

# Project Nexus Delivery Group [PNDG] Status Report

*20 September 2016*

**Covering the period: 02 Sep 16 – 15 Sep 16**

ofgem

# Agenda

#	Title	Slide
1	Agenda and Approval of PNDG minutes	5 min
2	Programme Status Report	15 min
3	Work stream Updates	15 min
4	Plan on the Page (POAP) Overview	25 min
5	Market Trials Remediation Plan	15 min
6	Market Trials Exit Criteria	15 min
7	Market Trial Activity	10 min
8	POAP Next Steps	10 min

Minutes can be found on the **ofgem** website at:

<https://www.ofgem.gov.uk/gas/retail-market/market-review-and-reform/project-nexus>

# Programme Status Report

**Project Nexus:** As @ 14 Sep 16

**Sponsor:** Jon Dixon

**PMO:** Melisa Findlay

**End Date:** 01 Apr 17 (reporting baseline)

RAG Status	Project Delivery	Market Trials	Data	Transition	GONG
Overall	<span style="color: orange;">●</span> ↔	<span style="color: red;">●</span> ↓	<span style="color: red;">●</span> ↔	<span style="color: orange;">●</span> ↔	<span style="color: grey;">●</span> ↔
Xoserve	<span style="color: orange;">●</span> ↔	<span style="color: orange;">●</span> ↔	<span style="color: red;">●</span> ↔	<span style="color: orange;">●</span> ↔	<span style="color: grey;">●</span> ↔
Baringa <small>(view of Xoserve)</small>	Omitted from this report pending Baringa update				
Participants	<span style="color: green;">●</span> ↔	<span style="color: red;">●</span> ↓	<span style="color: green;">●</span> ↔	<span style="color: green;">●</span> ↔	<span style="color: grey;">●</span> ↔

**Programme Status:** ●

**Programme Trend:** ↔

**Since:**

05 Aug 16

● Poses significant risk to go-live – Immediate mitigation require

● 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

**Project Nexus Programme Background:** Project Nexus is the implementation of new business processes for gas settlement reform and single service provision for GT and iGT's with the central system being delivered as part of Xoserve's UK Link Programme. The programme involves participation from shippers, gas transporters, independent gas transporters and Xoserve. This report structures the programme into five workstreams: Project Delivery (Solutions and Services); Market Trials; Data (Migration and Cleansing); Transition; and GONG.

### Activities since last PNDG:

- PMO followed up on the portal submission with specific organisations, agreeing improvement actions.
- V0.4 of plan and support documents was issued.
- Constituency workshops to review the V0.4 plan were conducted, leading to adoption of V1.0 by end of Sep.

### Upcoming activities:

- Regression testing approach to be finalised.
- PMO conduct follow-up activities on latest portal submissions.
- Issue version 1.0 of plan to be released.
- Undertake RAG rating of all Milestones.
- Update of RAID based on new plan.

### Overall RAG Commentary:


**This report is prepared against the 01 Apr 17 reporting baseline.** On this basis the programme continues to track RED. This is driven by the Data workstream that is encountering problems, delays to the successful completion of delta testing, concerns around the development of the iGT bulk transfer solution, and also, now by MT. Where despite improved overall progress, 5 of the 6 largest shippers have now declared a red status. However, the portal submissions and direct participant feedback would seem to indicate that we are now dealing with a smaller list of common issues across many participants. Further information on these is provided in the MT section of this report.

### REMEDIATION ACTIONS:

Version 0.4 of the proposed plan was issued on 08 Sep 16. This plan proposes a 01 Jun 17 go-live date with a fall-back option to 01 Jul 17. The updated plan, if adopted, relieves pressure on the Xoserve critical path (Data) by removing parallelism and providing for some contingency against key tasks. Adoption of this plan would allow Xoserve to return to a green/amber status.

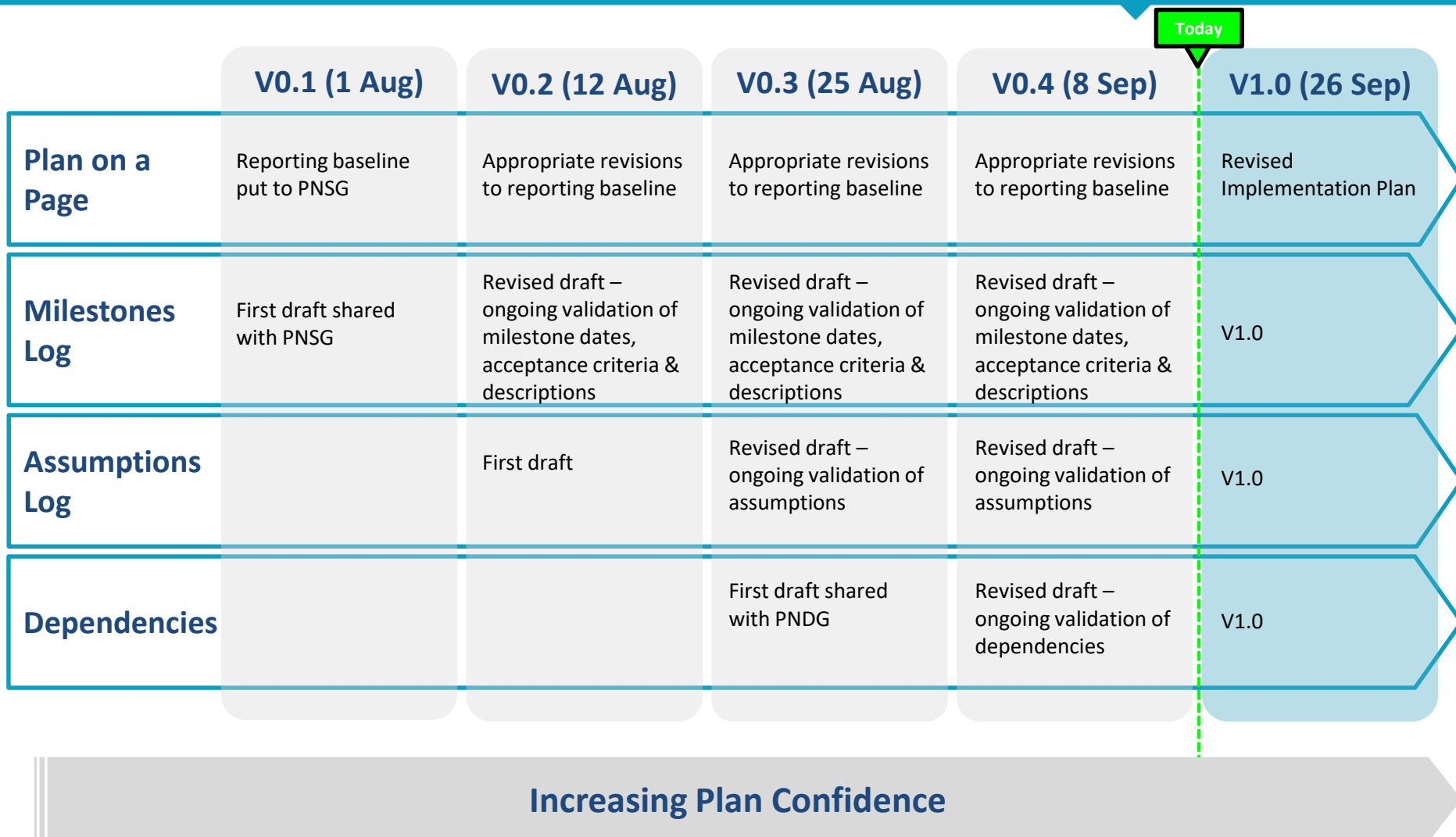
With respect to MT completion, the PMO is reviewing the 09 Sep 16 portal submissions and following up with participants to determine the likely status of the market at 30 Sep 16. There is a risk that there will be a requirement for some remedial actions post 30 Sep 16 to allow participants to complete key elements of their testing. Any remedial action will need to be agreed between the relevant participants, Xoserve and the PMO in order that it does not place undue pressure on Xoserve's key resources who, during Oct through to Dec, are scheduled to be supporting other key activities in the Xoserve plan (notably IDR1, the second bulk load and the continuation of performance testing). The aim is to submit the remediation plan and V1.0 of the programme plan to OFGEM for approval at the same time. This is currently planned for the next PNSG which is scheduled for the w/c 26 Sep 16.

# Plan Confidence - Dashboard



Area	Criteria	Desired outcome	Due Date	Last Period	This Period	Trend	Comments
Xoserve plan	Delta	Delta checkpoint 1: Delta TC1 defect fix validation – i.e. sufficient defect closure.	29 Aug 16	In Progress	Complete	-	Delta CP 1 has completed with any outstanding defects being managed and flowing into IDR.
Xoserve plan	Assurance	Plan assurance complete (Baringa).	08 Sep 16	In Progress	Complete	-	Complete with exec summary findings and recommendations shared at constituent meetings this week.
Xoserve plan	Assurance	Plan assurance complete (PwC).	16 Sep 16	Not Started	In Progress	-	fieldwork is complete, initial feedback sessions with Xoserve and Ofgem. Still trying to schedule close out meeting with Xoserve CFO.
Xoserve plan	IDR	NED checkpoint 1: Post-IDR1 NED performance (time and quality).	09 Oct 16	Not Started	Not Started	-	The anticipated start date has been identified as the 30 Sep 16.
Xoserve plan	Delta	Delta checkpoint 2: Post-IDR1 Delta performance (time and quality).	09 Oct 16	Not Started	Not Started	-	
Xoserve	Functionality	Remaining functionality delivered to plan. Clarity on changes.	TBA	↑	↔	-	Aug functionality was delivered with the exception of 2 CR (DMSP only) deployment of which are being reviewed. Remaining 3 CR are under impact assessment by Xoserve.
Market Trials	New defect rate	Sustained reduction in new defects raised rate.	Weekly	↑	↔	↔	The number of defects opened remained the same at 16.
Market Trials	Defect closure rate	Sustained increase or sustained performance on defect closure rate.	Weekly	↓	↓	↓	Closure rates are falling with a decline in defects closed 23 to 20.
Market Trials	RAG assessment	Portal submission showing a participant MT RAG status that indicate a clear majority of participants can complete.	26 Aug 16 09 Sep 16 23 Sep 16	↑	↔	↓	5 of the 6 largest shippers now RAG red against a 30 September completion. Mitigating remedial actions being determined.
Market Trials	MT Completion run-rate	Portal submissions showing sustained increase in run-rate that allows confidence in a forward prediction.	26 Aug 16 09 Sep 16 23 Sep 16	↓	↔	↑	Run rate improved to 3.3% but still remains short of the average run-rate required.
Industry Plan	Assurance	Participants have reviewed the plan.	30 Sep 16	Not Started	In Progress	↑	Constituent meeting feedback indicates increased comfort over the deliverability of the Xoserve portion of the new plan. Concern remains over completion of MT and remediation activity.

# Evolution of Plan



# Project Delivery Status Report

**Project Nexus:** As @ 14 Sep 16

**Sponsor:** Jon Dixon

**PMO:** Melisa Findlay

**End Date:** 01 Apr 17 (reporting baseline)

## RAG Status

RAG Status	Project Delivery
Overall	● ↔
Xoserve	● ↔
Baringa <small>(view of Xoserve)</small>	Omitted
Participants	● ↔

**Workstream Status:**



**Programme Trend:**



**Since:**

05 Aug 16

**Project Delivery Background:** The Project Delivery Workstream covers Xoserve UK Link Programme Delivery - the development of the new UK Link solution including user acceptance testing and performance testing, and Service Operations - the design and implementation of Xoserve's new and revised service management arrangements. Service Operations includes the implementation of a new service management operating model, training in the new service management arrangements and the design and implementation of post implementation support (including hypercare) arrangements.

## Overall RAG Commentary:

- The workstream is Amber against the 01 Apr 17 delivery plan:
  - Stress Testing defect resolution is in progress but the volume of defects has driven the completion date from 30 Sep 16 to 07 Oct 16. This delays the start of Gas Day Testing. No impact on the programme's critical path.
  - A contingency period to the end of September has been planned for UAT defect fix and retest. No impact on the critical path.

## Achievements since last PNDG:

Stress Test:

- Cycle2 with 5 scenarios started on time (22 Aug 16) - focusing on cycle 1 problem areas
  - Scenario 3 (Reads and Rec) execution complete, defects raised.
  - Scenario 4 (Rolling AQ) execution in progress – positive results seen with Rolling AQ executing well within the non functional requirement level.

Functional changes:

- Assessment of potential approach to deploy AMR device changes (176, 182) in progress.
- Release schedule for code stability related changes is completed (Appendix A) dependent on release or resources from MT at end of September.

## Remediation Action:

- Fix plan for Stress Test defects to be escalated and remain key focus for the Stress Test team in Cycle 3 planning.

## Upcoming activities:

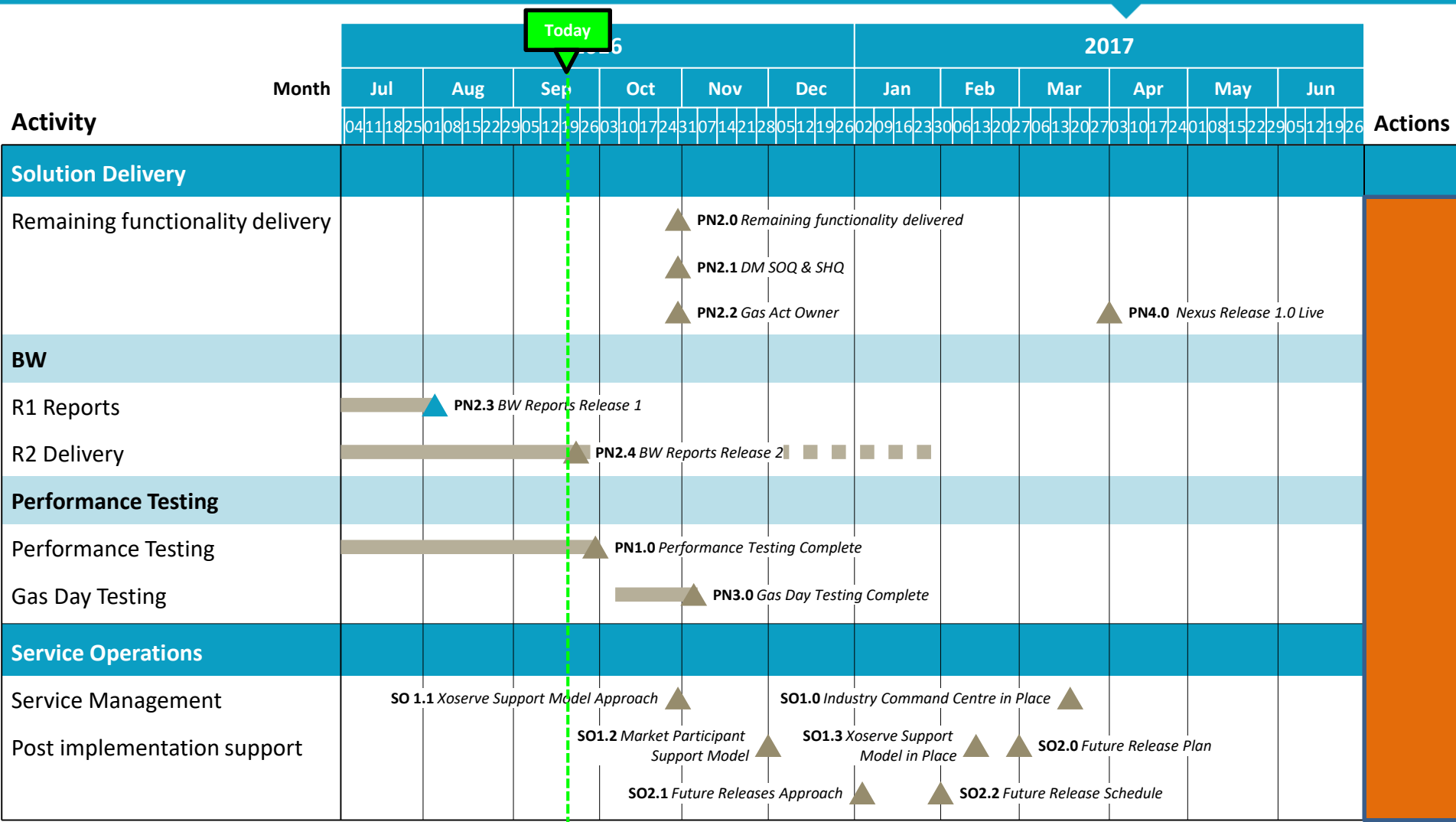
- Stress Test:
  - Cycle 2 – Completion of Scenario 4 (Rolling AQ) and Scenario 5 (Rec Billing) execution.
  - Progress fixes from Cycles 1 & 2 in order to execute Cycle 3.
  - Start Test Cycle 3 (Stress Test) scheduled for 19 Sep 16 (retesting fixes and issues).
  - PT end date 07 Oct 16.
- Conceptual options to provide a solution to support National Grid's DN sales will be discussed with NG to agreed a direction.

## Test Cycle Statistics:

Scenarios	1	2	3	4	5
TC 1	Complete				
TC 2	Complete			16 Sep 16 (End)	
TC 3	19 Sep 16 (Start) – 07 Oct 16 (End)				



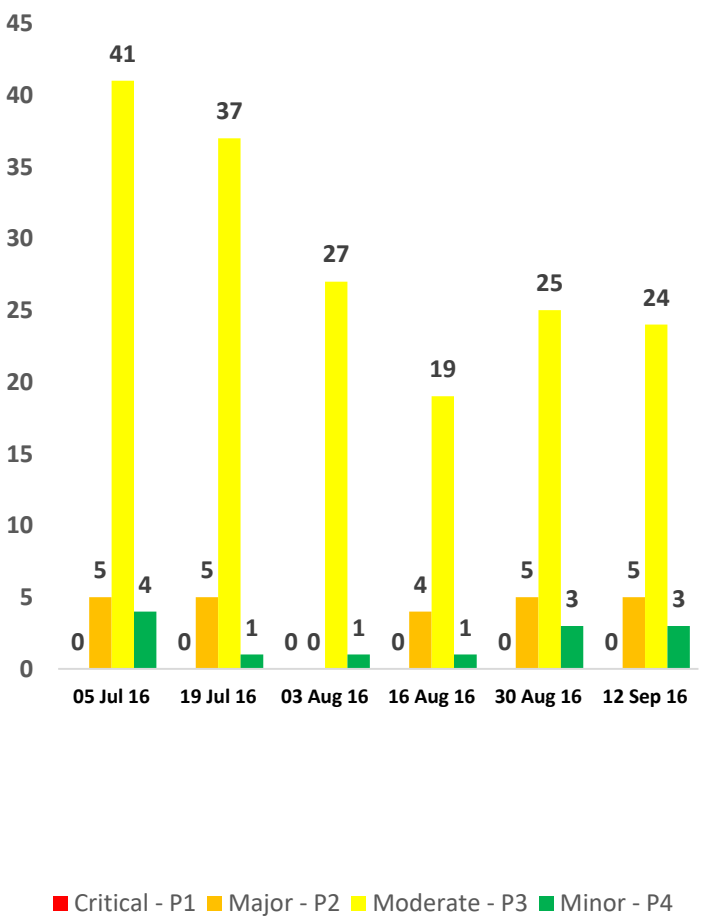
# Project Delivery Plan



**Milestone RAG Key:**  
 ▲ Industry Milestone   ■ Industry Activity   ■■■ Contingency   ▲ Complete   ▲ On Track   ▲ Risk to individual milestone(s)   ▲ Risk to go-live   ▲ On Hold   → Slip/expected delay of milestone

# Project Delivery - Dashboard

## Open Xoserve UAT Defect Status



## Graph Commentary:

- Focus of the fix teams has been on MT blocker and MT raised defects.
- A number of new defects have been identified in Unique Sites cycle 3 – this is testing with actual data, rather than testing new functionality.

## Project Delivery Commentary:

- **Performance testing:** Stress testing Cycle 2 Scenarios 1, 2 & 3 complete and Scenario 4 in progress. Cycle 2 Scenario 5, Reconciliation, will test tuning following Cycle 1. Cycle 3 planning in progress to rerun Cycle 1 with fixes and tuning and a full stress load. The end date is now 7 Oct 16 which will delay the start of Gas Day Testing.
- **Functional:** 13 test cases remain in E2E UAT. Data issues have slowed progress; the UAT MPRN data is not in-line with the data in MT which is stopping test cases being executed, a review of options to update or refresh data is in progress to facilitate execution. Unique Sites retesting on migrated data is progressing well and expected to complete 19 Sep 16, a contingency to 30 Sep 16 is planned for defect fix and retest.
- **Functional Changes:** An option to deploy the Class 1 AMR device reading change (UKLP IADB176, Change Pack 1582.2) into Market Trials is being investigated. An option to deploy the Class 2, 3 and 4 AMR device reading change (UKLP IADB182, change pack 1578.3) in the defect fix period being investigated.
- **Functional Changes:** The 3 Code Stability affecting changes (see Appendix A) scheduled for deployment ready for start of Regression testing on 09 Jan 17. Impact and explanation of these and descope items is in 14 Sep 16 UKLC change pack.



# Project Delivery - Action Log

Action #	Action	Progress	Owner	Status	Due	Forum
A127	Ensure future versions of the plan include post-implementation releases (target for inclusion of v0.3 of plan).	<p>Version 0.4 of the MAD log was published on 08 Sep 16 and included 2 milestones (PN5.0 and PN6.0) concerning future releases.</p> <p>These decisions will be made on 30 Sep 16 and 30 Nov 16 as shown on version 0.4 of the plan as milestones SO2.1 (Near Term Release Principles) and (Near Term Release Approach and Schedule). Propose to close.</p>	PwC/ Xoserve		25 Aug 16 → 14 Sept 16	PNDG

# Market Trials Status Report

**Project Nexus:** As @ 14 Sep 16  
**Sponsor:** Jon Dixon  
**PMO:** Melisa Findlay  
**End Date:** 01 Apr 17 (reporting baseline)

RAG Status	Market Trials
Overall	● ↓
Xoserve	● ↔
Baringa <small>view of Xoserve</small>	Omitted
Participants	● ↓

**Workstream Status:** ●

**Programme Trend:** ↓

**Since:** 09 Sep 16

**Market Trials Background:**  
 The Market Trials Workstream monitors participant progress through the trials phase reporting fortnightly to the PNDG. The reporting includes progress metrics, defect analysis, risks and issue, and is provided by participant self-assessments on the Nexus Portal, enabling a Market wide view of progress and blockers. The MTWG is a cross programme working group supporting and agreeing changes to the MT approach. Additionally the MTWG is required to provide market input in to any risks or issues that are captured during the phase.

**Overall RAG Commentary:**  
 This Workstream is rated as RED against the 01 Apr 17 reporting baseline. The 'MT execution completion' milestone on 30 Sep 16 is at risk due to the period run rate of 3.3% continuing to track below the required rate of completion and 5 participants (all Large Shippers) reporting as 'red'. From 09 Sep 16 portal submission, a consistent set of 'caveats' to complete by 30 Sep 16 has been identified (see MT dashboard) and analysis has commenced by MTWG.

- Achievements since last PNDG:**
- 31 Market Participants made submissions to the Assurance Portal on 09 Sep 16.
  - MT Regression approach document updated following PNDG feedback. It has been re-issued to PNDG for final review by 20 Sept 16.
  - Approach to MT exit was presented to participants in the industry planning constituency meetings.
  - MTWG held on 14 Sep 16 to review MT progress and consistent.

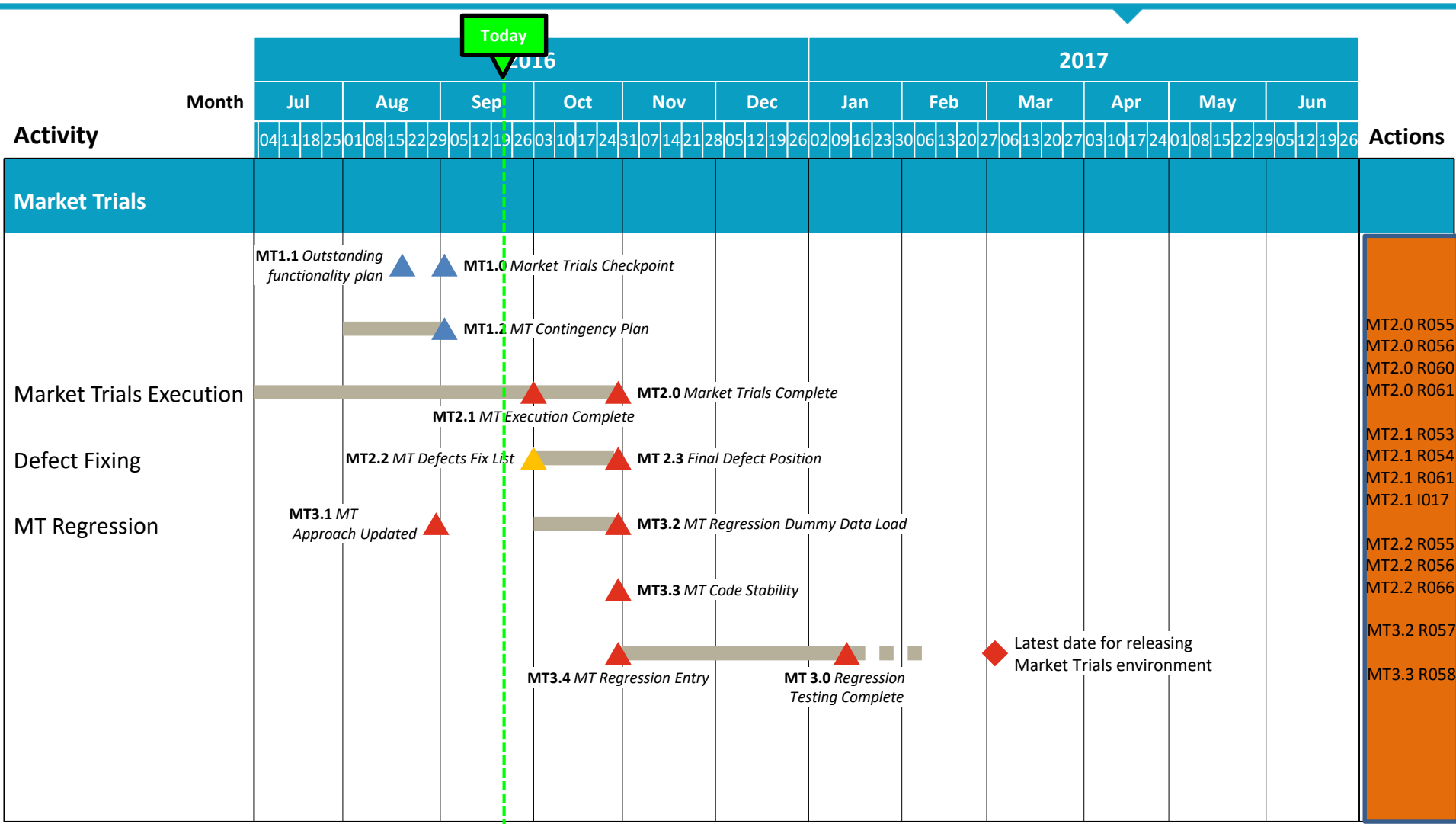
- Remediation Action:**
- Our mitigation plan is to look at remedial activity required to complete MT and determine whether this can be undertaken post 30 September. PwC to contact organisations who did not provide a the 09 Sep 16 portal submission. Repeat non-submitters escalated to Ofgem.
- MTWG review of the known 'caveats' identified in the latest Portal submission – see MTWG key messages below.
  - Preparation of remedial MT plan for approval by OFGEM at next PNSG

- Upcoming activities:**
- Follow up calls will continue with Market Participants to understand in detail their expected position at 30 Sept 16.
  - PwC to work with Xoserve to share the detail of the key blocking defects to understand if any re-prioritisation is required.
  - Commence MT Exit process, as outlined in industry planning constituency meetings.
  - MT portal submission due on the 23 Sep 16.

- MTWG Key Messages:**
- Process to identify and test workarounds during defect fix phase being defined.
  - Clarity required over the governance to be followed through MT gates.
  - Defect prioritisation submissions must now include a reference to the mandatory scenario the defect impacts (where applicable).
  - Implications for participants who have not tested in MT to be raised with Ofgem.
  - Proposal for continued background testing in Oct to Dec to be presented at PNDG
  - Proposal for operation of defect fix window being developed by Xoserve.



# Market Trials Plan

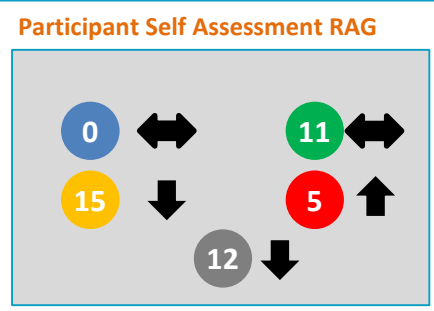


**Milestone RAG Key:**

- ▲ Industry Milestone
- ▬ Industry Activity
- ▬ Contingency
- ▲ Complete
- ▲ On Track
- ▲ Risk to individual milestone(s)
- ▲ Risk to go-live
- ▲ On Hold
- ➔ Slip/expected delay of milestone

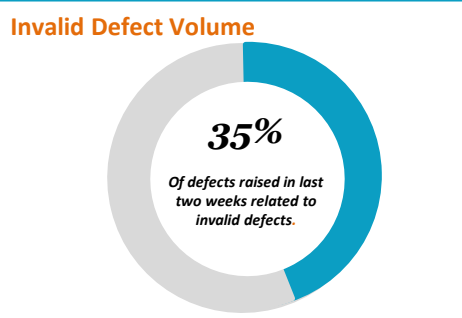
# Market Trials Dashboard

Based upon the Project Nexus PwC portal Submission: As @ 09 Sep 2016



### Xoserve Defect and Query Volumes

Category	Current Open	Open Last Period
Defects	69	60
Queries	46	24
Internal Defects	84	84



### Defect Prioritisation

Category	Last Week
# of Submissions	15
Priority Defects Resolved	5

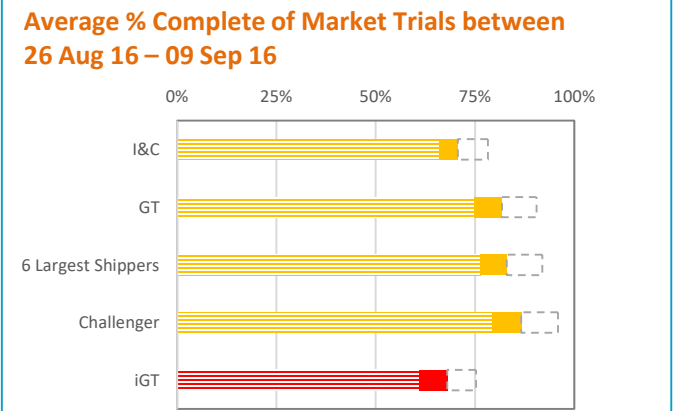
<span style="color:red">n</span>	Participants unlikely to meet MT exit	<span style="color:green">■</span>	Run rate is progressing On Track
<span style="color:orange">n</span>	Off track, remediation required to hit MT exit	<span style="color:red">■</span>	Significantly below the required run rate
<span style="color:green">n</span>	Participants on track with test schedule	<span style="color:grey">■</span>	Progress at portal Submission
<span style="color:blue">n</span>	Participants completed test schedule	<span style="color:yellow">■</span>	Behind required run rate
<span style="color:grey">n</span>	Participants that did not supply information	<span style="border: 1px dashed grey; display: inline-block; width: 15px; height: 15px;"></span>	Projected completion based on Avg required

### Key residual defects / issues expected on 30 Sept

- Many participants citing **open defects**. Specific defects vary from participant to participant.
- Annual NRL** expected in to MT on 23 Sep 16. Any defects unlikely to be resolved by 30 Sep 16.
- Portfolio reports** were delivered 9 and 12 Sep 16. Further defects could result in testing not being complete at 30 Sep 16.
- iGT RGMA file format baselines** – agreements made in the iGT RGMA task force over iGT RGMA file formats potentially require changes to participant systems. Impacted participants are currently analysing this requirement.
- Invoice backing data** (includes capacity, commodity and reconciliation invoices) delivery unlikely to support 30 Sep 16.
- Response files** not being received across a range of processes by a number of organisations.
- DUC and ERR/FRJ** – development and testing of changes to participant systems unlikely to complete by 30 Sep 16.

### MT Progress Outlook

- The run-rate across the industry has increased from 1.9% to 3.3%/week but this still fell short of the average required to hit the 30 Sep 16 target exit date. The new required rate is now 7.3%/week.
- iGTs achieved just 0.8%/week, and have been unable to post increased overall completion as an industry group. The key reasons cited for the lack of progress iGTs have been able to make is due to the awaited delivery of portfolio reports.
- 5 of the 6 Largest Suppliers are now rated as Red for a 30 Sep 16 completion.
- All participants in the other constituent groups have reported either green or amber status. However, this is caveated by the need for defects to be cleared and delivery of outstanding files and reports (e.g. portfolio reports).



# RAG Status at Risk

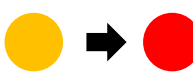
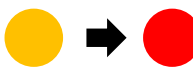


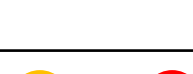
**Project Nexus PwC portal Submission Date:** as @ 09 Sep 16

## RAGs at Risk:

- In the 09 Sep 16 submission, 5 participants indicated in their commentary that their RAG status could come under pressure pending the resolution of blocking issues, and indicated a possible downgrade in the next submission.

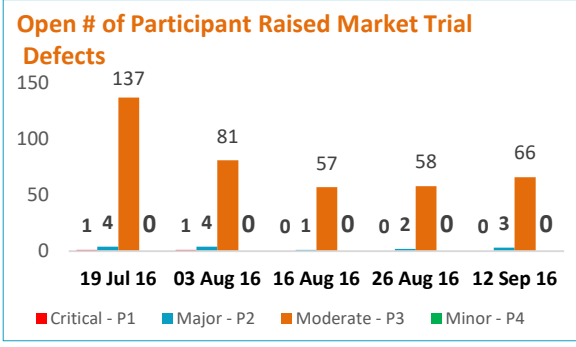
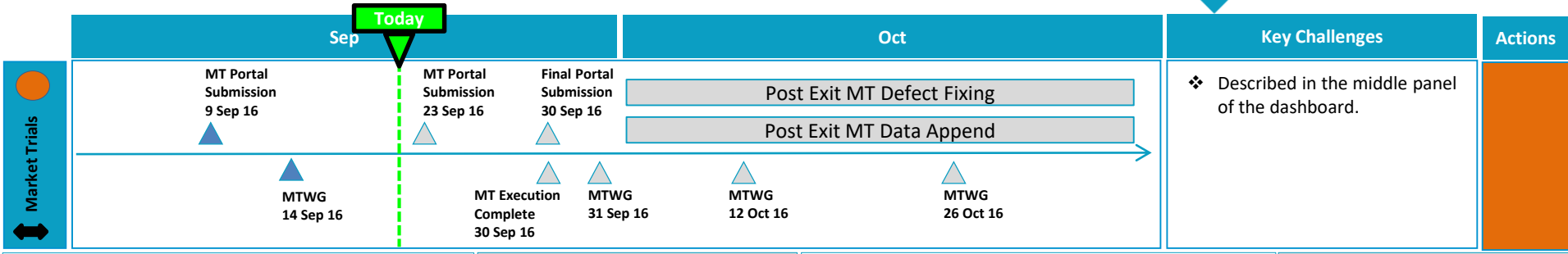
## Common Themes:

- AQ updates including the annual NRL file.
- Missing Response files (including CDJ files).
- Portfolio report issues (IDL/IQL, EDL/EQL and DDS).

Participant	Potential Downgrade	Caveat(s)	Action(s)
I&C		<ul style="list-style-type: none"> <li>5% of planned test cases have a dependency on the annual NRL file which must be delivered as expected on 23 Sep 16.</li> <li>Although the participant is still raising new defects, the quicker turnaround of defects must be maintained by Xoserve to allow successful test completion.</li> </ul>	<ul style="list-style-type: none"> <li>Continued participation in Defect Prioritisation calls, and Xoserve's continued commitment to resolving raised defects within their given expected delivery dates.</li> <li>Xoserve's delivery of the annual NRL on 23 Sep 16 must arrive as expected.</li> </ul>
Challenger		<ul style="list-style-type: none"> <li>Must pass the next monthly NRL validation to pass Scenario 15, as it is the last opportunity to do so before the MT exit date.</li> <li>Outstanding blocking defects must be resolved by the next submission, with no new blocking issues found.</li> </ul>	<ul style="list-style-type: none"> <li>Continued participation in Defect Prioritisation calls, and Xoserve's continued commitment to resolving raised defects within their given expected delivery dates.</li> </ul>
Challenger		<ul style="list-style-type: none"> <li>Participant is stating that some test execution could fall behind the target exit date of 30 Sep 16. One reason stated for this has been the re-plan to accommodate updated iGT new connections processes.</li> </ul>	<ul style="list-style-type: none"> <li>Work with participant to understand the impact of the testing that is expected to not be complete by 30 Sep 16.</li> </ul>
iGT		<ul style="list-style-type: none"> <li>Testing outstanding on the IQL file Xoserve are delivering on 12 Sep 16 needs to be successful.</li> <li>Multiple partners raising defects on 'expected CDJ files'.</li> </ul>	<ul style="list-style-type: none"> <li>Xoserve delivered IQL on 09 Sep 16 on 12 Sep 16.</li> </ul>
GT		<ul style="list-style-type: none"> <li>Critical portfolio report files (EQL/EDL/DDS/DDU) were delivered on 09 Sep 16 and 12 Sep 16. Testing of these needs to be successful in order for them to be complete by 30 Sep 16.</li> </ul>	<ul style="list-style-type: none"> <li>Interim follow up to verify anticipated progress is being made on Portfolio report testing.</li> </ul>

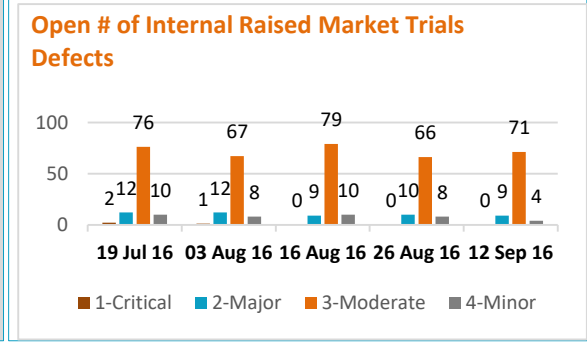


# MT Defects Dashboard



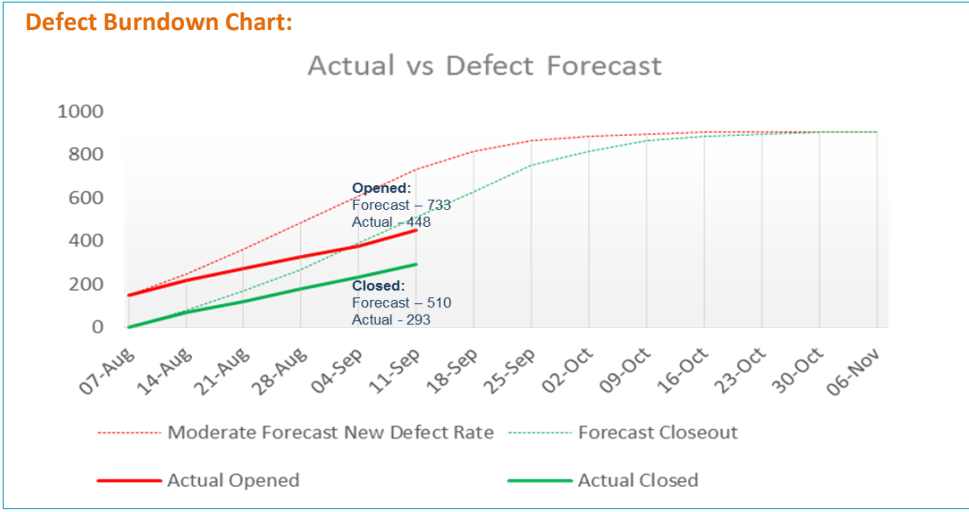
### Participant Raised Graph Commentary:

- Increase in external defects is attributed to end of holiday period.
- Defect fix team focused on closing out Top 20s.
- Numbers include 16 logged defects already in the Release Deployment Board queue or require an internal CR to progress.



### Internal Raised Graph Commentary:

- Overall decrease of open defects.
- These include defects which may not be MT impacting.
- There may be some overlap between internal and externally raised defects.



### Actuals vs Defect Forecast Commentary:

- General decline in the number of net open defects with a slight increase in the last week.
- New defects raised are trending below forecast - this is attributed to lower than expected testing/ new defect rates in MT.
- Defect closure rates are trending below forecast rates – this requires further investigation.
- Burndown assumes a relatively conservative (with built in contingency) forecast for future defects constructed based on:
  - Historical trend analysis and past MT defect rates.
  - PwC MT progress report and an assumed close of 'Core MT' by the end of September with a month of defect fixes in October.
  - Minimal remaining internal UAT estimates.
- The closure rate is also based on historical trend analysis, fix and Xoserve re-test team capacity, the deployment tracker and historic average closure times.
- The forecast includes functional defects (and estimates from phases that may generate such defects), but not Performance Test defects that do not require a code change or Data Migration related new defects as these typically follow a different fix and closure process.

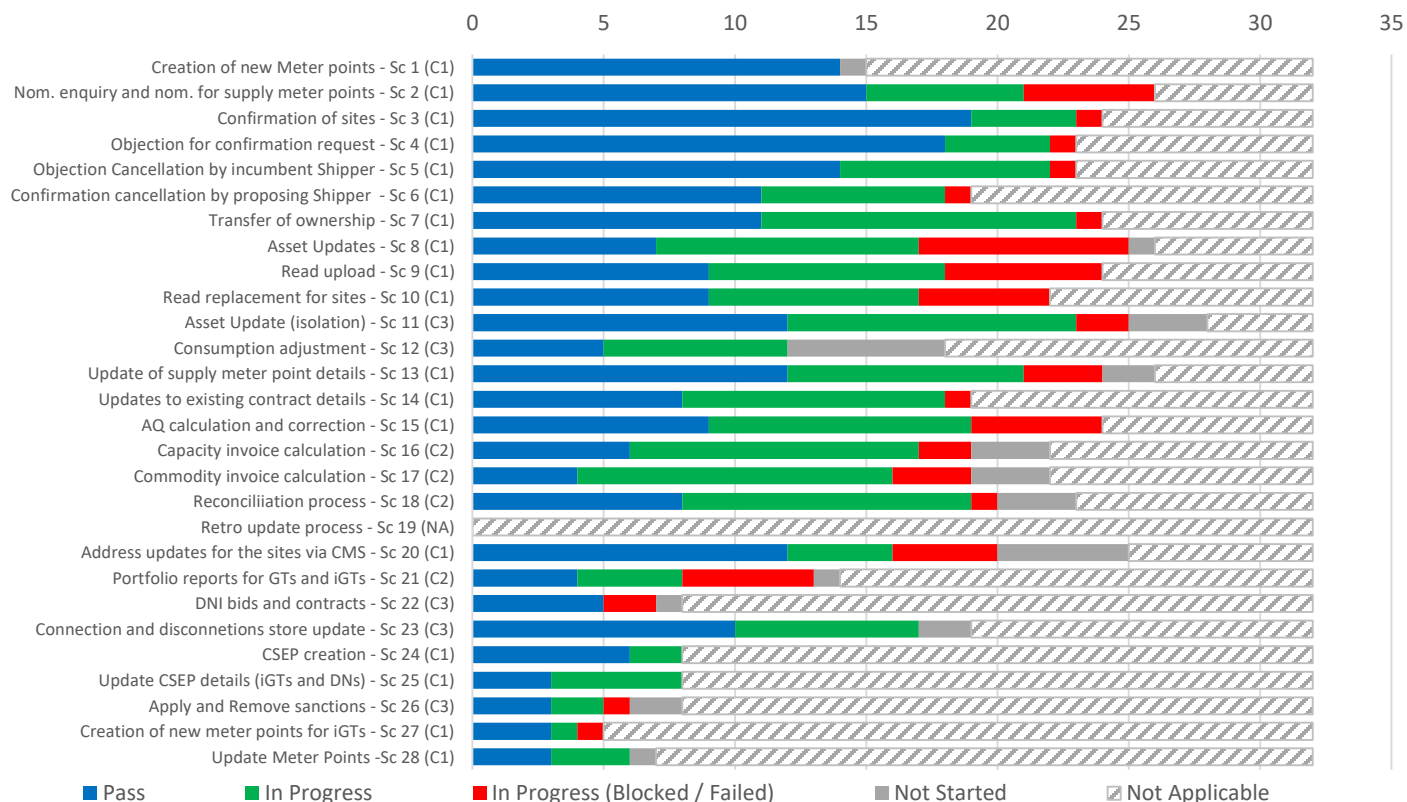
# MT Scenario Dashboard

## Key Messages (updated 09 Sep 16):

- 25 Market Participants provided detailed scenario submissions for this reporting period, compared to 17 last period. In addition, data from 7 other Market Participants previous submissions was incorporated to show scenarios which they had previously reported as 'Passed', 'In Progress', 'Not applicable' or 'Not Started'.
- 6 scenarios are not Blocked or Failed by a single participant (down from 7 at the previous submission).
- 9 scenarios are only Blocked or Failed for one participant (up from 6 in the previous submission).


## Updated 09 Sep 16

- 11 participants have 'Passed' 10 or more scenarios, compared to 9 in previous submissions.
- Scenarios 8 and 9 have the most participants blocked (8 and 6 respectively).
- Scenario 8 was also one of the highest in previous submissions.
- Every scenario has at least 3 participants 'Passed'.
- Scenario 12 continues to have the highest number of Market Participants who have not yet begun testing.






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

# Market Trials Risk & Issues Log


Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p><b>R053:</b> The reporting baseline shows market trials is scheduled to be complete at the end of September. There is a risk that the programme will fail to exit market trials by this time.</p>	<p>Market Trials</p> <p><i>Milestone Affected: MT2.1 MT Execution Complete</i></p>	<p style="text-align: center;"><b>9</b></p> <p><b>Current Rating:</b> <i>Likelihood: (3)</i> <i>Impact: (3)</i></p>	<p>Ongoing through August</p>	<p>1) All participants are to continue to press ahead with market trials.</p> <p>2) <b>A104 to A123:</b> Follow through on the tactical improvement actions agreed at the PNSG.</p> <p>3) Continue to monitor market trials progress from participant portal submissions, defect management calls and bi-lateral discussions with Xoserve and participants.</p> <p> The PMO are exploring whether and how some limited remedial Market Trial activity can be accommodated during Oct as a contingency option to allow for additional testing of C1 and C2 scenarios as necessary.</p>	<p>1) In progress.</p> <p>2) See actions A121 to A123 in the Market Trials Action Log. A104 to A120 have been completed.</p> <p>3) In progress. The last portal submission took place on 9 Sep 16. It contained updates from 30 out of 43 participants and reflected a 6.6% gain in overall completion of MT testing across the market in the 2 week period following the previous submission, taking average total completion to 78%. 5 out of the big 6 are tracking as red.</p>	<p>1) Participants</p> <p>2) Various (see individual actions)</p> <p>3) PMO</p>



# Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<b>R054:</b> There is a risk that iGTs will not be able to complete market trials before the end of September. iGTs have shown slow progress in carrying out tests due to portfolio reports containing both inaccurate data and data gaps. This has a direct impact on both the market being able to fully sign off end-to-end Market Trials Mandatory Scenarios and iGT invoicing. iGTs are unable to exit Market Trials until confidence is provided that these problems have been resolved.	Market Trials	 <b>Current Rating:</b> Likelihood: (5) Impact: (3)	02 Sep 16	 <b>A145:</b> Xoserve are to provide due dates for delivery of IQL files.	1) Complete. DDS reports were issued on 09 Sep 16, EQL & IQL reports were delivered on 12 Sep 16.	1) Xoserve
	Milestone Affected: MT2.1 MT Execution Complete		20 Sep 16	 <b>A146:</b> Xoserve to confirm if they can halt and recommence IDL generation during Market Trials to check if it is able to 'catch up' in a controlled environment. This is to simulate should the schedule fail post-PNID as it has done in Market Trials.	2) The stopping and starting of IDLs will not be tested during the remainder of Market Trials. If not testing this scenario is considered to be a risk, it should be considered by TPG.  Actions A145 and A146 have replaced A133. Please see the related actions in the Market Trials Action Log for more details.	2) Xoserve

# Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<b>R055:</b> Risk that the exit criteria for MT cannot be met because there isn't enough time to fix the defects that are identified as required during the 1 month defect fix period between MT2.1 MT Execution Complete and MT2.0 Market Trials Complete. During this period there is also the need to load additional dummy data for regression testing (MT3.2 Data Append). This activity creates parallelism that could disrupt defect fixing and retesting.	Market Trials  <i>Milestone Affected: MT2.0 Market Trials Complete and MT 2.2 Final Defect Position Agreed</i>	 <b>Current Rating:</b> Likelihood: (3) Priority: (4)	19 Aug 16	<b>1) A107:</b> Market Participants to confirm detailed data requirements for regression via the MTWG representatives.  <b>2) A129:</b> Xoserve to develop a forward projection of the number of defects that will be fixed within the defect fix period.  <b>3) A130:</b> Xoserve to consider (A107) and (A129) and determine whether or not 1 month is likely to be sufficient to fix defects and conduct data append. If it's not sufficient, then Xoserve are to propose further mitigations.	1) Complete.	1) Market Participants
			26 Aug 16		2) Complete.	2) Xoserve
			30 Sep 16		3) It was agreed at MTWG that one month was an adequate period of time, however this can not be fully understood until the list of defects outstanding at 30 Sep 16 is known. This is not driven by volume but by complexity of the fix. As agreed, all defects will be prioritised by the industry to ensure the appropriate focus is given with workarounds agreed where relevant. Due date has been shifted from 08 Sep 16 to 30 Sep 16 in line with completion of market trials.	3) Xoserve


# Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p><b>R056:</b> Risk that it is not possible to compile an agreed position on which defects will and will not be fixed by MT2.2 <i>Final defect position agreed</i> and therefore which defects will be carried forward into regression and go-live. This is because there is currently no categorisation criteria or process defined to do this.</p> <p>The position needs to be agreed by the start of the defect fix period (October).</p>	<p>Market Trials</p> <p><i>Milestone Affected: MT2.0 Market Trials Complete and MT 2.2 Final Defect Position Agreed.</i></p>	<p><b>12</b></p> <p><b>Current Rating:</b> (3) <b>Priority:</b> (4)</p>	<p>23 Sep 16</p> <p>23 Sep 16</p>	<p><b>1) A123:</b> Xoserve are to undertake a review of P3 defects to identify any that do not need to be fixed for go-live. Agree these with the market participants.</p> <p><b>2) A131:</b> Propose criteria and process for determining whether defects should be fixed or not.</p>	<p>1) In progress. This will be completed following the defect prioritisation call on the 23 Sep 16. Update will be discussed at upcoming governance meetings (MTWG, PNSG, PNDG).</p> <p>2) Process has been defined and will be managed via the defect prioritisation process.</p>	<p>1) Xoserve</p> <p>2) Xoserve and PwC</p>

# Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p><b>R057:</b> Risk that there isn't enough time for Xoserve to complete load of additional dummy data for regression testing. Because (a) the volume and nature of the additional data required is not yet defined and (b) there is only 1 month to load the data. During this period there is also the need to fix and re-test defects prior to regression. This activity creates parallelism that could disrupt defect fixing and retesting.</p>	<p>Market Trials</p> <p><i>Milestone Affected: MT3.2 Data Append</i></p>	<p><b>12</b></p> <p><b>Current Rating:</b> <i>Likelihood : (4) Impact: (3)</i></p>	19 Aug 16	1) <b>A107:</b> Participants to provide regression test data requirements.	1) Complete.	1) Market Participant
			26 Aug 16	2) <b>A129:</b> Xoserve to forward project number of defects to be fixed in the defect fix period.	2) Complete.	2) Xoserve
			30 Sep 16	3) <b>A130:</b> Xoserve to consider (A107) and (A129) and determine whether or not 1 month is likely to be sufficient to fix defects and conduct data append. If it's not sufficient, then Xoserve are to propose further mitigations.	3) It was agreed at MTWG that one month was an adequate period of time, however this can not be fully understood until the list of defects outstanding at 30 Sep 16 is known. This is not driven by volume but by complexity of the fix. As agreed, all defects will be prioritised by the industry to ensure the appropriate focus is given with workarounds agreed where relevant. Due date has been shifted to from 08 Sep 16 to 30 Sep 16 in line with completion of market trials.	3) Xoserve

# Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<b>R058:</b> Risk that code stability will not be achieved because a) the definition of code stability is yet defined, b) there may not be sufficient time to meet the definition.	Market Trials	 <b>Current Rating:</b> Likelihood: (4) Impact: (4)	04 Oct 16	<b>1) A132:</b> Xoserve to a) define what is meant by code stability b) Propose a time table for attaining code stability and c) Have these reviewed by PNDG.  <b>2) A134:</b> MTWG to discuss the criteria for code stability, which will be defined by Xoserve, and consider how the code stability definition is applied to Market Participants (relates to A132 and R058).	1) a) Code stability definition is currently under discussion with PWC. b) Timetable defined as commencement of Market Trials regression testing, with CRs being delivered ahead of this. c) An update will be provided to PNDG on 04 Oct 16.  The due date has been moved from 20 Sep 16 to 04 Oct 16 in line with the governance meetings.	1) Xoserve
	Milestone Affected: MT3.3 MT Code Stability		12 Oct 16		2) To be discussed at MTWG on 12 Oct 16. The due date has moved from 14 Sep 16 to 12 Oct 16 to provide Xoserve with sufficient time to define the criteria for code stability and to move in line with the timing for the next MTWG governance meeting.	2) MTWG

# Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p><b>R059:</b> Risk that files and reports that have not undergone functional changes, but are produced by the new Xoserve SAP UK Link system (rather than the legacy link system) will not be tested. An example of this is the CMP file. This is because, currently, only processes and files that will have a functional change due to Nexus requirements are tested in Market Trials. In addition, legacy systems that will remain (e.g. CMS) may have been changed as a result of implementing the new Xoserve UK link system but are not being tested at an industry level (reliant on Xoserve UAT / regression). This could result in processes or files having inaccurate data or not flowing correctly post go live.</p>	<p>Market Trials Milestone Affected: Go Live</p>	<p>9</p> <p><b>Current Rating:</b> Likelihood: (3) Impact: (3)</p>	<p>TBC</p>	<p><b>1) A138:</b>Xoserve to: i) Confirm the final list of files and reports unchanged by Nexus. In addition indicate which are platform independent (CMS) and which are unchanged but now part of the SAP ISU solution. ii) Demonstrate the level of internal testing carried out, or planned to be carried out on these files and reports. iii) Share the above analysis with all participants to review and determine if they need to include in their MT Regression plans. Where participants do want to include files/reports in MT regression plans they need to provide a rationale as part of their entry submission.</p>	<p>1) In progress, Xoserve has provided the list of files and reports unchanged by Nexus and have sent to MTWG.</p> <p>Items (ii) and (iii) will be discussed at PNSG on 26 Sep 16.</p>	<p>1) Xoserve</p>

# Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p><b>New R060:</b> The NRL Notification of new annual EUC's is to be issued on 23 Sept 16. This only allows for 7 days for it to be loaded and validated in Market Trials. Participants have stated that this is sufficient time should there be no defects, however as this will be the first time this file has been produced there is a risk that there will be defects/issues and participants may not be able to complete Market Trials as planned.</p>	<p>Market Trials Milestone Affected: MT2.0 Market Trials complete</p>	<p><b>8</b> <b>Current Rating:</b> Likelihood: (4) Impact: (2)</p>	26 Sep 16	<p><b>New A140:</b>Xoserve to confirm whether the NRL Notification of new annual EUC's can be re-issued in October should there be defects.</p>	<p>1) This action from the MTWG is complete. Xoserve have confirmed that the NRL notification can be rerun in October if agreed by PNSG. This action and the related risk (R060) will remain on the RAID log until it has been discussed by PNSG. The target date has moved to 26 Sep 16 in line with the date of the next PNSG meeting.</p>	<p>1) Xoserve</p>

# Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p><b>New R061:</b> Risk that participants may not be able to sign off mandatory scenarios 9 and 10 in market trials, because CR176 [R11 – 31/08/16 UKLP IADBI176] will not be deployed. If participants are unable to complete these mandatory scenarios then they will not meet the exit criteria for market trials and would have to exit with these not fully being tested.</p>	<p>Market Trials Milestone Affected: MT 2.1 MT Execution Complete and MT2.0 Market Trials Complete</p>	<p><b>9</b>  <b>Current Rating:</b> Likelihood: (3) Impact: (3)</p>	TBC	<p><b>New A147:</b> Xoserve to define the delivery options for CR176 and MTWG will assess the impact of the delivery options against the MT delivery phases in the new industry plan.</p>		1) Xoserve and MTWG



# Market Trials Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p><b>I017:</b> As a result of iGTs implementing RGMA solutions aligned to the industry SPAA RGMA Baseline Document (and not the Nexus baseline file format catalogue), some participants have been unable to complete RGMA testing, because not all the expected mandatory fields are included in the iGT files. In addition, not all participants have been able to use the IX solution because they are unable to distinguish between test files and the live files and are not clear on how the end to end transfer or file naming conventions work. This has led to further delays in the completion of Market Trials, which hinders overall progress in the project. Note: Links to R030 and R051</p>	<p>Market Trials Milestone Affected: MT2.1 MT Execution Complete</p>	<p><b>12</b>  <b>Current Rating:</b> Impact: (3) Priority: (4)</p>	06 Sep 16	<p><b>1) A112:</b> Hold initial RGMA task force to scope the issue, identify causes and develop an action list with due dates and accountabilities (this will include a discussion about iGT RGMA baseline issue).</p>	1) Complete	1) PwC and participants
			11 Aug 16	<p><b>2) A128:</b> Forward link for iGT file formats catalogue to PMO</p>	2) Complete.	2) Brookfield Utilities
			31 Aug 16	<p><b>3) A136:</b> iGTs to make agreed field changes in their systems to enable communication with Shippers.</p> <p><b>Propose to close this issue as all actions are complete.</b></p>	3) Version 1.1 of the iGT RGMA Baseline was circulated on 08 Sep 16. At the iGT RGMA workshops there was a broad consensus that both shippers and iGTs had appetite for this format to be used to complete testing in MT. Next steps will be for parties to test using the revised files during MTs, where possible. This action is now closed.	3) iGTs

# Market Trials - Action Log

Action #	Action	Progress	Owner	Status	Due	Forum
A121	Ensure participants reporting blocked scenarios are making submissions into defect prioritisation process.	In progress. PwC and Ofgem are following up with individual organisations as appropriate.	PwC		End of market trials	Market Trial Problem Solving Session
A122	Identify sample of defects where Market Participants have not received a complete response or outbound file, and do root cause analysis.	Xoserve completed root cause analysis, however they did not identify any common themes amongst this sample. Xoserve have also taken steps to develop their internal reporting processes to be more proactive and continue this analysis on an ongoing basis. This action will be closed.	Xoserve		23 Aug 16 → 06 Sept 16	Market Trial Problem Solving Session
A123	Undertake a review of P3 defects to identify any that do not need to be fixed for go-live. Agree these with Market Participants.	In progress. This will be completed following the defect prioritisation call on the 23 Sep 16. Update will be discussed at upcoming governance meetings (MTWG, PNSG, PNDG).	Xoserve		31 Aug 16 → 23 Sept 16	Market Trial Problem Solving Session
A130	Xoserve to consider (A107) and (A129) and determine whether or not 1 month is likely to be sufficient to fix defects and conduct data append. If it's not sufficient, then Xoserve are to propose further mitigations.	It was agreed at MTWG that one month was an adequate period of time, however this can not be fully understood until the list of defects outstanding at 30 Sep 16 is known. This is not driven by volume but by complexity of the fix. As agreed, all defects will be prioritised by the industry to ensure the appropriate focus is given with workarounds agreed where relevant.  Due date has been shifted to from 08 Sep 16 to 30 Sep 16 in line with completion of market trials.	Xoserve		01 Sep 16 → 08 Sept 16 → 30 Sep 16	PMO
A131	Xoserve to propose criteria for determining whether defects should be fixed or not.	Process has been defined and will be managed via the defect prioritisation process.	Xoserve and PwC		07 Sept 16 → 23 Sep 16	PMO

# Market Trials - Action Log

Action #	Action	Progress	Owner	Status	Due	Forum
<b>A132</b>	Xoserve to a) define what is meant by code stability b) Propose a time table for attaining code stability and c) Have these reviewed by PNDG.	<p>a) Code stability definition is currently under discussion with PWC.</p> <p>b) Timetable defined as commencement of Market Trials regression testing, with CRs being delivered ahead of this.</p> <p>c) An update will be provided to PNDG on 04 Oct 16.</p> <p>The due date has been moved from 20 Sep 16 to 04 Oct 16 in line with the governance meetings.</p>	Xoserve		01 Sept 16 → 20 Sep 16 → 04 Oct 16	PMO
<b>A133</b>	Xoserve have taken iGT portfolio defects off the weekly prioritisation list due to these being looked at by a dedicated task force. Xoserve to confirm if: a) The IDL is able to catch up past the current D-1BD should the generation schedule fail (failed first due to P1 on 23/06, turned off a second time by Xoserve on 24/07 with no prior notification given to iGTs and without the knowledge that it would be able to catch up) b) Current data has been reloaded into the IIL/IQL database and the mechanism to pull and store accurate data from the MT environment has been fixed (defect number 545476).	<p>a) The IDL files are being issued in the week beginning 12 Sep 16; functionality is resolved, caveats may exist on data due to the data loaded into the MT environment not due to functionality. These files are planned to be reissued during Regression testing.</p> <p>b) DDS reports issued 09 Sep 16. EQL and IQL reports issued 12 and 13 Sept.</p> <p>This action will be closed and will be replaced by actions A145 and A146.</p>	Xoserve		31 Aug 16 → 02 Sep 16	PNDG
<b>A134</b>	MTWG to discuss the criteria for code stability, which will be defined by Xoserve, and consider how the code stability definition is applied to Market Participants (relates to A132 and R058).	To be discussed at MTWG on 12 Oct 16. The due date has moved from 14 Sep 16 to 12 Oct 16 to provide Xoserve with sufficient time to define the criteria for code stability and to move in line with the timing for the next MTWG governance meeting.	MTWG		31 Aug 16 → 14 Sep 16 → 12 Oct 16	PNDG
<b>A136</b>	iGTs to make agreed field changes in their systems to enable communication with Shippers.	Version 1.1 of the iGT RGMA Baseline was circulated on 08 Sep 16. At the iGT RGMA workshops there was a broad consensus that both shippers and iGTs had appetite for this format to be used to complete testing in MT. Next steps will be for parties to test using the revised files during MTs, where possible. This action is now closed.	iGTs		31 Aug 16	PNDG

# Market Trials - Action Log

Action #	Action	Progress	Owner	Status	Due	Forum
<b>A138</b>	Xoserve to i) Confirm the final list of files and reports unchanged by Nexus. In addition indicate which are platform independent (CMS) and which are unchanged but now part of the SAP ISU solution. ii) Demonstrate the level of internal testing carried out, or planned to be carried out on these files and reports. iii) Share the above analysis with all participants to review and determine if they need to include in their MT Regression plans. Where participants do want to include files/reports in MT regression plans they need to provide a rationale as part of their entry submission.	i) In progress, Xoserve has provided the list of files and reports unchanged by Nexus and have sent to MTWG.  Items (ii) and (iii) will be discussed at PNSG on 26 Sep 16.	Xoserve		26 Sep 16	MTWG
<b>A139</b>	PMO and participants should ensure that caveats noted in participants' portal submissions are appropriately captured either in risk R053 or as additional risks against completion of MT.	At PNDG on 06 Sep 16, the PMO presented a list of key caveats that should be included in this risk (R053) or as new risks. Participants were asked to respond as appropriate. This action will remain on the action log until the end of Market Trials. The target date has been updated to reflect this.	PMO and Participants		06 Sep 16 → 30 Sep 16	PNSG
<b>A140</b>	Xoserve to confirm whether the NRL Notification of new annual EUC's can be re-issued in October should there be defects.	This action from the MTWG is complete. Xoserve have confirmed that the NRL notification can be rerun in October if agreed by PNSG. This action and the related risk (R060) will remain open on the RAID log until it has been discussed by PNSG. The target date has moved to 26 Sep 16 in line with the date of the next PNSG meeting.	PMO and Participants		06 Sep 16 → 26 Sep 16	MTWG
<b>A141</b>	At the next PNDG a hot topic is to be presented on the Market Trials exit criteria and related processes.	Hot topic will be presented at PNDG on 20 Sep 16.	PMO		20 Sep 16	PNDG

# Market Trials - Action Log

Action #	Action	Progress	Owner	Status	Due	Forum
<b>A142</b>	Identify delivery due dates for June, July and August invoice thick files.	June thick files for Capacity (CZI) were delivered on 10 Sep 16. Commodity files (COI) will be delivered on 17 Sep 16. Other June invoice Rec/Amendment Files (AML) will be delivered between the 26 to 30 Sep 16. Dates for the July invoice files are as follows: CZI files will be delivered on 24 Sep 16, COI files will delivered on 01 Oct 16 and AML files will be delivered between 10 – 14 Oct. Dates for the Aug invoice thick files and subsequent months are still undergoing discussion. This action will remain open until the dates for the Aug thick files are confirmed.	Xoserve		09 Sep 16	PNDG
<b>A143</b>	MTWG to discuss what scenarios are impacted by thick files not being delivered.	The scenarios impacted will be those relating to invoicing. Proposal for how this will be managed after 30 Sept was discuss in MTWG on 14 Sept.	MTWG		23 Sep 16	PNDG
<b>A144</b>	Once Xoserve provide due dates for the delivery of July and August thick files for invoices (A142), MTWG are to analyse this and confirm if the due dates are appropriate.	Proposal for how this will be managed after 30 Sept was discuss in MTWG on 14 Sept.	MTWG		23 Sep 16	PNDG
<b>A145</b>	Xoserve are to provide due dates for delivery of IQL files.	Complete. DDS reports were issued on 09 Sep 16, EQL & IQL reports were delivered on 12 Sep 16.  This action is related to R054 - the risk that iGTs will not be able to complete Market Trials before the end of September. It has replaced actions A133.	Xoserve		09 Sep 16	PNDG
<b>A146</b>	Xoserve to confirm if they can halt and recommence IDL generation during MT to check if it is able to “catch up” in a controlled environment. This is to simulate should the schedule fail post-PNID as it has done in Market Trials.	The stopping and starting of IDLs will not be tested during the remainder of Market Trials. If not testing this scenario is considered to be a risk, it should be considered by TPG.  This action is related to R054 - the risk that iGTs will not be able to complete Market Trials before the end of September. It has replaced actions A133.	Xoserve		20 Sep 16	PNDG

# Market Trials - Action Log

Action #	Action	Progress	Owner	Status	Due	Forum
A147	Xoserve to define the delivery options for CR176 and MTWG will assess the impact of the delivery options against the MT delivery phases in the new industry plan		Xoserve and MTWG		TBC	MTWG

# Data Status Report

**Project Nexus** as @ 30 Aug 16

**Sponsor:** Jon Dixon

**PMO:** Melisa Findlay

**End Date:** 01 Apr 17 (reporting baseline)

## RAG Status

RAG Status	Market Trials
Overall	<span style="color: red;">●</span> ↔
Xoserve	<span style="color: red;">●</span> ↔
Baringa <small>view of Xoserve</small>	Omitted
Participants	<span style="color: green;">●</span> ↔

**Workstream Status:**



**Programme Trend:**



**Since:**

05 Aug 16

**Data Background:** The Data Workstream is focussed on delivering the management and execution of robust data sourcing, mapping, transfer, reconciliation and validation activities required to cleanse and migrate data to the new SAP solution. Rigorous tried and tested processes and methods are required across all areas in order to underpin and deliver a successful migration solution.

**Overall RAG Commentary:** The Data workstream is rated as Red against the April 17 delivery plan due to:

- Data defects remain outstanding which are require in IDR1. This may impact IDR1 by reducing the level of testing that can be done in the cycle if IDR 1 starts ahead of fix completion or by delaying the start of IDR1 which would reduce contingency time rather than impact the live date.
- There is a high degree of parallelism in the April delivery plan with very limited contingency.

## Achievements since last PNDG:

The following activities were completed in line with the April Delivery plan:

- Delta IDR Prep ETL cycle complete (D1.1).
- IGT Test cycle 3 ETL complete (D1.3).
- IDR 1 Data planning is complete and on track to start on 19/09 (T2.2).
- The Transformation Rule reconciliation against the Market Trials data set is complete and no additional data activity is required.
- The iGT Ways of Working document was presented to the DMG.
- Completion of 'root cause analysis' for all open iGT data defects.

**Remediation Action:** V0.4 of the plan provides mitigation by removing some parallelism and embedding contingency against key activities.

- IDR1 focus through Delta and iGT defect prioritisation and resolution.
- Focus on RCA for Delta defects to support rapid and complete resolution.
- Implementation of an automated data validation comparison tool to expand coverage and accelerate speed of data validation.
- Resolution of defects through agreed Ways of Working against the portfolio reconciliation and iGT defects analysis.
- Resource planning once potential scope of any remedial MT testing is known.

## Upcoming activities:

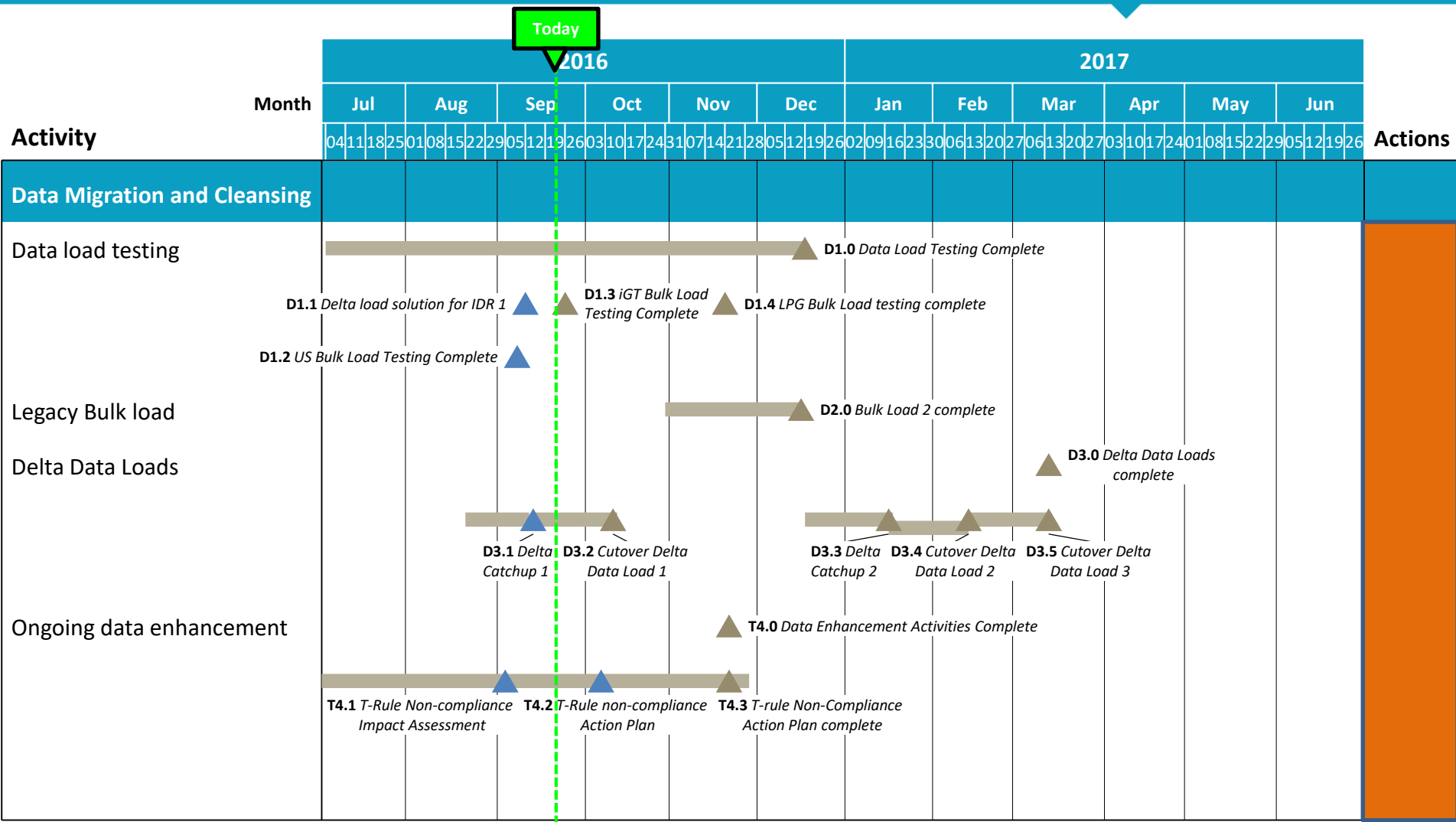
- PMO confirm with iGT's the level of iGT – Shipper – Xoserve data reconciliation which will be applied to all 01 Sep 16 iGT data extracts and submissions.
- Feedback on the iGT Ways of Working document is due, latest, 30<sup>th</sup> September.
- Completion of IDR1 Delta Prep validation activities.
- In-flight transaction variants for IGTs/US (not high volume) to undergo testing.
- Input on US defects received so the contingency cycle to test US Bulk load can be scheduled (D1.2).
- IDR start 16 Sep 16.

## DMG Key Messages:

- Data compliance issues are not seen as a showstopper by participants.
- An early IDR1 is critical to flush out potential risks in delta and iGT data loads and give confidence to the rest of the data activities.
- The main risk to a successful IDR1 is availability of resources, particularly Workstream Lead and Subject Matter Experts to resolve issues; these resources are also required to support Market Trials.
- Concerted effort is required to resolve differences in the iGT portfolio between Xoserve, shippers, and iGTs.



# Data Workstream Plan

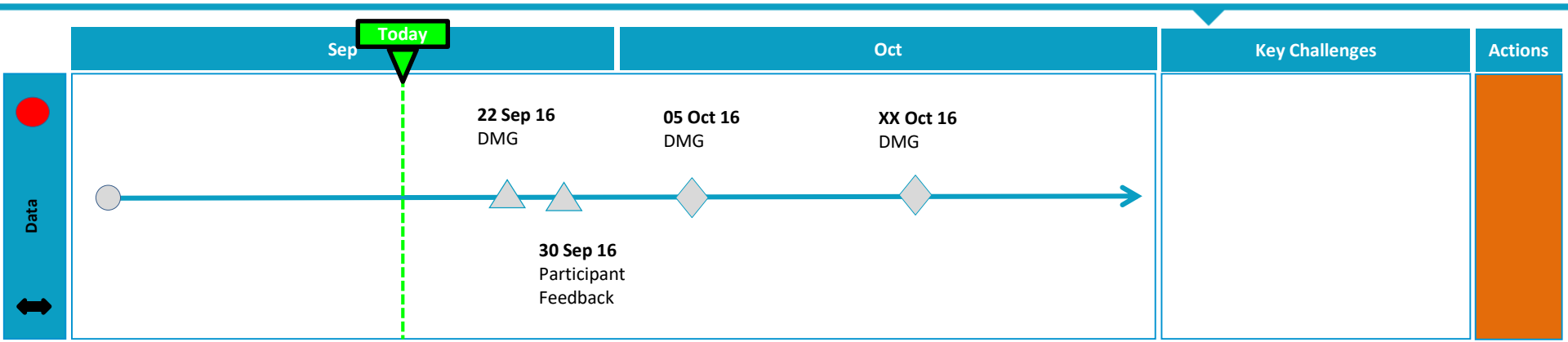


**Milestone RAG Key:**

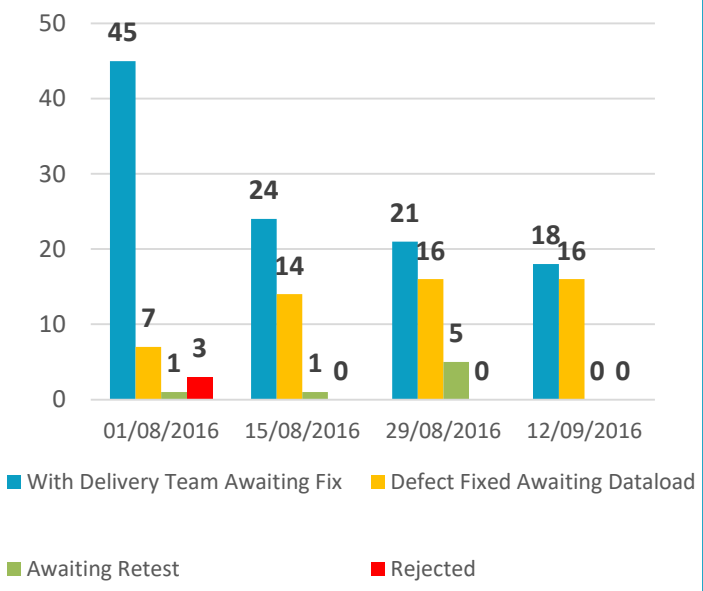
- ▲ Industry Milestone
- ▬ Industry Activity
- ▬ Contingency
- ▲ Complete
- ▲ On Track
- ▲ Risk to individual milestone(s)
- ▲ Risk to go-live
- ▲ On Hold
- ➔ Slip/expected delay of milestone



# Data Dashboard



### Data Bulk Defect Position as of 12 Sept 16



### Graph Commentary

- Bulk defect root cause analysis complete.
- Reduction in defects which reside with the Data Delivery Team pending resolution.
- A separate “Pre Bulk Cycle” being planned in October to undertake robust testing of Bulk Defects.


### Project Delivery Commentary:


- IDR1 preparation activity underway in order to ensure IDR1 entry date of 19 Sep 16.
- Delta IDR Prep Cycle load complete, with validation in-progress and forecast to complete to-plan on Friday 16 Sep 16.
- iGT data has a continued focus on the root cause analysis of all known open iGT defects with further test cycles now complete (validation ongoing) before IDR1.
- The required data for MT regression has been reviewed by the Data team and it was confirmed provision of this data would be performed during the defect resolution period.

# Transition Status Report

**Project Nexus** as @ 30 Aug 16  
**Sponsor:** Jon Dixon  
**PMO:** Melisa Findlay  
**End Date:** 01 Apr 17 (reporting baseline)

RAG Status	Transition
Overall	● ↔
Xoserve	● ↔
Baringa <small>view of Xoserve</small>	Omitted
Participants	● ↔

**Workstream Status:** 

**Programme Trend:** 

**Since:** 05 Aug 16

**Transition Background:** The Transition Workstream covers the activities required to move the new UK Link solution into production environment and business as usual. The workstream covers the Xoserve activities associated with implementation dress rehearsals, cutover planning, execution, and the key activities and deliverables required. This is to allow market participants to plan and execute the cutover and transition of their own systems and be in a position to participate in the market with the new solution.

**Overall RAG Commentary:**  
 This workstream has been rated as AMBER since 05 Aug 16, which is primarily driven by the confidence levels attached to the initiation of iDR1 . This can be attributed to the data defects which are now undergoing remediation but, these may be at risk of not being cleared prior to the delta load being completing.

- Achievements since last PNDG:**
- 09 Sep 16 – Xoserve Post Implementation Support slide deck presented at TPG on 07 Sep 16.
  - 09 Sep 16 – 21 day plan was presented at TPG.
  - 09 Sep 16 – Progress update provided regarding the Contingency Planning document was presented.
  - 09 Sep 16 – iDR 1 readiness in progress. iDR 1 to commence on 19 Sep 16.

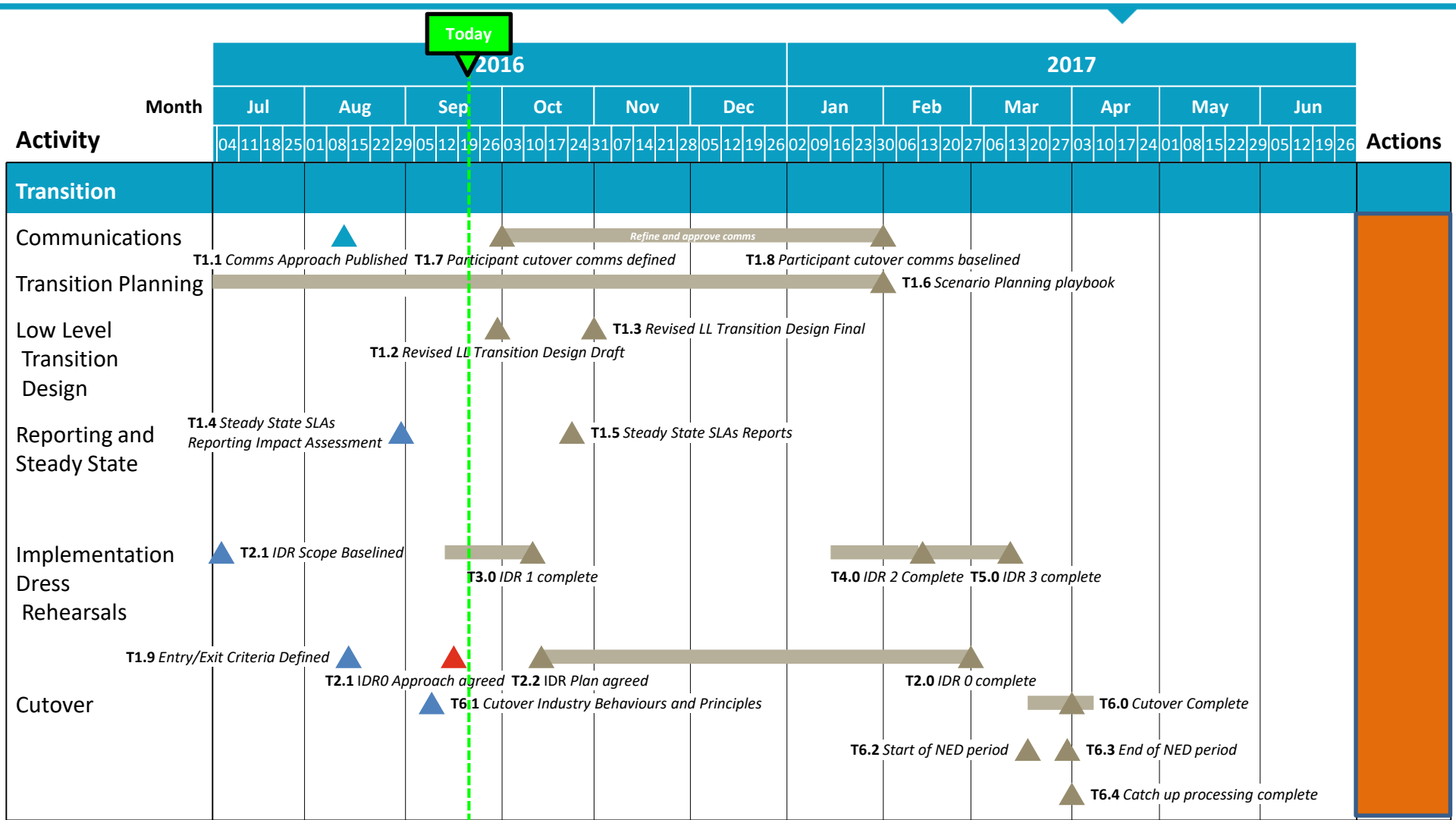
**Remediation Action:**  
 In order to return the RAG status back to Green this workstream needs to be assured of the resolution of the delta data migration defects required for iDR1 prep and iDR1 migration loads.

To further build confidence levels, completion of IDR 1 (due mid Oct) and the associated confidence checkpoints (NED Checkpoint and Delta Checkpoint) are required. This will build confidence in the cutover strategy and plan.

- Upcoming activities:**
- iDR 1 prep on track to complete by 16 Sep 16 to enable iDR1 to commence on 19 Sep 16.
  - Completion of the GONG Governance framework pack for the PNSG.
  - Contingency Planning draft document to be published to industry on 15 Sep 16 for comment and review with a 2 week window for industry to review.
  - Xoserve to consider the feedback provided on the Post Implementation Support approach.
  - Commence work on IDRO approach (T2.1).

- TPG Key Messages:**
- TPG Hypercare subgroup has commenced with Xoserve PIS overview having been provided on 07 Sep 16.

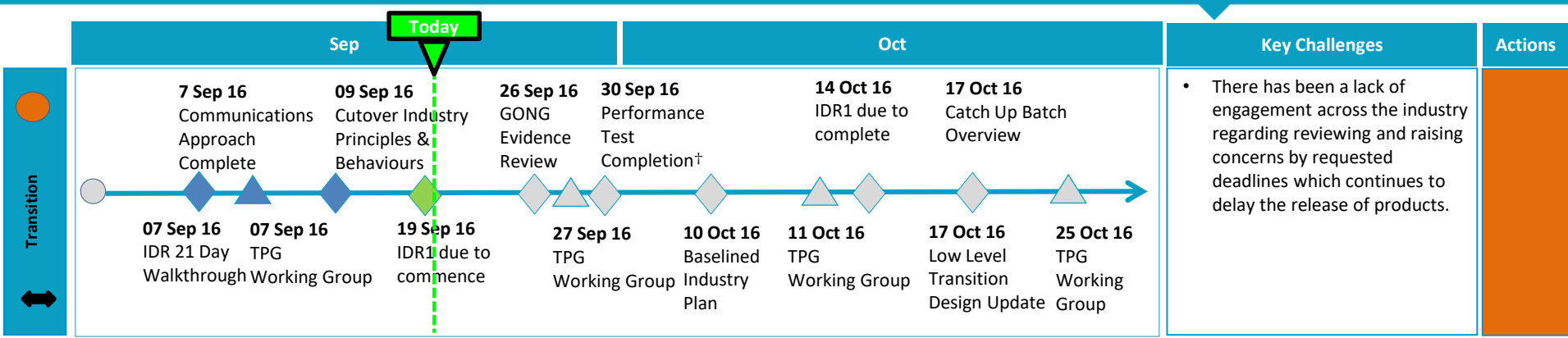
# Transition Workstream Plan



**Milestone RAG Key:**

- ▲ Industry Milestone
- ▬ Industry Activity
- ▬ Contingency
- ▲ Complete
- ▲ On Track
- ▲ Risk to individual milestone(s)
- ▲ Risk to go-live
- ▲ On Hold
- Slip/expected delay of milestone

# Transition Dashboard



Key Challenges	Actions
<ul style="list-style-type: none"> <li>There has been a lack of engagement across the industry regarding reviewing and raising concerns by requested deadlines which continues to delay the release of products.</li> </ul>	

TPG Products	Status	Owner	Completion Date	RAG
Communications Approach	Baselined	EDFE	7 Sep 16	●
PIS Approach	Not Started	E.ON	16 Jan 17	○
Cutover Industry Principles & Behaviours	Complete	PwC	9 Sep 16	●
Contingency Planning	In Progress	Contingency Planning Subgroup	23 Jan 17	●
Defining Steady State post go-live	In Progress	Npower, SSE, Xos	12 Dec 16*	●
Reporting through cutover and go-live	In Progress	Npower, SSE, Xos	12 Dec 16*	●
GONG Evidence Review	In Progress	PwC	26 Sep 16	●
Industry Transition Preparation Document	In Review	PwC	7 Sep 16	●
Industry Transition Plan	In Progress	PwC	10 Oct 16	●
Catch Up Batch Overview	On Hold	Xoserve	17 Oct 16*	○
IDR 21 Day Walkthrough	Complete	Xoserve	7 Sep 16	●
Low Level Transition Design	On Hold	Xoserve	17 Oct 16*	○

**Key Messages:**

- Proposal and approval of Communications approach for baselining and so will move to v1.0.
- Xoserve PIS approach walkthrough held on 07 Sep 16, with the aim of baselining internally by 30 Sep 16.
- The progression by Sub-groups of any additional products is continuing on track.
- Following up with Hypercare PIS approach document lead to start work and arrange the first sub-group meeting.
- Proposed the baselining of the Industry Transition Prep document and the Cutover Industry Principles and Behaviours on the 07 Sep 16 but additional time to comment requested and so this will be taken back to TPG in the future for rebaselining.
- The next TPG is scheduled for 27 Sep 16 via webex to discuss Contingency planning, Hypercare, IDR0 and the Industry plan.

**Legend**

\*Indicates those dates which are awaiting confirmation from Xoserve  
 †Being observed but not owned by transition

# Transition Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p><b>R044:</b> Lack of readiness of individual participants could cause adverse impacts on other participants during programme operations</p>	<p>Transition Milestone Affected: Go Live</p>	<p><b>9</b></p> <p><b>Current Rating:</b> Likelihood: (3) Impact: (3)</p>	<p>16 Sep 16</p>	<p><b>1) A044:</b> TPG are to: i)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. ii)Report the results of the above to PNDG and recommend if any further mitigating actions are required.</p>	<p>1) i) Complete.  (ii) In progress. Draft document was issued to the contingency subgroup on 26 Aug 16. The deadline for feedback was 02 Sep 16. The document was issued for wider circulation to the rest of TPG on 07 Sep 16 and will be presented to PNDG on 20 Sep 16.</p>	<p>1) TPG</p>

# Transition Risk & Issues Log

Risk & Issues	Workstream	Rating	Due Date	Mitigating Actions	Progress	Owner
<p><b>R011:</b> The transition approach may not support a high quality, low risk implementation.</p> <p>As a result of delaying the 'low level' transition design and a concern that the overall transition approach is not sufficiently robust, there is a risk that participant's preparation and readiness for go live may impact the transition.</p>	Transition Milestone Affected: Go Live	<p><b>9</b></p> <p><b>Current Rating:</b> <i>Likelihood:</i> (3) <i>Impact:</i> (3)</p>	01 Jun 16	1) Cross industry transition planning workstream and PNDG to oversee approach and preparation for transition.	1) Complete	1) TPG
			01 Jun 16	2) Finalise the low level transition approach and detailed cutover plan. Ensure the market is fully aware of the agreed approach and plans.	2) Complete	
			01 Jun 16	3) Determine how a low level dress rehearsal can be best achieved to mitigate the risks associated with an early point of no return and the high level of confidence that is required.	3) Complete	
			26 Sep 16	4) <b>A045:</b> Develop an industry wide transition governance framework that incorporates the GONG criteria.	4) The governance framework has been drafted and is in review. The document will be targeted to be presented at the PNSG on 26 Sep 16 (subject to available agenda time).	The due date has been updated to reflect this.


# Transition Action Log


Action #	Action	Progress	Owner	Status	Due	Forum
A044	TPG to i) 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. ii) Report the results to PNDG and recommend if any further mitigating actions are required.	) i) Complete. (ii) In progress. Draft document was issued to the contingency subgroup on 26 Aug 16. The deadline for feedback was 02 Sep 16. The document was issued for wider circulation to the rest of TPG on 07 Sep 16 and will be presented to PNDG on 20 Sep 16.	TPG		16 Sep 16	PNDG
A045	Develop an industry wide transition governance framework that incorporates the GONG criteria.	<p>The governance framework has been drafted and is in review. The document will be targeted to be presented at the PNSG on 26 Sep 16 (subject to available agenda time).</p> <p>The due date has been updated to reflect this.</p>	TPG		30 Aug 16 → 26 Sep 16	PNDG

# GONG Status Report

**Project Nexus:** As @ 14 Sep 16  
**Sponsor:** Jon Dixon  
**PMO:** Melisa Findlay  
**End Date:** 01 Apr 17 (reporting baseline)

RAG Status	GONG
Overall	● ↔
Xoserve	● ↔
Baringa <small>view of Xoserve</small>	● ↔
Participants	● ↔

**Workstream Status:** 

**Programme Trend:** 

**Since:** TBC

**GONG Background:** The GONG workstream will track market participants progress against a set of criteria. In collaboration with the cross programme working groups, it will provide a final recommendation to the PNDG / PNSG on market readiness to go-live and the associated risks should all parties not been able to demonstrate go-live readiness. Through the Nexus Portal, participants will self assess their status fortnightly, the output of which will be reported through the PNDG. Performance will be measured against three 'Gates' where progress against the GONG criteria will be reported, including assurance over participants submission in order to support any recommendation.

**Overall RAG Commentary:**

- To be provided once new industry plan is adopted

**Achievements since last PNDG:**

- To be provided once new industry plan is adopted

**Remediation Action:**

To be provided once new industry plan is adopted

**Upcoming activities:**

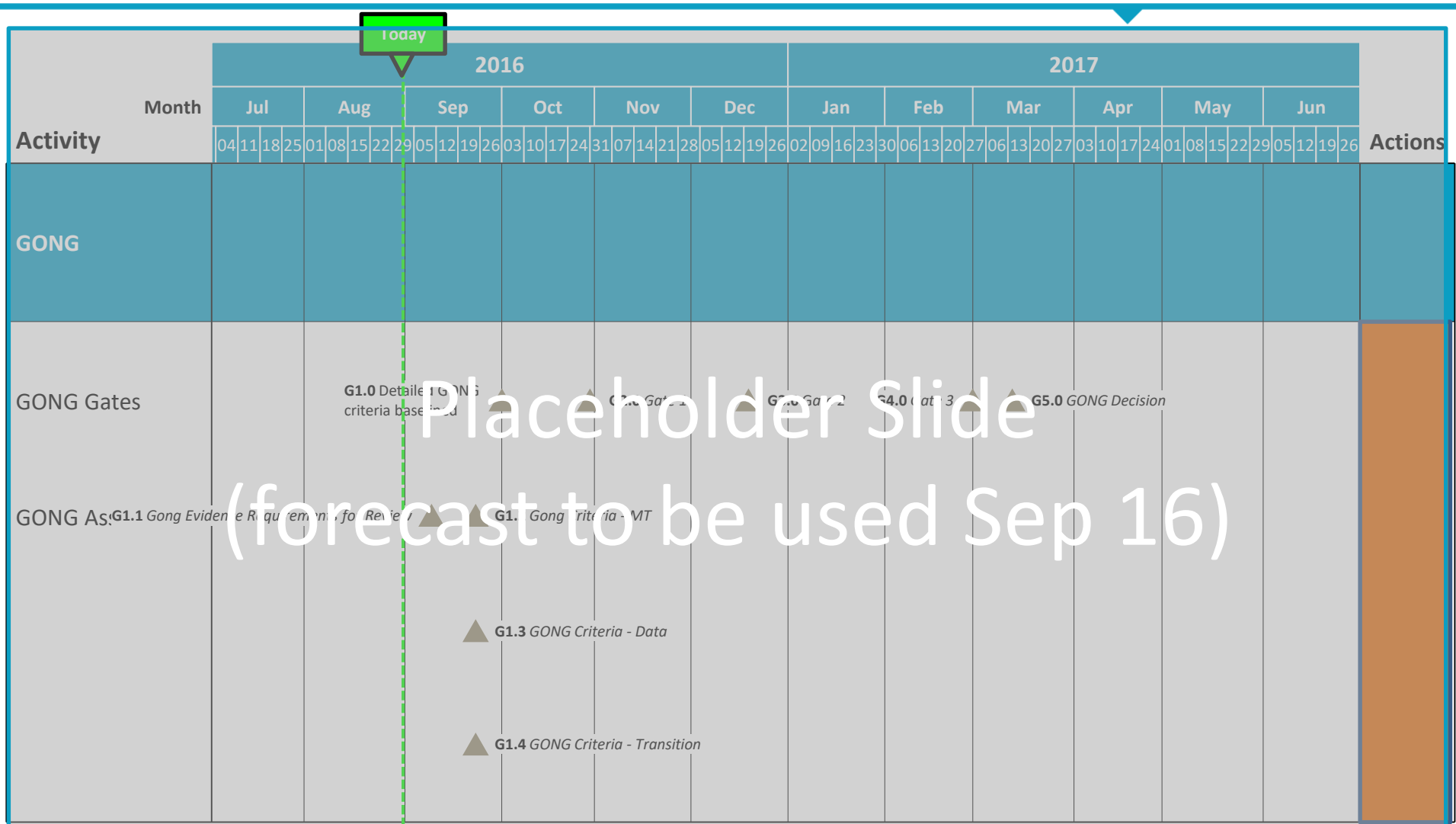
- To be provided once new industry plan is adopted

**Key Messages:**

To be provided once new industry plan is adopted

Placeholder Slide  
 (forecast to be used Sep 16)





Placeholder Slide  
(forecast to be used Sep 16)

**Milestone RAG Key:**  
 ▲ Industry Milestone   ■ Industry Activity   ■ Contingency   ▲ Complete   ▲ On Track   ▲ Risk to individual milestone(s)   ▲ Risk to go-live   ▲ On Hold   → Slip/expected delay of milestone

# Appendices

#	Title	Slide
1	Release Management Plan	43 - 45
2	Baringa CSA Programme Report (Omitted from this report)	46
3	Working Group Meetings	47
4	Hot Topics	48 - 62
5		
6		
7		
8		
9		

# xserve



respect > commitment > teamwork

# Release Management Plan



05-Aug	12- Aug	19- Aug	26- Aug	2- Sep	9- Sep	16- Sep	23- Sep	30- Sep
<b>Market Trials Execution</b>								



Month 1	Month 2	½ Month 3
<b>Regression</b>		

Date Added	Xoserve CR No.	Industry Reference No.	Industry Change Title	Functional description of change	Impacted Stakeholders				Release No.
					Shipper	GT	DMSP	iGT	
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.	X				Deployment options under review
05/07/2016	UKLP IADB182 CP 1578.3	Xos_CR_19	Amendments to Baseline 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.	X				Deployment options under review
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.	X	X		X	R11 – 31/08/16 Deployment complete
26/08/2016	CP TBC -14 <sup>th</sup> Sept UKLP IADB220	Xos_CR_21	File Format Changes – Gas Owner Act - June 2016	May require functional change for Users. Note: PAC and MRI have already been issued to Shipper Users as no functional change was required.	X	X		X	R12 – Pre Regression
26/08/2016	UKLP IADB230	Xos_CR_23	File Format Changes – EWS FILE TO EMWS	National Grid and Xoserve are the only parties affected. Populating mandatory fields in the EWS file exchanged between Xoserve and National Grid. Content of relevant fields has been agreed and temporary fix has been applied to Market Trials.					R12 – Pre Regression
26/08/2016	CP TBC -14 <sup>th</sup> Sept UKLP IADB252	Xos_CR_25	File Format Changes Aug 16 Unique Sites (SOQ/SHQ)	Under analysis, potential to be description changes (admin) but potentially some domain changes (functional) Change pack to confirm	X	X			R12 – Pre Regression

# UKLP Market Trials Queries M.I

Query status by constituent type								
	Shipper	iGT	GT	DMSP	Other	Grand Total as at 12/09/2016	Grand Total as at 30/08/2016	
<b>Closed</b>	1648	152	426	62	43	2331	2189	
<b>Open</b>	36	1	7	0	1	4	24	
<b>Grand Total</b>	1684	153	433	62	44	2376	2214	

## All Open Queries Age Analysis

	Figure as at 12/09/2016		Figure as at 30/08/2016	
0-10 days	44	96%	22	92%
11+ days	2	4%	2	8%
	<b>46</b>	<b>100%</b>	<b>24</b>	<b>100%</b>

## All Closed Queries Age Analysis

	Figure as at 12/09/2016		Figure as at 30/08/2016	
0-2 days	1252	54%	1173	54%
3-5 days	402	17%	370	17%
6-10 days	285	12%	260	12%
11-20 days	190	8%	184	8%
20+ days	204	9%	203	9%
<b>Total</b>	<b>2333</b>	<b>100%</b>	<b>2190</b>	<b>100%</b>

## Key Messages:

- Open queries older than 11 days remain at 2
- 98% of all queries raised are now closed.
- 83% of queries are closed within the 10 day SLA with 70% being closed within 5 days.
- After a quiet few weeks over the August holiday period, queries have increased again this week but are expected to rise further as participants should be driving to close MT testing by end of September

**Xserve**



respect > commitment > teamwork



# Omitted from this report

Pending Replanning

**Client:**

**Date:**

**Version:**

Reputation built on results

# Working Group Meetings

Working Group	Next Meeting	Meeting topics
Market Trials Working Group (MTWG)	21 Sep 16	<ul style="list-style-type: none"> <li>Action Review</li> <li>MT Exit</li> <li>MT Progress</li> <li>Code Stability</li> <li>AOB</li> </ul>
Data Management Group (DMG)	22 Sep 16	<ul style="list-style-type: none"> <li>Xoserve to provide an update on iGT activities setting out the end to end process for submitting, processing and reporting data rejections</li> <li>iGT High level and FI Level reconciliation results including a plan to manage, monitor and address the differences</li> <li>Review September transformation rule compliance report and agree actions to resolve issues</li> <li>Review the t-rule criticality matrix to confirm if any changes in priority</li> <li>Share a first draft of a "dashboard" that demonstrates current position of Data Cleanse, Migration and Acceptance</li> <li>Update from Xoserve on progress of their data migration activities</li> </ul>
iGT Single Service Provision (SSP)	19 Sep 16	<ul style="list-style-type: none"> <li>Review previous meeting summary and actions</li> <li>Data Preparation progress and review of rejections of data submitted to the iGT migration database</li> <li>Data Quality observations and agree actions to resolve issues</li> <li>Discuss and agree any newly required iGT Transformation Rules</li> <li>Propose and agree functional changes identified by either Xoserve or iGT (e.g. File Formats, Rejection Codes)</li> <li>Discuss any requirements for iGT UNC modifications to support UKLP implementation</li> <li>Confirm details of the Xoserve update session of iGT data activities for DMG on 22/9</li> </ul>
Data Management Group – Reporting session	22 Sep 16	<ul style="list-style-type: none"> <li>Group to consider what documentation would help demonstrate the success of the migration activities, areas of risk that need addressing and progress towards a successful go-live</li> <li>Xoserve to detail existing reporting available that can be leveraged to meet the requirements</li> <li>Any new reporting requirements to feed into existing governance processes for discussion and approval as required</li> </ul>

## Note:

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

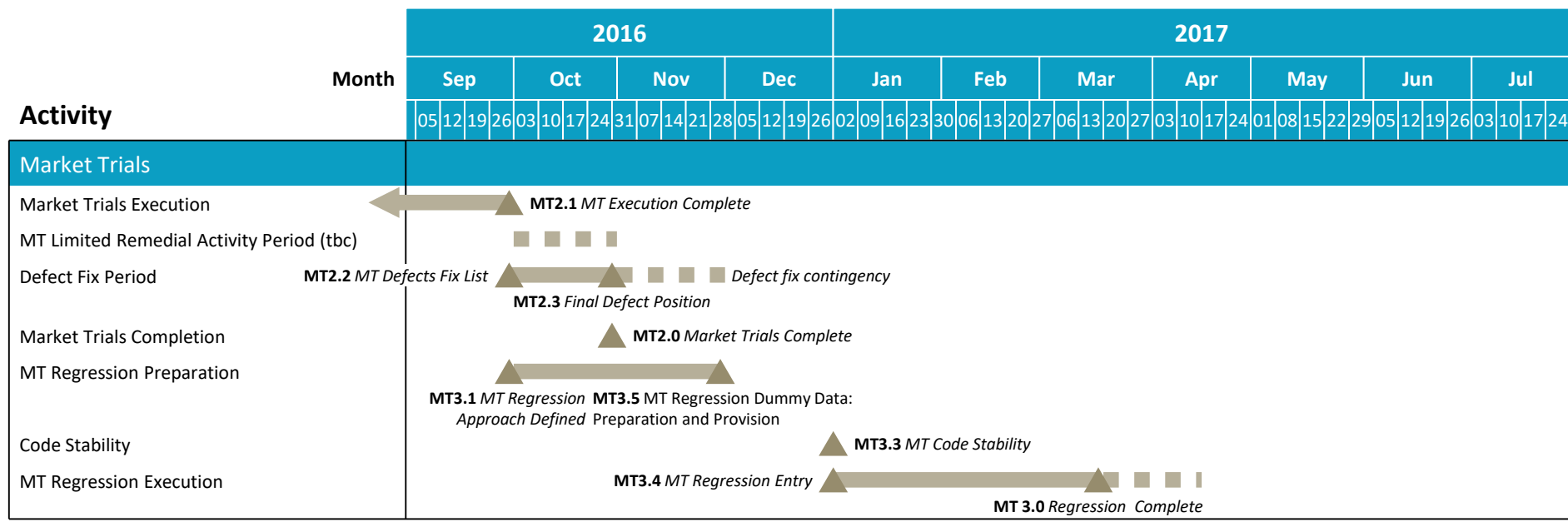
# Plan on a Page (Industry Plan) Hot Topic

ofgem

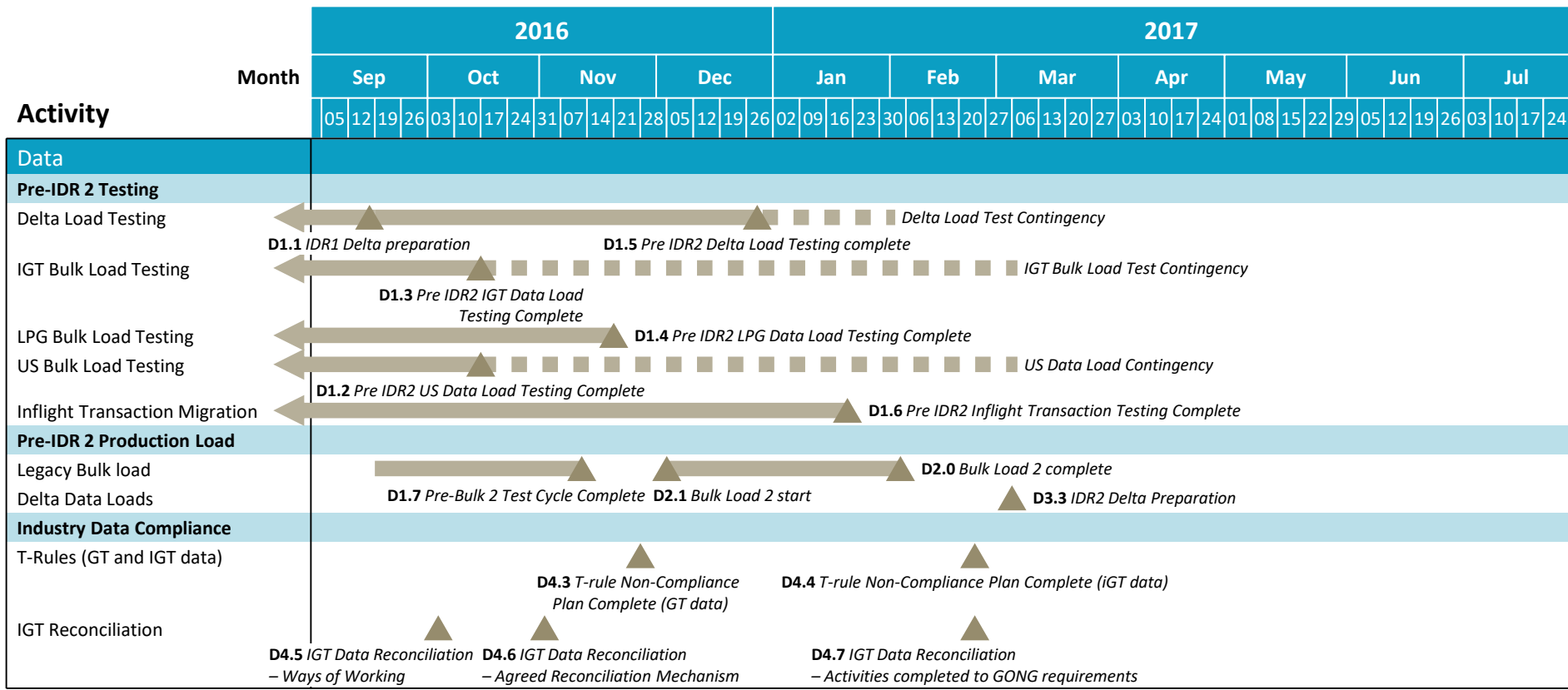




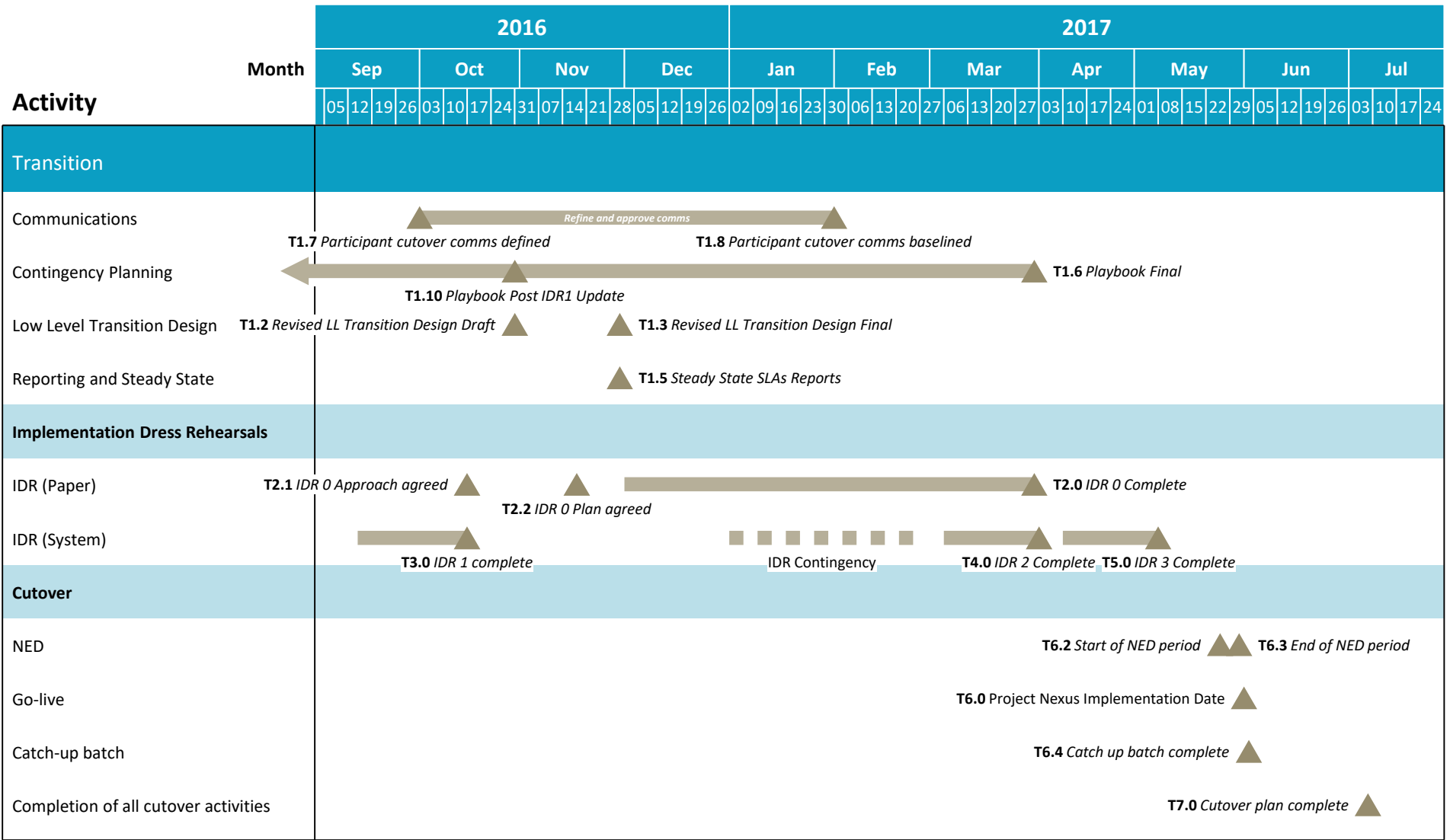
# V0.4 Plan (page 2 of 4)



# V0.4 Plan (page 3 of 4)



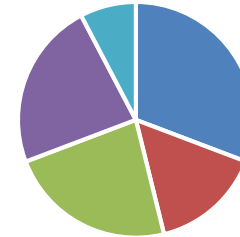
# V0.4 Plan (page 4 of 4)



# Themes

Comments have been received from 13 organisations at the conclusion of the consultation workshops.

These include 4 of the 6 Largest Shippers, 2 Challengers, 3 iGT, 3 GTs and 1 I&C.



■ Six Largest ■ Challengers ■ iGT ■ GT ■ I&C

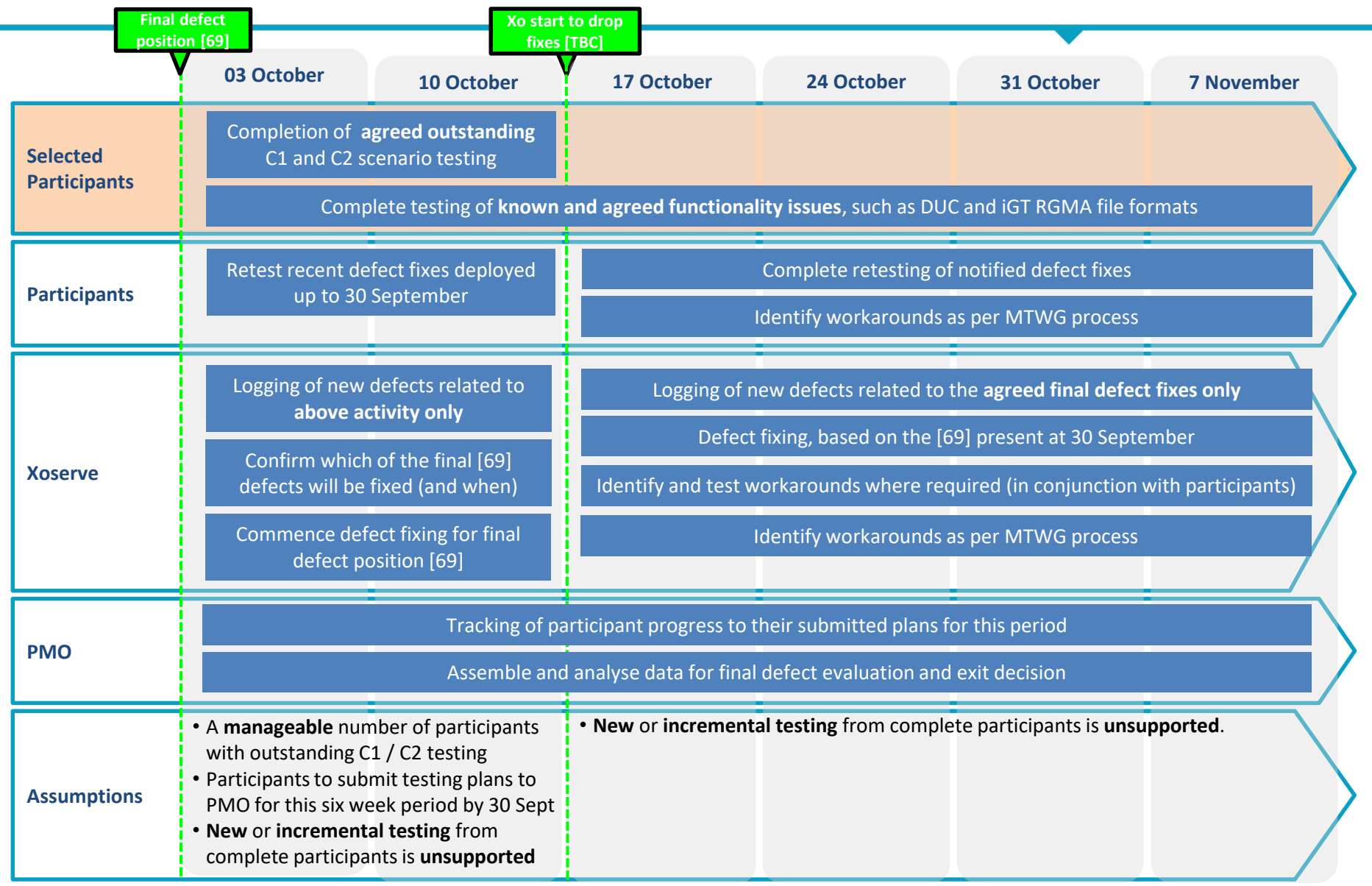
Common themes from these comments and the discussion at the Consultation Workshops include:

- How will Market Trials end and when?
- When will regression testing start and finish?
- When will the code be stable and how is this being defined?
- What is the status of iGT data loads?
- What is the change management process for the use of contingency?
- What impact is there on a weekday or weekend go live date?
- What level of confidence is there in the new plan? And how will this be reflected in the new reporting (e.g. RAG individual milestones, pillars, months)?
- How does this new plan address the risk and constraint areas in the April plan?
- What amount of sensitivity is there in the plan for the use of contingency (e.g. could MT, IDR, Performance testing move?) in the near term? Are there resources available to support all of the activities?
- Could the plan push past 1 July?
- What involvement have PwC and Baringa had in the plan?
- What are the expectations on Market Participants throughout the remainder of the plan? *Note: this is to inform the resource planning.*

# Market Trials Remediation Plan

ofgem

# Remedial Market Trials Approach



# Market Trials Exit Criteria

## Hot Topic

ofgem



# MT Exit Criteria

**MT Exit Criteria** - The next two slides define the criteria each organisation is expected to demonstrate to exit the Market Trials Level 3/4 phase.

Market Trial Exit		Thresholds		
Criteria	Assessment metric	Red (fail)	Amber	Green (pass)
<b>Market critical processes</b> All C1/C2 scenarios applicable to that organisations role in the market (Shipper, GT, iGT) have been executed and passed successfully by the organisations	% completion of market trials test scenarios relating to C1 scenarios – this includes all Change of Supply scenarios.	Less than 100% complete	Less than 100% complete credible mitigation plan	100% complete
	% completion of market trials test scenarios relating to C2 scenarios	Less than 100% complete	Less than 100% complete credible mitigation plan	100% complete
<b>Defects</b> - There are no critical or high impact defects that are open and unresolved and other open defects do not cause a significant risk to go live.	Number of unresolved critical and high impact defects from market trials relating to C1 scenarios.	1 or more critical or high defects	More than 0 critical or high defects with credible mitigation plan	0 critical or high defects
	Number of unresolved critical and high impact defects from market trials relating to C2 scenarios	1 or more critical or high defects	More than 0 critical or high defects with credible mitigation plan	0 critical or high defects
	Number of open medium and below defects relating to Market Trials	Significant number of non-critical or high defects impacting C1/2 processes	Minimal level of non-critical or high defects impacting critical processes which are understood and can be managed.	All open defects are cosmetic and will not affect critical processes.
<b>Workarounds</b> – Any workarounds have been identified, documented and agreed to be sustainable.	Number and extent of workarounds identified during the test phase.	1 or more workarounds any one of which is not sustainable.	1 or more workarounds that are credible and sustainable.	0 workarounds required

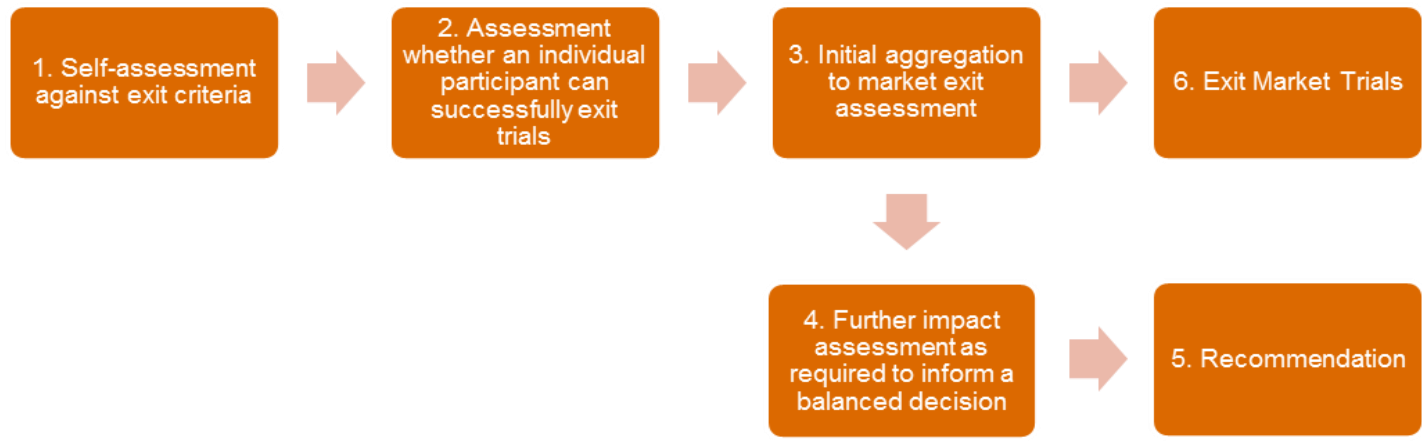
# MT Exit Criteria

The MTWG have proposed that the following would be expected from all organisations relating to C1 and C2 scenarios:

- All C1/C2 scenarios applicable have been executed and passed successfully by the organisations;
- No P1 (critical) or P2 (high priority) defects open on either the Xoserve Hub solution or within an organisation’s own system solutions relating to the C1 or C2 files.
- P3/P4 defects require a workaround to be implemented although they can be accepted if the process still completes as expected. Any workarounds or acceptances need to be documented and approved

The exit decision will be a risk based decision and made on the basis that it will not be necessary for all participants to have completed all their test scenarios: MT can conclude provided good coverage of C1/C2 test scenarios has been accomplished across the various constituencies.

The final process for assessing Market Exit will follow the process below:



# Market Trials Activity

ofgem

# Market Trials Activity

**Request to PNDG:** Allow participants to use the MT Environment from October to December to support any additional testing (outside of the core MT scope) that participants may choose to undertake. For example, Industry end user UAT that may need Xoserve flows to prove end to end internal business processes. This testing would not be an extension to Market Trials but would allow additional confidence to be built across industry. This testing would be undertaken on the basis that no support will be available from Xoserve and that any defects raised would simply be logged and not progressed.

**Rationale:** Allowing this testing would enable market participants to maximise the productivity of their test teams due to the slip in the start of Regression Testing and an opportunity for industry to help de-risk the Regression phase through some early testing.

**Key risk:** Potential for Xoserve to need to provide support (e.g., queries; defects) impacting on delivery of parallel elements of the industry plan.

# Plan on a Page (POAP) Next Steps

ofgem

# POAP Next Steps

Monday	Tuesday	Wednesday	Thursday	Friday
<b>19-Sep</b>	<b>20-Sep</b>	<b>21-Sep</b>	<b>22-Sep</b>	<b>23-Sep</b>
	Today's PNDG			Final MT Portal Submission
<b>26-Sep</b>	<b>27-Sep</b>	<b>28-Sep</b>	<b>29-Sep</b>	<b>30-Sep</b>
MT Portal Submission Analysis  Publish POAP V1.0  Publish PNSG Report				Facilitate PNSG