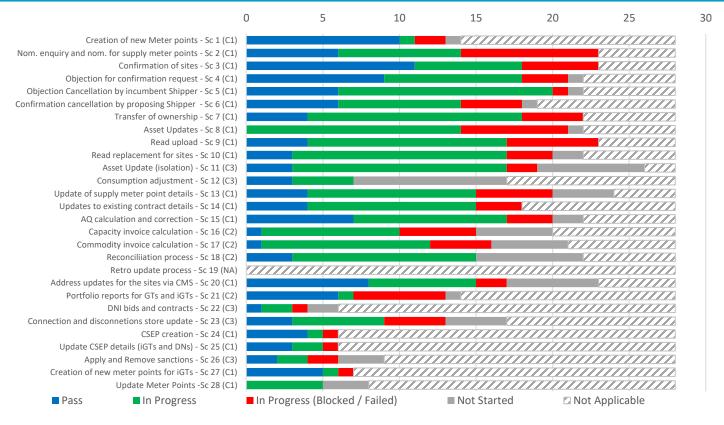


Project Market Overview Data Transition **GONG** Appendix Delivery Trials

Market Trials - Scenario Progress

Since 1 Jul 16

- 4 additional participants reported Scenario 2 as blocked, citing external defects related to NOM files, missing responses and outstanding queries.
- Overall, 24 individual scenarios have blockers, up from 20 in the last submission.
- However, 26 scenarios are reporting at least 1 'pass', up from 22 in the last submission.
- The only applicable scenario without any reported passes is Scenario 8 Asset Update, and it also reports the second highest number of blocked participants at 7.



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

Key Messages (updated 15 Jul 16):

- All scenarios except Scenarios 12 and 28 had at least one participant blocked or fail testing. However, there has been an increase in the overall number of participants which have passed tests. 16 scenarios have at least 1 Large Shipper blocked or failed (one less than the previous portal submission).
- Scenarios 2, 8, 9 and 21 have the highest number of blocked participants (6 or more). The defect prioritisation report responses identified 23 different defects impacting these scenarios, so there is no single defect causing the majority of these blockages and failures.



Overview Project Delivery

Market Trials

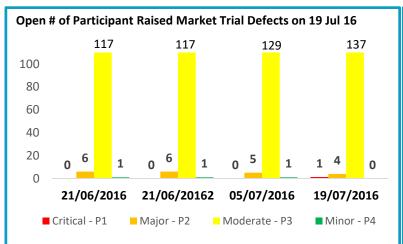
Data

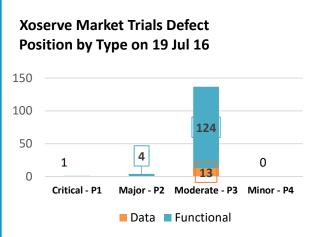
Transition

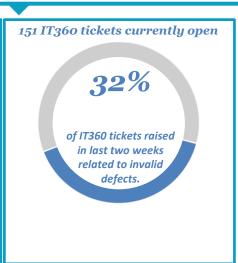
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Appendix

Market Trials - Defects







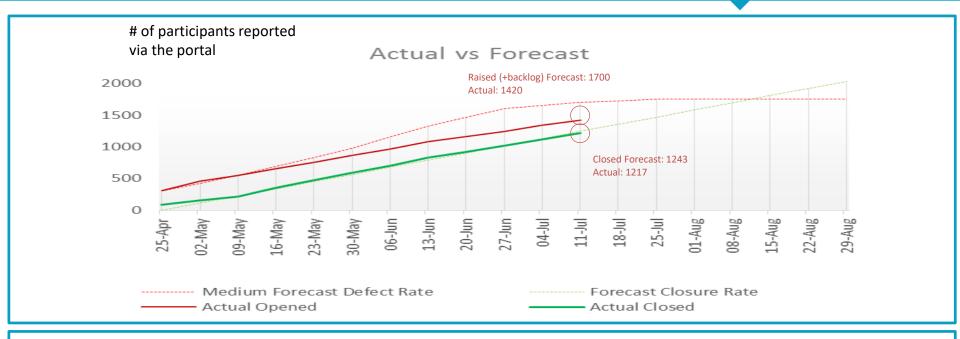
Key Messages (19 Jul 16):

- 17 of 37 (defect report) responses were received by 0900hrs, 15 Jul 16 in time for the prioritisation call. PwC are pursuing non responders via Ofgem, particularly where participants have raised blocked defects on the portal and not attended the prioritisation call.
- 17 of 24 prioritised defects were closed as of 21 Jul 16, with a further 7 still pending fix, post remediation of the (AML 10451) P1 incident102 defects were closed between 4 14 Jul 16 (of those closed, 67% passed and 32% were rejected, with a final 1% were closed due to duplication).
- To provide improved reporting metrics around the likelihood of participants completing MT and accounting for the difference in % blocks, ongoing improvements are being made to the data collection sheet and the defect prioritisation report.
- Only a total of 6 defects (each identified by a different participant) were noted to be impacting mandatory RGMA Scenario 8 (Asset Updates).

Data



Defect Burn Down (UAT, MT)



- 82 new defects opened w/c 11 Jul 16 is now above the forecast amount for the week (50), which is down to the fact that Market Trials is not ramping down (as originally expected) and is in fact being extended this extension will need to be featured into a re-vamp of the defect burndown (assuming more defects are expected to be raised beyond July).
- Close-out was slightly under average for the week (98 defects).
- Performance over the last 4 weeks has been better than forecast.

Source: Xoserve 1



Market Trials - Queries

Query status by constituent type							
Shinney iCT CT DMSD Other Cread Tatal as at 10 livl 14							
Classed	Shipper	iGT	GT 270	DMSP	Other	Grand Total as at 18 Jul 16	
Closed	1054	110	279	37	21	1507	
Open	101	7	25	6	3	142	
Grand Total	1155	117	304	43	30	1649	

All Open Queries Age Analysis					
Figure as at 18 Jul 16					
0-10 days	days 36 25%				
11+ days	106	75%			
	142	100%			

All Closed Queries Age Analysis						
	Figure as at 18 Jul 16					
0-2 days	883	59%				
3-5 days	220	14%				
6-10 days	147	10%				
11-20 days	138	9%				
20+ days	119	8%				
Total	1507	100%				

Key Messages:

- 91% of all queries raised are now closed.
- 83% of queries are closed within the 10 day SLA with 73% being closed within 5 days.
- Key focus area is to analyze the 106 open queries which have been open for >10 days to reduce this number.

Market Trials

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Data

Transition

Appendix

GONG



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	•	⇔	Market Trials has returned to a BAU state after P1 incidents caused lost testing days. The final scheduled functionality deployment (30 June file format changes) have been deployed with no planned functionality releases planned for the remainder to market trials.	A039, A046	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	•	\(\)	On hold to cater for re-planning.	A046, A052	MTWG
MT3.2 Regression testing complete	•	**	On hold to cater for re-planning.		

Source: Xoserve 17



Overview Project Delivery

Market Trials

Data

Transition

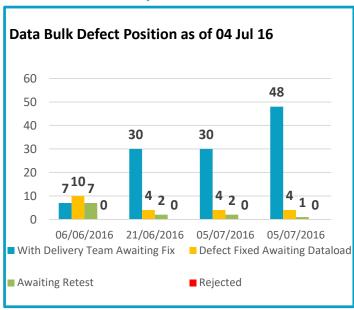
GONG

Appendix

Data - Progress

Key Messages (19 Jul 16):

- BW bulk load completed on time.
- Bulk Load validation is set to complete by 22 Jul 16 validating the existing Production load to understand quality and any remediation needed. The resolution path for defects identified will be defined following completion of validation.
- The Delta load has been put on hold. Further Delta tests, proposed in the scenario C approach have been incorporated into the Overall plan; Delta Test Cycle 1 has commenced and is expected to complete 22/08 ahead of confirmation of the new overall delivery plan.
- NED Test cycles continue to drive IGT, Unique Sites testing for resolving existing defects and improving performance.
- Participants are required to support the DMG and ensure linkage between their Nexus teams and their DMG reps. Specifically, we need the participants with SAP IS-U experience to bring this into DMG.
- Implement the iGT / Xoserve / shipper data object reconciliation process.
- Risk assess the SAP IS-U data population to identify objects at risk of validation or work flow failure. Identify if any gaps exist in current data cleanse activity.



Milestones	RAG	Progress/Comments as of 07/06/16	Actions	Action Owner
D1.2.DMCT3 Delta Complete	\	Milestone complete.		
D2.1 Bulk load complete	\	Milestone complete.		
D2.2 BW load complete	~~	Milestone complete		
D2.3 First Delta load complete	~~	These Milestones are currently on hold due to re-planning activities. Dependent on completion of 1.2.		
D3.1 All Delta loads complete	~~	These Milestones are currently on hold due to re-planning activities. Dependent on completion 2.3.		

Source: PwC and Xoserve 18





Market Trials

Data

Transition

GONG

Appendix

Transition - Progress

TPG Products	Date	Owner
Communications Approach	On Hold	EDFE
PIS Industry Support Approach	On Hold	E.ON
Cutover Governance Strategy	On Hold	TPG Lead
Scenario Planning	Oct 16*	TPG Lead
Defining Steady State post go-live	Oct 16*	Xoserve
Reporting through cutover and go-live	Oct 16*	Xoserve
GONG Evidence Review	On Hold	PwC
Industry Transition Preparation Document	16 Aug 16*	TPG Lead
Industry Transition Plan	On Hold	TPG Lead
Catch Up Batch Overview	On Hold	Xoserve
iDR Scope Overview	Reissue	Xoserve
Low Level Transition Design	Reissue	Xoserve

Key Messages (19 Jul 16):

- Due to the re-planning session taking place on 20 July 16, 67% of the TPG products are on hold until a new delivery plan has been generated.
- The following products all have TPG sub-groups which are enabling progression to continue:
 - · Scenario Planning.
 - Defining Steady State post go-live.
 - Reporting through cutover and go-live.
- The Industry Transition Preparation Document provides clarity to the TPG forum of the products that need to be delivered as part of Transition. This has been updated to reflect the agreed set and will be sent out for review to the TPG forum on 21 July 16 prior to sign off being requested at the TPG on 02 Aug 16.
- Transition milestones have now been established to deliver TPG products and once delivery date is identified for Project Nexus, it will allow an Industry Transition Plan to be created.
- T1.1 milestone on hold until new delivery plan is set to understand timing of first dress rehearsal.

*These dates may be updated once new delivery plan is released

= Items highlighted in pink are to be created or reissued by Xoserve

1	Milestones	RAG	Progress/Comments as of 19/07/16	Actions	Action Owner
f	T1.1 Completion of First dress Tehearsal Complete	•	On Hold due to re-planning. New delivery schedule due at end of July.		

Source: PwC from TPG

Market **Trials**

Data

Transition GONG **Appendix**



GONG - Progress

Key Messages (as of 19 Jul 16):

• Against the current plan, The GONG Workstream has not yet been RAG rated. Once an industry plan has been confirmed a RAG status and reporting will be applied.

M	ilestones	RAG	Comments as of 19/06/16	Actions	Action Owner
PE	05.1 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

20 **Source: Participant**

Data



Appendices

#	Title	Slide
1	Action Log	22 - 27
2	Release Management Plan	28 - 30
3	Baringa CSA Programme Report	31 - 34
4	Working Group Meetings	35
5	Hot Topics	36 - 37
6		
7		
8		
9		



Action #	Action	Progress	Owner	Status	Due	Forum
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.	The Project Nexus Governance Interaction document was sent from the PMO inbox on the 08 Jul 16.	PMO		08 Jul 16	PNSG
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		31 May 16	PNDG
A043	Expand the DMG and determine a new ToR to ensure data quality issues are appropriately managed.	The updated ToR is on the Xoserve website. Data Management Group-ToR-V1-0	DMG		08 Jul 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.	This action is ongoing. Propose to move due date to 16 Sep 16 to allow for completion of re-planning exercises.	TPG		19 Jul 16 16 Sep 16	PNDG
A045	Develop an industry wide transition governance framework that incorporates the GONG criteria.	This is dependent on getting the GONG Assessment dates, which will be determined in Aug as a result of the replanning exercise and will be approved at the PNSG taking place on 30 Aug 16 Propose to move due date to 30 Aug 16.	TPG		19 Jul 16 ————————————————————————————————————	PNDG
A046	Follow up with market participants identified as behind schedule with market trials testing to identify required remediation activities.	This will continue throughout Market Trial's testing with follow up as appropriate.	PwC		31 Jul 16	PNDG



Action #	Action	Progress	Owner	Status	Due	Forum
A052	MTWG to include in their work on MT blockers the identification of the reasons for the apparent slow uptake in US testing.	US testing has been reviewed in MTWG and the Market Trials Task Force.	arket MTWG		30 Jun 16	PNSG
A054	PwC to investigate with Xoserve to define programme level appropriate milestones for releases. This is underway within the industry planning process.		PwC		29 Jul 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 has been included in the UNC532 decision letter. This can be found at: UNC532D decision letter	Ofgem		08 Jul 16	PNDG
A062	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.	IDRs are on hold as a result of re-planning activity. Due dates will be changed with information from re-planning.	Xoserve		16 Sep 16	PNDG
A063	L3/L4 exit criteria to include information around numbers of defects and potential for operational issues post go-live.	This has now been documented and is in draft for review. This will be included within the Market Trials approach document.	PwC		21 Jul 16	PNDG
A067	Investigation into market trials blocking issues and identification of solutions to progress MT.	This action will be closed as it is covered under A088. The purpose of the Market Trials Task Force is to explore the causes of participants reporting a 'blocked' status against critical scenarios.	PwC		15 Jul 16	PNDG



Action #	Action	Progress	Owner	Status	Due	Forum
A068	Escalate non responsive participants to PNSF attendee to provide better data quality for reporting.	Being completed as appropriate.	PwC		31 Jul 16	PNDG
A074	PwC will assess key industry processes coverage as part of their assurance report for market trials level 3/4 exit. This is ongoing as part of PwC assurance activity. PwC		PwC		31 Jul 16	PNDG
A076	Participants to raise any concerns with respect to the published baseline by emailing projectnexus.pmo@uk.pwc.com	Responses were obtained and have been shared with Xoserve.	Participants		14 Jul 16	PNDG
A078	A meeting will be organised with PwC, EDF, Xoserve and Ofgem to discuss next steps and timelines.				11 Jul 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 Jul 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.	Query Metrics slide has been included in the PNDG pack.	Xoserve		05 Jul 16	PNDG



Action #	Action	Progress	Owner	Status	Due	Forum
A082	PMO are to review the change control process and check that it is appropriate and being adhered to (This also relates to A069, which requires Xoserve to make sure that all changes are effectively agreed and communicated through the right channel.) PN PMO do not believe that PNDG should be responsible for approving every UKLC change. However there is a need provide greater visibility of changes to PNDG members so it can be discussed. As a next step PMO will ensure governance structure reflects the change control process - propose to move date to 04 Aug 16.		Ofgem and PwC		15 Jul 16 ———————————————————————————————————	РМО
A085	Xoserve are to provide a summary report of the P1 incident and resolution. Date of issue of the P1 report to be confir root cause analysis. 22 Jul 16 for file procedul Jul 16 for data P1.		Xoserve		22 Jul 16 - file processing P1 29 Jul 16 - data P1	PNDG
A087	Xoserve are to provide information about how they are progressing with delivering reporting requirements, as there is currently no visibility.	This action is overdue. Participants have requested greater insight into the % of reports delivered into MT. There is a belief that the 99% UAT does not cover reporting requirements. Participants are suggesting that a milestone for report delivery complete would be beneficial.	Xoserve		21 Jul 16	PNDG
A089	PwC are to meet with Baringa to discuss the defect management process and agree a set of 5 – 10 actions that should be taken to improve the process.	Meeting has taken place and key actions were discussed. PwC have documented actions and they have been shared with Xoserve/Baringa. Once agreed these will be tracked through PNDG.	PwC and Baringa		12 Jul 16	PNSG
A090	In order to ensure industry planning correctly reflects market trials status, a special Market Trials focus planning session will be held.	This session was held 19 Jul 16.	PwC and MTWG		29 Jul 16	PNSG
A092	Within the 02 Jun 16 Ofgem letter there are customer related risks. Determine if these are already covered by the GONG criteria and if not, include these risks in the RAID log as a means to manage these effectively.	PwC reviewed the letter and concluded that the customer risks were adequately addressed in the GONG framework.	PwC		14 Jul 16	PNSG



Action #	Action	Progress	Owner	Status	Due	Forum
A093	Organise a risk workshop to update likelihood and impact scoring for each risk to reflect the new industry plan.	Planning is underway. Participants will be contacted in week beginning 25 Jul 16	PwC		22 Jul 16	PNSG
A094	It has been noted that there are some defect resolution dates that extend beyond Market Trials. Xoserve to identify-the number of defects that will not be resolved for Market Trials by 31 Jul 16. No current defect resolution dates extend beyond 31 Aug 16. Xoserve to follow up with Participant who raised this action. Xoserve		Xoserve		11 Jul 16	PNSG
A095	Identify participants who could lead learning sessions on functionality in order to reduce the rate of invalid defects. Provide a list to PwC and Ofgem.	Xoserve and PwC to agree a list of participants.	Xoserve		12 Jul 16	PNSG
A096	Organise learning sessions between market participants to allow learnings to be shared. (Dependent on action A095)	This is dependent on A095	PwC		14 Jul 16	PNSG
A097	Organise an interim call with the PNSG to provide an update mid July.	This took place 21 Jul 16.	PwC		08 Jul 16	PNSG
A098	Distribute the definition and outline of Xoserve hypercare services (previously prepared for UKLF) to the PNSG members	Below is the link from the UKLIEF Meeting in March 2015. As mentioned this was part of a wider Service Mgmt update with the relevant diagram being on slide 5. In UKLIEF the lead for this area was present and provided the background and context which is not in the slide. Service Management Overview	Xoserve		08 Jul 16	PNSG



Action #	Action	Progress	Owner	Status	Due	Forum
A099	Distribute role description of the volunteer position required within TPG to support the development of hypercare requirements for market participants.	A volunteer from EON has agreed to provide fill this role.	PwC		08 Jul 16	PNSG
A100	Once Npower collate all the transition requirements from TPG and submit a Transition Report Change Request, Xoserve are to provide further information about when an impact assessment would take place (concerning 1014).	Impact assessment underway by Xoserve.	Xoserve		22 Jul 16	PNDG
A101	PwC to analyse the feedback from the task force calls and identify next steps and timelines for addressing issue. Information from A089 will also be included.	In progress	PwC		05 Aug 16	PNSG



Overview Project Delivery

Market Trials

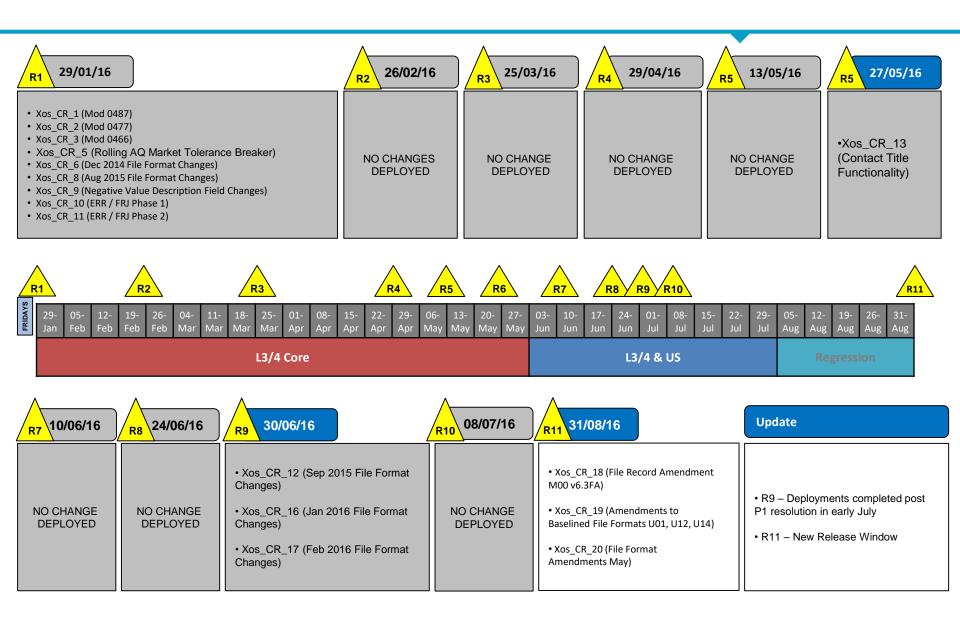
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Appendix

Release Management Plan





Overview

Market Trials

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Appendix



Release Management Plan

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	V 60.NI	Industry		5 0 11 10 11		Impacted S	takeholders		Poloaco No	
Date Added	Xoserve CR No.	Reference No.	Industry Change Title	Functional description of change	Shipper	GT	DMSP	iGT	Release No.	
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	



Market Trials

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Appendix



Release Management Plan

Date Added	Xoserve CR No.	Industry	Industry Change Title	Functional description of change		Impacted !	Stakeholders		Release No.	
	Libserve Cit No.	Reference No.	- massiy enunge rice	- anctional accomption of change	Shipper	GT	DMSP	iGT	nerease No.	
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		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	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	
05/07/2016	UKLP IADB176 CP 1582.2	Xos_CR_18	File Record Amendment M00 v6.3FA	Description change to indicate the meter index (rather than the uncorrected converter index) will be provided. Files will be issued to Market Trials Users containing the uncorrected converter index. In some instances the composition of the index would be different to User expectation – i.e. if the number of dials are different – but the files should continue to be generated to Users so that they are able to receive and validate these files.					R11 – 31/08/16	
05/07/2016	UKLP IADB182 CP 1578.3	Xos_CR_19	Amendments to Baselined File Formats U01, U12, U14	This change withdraws a previous change so reverts to Legacy treatment in User systems. The change removes the condition in new UKL that where an AMR Device is present only two readings (corrected and uncorrected index) are required. Users would be able to bypass this condition by removing the AMR device for each meter point.					R11 – 31/08/16	
05/07/2016	UKLP IADB179v2/ UKLP IADB185 CP 1590	Xos_CR_20	File Format Amendments May	This change pack is comprised of a number of changes to file formats. All changes relate to Transporter to User flows. The impact is that without this change being implemented in MT that when the file is being generated this will result in exceptions within AMT which would need to be resolved by Xoserve prior to issue to Users, as such the impact to Users is expected to be limited. Negative value changes - Users have indicated that a -ve value description change has limited impacts to them. In MT, Xoserve will be unable to issue the RGTA Entry Capacity Invoice where a negative value is contained in the fields impacted by this change. S30 Record / WAO File - MSN change to Optional from Mandatory - in legacy the MSN Optionality is not correctly observed. It is expected that this is a rare scenario, where a MSN is present this file will be generated without issue. - U74 Record / CFR File - Description describes this as a text field, but domain is numeric.					R11 – 31/08/16	



CSA Programme Board Report

UK Link Programme

Client: Xoserve

Date: 07th July 2016

Version: V0_2

Reputation built on results

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Executive Summary



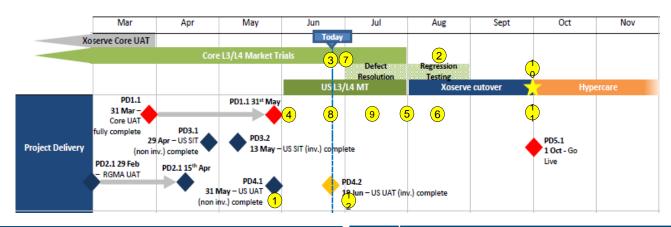
- Baringa continue to report the Programme as a RED status this period against an October 16 implementation date*
- Replanning is a current focus area for most workstreams with 'bottom up' planning feeding into a revised overall Xoserve delivery plan
- Given the timescales of the industry replanning process a number planning assumptions will not be validated ahead of a revised implementation date being set. Xoserve should clearly communicate where any areas of uncertainty remain and the timelines for concluding outstanding analysis
- Current key risk and issue areas are:
 - Delta/NED considerable further testing is required to close defects, allow for additional validation and prove the iGT migration and 'in flight transactions' approaches
 - The approach for comprehensively assessing data quality across the full data set needs to be finalised
 - Stress testing is progressing slowly with particular challenges encountered with the Market Flow component
 - Exceptions activity is required to validate the scope and scale of Day 1 exceptions and then plan the mobilisation of an appropriate exceptions team
 - Change Requests a number of CRs are pending impact assessment to determine whether they must be delivered for Day 1. Workstream
 ownership must be established for the delivery activities associated with workaround solutions for deferred CRs
- Key responses required to address high risk areas:
 - Finalise the scope of further Delta/NED test and validation activities
 - Develop a mechanism to succinctly articulate the data quality position across the full spectrum of data sources
 - 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
 - Prioritise RCAs associated with Market Flow issues encountered in MT and PT. PT must focus on proving the efficacy of this component
 - Conclude impact assessment of all pre-delivery CRs and ensure high level delivery dates feed into replanning work

^{*} A period of detailed replanning is required following Ofgem's decision to support Option C (deferral of implementation to February -> April 17) following which the risk profile associated with a revised plan can be reassessed and an appropriate RAG status determined

Plan & Risk Horizon

Industry POAP extract (29th June)





	Issue/Risk		lssue/Risk
1 Þ	There's a risk that there may be inconsistencies in configuration and code between environments which may result in additional defects being identified within Market Trials	7 🕏	Process improvements identified to expedite MT defect fixes require implementation including development and maintenance of a 4 week view of fix deployments into the MT environment
2 🕏	Industry agreement needed on MT Regression test requirements – test to be scoped based on analysis of the change deployed into MT and consideration of how best to drive delivery efficiencies e.g. regression test effort divided between industry parties	8 🖈	Data defect volumes remain high with a number of defects requiring multiple fix attempts. An approach for assessing holistic data quality needs defining. Bulk client copy to be progressed to support further Delta/NED testing.
3 🖈	Impact assessments of 'pre-delivery' CRs must be concluded on priority to determine which are must haves for day 1. Clear ownership for deferred CR workarounds is needed	9 🗪	A clear plan is needed for the testing of 'inflight transactions' ahead of IDRs. The migration approach for iGT data needs to be determined as soon as possible to allow for sufficient testing ahead of production loads
4 1	Orphan source rule analysis close to concluding. A sampling exercise is required to assess the accuracy of the linkages which have been established	\(\bar{\phi} \\ \bar{\phi} \)	User readiness risks remain: Continued concerns over training material quality and completeness Lack of detailed specification for training data requirements Alignment shallonger between On model. Exceptions and Training
5 👢	RCA required for the Market Flow issues which halted Stress testing progress.	↑	 Alignment challenges between Op model, Exceptions and Training streams
	Initial results from Capacity Invoicing runs are suboptimal. Tuning and retest required.		Concerns persist regarding the extent of unknown exceptions given the limited scope of exceptions encountered in MT. A detailed approach and
6 1	The scope and approach for Gas Day Testing is becoming clearer yet requires finalising. A desktop extrapolation exercise is being utilised to determine expected results.		plan is needed to operationalise the team required to manage post go-live exceptions
			A firm plan for the delivery of US data to test is needed in order to
CohAugur @	odiniga Partners EEP 2015. Air rights reserved. This document is subject to contract and contains communitial and propf	i	effectively plan the final phase of US acceptance testing



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Working Group Meetings

Working Group	Next Meeting	Meeting topics
Market Trials Working Group (MTWG)	3 Aug 16	 Finalise detail of MT extension and regression approach (yet to be agreed in industry planning) Agree ongoing MT monitoring to be carried out by MTWG
Data Management Group (DMG)	10 Aug 16	 Update on Migration activities and metrics T-rules iGT Reconciliation iGT Reconciliation next steps iGT "Ways of working" GONG and Success Factors Market Critical Processes Application of t-rules by participants Dashboard Topics to be reported and criteria Potential reporting to help build confidence
iGT Single Service Provision (SSP)	15 Aug 16	 Review previous meeting summary and actions Data Preparation progress review Data Quality observations Discuss and agree iGT Transformation Rules Propose and agree functional changes identified by either Xoserve or iGT (e.g. File Formats, Rejection Codes) Knowledge Transfer of Xoserve systems and processes (UK Link / CMS / Portal / Data Enquiry / Customer Lifecycle) Discuss any requirements for iGT UNC modifications to support UKLP implementation ADHOC Market Trials matters for awareness Items related to Xoserve's current and future service offerings to iGTs
Transition Progress Group (TPG)	2 Aug 16	 Xoserve Delivery Plan Overview Industry Transition Plan Overview Performance Test Update GONG Evidence Review Scenario Planning Update

Note:

- 1) DMG and SSP lists the general topics covered at their meetings
- 2) TPG and MTWG lists the topics to be covered at their next meeting

Data



Hot Topic

Re-planning Update

Data



Task Force Background

The Task Force was put in place to determine the cause of Market Trials progress delays, working with Market Participants, Xoserve and Baringa to identify tactical steps to take in a prioritised manner to resolve issues and drive progress.

Using the information from the Project Nexus portal submissions, the Task Force organised calls with over 20 organisations. These calls provided insights to the cause of the blockers, including:

- Xoserve defects;
- Partnering coordination;
- Internal defects;
- Resource constraints; and
- Process issues.

Potential actions were identified to address the common issues and these were subsequently compared and compiled with noted opportunities from other initiatives underway so as to avoid duplication and ensure resources are used in the most effective way.





Background Information

The work across the multiple initiatives has involved Xoserve, Ofgem, Baringa, PwC and Market Participants and has taken the form of:

- Engagement with the Market Trials Working Group (MTWG)
- Execution of the defect prioritisation process along with analysis of Xoserve's performance and whether defect priorities map to what participants report as blockers
- Analysis of Market Participant portal submissions and follow up by PwC through assurance site visits and by Ofgem as appropriate
- Gathering and analysis of data by a dedicated Market Trials Task Force
- Collaboration between Baringa and PwC to compile and prioritise a list of findings and actions from their respective assurance reviews
- Reviewing existing actions listed in the PNDG/PNSG action log

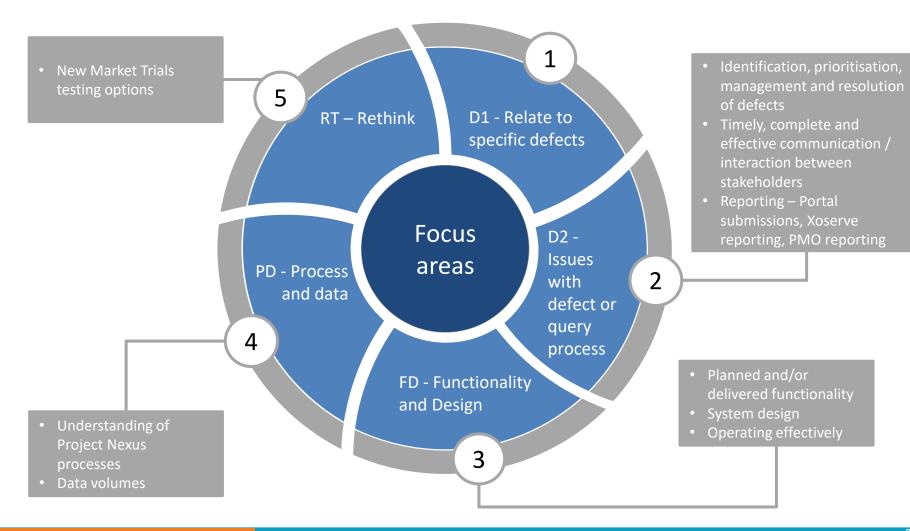
These initiatives were undertaken to find ways to improve market trials testing, quicken the pace and be able to estimate a likely conclusion date for testing with confidence.

The recommended actions from each of these activities have been compiled and been grouped into five areas.



Focus Areas

The actions have been categorised into five focus areas:





Market Trials

Data .

Transition GONG

Appendix



Background Information

The list of actions were provided as an input to the Industry Planning session for Market Participants to prioritise and commit to driving forward.

The top rated actions are included in the Industry Planning hot topic as means to improve market trials. These actions are split across the focus areas and have due dates within the next two weeks. Accountability has been outlined for each of these, including specific Market Participants, Xoserve, Working Groups, PMO and Ofgem. Progress on these actions will be monitored closely, as will the impact on the market trials.

The other remaining actions from the task force and other initiatives will be considered as the prioritised ones are completed.



Market Trials

Data

Transition

GONG

Appendix



Hot Topic

Project

Delivery

Market Trails Task Force Update