

Project Nexus Delivery Group [PNDG] Status Report

17 January 2017 [Full Report]

Covering the period: 14 Dec 16 – 12 Jan 17

ofgem

Agenda

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

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

Programme Status Report

Project Nexus: As @ 11 Jan 17

Sponsor: Jon Dixon

PMO: Melisa Findlay

End Date: 01 Jun 17

RAG Status	Solution Delivery	Market Trials	Data	Transition	GONG
Overall					
Xoserve					New
Baringa <small>(view of Xoserve)</small>					New
Participants	N/A				

Programme Status:

Programme Trend:

Since:

10 Nov 16

Significant risk to go-live - Immediate mitigation required
 Increased risk to go-live - Urgent mitigation required
 Go-live at risk – manageable with mitigation
 On Track
 Complete
 N/A or No information
 Deterioration since last report
 No Change Since last report
 Improved since last 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:

- Completion of all Solution Delivery POAP Milestones.
- PNSG ratified Ofgem decision to enter MTR on 09 Jan 17.
- PNSG endorsement not to enact contingency at CP 2.
- Transition Deep-Dive workshop completed.
- Completion of G1 assessment.

Upcoming activities:

- Complete Contingency Checkpoint 3 on 27 Jan 17.
- MTR progress calls commencing from 10 Jan 17.
- Bulk 2 validation is in progress and pending completion.
- IDRO session 1 due to take place on 18 Jan 17.
- Assess participant responses concerning the current Go Live decision date. Deadline for responses is 20 Jan 17.

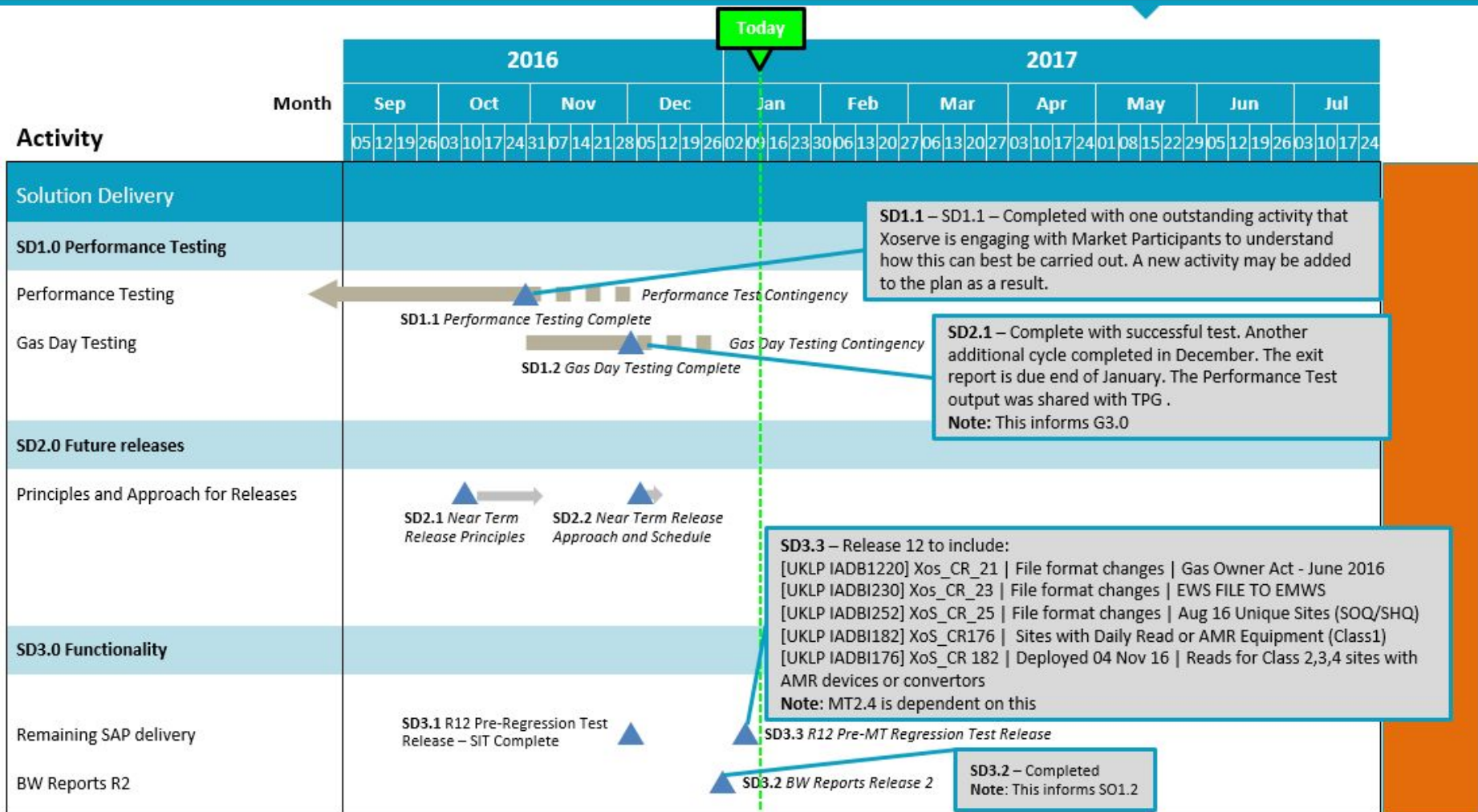
Overall RAG Commentary:

The programme continues to track and this is recognised through the continued Amber / Green RAG status. **Solution Delivery:** Continues to track Amber / Green, attributable to the outstanding 'confirmation of industry volumes' (are 32M daily reads sufficient for Day 1) required to confirm performance test results. **Market Trials:** Following the ratification of Ofgem's decision by the PNSG, MT Regression (MTR) has commenced as scheduled. Entry criteria has mainly been achieved less the provision of full dummy data for 5 of 37 participants. Issues are being worked through with the combined support of Xoserve, Ofgem and PwC. Now that testing has commenced it is essential that appropriate focus is applied to ensure its success. **Data:** Continues to track Amber / Green. The Amber element is driven by the data loads which require fix and prove cycles, in-flight readiness in addition to some concern over the data cleansing and reconciliation actions being undertaken by participants. The Green element reflects the completion of planned milestones. **Transition:** Has further deteriorated to Amber to reflect the continued participant concern over the length of NED (T3.1 and T3.2) and outstanding actions regarding Transition products. **GONG:** Is currently Amber / Green which reflects the PNSG approval of the G1 assessment milestone. However, further evidence and activity is required for the G2 assessment from participants.

Remediation Action:

Solution Delivery: TPG have taken an action to confirm the volumes required for Day 1. **Market Trials:** Ofgem and PwC are working with participants to resolve dummy data issues through progress calls. **Data:** Early completion of the Bulk Data Load will enable resources to focus on fixing Delta and iGT data load defects. Additional test cycles have also been incorporated into planning as well as ongoing actions to address data inconsistency. **Transition:** Confirmation by the UJC for the NED period and MOD approval is required to inform if any further changes to Transition products will be required, expected Feb 17. **GONG:** Targeted follow up sessions to be conducted with Market Participants to understand the impact of G1 actions and prepare for G2. Additionally assess the current Go Live decision date.

Solution Delivery Plan



Milestone RAG Key:

- ▲ Industry Milestone
- Industry Activity
- Contingency
- ▲ Complete
- ▲ On Track
- ▲ On track but being closely monitored
- ▲ Milestone at risk: manageable with mitigation
- ▲ Increased risk to Milestone: Urgent mitigation required
- ▲ Significant risk to Milestone: Immediate mitigation required
- Slip/expected delay of milestone

Solution Delivery Status Report

Project Nexus: As @ 11 Jan 17
Sponsor: Jon Dixon
PMO: Melisa Findlay
End Date: 01 Jun 17

RAG Status	Delivery
Overall	
Xoserve	
Baringa <small>(view of Xoserve)</small>	
Participants	N/A

Workstream Status:

Programme Trend:

Since: 27 Sep 16

Solution Delivery Background: The Solution 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 status of this workstream remains Amber / Green due to an outstanding requirement for industry to confirm Day 1 volumes. Which is required to enable the confirmation of Performance Testing results.

- Achievements since last PNDG:**
- The following activities have completed; Industry CP2; Gas Day testing (execution of change confirmation cycle); SD3.2 BW reports release 2; and SD2.2 Near term release approach issued.
 - SD3.3 All code stability CRs complete and deployed into MT environment.
 - All code stability defects fixed and deployed into MT or agreed as post go-live.
 - Confirmation received from CMA that Smart Meter reads will initially be on a monthly basis rather than daily. This aligns to NFRs tested in New UK Link.

- Remediation Action:**
- Industry confirmation of volumes for day 1 and beyond has been pending since 22 Nov 16 (TPG Action 351). Industry are to be formally reminded of this requirement and to provide this information by 07 Feb 17, verbal update to provided at the PNDG.
 - MT external defect (see table below) which is awaiting fix will be addressed through the defect call on Friday.

- Upcoming activities:**
- TPG are to progress confirmation of industry volumes for Go Live and beyond.
 - Prepare for Contingency Checkpoint 03 on 27 Jan 17 (Criteria 1 - pre IDR2 Delta load complete, Criteria noted in decision D016).
 - Issues with this milestone may lead to use of a February testing period and move of the Go Live date to Jul 17.

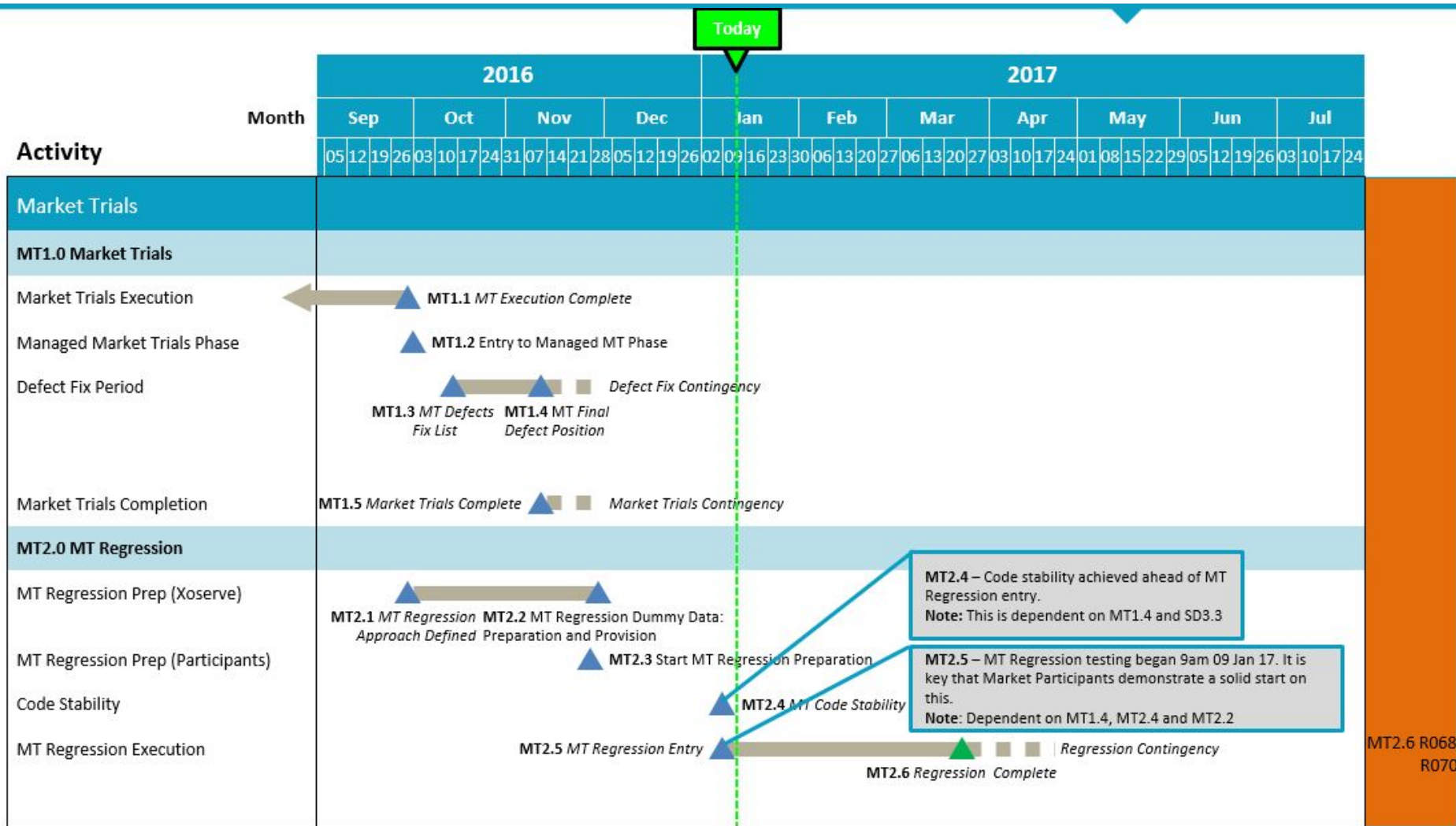
Open Xoserve UAT Defect Status:

All UAT defects now resolved

Phase	Status		Total	Open (Sub Totals)
	Awaiting Fix Plan	Deployed / Closed		
MT Process Impacting	MT (External)	17	17	
	MT (Internal)	1	41	1
	UAT	24	24	
Non MT Process Impacting	Back Billing	45	45	
	BW (Release 2)	15	15	
	Smart DCC Testing	5	5	
	Other (Internal)	8	8	
Total	1	153	154	1

Discuss

Market Trials Plan








MT2.6 R068 R070

Milestone RAG Key:

- ▲ Industry Milestone
- Industry Activity
- Contingency
- ▲ Complete
- ▲ On Track
- ▲ On track but being closely monitored
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- ▲ Increased risk to Milestone: Urgent mitigation required
- ▲ Significant risk to Milestone: Immediate mitigation required
- ← Slip/expected delay of milestone

Market Trials Status Report

<p>Project Nexus: As @ 11 Jan 17</p> <p>Sponsor: Jon Dixon</p> <p>PMO: Melisa Findlay</p> <p>End Date: 01 Jun 17</p>	RAG Status	Market Trials	<p>Workstream Status: </p> <p>Programme Trend:</p> <p>Since: 10 Jan 17</p>
	Overall		
	Xoserve		
	Baringa <small>view of Xoserve</small>		
	Participants		

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:

The Workstream is rated as Amber/Green. Market Trials Regression (MTR) commenced on 09 Jan 17 following ratification of the Ofgem indicative decision by PNSG on 09 Jan 17. Entry criteria were achieved with an exception around the provision of full dummy data for 5 participants. These issues relate to specific data items and are being worked through between the participants, Xoserve and PwC / Ofgem Account Managers. Participants have now commenced testing and a fast start remains essential to complete the phase on time. Any participant blockers / challenges should be communicated to the assigned Account Manager.

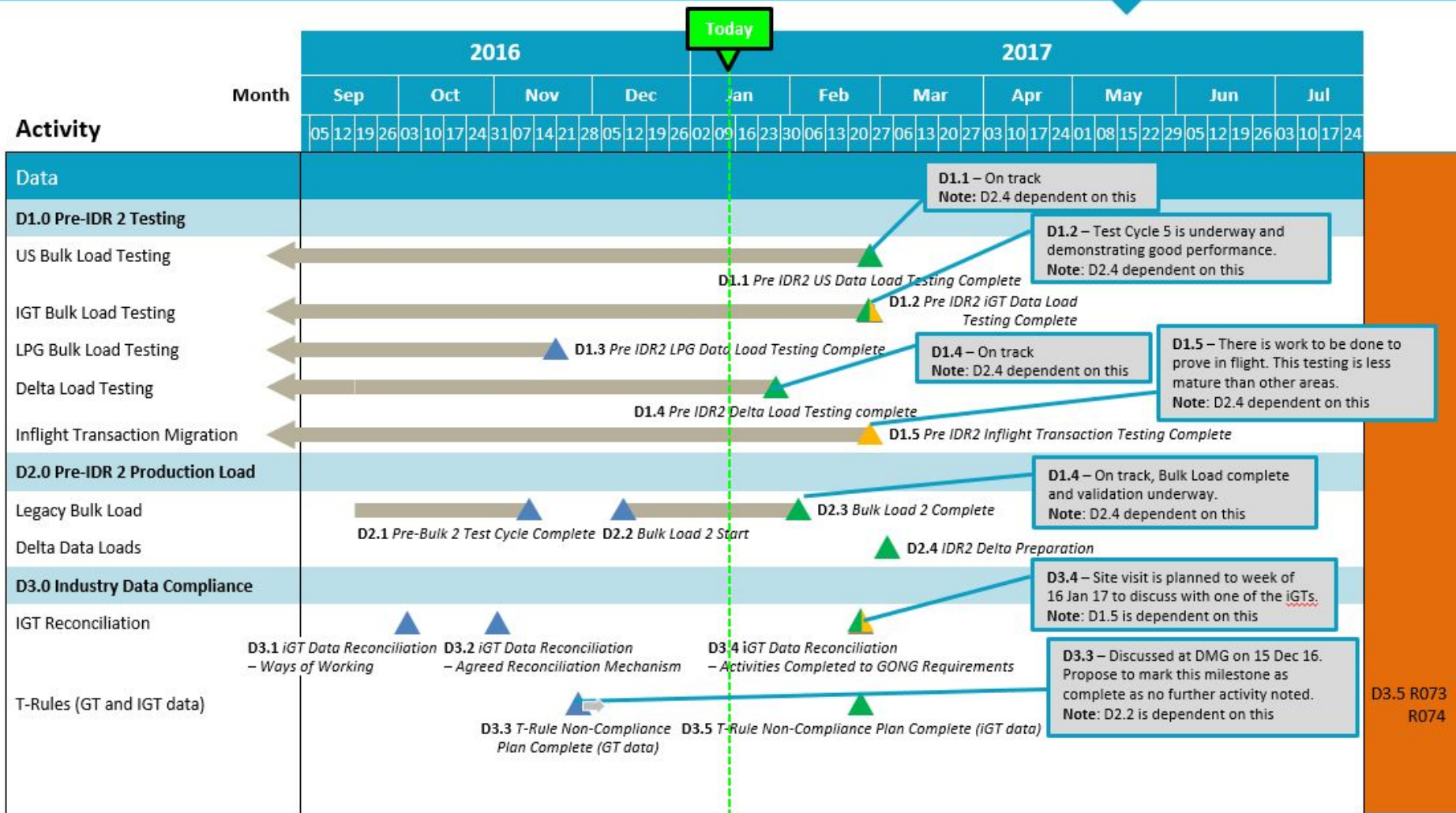
- Achievements since last PNDG:**
- PNSG ratified indicative Ofgem decision to enter MTR on 09 Jan 17 (Decision DO14).
 - MTR entry criteria achieved with one exception around dummy data.
 - MTR test plans baselined with all 37 participants and subject to change control. Total number of test lines equals approximately 1500 with coverage across all C1 and C2 processes.
 - MTWG was conducted on 11 Jan 17, the key messages of this are captured in the section 'MTWG Key Messages'.

- Remediation Action:**
- PwC / Ofgem working with Xoserve and participants to resolve dummy data issues flagged by participants as part of the 04 Jan 17 portal submission.
 - PwC / Ofgem Account Managers participant progress calls to validate commencement of testing in line with baselined test plan.

- Upcoming activities:**
- Managed MTR progress calls between participants and their PwC / Ofgem Account Manager commencing from 10 Jan 17 to track progress of each participant against their baselined test plans.
 - Weekly defect calls to commence 13 Jan 17.
 - MTWG planned for 25 Jan 17.

- MTWG Key Messages:**
- Two workaround processes reviewed by MTWG related to previously raised defects will be published to the Xoserve FAQ library as final. One further workaround process is for review and will be finalised at the next MTWG session.
 - An initial assessment of scenarios previously identified as being tested as part of MT or prior to go-live has been conducted. Further analysis is required to assess the impact on the industry and whether current mitigation is sufficient to allow the risk to be accepted.

Data Workstream Plan



Milestone RAG Key:

- ▲ Industry Milestone
- Industry Activity
- Contingency
- ▲ Complete
- ▲ On Track
- ▲ On track but being closely monitored
- ▲ Milestone at risk: manageable with mitigation
- ▲ Increased risk to Milestone: Urgent mitigation required
- ▲ Significant risk to Milestone: Immediate mitigation required
- Slip/expected delay of milestone

Data Status Report

Project Nexus: As @ 11 Jan 17
Sponsor: Jon Dixon
PMO: Melisa Findlay
End Date: 01 Jun 17

RAG Status	Data
Overall	
Xoserve	
Baringa <small>view of Xoserve</small>	
Participants	

Workstream Status:

Programme Trend:

Since: 27 Sep 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 work stream is rated as Amber / Green. The Green element is driven by successful completion of planned milestones including Bulk 2 Data Load.

The Amber element reflects the criticality of a successful outcome of the remaining Delta and iGT test cycles. There are also concerns over participants data cleanse and reconciliation activities particularly in relation to iGT data.

- Achievements since last PNDG:**
- Bulk 2 data load completed ahead of schedule, with minimal pre-migration fallout (D2.2).
 - Delta TC continuing, with defects trending to the 'likely' scenario (D2.3).
 - iGT TC5 run with one day contingency to 9+3 cutover.
 - Questions raised in PNDG Data Breakout presented back to DMG and no significant issues arising.

- Remediation Action:**
- Use resource freed from early completion of Bulk Data Load to focus on resolution of Delta and iGT data load defects.
 - The Data plan incorporates additional test cycles for iGT and Delta loads.
 - Non-critical path contingency cycles for Delta and iGT invoked.
 - Ongoing actions to address potential inconsistencies in information held between shippers systems and the iGT Migration database presented at DMG.
 - Progress on reconciling and resolving iGT data issues to be reviewed at Single Service Provision (SSP) meeting on 16 Jan 17.

- Upcoming activities:**
- Bulk 2 validation is in progress and pending completion.
 - Focus on Delta TC5a and TC5b and iGT TC6 cycles to resolve remaining defects prior to IDR2 (D2.4) and prove performance of iGT data load.
 - Continued work on portfolio reconciliation of iGT interim data base and elimination of iGT data inconsistencies (D3.4 and D3.5).

- DMG Key Messages:**
- iGT ways of working for full reconciliation of iGT Data yielding results with increased visibility of exceptions and improvements in number of sites affected (down to 27k from 91k at start of exercise).
 - Specific actions identified to tackle root cause of remaining IGT data issues.

Current Data Plan Activities

Summary of Current Workstream Plan Activities @ 10 Jan 17:

Data Source	Current Cycle	Plan Perf.	Quality RAG	Progress		Response to RAID
Unique Sites	IDR1 (complete)	G	G	Unique Sites open defects to be addressed before next IDR2 cycle <ul style="list-style-type: none"> Performance : Achieved plan timings in IDR1 Issues : None Quality : A number of open data defects to be addressed via a cycle run before start of IDR2 		<ol style="list-style-type: none"> Further US cycle planned to sweep up X31 "Open" Migration and Quality defects and practice US migration before IDR2.
				Data Defects Landscape	Fallout from cycle	
				<i>X31 "Open" defects being addressed</i>	N/A before IDR2	
In Flights (Data)	IDR1 (complete) Further InFlights testing (TBC)	A	R	Integrated Inflight testing being planned with Transition teams <ul style="list-style-type: none"> Performance: Performance timings for 4 out of 6 data scenarios attempted in IDR1 were proven. Further testing of full scope planned (GT in January, iGTs/Unique Sites) Issues : A number of open Data defects exist along with previously untested IF scenarios Quality: In Flights Defect resolution is underway and will be tested in an integrated test cycle with transition 		<ol style="list-style-type: none"> Focussed "Root Cause Analysis" and lessons learnt on In flights are underway. An end-to-end strategy for iGT and US InFlights is being formalised with Transition Dedicated Test cycle for InFlights to be discussed at TPG.
				Data Defects Landscape	Fallout from cycle	
				<i>Amber for Cycle –x29 Open Data defects</i>	N/A before next cycle	
LPG	LPG TC1 (complete)	G	G	Further LPG Testing underway <ul style="list-style-type: none"> Performance: Proven through prev. cycles Issues :N/A Quality: X8 "Open" Data defects exist across data migration and Data quality – these are being addressed by migration teams. 		<ol style="list-style-type: none"> LPG data previously tested and performing to planned timescales.
				Data Defects Landscape	Fallout from cycle	
				<i>8 Open defects in scope for "Fix & Prove"</i>	N/A	

Data Plan Activities

Summary of Current Workstream Plan Activities @ 10 Jan 17:

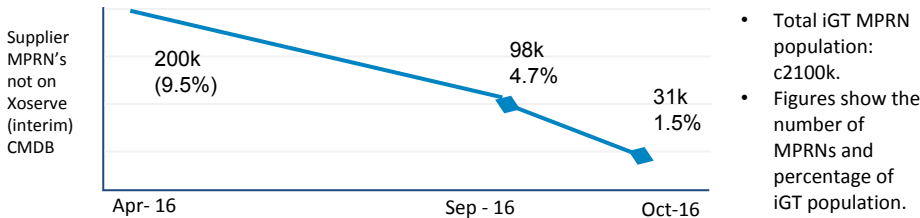
Data Source	Current Cycle	Plan Perf.	Quality RAG	Progress	Response to RAID	
Delta	TC5a (underway)	G	G/A	<p>Delta TC4 delivered to plan and was inline with quality expectations (target defects fixed, fix success rate and newly identified defects)</p> <p>Delta Contingency TC1 cycle split into two distinct Delta runs (TC5a and TC5b)</p> <ul style="list-style-type: none"> Plan: Plan performance for Delta remains in line with expected performance Issues: No issues; there remains a risk of newly discovered delta defects late in the day following TC5a/TC5b, but other than TC3, defect identification has been on a continual reducing trend Quality: Following Delta TC4, the delta defect forecast trend (actual vrs forecast) has returned to a moderate/average profile, supporting the forecast that a further contingency cycle in February is not required. 	<ol style="list-style-type: none"> Active forecasting through Delta Model for determining target fix success rates required for cycle Data Delta Plan is expected to continue the burn down to manage 'known' defects through successful 'Fix & Prove' cycles. Contingency Delta Cycle 1 in January '17 expected to be utilised for this effort with no impact on Go Live Date. 	
				Data Defects Landscape		Fallout from cycle
				27 Open defects within Delta with 18 of these targeted and fixed in TC5a		All objects achieved 100% ETL success rates in TC4
iGT	iGT TC5 (underway)	A	A	<p>iGT test cycles continue to deliver to plan. iGT TC5 activities have performed to the required plan within the 9(+3) NED window</p> <ul style="list-style-type: none"> Plan: DM improvements from TC4 to TC5 were effective. TC5 had ~1 day contingency remaining with 9+3 plan. Contingency is required to manage non-data issues (e.g. DB performance). Full validation is now in progress Issues: No issues; there remains a risk of quality and driving defects down. Quality: The iGT defect trend is currently tracking within the pessimistic forecast; a strong downturn in overall iGT defect volumes needed in iGT TC5 and TC6 in order to satisfy IDR2 entry, although IDR2 and IDR3 are iGT test cycles in themselves if required to prove quality. 		
				Data Defects Landscape		Fallout from cycle
				35 Open defects (non-Industry Cleanse DQ issues) of which 25 to be targeted for fix resolution in iGT TC5		All objects achieved 100% ETL success rates in iGT TC5
Pre- Bulk	Bulk 2 (underway)	G	G	<p>Bulk Load 2 completed Load on Friday 6th Jan, 10+ days ahead of schedule.</p> <ul style="list-style-type: none"> Plan: Bulk 2 has exceeded its plan forecasts for ETL. Validation commenced 1 week early. Issues: At the time of publication, no open Bulk defects exist in Bulk 2 without a fix. Quality: At the time of publication, no open Bulk defects exist in Bulk 2 without a fix. A governance process has been agreed should any new Bulk defects be identified during Bulk 2 validation, with any fixes applied to Production prior to 6th February 2017 (IDR2 Delta Prep start). 	<ol style="list-style-type: none"> There is a risk that Auto validation runs may uncover some more defects that need to be resolved in Bulk 2 – Agile fix cycles being planned for any residual risk. 	
				Data Defects Landscape		Fallout from cycle
				None		510x PODSERVICE records were identified as fallout, which have since been corrected and reprocessed successfully.

iGT Data - monthly progress

Industry wide iGT data objectives are: Next Data update (December figures), 31 Jan 17 PNDG

- Objective 1:** Ensure data is **complete** - by reconciling the monthly extract of MPRNs per shipper held on Xoserve's interim database to those held by the shipper and investigating differences - especially between iGT and Xoserve. Goal is zero differences. (progress on this objective is shown in figure 1).
- Objective 2:** Ensure data is **compatible** - Xoserve ensure that data is compatible with SAP using Transformation rules (T-rules) to correct values that would cause SAP to reject the data. For some rules (rated by the DMG as high (red) or medium (amber) risk, it is important for participants to ensure their data is cleansed in parallel to avoid possible issues after go-live (progress on this objective is shown in figures 2 and 3).
- Objective 3:** Ensuring data is **consistent** - all parties to ensure that data values within each MPRN are consistently held across Xoserve, Shippers, and iGTs. This is done by participants communicating issues to Xoserve who then investigate, identify root cause and establish responsibility between Xoserve and iGTs to resolve.

Figure 1 - Completeness - net exceptions on iGT portfolio reconciliation



Highlights

- To achieve completeness iGTs and Xoserve are working together on the portfolio reconciliation to reach zero differences by end Dec 2016 (Figure 1).
- Progress on the portfolio reconciliation has added c170k MPRNs to the interim database, which is likely to have been the cause of the increase in MPRNs corrected by amber and red T-rules (Figure 2).
- Concerted action is now required by participants, who are receiving reports from Xoserve for the MPRNs which are impacted by red and amber T-rules.
- Transformation rule T-16 defaults the last inspection date to the last meter read date, which could cause a safety risk if the customer switched supplier. This has been added to the high risk rules and participants were informed of the need to take action at the last DMG (see Figure 3).
- Only 7 of 44 participants have provided details of consistency issues to Xoserve, but there is a risk that this is not a complete set. It is essential for participants to provide details to Xoserve by the end of the month to ensure that these issues can be resolved.

Figure 2 - Compatibility - high and medium risk T-rules

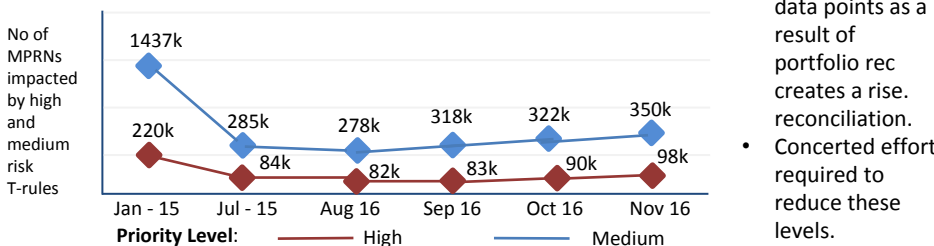
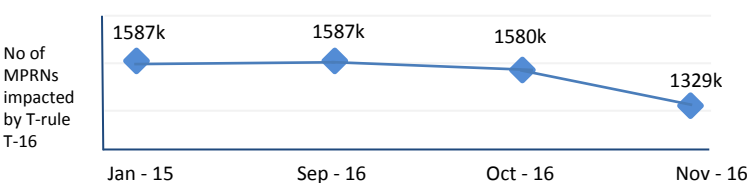


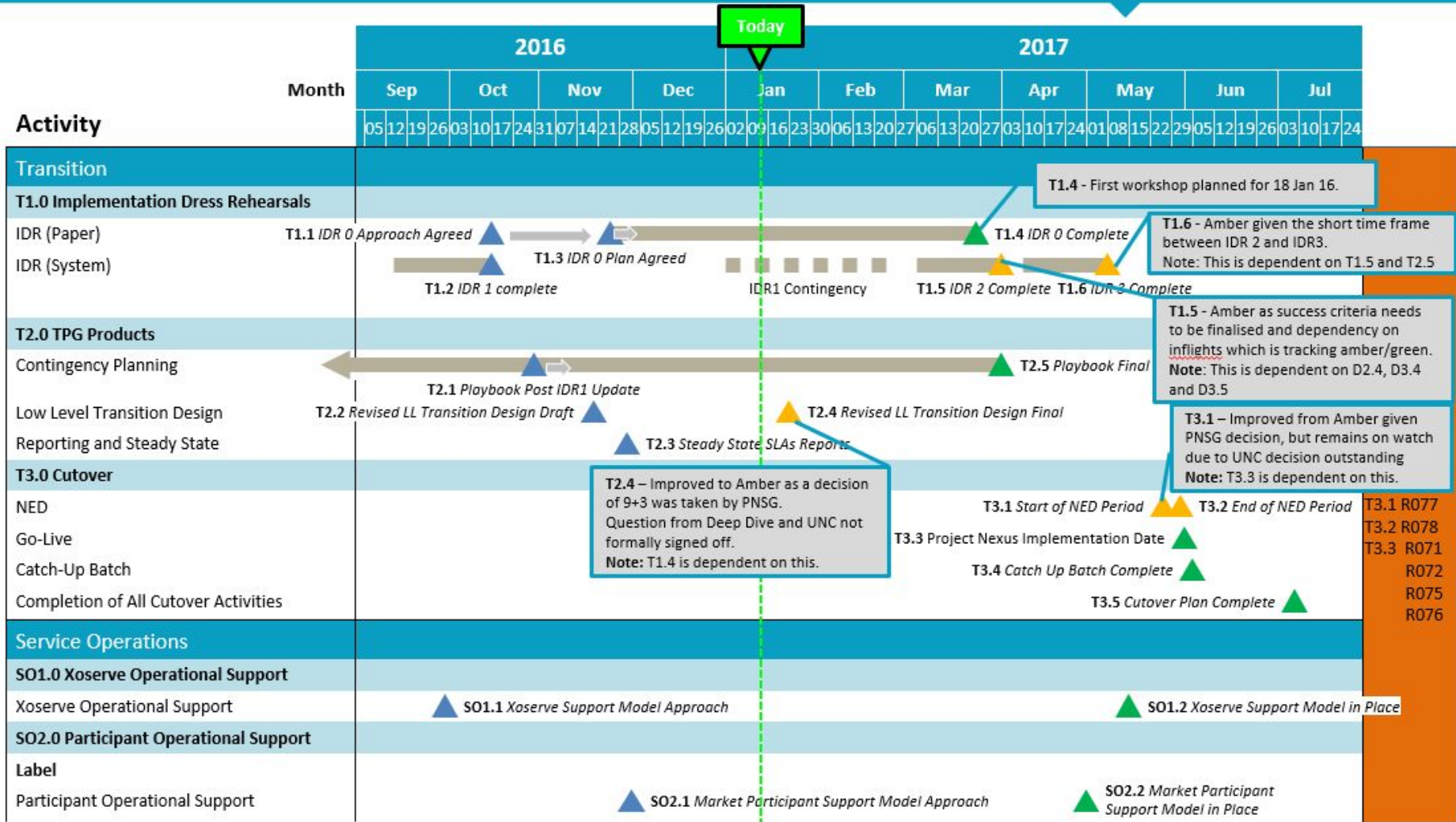
Figure 3 - Compatibility - last inspection date T-rule T-16



Actions for participants

- Take prompt action to cleanse data for amber and red T-rules on receipt of Xoserve reports.
- Continue to notify Xoserve (Emma.lyndon@xoserve.com) of any data consistency issues.
- Identify and highlight where T-rule compatibility issues are due to data inconsistencies.
- Ensure appropriate attendance from your Participants at the December 15th DMG to discuss feedback on questions raised at the PNDG breakout session..

Transition Workstream Plan



T3.1 R077
 T3.2 R078
 T3.3 R071
 R072
 R075
 R076

T2.4 – Improved to Amber as a decision of 9+3 was taken by PNSG. Question from Deep Dive and UNC not formally signed off.
 Note: T1.4 is dependent on this.

T1.5 - Amber as success criteria needs to be finalised and dependency on inflights which is tracking amber/green.
 Note: This is dependent on D2.4, D3.4 and D3.5

T3.1 – Improved from Amber given PNSG decision, but remains on watch due to UNC decision outstanding
 Note: T3.3 is dependent on this.


T1.6 - Amber given the short time frame between IDR 2 and IDR3.
 Note: This is dependent on T1.5 and T2.5

T1.4 - First workshop planned for 18 Jan 16.

Transition Status Report

Project Nexus: As @ 11 Jan 17
Sponsor: Jon Dixon
PMO: Melisa Findlay
End Date: 01 Jun 17

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

Workstream Status: 

Programme Trend:

Since: 17 Jan 17

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:
 The Amber rating reflects the fact that there are still concerns raised regarding Transition. Although the length of the NED period has been approved at PNSG (21 Dec 16), the UNC are still required to approve the MOD. Therefore there is a risk that the MOD may result in further changes to the MOD. In addition, following the Transition deep dive (10 Jan 17) there are outstanding questions and actions regarding Transition products such as the Low Level Transition Design and Catch Up Batch.


- Achievements since last PNDG:**
- Transition Deep Dive Session took place on 10 Jan 17. The session focused on identifying areas within the Low Level Transition Design, 23 day plan, catch up batch and IDR2 where Market Participants think information can be added that will support their transition and/or instil greater confidence.
 - Transition Single Source document has been created and will be issued to Market Participants week commencing 16 Jan 17. The single source document provides the market participants with a reference document incorporating all of the work that has completed within the TPG.

Remediation Action:
 To return to a Green RAG status, the length of the NED period needs to be confirmed at UNC (scheduled for end of Feb) to remove the risk that the Transition documentation may need further updating. In addition, the prioritised actions identified from the Transition deep dive session need to be issued with clear target dates to ensure that the key concerns from the Market Participants can be addressed as quickly as possible.

- Upcoming activities:**
- IDRO session 1 due to take place on 18 Jan 17. This session will focus on providing a view of the Business Scenarios and processes used within the dress rehearsals.
 - Third Party Communications due to be issued week commencing 16 Jan 17. Provides a singular message to all parties indirectly impact by Project Nexus.
 - Actions from Deep Dive session (10 Jan 17) to be developed and target dates identified.

- TPG Key Messages:**
- The Catch Up Batch breakout session presented two options, bulk release of files or release of files one NED at a time. The overwhelming participant view was for a bulk release of files.
 - An additional contingency checkpoint 3 criteria was proposed at TPG on 10 Jan 17 to ensure Xoserve can demonstrate they can complete the iGT data migration in the 9 NEDs. See decision slides for approval.

Issue

#	ID	Milestone Date	Description	Mitigation Action	Mkt Part.	Xoserve	PwC	Other	Rating
1	 I022	MT3.4 04 Jun 17	<p>Xoserve have reported that they may not be able to support the Bulk Release method for Catch Up Batch following the NEDs (milestone T3.4).</p> <p>Xoserve have concerns that they will not be able to support a bulk release of files from the market participants due to the following areas:</p> <ul style="list-style-type: none"> Processes within the AMT will need to be changed to accommodate the multiple days of files Concerns with the storage capacity to accept all files This process has not been tested before and so an environment will have to be created to allow testing of these processes 	<p>Xoserve are to develop mitigating actions to resolve the issue and provide a definitive date when they can be ready for to use the bulk release option i.e. build and testing completed</p> <p>Due: Wednesday - 17 Jan 17.</p>		☒		Transition	12

RAG Rating Legend:



Significant risk / issue that requires urgent attention. Immediate escalation to governance group with recommended action plan. Control at source



Risk / Issue that requires swift resolution. Programme/project milestones, budget or quality are impacted but at edges of tolerance.



Medium risk / issue where we are comfortable that the concern is manageable and that the mitigations options being reviewed will address the problem



Decision to be made



Risk / Issue that has a low impact on programme/project tolerances. These risks will be tracked




The # indicates the assessed impact added to the assessed likelihood to provide an overall category of risk from Insignificant / Sever through to Rare / Almost Certain. Further detail can be found within the RIAG governance.

Decisions

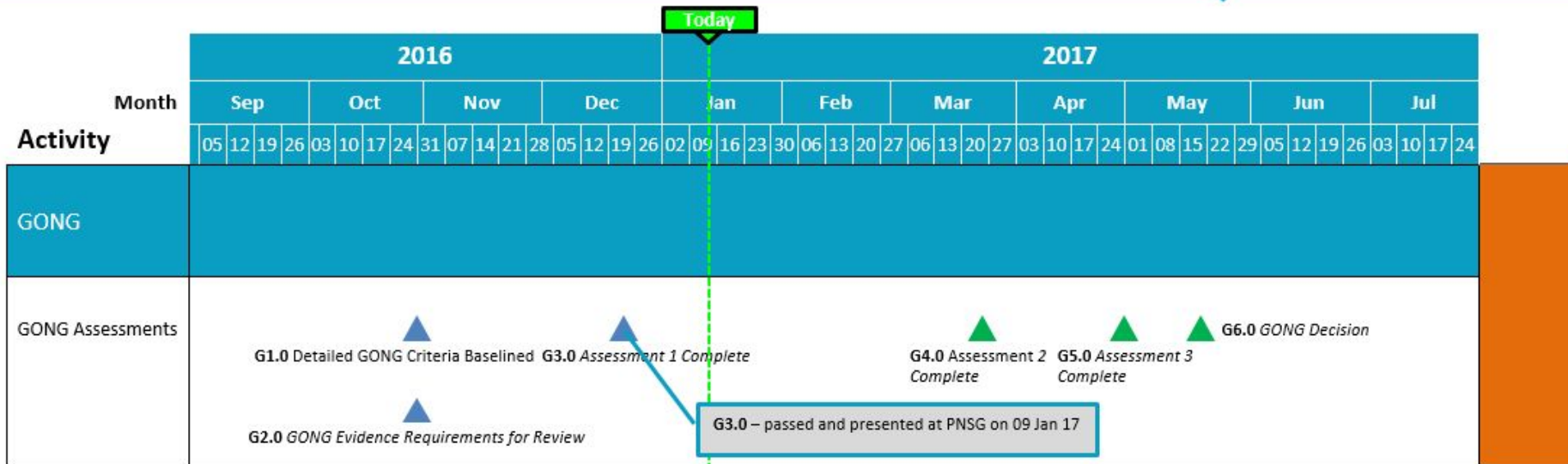
#	Decision	Status	Due Date	Areas of Programme Affected	Comments	Outcome
D17	<p>PNDG are to recommend to PNSG the following amendment be made to the Contingency Checkpoint 3 criteria:</p> <p>“Successful completion of Data Test Cycle 5 (TC5) demonstrating that Xoserve can complete an accurate data migration within the timescales for a 9 NED period. Evidence should be provided showing how TC5 was able to meet the migration timescales”.</p>	●	17/01/2017	Transition	At the TPG on the 16 Dec 16, an action was identified to add a checkpoint criteria to Contingency Checkpoint 3 so that Xoserve can demonstrate that they will be able to support a 9 NED and 3 VNBD proposal.	Open

Decisions

#	Decision	Status	Due Date	Areas of Programme Affected	Comments	Outcome
D18	<p>PNDG recommend to PNSG that the IDR2, IDR3 milestones and Catch up batch complete (T1.5, T1.6 and T3.4 respectively) are updated to reflect the requirement to increase the NED period from 7 to 9 days.</p> <p>The changes in the milestone dates are;</p> <p>T1.5 IDR 2 Complete</p> <ul style="list-style-type: none"> From: 02 Apr 17 To: 05 Apr 17 <p>T1.6 IDR 3 Complete</p> <ul style="list-style-type: none"> From: 07 May 17 To: 10 May 17 <p>T3.4 Catch up batch complete</p> <ul style="list-style-type: none"> From: 04 Jun 17 To: 05 Jun 17 		17/01/2017	Transition	With the decision to increase the NED period from 7 to 9 days, the cutover period will increase from 21 to 23 days. This will result in a shift in the completion dates for IDR2 and IDR3. The result will be T1.5 and T1.6 requiring to be updated.	Open

Discuss

GONG Workstream Plan



Milestone RAG Key:

- ▲ Industry Milestone
- Industry Activity
- ■ ■ ■ Contingency
- ▲ Complete
- ▲ On Track
- ▲ On track but being closely monitored
- ▲ Milestone at risk: manageable with mitigation
- ▲ Increased risk to Milestone: Urgent mitigation required
- ▲ Significant risk to Milestone: Immediate mitigation required
- Slip/expected delay of milestone

GONG Status Report

Project Nexus: As @ 11 Jan 17
Sponsor: Jon Dixon
PMO: Melisa Findlay
End Date: 01 Jun 17

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

Workstream Status:

Programme Trend:

Since: 29 Nov 16

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, 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:
 RAG status is rated as Amber / Green. The PNSG noted the G1 assessment milestone on 09 Jan 17 as complete however, action is required prior to G2, primarily in the transition and data workstreams. In addition, the level of evidence provided across the Market at G1 did not fully meet the requirements outlined in the GONG evidence questionnaire. Further guidance and support will be provided prior to G2/G3. In order to monitor the impact of the actions and a targeted follow up will be conducted in January 2017.

- Achievements since last PNDG:**
- 37 of 43 Market Participants and Xoserve made a Nexus Assurance Portal Submission for GONG assessment G1.
 - G1 milestone approved at PNSG with noted actions which included the Transition deep dive held on 10 Jan 17.

- Remediation Action:**
- Targeted follow up with Market Participants to understand the impact of the actions taken following G1 and preparation for G2. This includes the outcome of Transition Deep Dive held on 10 Jan 17.
 - Develop a more detailed plan for go-live decision making and governance and present to next PNSG. Develop plans to trial this process during IDR2.
 - Develop data questionnaire to establish detailed market status on data readiness.

- Upcoming activities:**
- Conduct targeted follow up in January 2017 and report to the PNSG / PNDG.
 - Assess participant responses concerning the suitability of the current Go Live decision date (email sent on 10 Jan 17). Deadline for responses is 20 Jan 17.

Key Messages:
 The PwC GONG team will establish a single point of contact with each participant and conduct a targeted follow up in January 2017.

The level of evidence provided across the Market at G1 did not fully meet the requirements outlined in the GONG evidence questionnaire (4 Nov 16). Further guidance will be provided to MPs prior to the G2/G3 submissions.

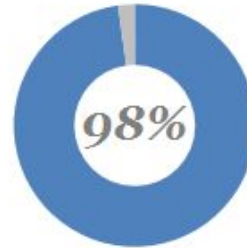
G1 Dashboard – Participants

Information is based on GONG self assessment provided in the Nexus Assurance Portal at G1 and 98% coverage provides a representative market wide position. This position will remain static until G2 however targeted follow ups will be conducted throughout Jan and Feb 17.

37	Market Participants provided a portal submission on 16 Dec 16.
06	Market Participants did not make any G1 portal submission (25 Nov 16 or 16 Dec 16).
07	Market Participants did not provide a projected overall RAG status for G2 and G3.
02	Market Participants made incomplete submissions at G1 and 24 made incomplete projections for G2 and G3.
21	Market Participants (of the 37 submissions) provided evidence to support some of the G1 criteria.

Market Coverage:

- The 37 of 43 Market Participants that provided a portal submission equates to 98% Annual Quantity ('AQ') and 98% of supply points coverage.

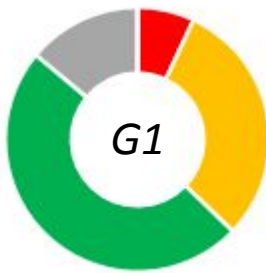


Market AQ %

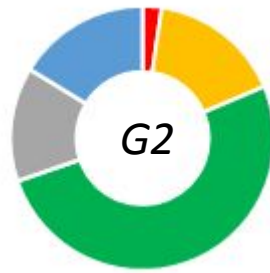


Market Supply Point %

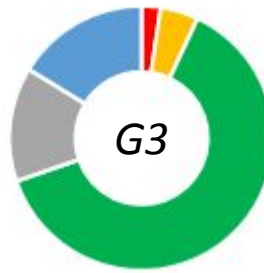
Market Participant self-assessed overall RAG status projections @19 Dec 16



G1 RAG status



G2 RAG status



G3 RAG status

- Attained or on track to attain
- Mitigating actions to bring back on track by next assessment
- Will not be attained and no mitigation plan to bring back on track
- Data missing – partial submission made
- No Submission

GONG criteria G1 self-assessment commentary:

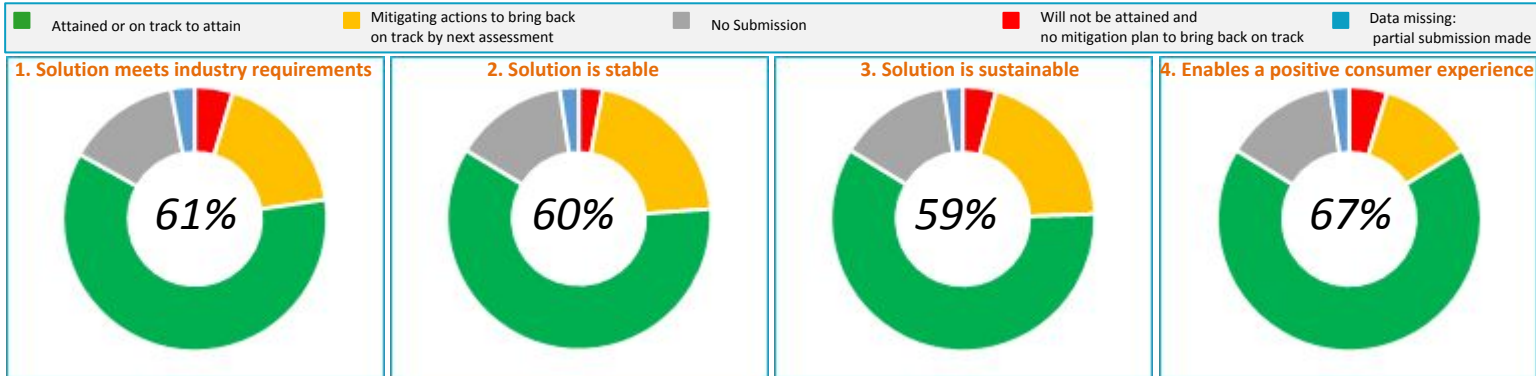
- 6 Market Participants (MPs) who failed to make a submission have been escalated to Ofgem to make formal contact.
- 21 (35% AQ) MPs self assessed overall RAG status 'Green' at G1 and 27 (83% AQ) projected 'Green' by G3. This indicates mitigating actions can be completed prior to go-live.
- 13 MPs self assessed overall RAG status Amber at G1. This was driven by criteria relating to Transition readiness.
- Data was also consistently raised as a concern and a proposal for closer monitoring of MP data readiness is being defined.
- The level of evidence provided across the Market at G1 did not fully meet the requirements outlined in the GONG evidence questionnaire (4 Nov 16). Further guidance will be provided to MPs prior to the G2/G3 submissions.

GONG G1 Dashboard – Market Participants

Based on self assessment for G1: As @ 19 Dec 16

Participant Overall RAG

- 10** All criteria reported as being attained or on track to be attained for current assessment*
- 20** One or more criteria not attained however, mitigation plan to bring back on track by next assessment
- 07** One or more criteria not attained without a mitigation plan to bring back on track by next assessment
- 06** No submission



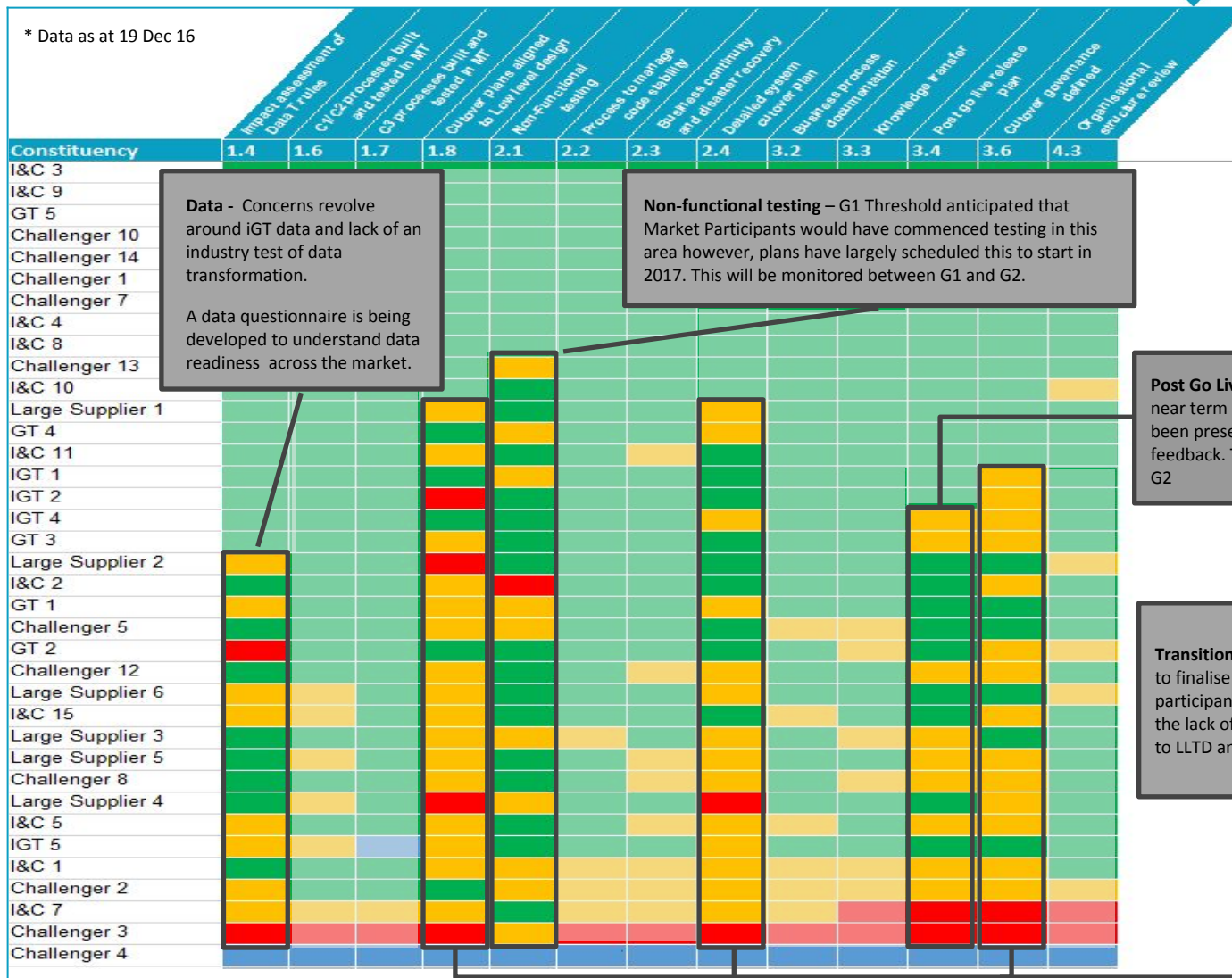
Success Factor	Desired outcome	02 Dec	19 Dec	Key Exceptions	Actions (Owner)
Solution meets industry requirements	<ul style="list-style-type: none"> Market Participant/Xoserve confidence high High Quality data migration processes Critical processes have proven through MT Integrated market-wide system cutover plan Clear requirement traceability 	↔	↑	<ul style="list-style-type: none"> Finalisation of key transition deliverables is at risk due to outstanding decisions and information There is insufficient visibility of Market wide data readiness specifically relating to iGT data 	<ul style="list-style-type: none"> Transition deep dive session held 10 Jan 17 (TPG) Targeted follow up Jan 17 (PwC) Develop data questionnaire to establish market status on data readiness (PwC)
Solution is stable	<ul style="list-style-type: none"> System performance can support industry Disaster recovery/business continuity Dress rehearsals provide confidence 	↔	↑	<ul style="list-style-type: none"> Low level transition design (LLTD) documents need to be finalised to enable participants' to develop transition plans and test/rehearse them 	<ul style="list-style-type: none"> Transition deep dive session held 10 Jan 17 (TPG) Targeted follow up Jan 17 (PwC)
Solution is sustainable	<ul style="list-style-type: none"> Documentation in place and knowledge transfer activity is complete Industry change management/release plans Contingency options/cutover governance established and hypercare processes agreed 	↔	↑	<ul style="list-style-type: none"> Cutover governance, hypercare and post go-live release/change management processes need to be finalised to support participant transition planning. 	<ul style="list-style-type: none"> Finalise transition single source document to align transition artefacts and support participant transition planning (PwC/TPG)
Enables positive consumer experience	<ul style="list-style-type: none"> No impacts on energy industry reputation Market SLA's defined and measured Participants readiness is established 	↔	↑	<ul style="list-style-type: none"> Degree of organisational change required varies and analysis is ongoing across the market 	<ul style="list-style-type: none"> Continue to monitor GONG criteria at subsequent submissions.(PwC)

*Note: 10 includes 1 organisation which has completed only criteria 1.1

Legend: ↑ Improving Confidence ↓ Deteriorating Confidence ↔ No change

GONG G1 – Market Participants

* Data as at 19 Dec 16



Data - Concerns revolve around iGT data and lack of an industry test of data transformation. A data questionnaire is being developed to understand data readiness across the market.

Non-functional testing – G1 Threshold anticipated that Market Participants would have commenced testing in this area however, plans have largely scheduled this to start in 2017. This will be monitored between G1 and G2.

Post Go Live release plan - The principles and near term release approach and schedule have been presented to the TPG for review and feedback. This will be monitored at TPG prior to G2

Transition – Key issues include; activity required to finalise LLTD before 20 Jan 17 to enable participants to commence their cutover planning; the lack of assumptions linking to the 23 day plan to LLTD and missing files (IIL) from the plan.

■ Attained or on track to attain
 ■ Mitigating actions to bring back on track by next assessment
 ■ Will not be attained and no mitigation plan to bring back on track
 ■ Data missing – partial submission made
 ■ No Submission
 *Note numbers are not sequential as not all criteria are applicable

GONG G1 Dashboard – Xoserve

Based on Xoserve self assessment for G1: As @ 19 Dec 16

↑ Improving Confidence
↓ Deteriorating Confidence
↔ No change

Overall RAG

● One or more criteria not attained however, mitigation plan to bring back on track by next assessment

- Attained or on track to attain
- Mitigating actions to bring back on track by next assessment
- Will not be attained and no mitigation plan to bring back on track

RAG by Criteria

	1.2	1.3	1.5	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.6	3.1	3.2	3.3	3.4	3.5	3.6	3.7	4.2	4.3	
Xoserve	Green	Green	Green	Yellow	Yellow	Green	Green	Green	Green	Green	Green	Yellow	Yellow	Green	Green	Green	Green	Green	Yellow	Green	Green	Green	Green
	Meets Industry Requirements							Solution is Stable						Sustainable					Consumer exp.				

Ref. 7	Success Factor	Desired outcome	02 Dec	19 Dec	Comments
1	Solution meets industry requirements	<ul style="list-style-type: none"> Xoserve and Participant confidence is high High Quality data migration processes Critical processes have been proven through MT Integrated market-wide system cutover plan Clear requirement traceability 	↔	↓	<ul style="list-style-type: none"> Amber statuses reported at 22 Dec 16 reflected outstanding work to finalise the functional defect position ahead of MT regression – this work has now concluded. Data activities continue to track to plan - detailed status reported at PNSG as part of data checkpoint 2 (09 Jan 17 PNSG). Updated LLTD (revised NEDs) is on track to be presented at TPG on 20 Jan 17. MT Regression commenced as planned on 09 Jan 17.
2	Solution is stable	<ul style="list-style-type: none"> System performance can support the industry Disaster recovery/business continuity Dress rehearsals provide confidence 	↔	↔	<ul style="list-style-type: none"> Further data testing remains (non-Bulk elements) in order to ready all data sources ahead of planned production loads. There is a requirement to conclude work on in-flights and validate iGT migration performance prior to IDR2 and as a result Xoserve are reporting as Amber in this area. PT and Gas Day Testing (GDT) runs 1&2 complete – further analysis needed to finalise Meter Read NFR position (as per TPG action A352).
3	Solution is sustainable	<ul style="list-style-type: none"> Documentation in place and knowledge transfer activity is complete Industry change management and release plans Contingency options and cutover governance established and hypercare processes agreed 	↔	↔	<ul style="list-style-type: none"> Hyper care approach approved and relevant industry detail shared via TPG. Engagement with TPG has begun concerning post go-live deployments / release management. Post go-live data governance processes under review. Documentation update plan requires programme agreement.
4	Enable a positive consumer experience	<ul style="list-style-type: none"> No impacts on energy industry reputation Market SLA's defined and measured Participants readiness is established 	↔	↔	<ul style="list-style-type: none"> Day 1 Readiness activities are progressing to plan. Day 1 Op model is defined and training plans are in place to ready operational resources.

*Note numbers are not sequential as not all criteria are applicable

Update on RIAG Session

Meeting on 15 Dec 16

1. Environment initial discussion
2. Code Stability dashboard
3. Assumptions initial review

Key Milestones Impacted

1. Implementation Date (T3.3)
2. Entry to Regression (MT2.4)

Relevant GONG Success Factors

1. High levels of Xoserve and Market Participant Confidence.
2. Integrated market-wide system cutover plan agreed and communicated.
3. System performance (including response time is sufficient to support industry volumes, key operations requirements (Gas Day testing) and file sizes.
4. No impacts on energy industry reputation.
5. Market SLAs defined, measured and achieved.

Theme – Environment, Code Stability, Assumptions

Environment

- Xoserve is currently considering their formal position with respect to ongoing environments pre and post Go-Live.
- This will be in the context of the ongoing discussion with respect to governance of Project Nexus post- Go Live.
- RIAG has recognised the need for a group that looks at the return to steady state in a post-Go Live context.
- Market Participants committed to undertaking an exercise to determine their expectations with respect to a testing environment once this group has been established.

Code Stability

- Baringa have undertaken initial assurance on Xoserve’s ability to achieve Code Stability and have determined that they are on track to achieve Code Stability on the basis that recommendations to Xoserve are implemented.
- There is a need for a granularity of data on expected outstanding items for achieving code stability.
- There is a need for more information with respect to Xoserve internal regression testing on deployment of defects in advance of entry to Regression and in order to achieve the Code Stability milestone.
- Agree to add an additional checkpoint on tracking to Code Stability prior to the Christmas break.







POAP Assumptions

- The Assumptions Log was reviewed and updated as require.
- This will be circulated to market participants for feedback.
- This will be revisited on a recurring basis.

Summary of Risks and Issues

#	ID	Milestone Date	Description	Mitigation Action	Mkt Part.	Xoserve	PwC	Other	Rating
1	R068	MT2.6 24 Mar 17	The pace of testing within MT regression may not allow for testing to be completed by MT2.6. This could be due to: 1) it not being possible to execute agreed scope within planned timescales 2) a high number of defects being identified during the phase 3) repeat of challenges encountered during full MT phase (e.g. identifying test data; partnering).					MTWG	12
2	R070	MT2.6 24 Mar 17	There is a risk that a lack of understanding of businesses process causes an increase in the number of incorrectly raised defects / queries and an increased number of rejected defects during MT Regression. If participants do not have an appropriate understanding of business processes this could have an adverse impact on regression testing and operations post Go Live.			☒	☒		12
3	R071	T3.3 01 Jun 17	There is a risk around the generation and delivery of the IIL file to iGTs. (i) There is a risk that Xoserve will be unable to generate an IIL file on Go-Live. (ii) There is a risk that the IIL file for iGTs is generated but data fails validation. (iii) There is a risk that the IIL file for iGTs is generated successfully, but there is insufficient time for iGTs to validate the file and load the data. (iv) There is a risk that the IIL file for iGTs is generated successfully, but Xoserve unable to transfer to iGTs via IX.	A174 A175 A176 A177		☒		TPG	12
4	R072	T3.3 01 Jun 17	There is a risk that disjointed testing of IDL/IQL in MT has sufficiently tested the delivery of IDL/IQL files. Further, delivery outside of IX does not represent the likely production solution meaning this has not been tested at production volumes.	A178		☒	☒		12
5	R073	D3.5 24 Feb 17	There are inconsistencies between the data recorded on the Xoserve database and the details for the same MPRNs held by shippers which could lead to operational issues in customer switching and settlement post go-live	A189		☒		Shippers	12

RAG Rating Legend:

 Significant risk / issue that requires urgent attention. Immediate escalation to governance group with recommended action plan. Control at source	 Risk / Issue that requires swift resolution. Programme/project milestones, budget or quality are impacted but at edges of tolerance.	 Medium risk / issue where we are comfortable that the concern is manageable and that the mitigations options being reviewed will address the problem	 Decision to be made	 Risk / Issue that has a low impact on programme/project tolerances. These risks will be tracked	 The # indicates the assessed impact added to the assessed likelihood to provide an overall category of risk from Insignificant / Sever through to Rare / Almost Certain. Further detail can be found within the RIAG governance.
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Summary of Risks and Issues

#	ID	Milestone Date	Description	Mitigation Action	Mkt Part.	Xoserve	PwC	Other	Rating
6	R074	D3.5 24 Feb 17	The data used to test transactions involving IGT MPRNs during market trials may not have been sufficiently representative of live data, leading to a high level of defects than anticipated for IGT sites after go-live	A190				Shippers	12
7	R075	T3.3 01 Jun 17	There are risks with respect to the lack of an environment for use by market participants beyond 01 May 2017, these include: - (i) That Xoserve currently have no formalised plan for a environment beyond 01 May 2017. - (ii) That the lack of a plan will result in insufficient time to scope and procure an environment that is able to facilitate defects to be retested (where applicable/appropriate); and for market trialling of CRs.	A199 A200 A201 A202		☒	☒	Ofgem	12
8	R076	T3.3 01 Jun 17	There is a risk to settlement as a result of a lack of clarity with respect to governance post Go-Live	A203		☒		Ofgem	12
9	R077	T3.1 22 May 17	There is a risk that there will be insufficient Non-Effective Days during the cutover period to allow for the iGT bulk load, resulting in a failure to deliver the iGT IIL file on Project Nexus Implementation Day.	A206		☒	☒	Ofgem	12
10	R078	T3.2 01 Jun 17	There is a risk that there will be insufficient Variant Non-Business Days during the catch-up period to allow for Xoserve to process the backlog of files generated during the Non-Effective Day period.					TPG RIAG	12

RAG Rating Legend:



Significant risk / issue that requires urgent attention. Immediate escalation to governance group with recommended action plan. Control at source



Risk / Issue that requires swift resolution. Programme/project milestones, budget or quality are impacted but at edges of tolerance.



Medium risk / issue where we are comfortable that the concern is manageable and that the mitigations options being reviewed will address the problem



Decision to be made



Risk / Issue that has a low impact on programme/project tolerances. These risks will be tracked



The # indicates the assessed impact added to the assessed likelihood to provide an overall category of risk from Insignificant / Sever through to Rare / Almost Certain. Further detail can be found within the RIAG governance.

Action Log

Action #	Action	Progress	Owner	Status	Due	Forum
A138	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 MTR plans. Where participants do want to include files/reports in MTR plans they need to provide a rationale as part of their entry submission.	i). Xoserve provided the list of files and reports unchanged by Nexus to MTWG. 26 Oct 16. This list is available on the UK Link Manual site. ii). The mapping of internal testing for these files and reports has been completed. iii). The information testing is pending confirmation Xoserve Industry Engagement team it has been issued. Information shared with MTWG. PROPOSE TO CLOSE.	Xoserve		26 Sep 16 → 28 Sep 16 → 26 Oct 16 → 30 Nov 16 → 16 Dec 16	MTWG
A146	Xoserve to explore whether the IDL approach can be duplicated in production post Go Live in the event of suspended operation e.g. following an incident.	The proposed approach is to adopt the same catch up mechanism for iGTs that is currently used for GTs. This will be discussed with iGTs on 16 Jan 17 in the next group meeting.	Xoserve		09 Jan 17 → 16 Jan 17	PNDG
A206	The TPG (in January) to consider how the IDR timetable for a July implementation could de-risk the IDR process (back to back nature of IDR2 and IDR3). This information will also feed into Checkpoint 3.	To be considered on 10 Jan 17.	Xoserve		10 Jan 17	TPG
A211	Circulate a complete list of the 15 defects (plus descriptions) that are outstanding at the start of Regression indicating which are being proposed to be fixed during regression.	PROPOSE TO CLOSE.	Xoserve		13 Jan 17	PNSG
A213	Publish a list of all workarounds in a single place on the Xoserve website. Include on this list, participant workarounds and Xoserve workarounds. The latter so participants are aware of where Xoserve are employing workarounds during MTR. Maintain this list going forward updating after each MTWG.	The workarounds are held within the MTIL (Market Trials Information Library) as agreed at MTWG and advised in the MTIL walkthrough on 06 Jan17. There will be two lists, 'approved' and 'under review'. All organisations should pass their internal workarounds to Xoserve to post into the Central point. To date none have been received. This is a standing agenda item at MTWG.	Xoserve		13 Jan 17	PNSG

Appendices

#	Title	Slide
1	Meeting Governance	29
2	Baringa CSA Programme Report	30 - 32
3	Hot Topic - New MTR Dashboards	33 - 34
4	Hot Topic - Transition Workshop	35
5	Disclaimer	36
6		
7		
8		
9		

Governance: Meetings

RIAG Meeting Focus

15 Dec 16	19 Jan 17	02 Feb 17	16 Feb 17	02 Mar 17
<ul style="list-style-type: none"> TBC <p>Complete</p>	<ul style="list-style-type: none"> CMA Inflight transactions 	<ul style="list-style-type: none"> Risk log refresh with input from working group discussions (conducted ahead of time) Assumptions deep dive 	<ul style="list-style-type: none"> Disengaged Market Participants and new market entrants framework 	<ul style="list-style-type: none"> Assumptions check in Project Nexus in wider industry

PNDG Meeting Focus

13 Dec 16	17 Jan 17	31 Jan 17	14 Feb 17	14 Mar 17
<ul style="list-style-type: none"> Programme Update Workstream Update Code Stability <p>Complete</p>	<ul style="list-style-type: none"> Programme Update Workstream Update 	<ul style="list-style-type: none"> Programme Update Workstream Update 	<ul style="list-style-type: none"> Programme Update Workstream Update Proposed Face to Face session 	<ul style="list-style-type: none"> Programme Update Workstream Update

PNSG Meeting Focus

19 Dec 16	09 Jan 17	1 Feb 17 (TBC)	20 Feb 17	29 Mar 17 (TBC)
<ul style="list-style-type: none"> Programme Update Workstream Update <p>Complete</p>	<ul style="list-style-type: none"> INTERIM GONG Assessment 1 Contingency Checkpoint 2 <p>Complete</p>	<ul style="list-style-type: none"> Programme Update Workstream Update Contingency Checkpoint 3 	<ul style="list-style-type: none"> Programme Update Workstream Update 	<ul style="list-style-type: none"> Programme Update Workstream Update GONG Assessment 2

PNSF Meeting Focus

Jan 17 (TBC)	Apr 17 (TBC)
<ul style="list-style-type: none"> Contingency Checkpoint 3 	<ul style="list-style-type: none"> Programme Update Workstream Update



CSA Programme Board Report

UK Link Programme

Client: Xoserve

Date: 07/12/16

Version: V0.3

Reputation built on results

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Discuss Executive Summary



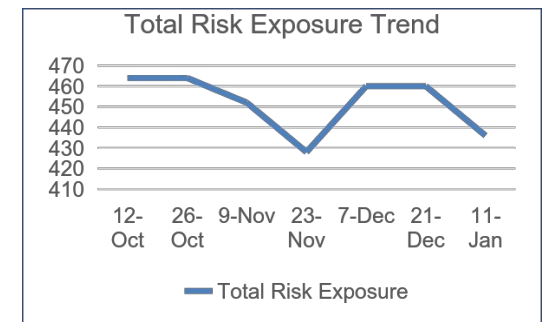
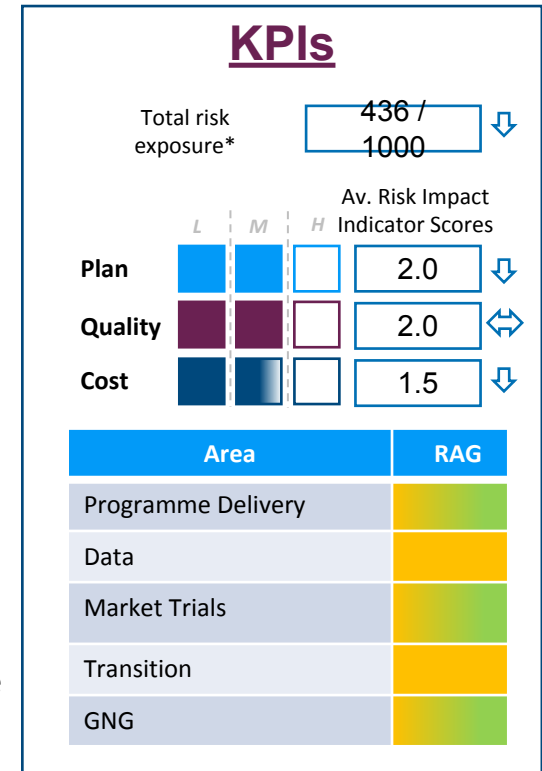
- ▶ The Programme status remains at **Green/Amber** with the overall risk profile returning to a positive trend based on the progress made towards MT Regression Test Entry and achievement of MT Code Stability. Finalisation of the NED extension has also de-risked the iGT migration solution. Data remains the backbone of the critical path with the plan entering a key period ahead of IDR2.

KEY RISK AREAS

- ▶ Programme Delivery – Delivery of remaining CRs (non code stability) inc. work around solutions where required
- ▶ Data – Parallelism within the data plan – in particular data validation activities
- ▶ iGT migration solution – Defect rates remain high with recurring defects encountered
- ▶ Market Trials – Identification of further functional change during MT Regression
- ▶ Transition – Inflight remains a challenging area with limited progress made on formalising the delivery plan

KEY MITIGATION ACTIONS

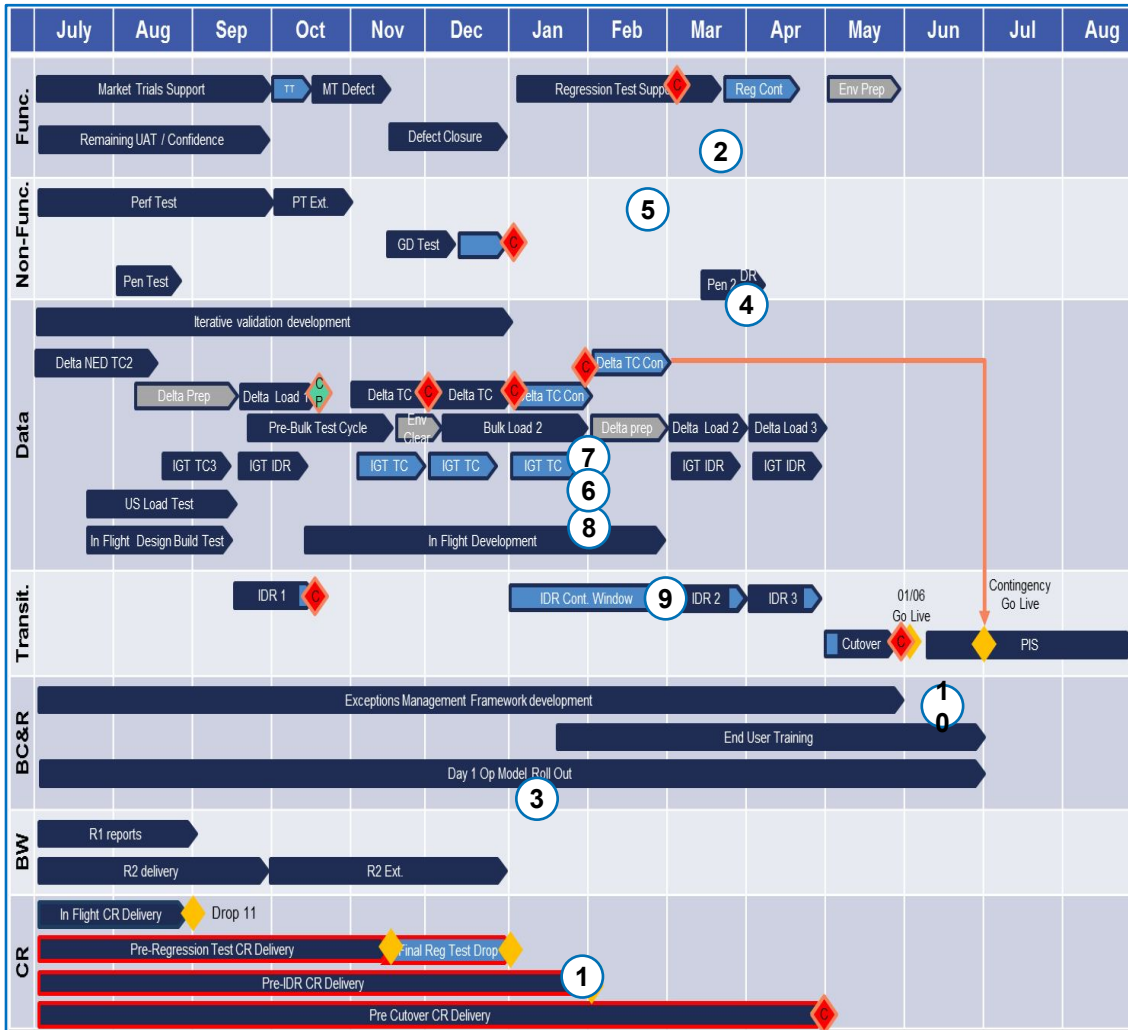
- ▶ Increase scrutiny on delivery progress across the full CR landscape (inc workarounds) within governance forums
- ▶ Balance Bulk and Delta Validation activities to provide confidence in data quality before delta loads to Prod commence
- ▶ Increase stringency of RCA, profiling and prioritisation (manual if required) to ensure data defect fix efforts are focused on high impact defects and regression issues are avoided
- ▶ Employ a standardised regression pack ahead of code releases to MT Reg. Test
- ▶ Baseline delivery plan for in-flight transactions include in central programme plan.



Plan Impact Points

- ▶ Risk impact points have been overlaid onto the high level programme POAP
- ▶ Risks are identified on a 'by exception' basis and whilst contributory, do not directly drive the phase/workstream RAG statuses provided
- ▶ Risk RAG statuses are relative and designed to articulate the potential impact on Programme critical path.

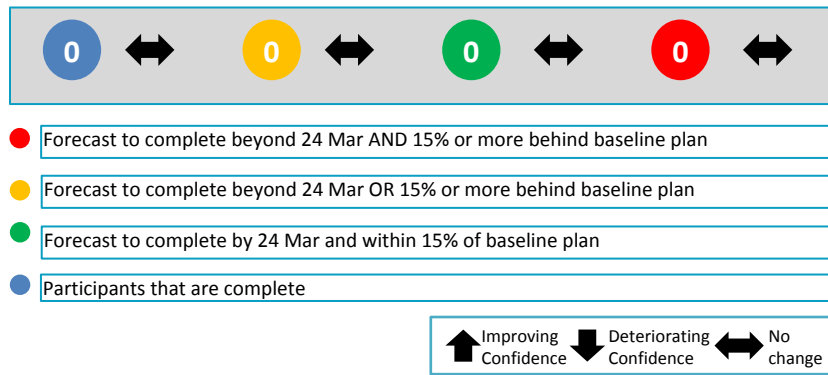
KEY



ID	Risk Description
#01	CR delivery - There is a risk that parallel delivery pressures will impact the delivery of CRs that are required to achieve go-live readiness
#02	Late identified functional change – there is a risk that ‘must have’ functional changes (defects or CRs) may be identified during MT regression
#03	Resource assignment & levelling – Resource mgmt. processes need to support a shift in programme focus towards implementation activities
#04	Overall non functional test close out – Outputs of GDT need analysis to determine whether additional NFT confidence testing is required
#05	Environment plans for the remainder of Programme and beyond need review to ensure that all activities are adequately covered (e.g. Smart integration test, R2)
#06	Data validation – this is a critical period for the data acceptance team. Without clear prioritisation there is a risk that validation activities won't conclude in line with production need dates
#07	Delta Data Migration Solution Delivery – delta testing forms the backbone of the critical path and there is a risk the solution will not be proven ahead of the need date for loads to production
#08	iGT migration solution – ETL timings within iGT test cycles need to be closely monitored to assess performance against revised NED window. AV yet to run on iGT data set and therefore the risk of a further defect uptick remains
#09	In flight transaction delivery - IDR1 only tested a subset of inflight transactions yet identified a high volume of defects. A clear plan/approach for completion of residual scope needs publication
#10	Day 1 Exceptions Handling – There is a risk that Xoserve is underprepared to handle ‘Day 1’ exceptions, leading to SLA breaches

MTR Dashboard

37 Participant MTR RAG (10 Jan 17)

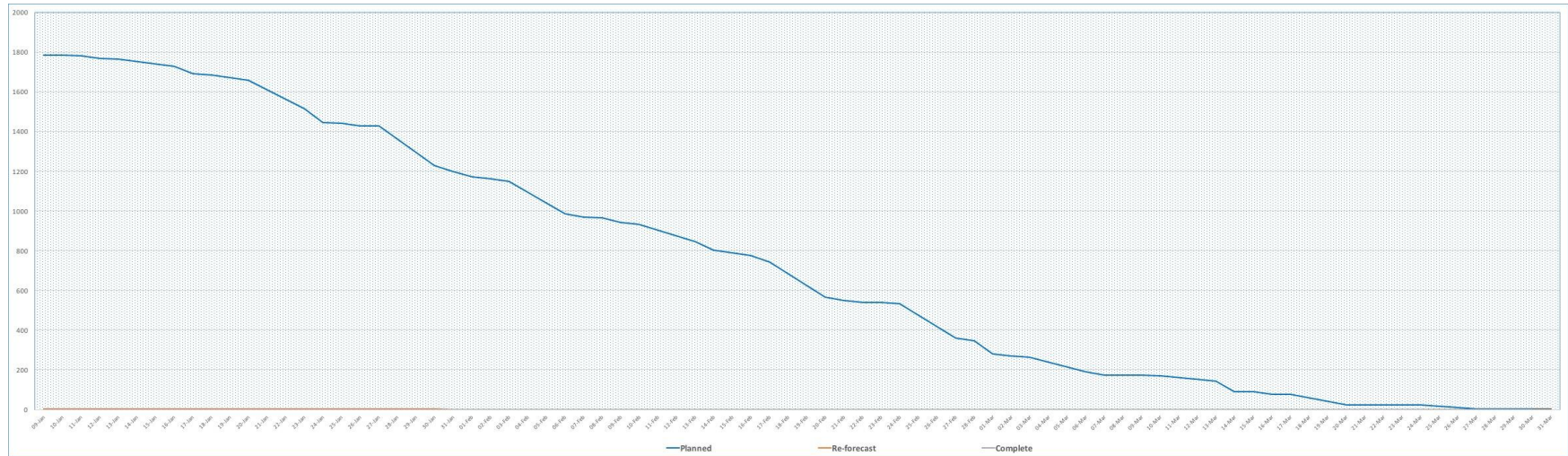


Defect Position

	P1	P2
Total raised	TBC	TBC
Open defects	TBC	TBC
Defects fixed and deployed in MTR	TBC	TBC
Defect planned to be fixed during MTR	TBC	TBC
Defects to be deferred to post go-live / subject to workaround	TBC	TBC

Criteria	Desired outcome	Last period	This period	Comments
MTR tests started against plan	Participants show an increase or a sustained performance against planned start dates within their MTR test plans	N/A	↔	TBC
MTR tests completed against plan	Participant MTR show an increase or a sustained performance against planned completion dates for tests lines within their MTR test plans	N/A	↔	TBC
RAG assessment	RAG assessment based on participant progress against plan and forecast completion	N/A	↔	TBC
Defect position	Sustained reduction in new defects raised rate and an increase or sustained rate of defect fixes.	N/A	↔	TBC
Number of participants complete	Participants confirm that they have completed their MTR plan and require no further support from Xoserve.	N/A	↔	TBC

MTR Baseline Burndown



Burndown data

	Last period	This period
Total test lines to be completed	N/A	1786
<i>Test lines complete</i>	N/A	TBC
<i>Test lines in progress (on track)</i>	N/A	TBC
<i>Test lines in progress (off track/ delayed)</i>	N/A	TBC
<i>Test lines failed/ blocked</i>	N/A	TBC
<i>Test lines de-scoped</i>	N/A	TBC

Commentary

- The graph above shows the baseline burndown for Market Trials regression. The blue line represents the planned completion dates of all test lines. As the phase progresses this graph will track progress against the planned completion date showing actual values for complete (grey) and re-forecast test lines. Baselined test plans of all participants involved in the phase indicate that all tests are planned to be complete on or before the final day of the phase
- As the phase progresses, commentary will be provided against the baseline and provide detailed explanation relevant to where progress deviates from the plan.

Hot Topic - Transition Workshop

On 10 Jan 17, the TPG and RIAG communities convened for the Transition Deep Dive Workshop. This session was created following feedback received via the GONG self-assessments and RIAG where Market Participants felt the Xoserve Transition products had gaps.

Breakout Session	Key Discussion Points	Key Actions Identified
IDR2 Overview	<ul style="list-style-type: none"> • Scope and success criteria. • In-flight testing. • Risk of reduced time between IDR2 and IDR3. 	<ul style="list-style-type: none"> • Develop a clear set of entry and success criteria. Share with TPG. • Share sample file outputs from IDR2.
Low Level Transition Design	<ul style="list-style-type: none"> • Structure and purpose of the document. • Missing files. • Dependencies between files listed in the document. 	<ul style="list-style-type: none"> • Update the LLTD to include non-UK Link information. • Include one-off transition flows.
23 Day Cutover Plan	<ul style="list-style-type: none"> • Changes between the 21 and 23 day plan. 	<ul style="list-style-type: none"> • Identify the critical path and where there is capacity in the plan.
Catch-Up Batch Options	<ul style="list-style-type: none"> • Release and process files one NED at a time. • Bulk Release. 	<ul style="list-style-type: none"> • Confirm the mitigating actions to implement the bulk release option.

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