

# Project Nexus Delivery Group [PNDG] Status Report

*31 January 2017 [Lite Report]*

**Covering the period: 13 Jan 16 – 26 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 @ 26 Jan 17

**Sponsor:** Jon Dixon

**PMO:** Melisa Findlay

**End Date:** 01 Jun 17

RAG Status	Solution Delivery	Market Trials	Data	Transition	GONG
Overall					
Xoserve					
Baringa <small>(view of Xoserve)</small>					
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 but being closely monitored
 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:**

- All Solution Delivery milestones are complete.
- MT Defect call occurred on 20 Jan 17.
- Progress made through iGT portfolio reconciliation.
- Transition Single Source document issued 20 Jan 17.
- Inflight Working Group took place 25 Jan 17.

**Upcoming activities:**

- Industry to respond with Day 1 volumes.
- MT Regression progress calls continue.
- G2 Assessment preparation activity.
- RIAG review of RAIG log.






**Overall RAG Commentary:**

The Programme continues to track to plan and this is recognised through the continued Amber / Green RAG status. **Solution Delivery:** Continues to track Amber / Green, which is attributable to the outstanding confirmation from that 32M daily reads are sufficient for Day 1 volumes required to confirm performance test results. Industry have been asked to provide information pertaining to this. **Market Trials:** Remains Amber / Green. Although initial MT Regression activity has been positive, there are a number of Market Participants who are tracking behind, Partially, this is a result of start dates not reflecting actual planned testing activity. **Data:** Has deteriorated to Amber due to emerging risks to development and testing of inflights in advance of IDR2 and uncertainty over the provision of ILL files to iGTs prior to and during cut over. **Transition:** Continues to track Amber which is as a result of remaining questions over Catch-up batch and resubmission of rejected files, submission of files during VNBD and a risk to IDR2 as a result of Inflights. **GONG:** Continues to track Amber / Green as work progresses towards closing those actions required for G2 assessment. In addition targeted calls have commenced with a single point of contact approach having been introduced.

**Remediation Action:**

**Solution Delivery:** Ofgem are writing to Market Participants to formally request the volumes required for Day 1. **Market Trials:** PwC / Ofgem continue to conduct calls to monitor testing and identify and resolve blocking issues. PwC / Ofgem are also working with Xoserve to resolve Dummy data issues. **Data:** An Inflight Working Group has been established to advise Xoserve. Xoserve are preparing proposals for the timings of ILL files prior cutover (for testing) and during cutover. **Transition:** Xoserve are developing a paper to address outstanding questions which is to be presented at the TPG on 07 Feb 17 **GONG:** Targeted follow up sessions continue with Market Participants to understand the impact of G1 actions and prepare for G2.

# Solution Delivery Status Report

<b>Project Nexus:</b> As @ 26 Jan 17 <b>Sponsor:</b> Jon Dixon <b>PMO:</b> Melisa Findlay <b>End Date:</b> 01 Jun 17	<b>RAG Status</b>	<b>Delivery</b>	<b>Workstream Status:</b>  <b>Programme Trend:</b>  <b>Since:</b> 27 Sep 16
	Overall		
	Xoserve		
	Baringa <small>(view of Xoserve)</small>		
	Participants	N/A	

**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. This is required to enable the confirmation of the adequacy of Performance Testing results.

**Achievements since last PNDG:**

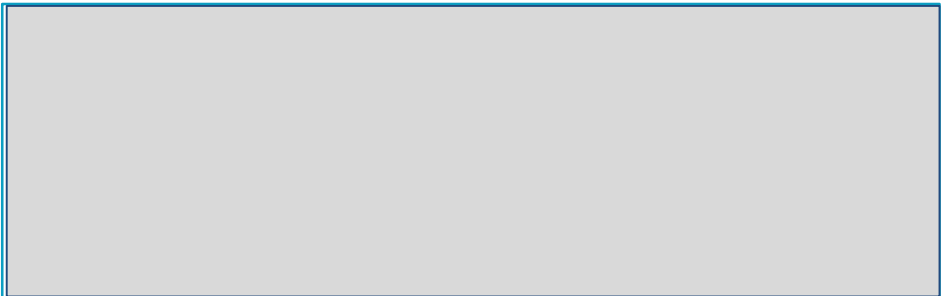
- All Solution Delivery milestones complete.

**Remediation Action:**

- Industry confirmation of volumes for Day 1 and beyond has been pending since 22 Nov 16 (TPG Action 351). Ofgem email will be sent 27 Jan 17 requesting Industry to provide this information by 07 Feb 17.

**Upcoming activities:**

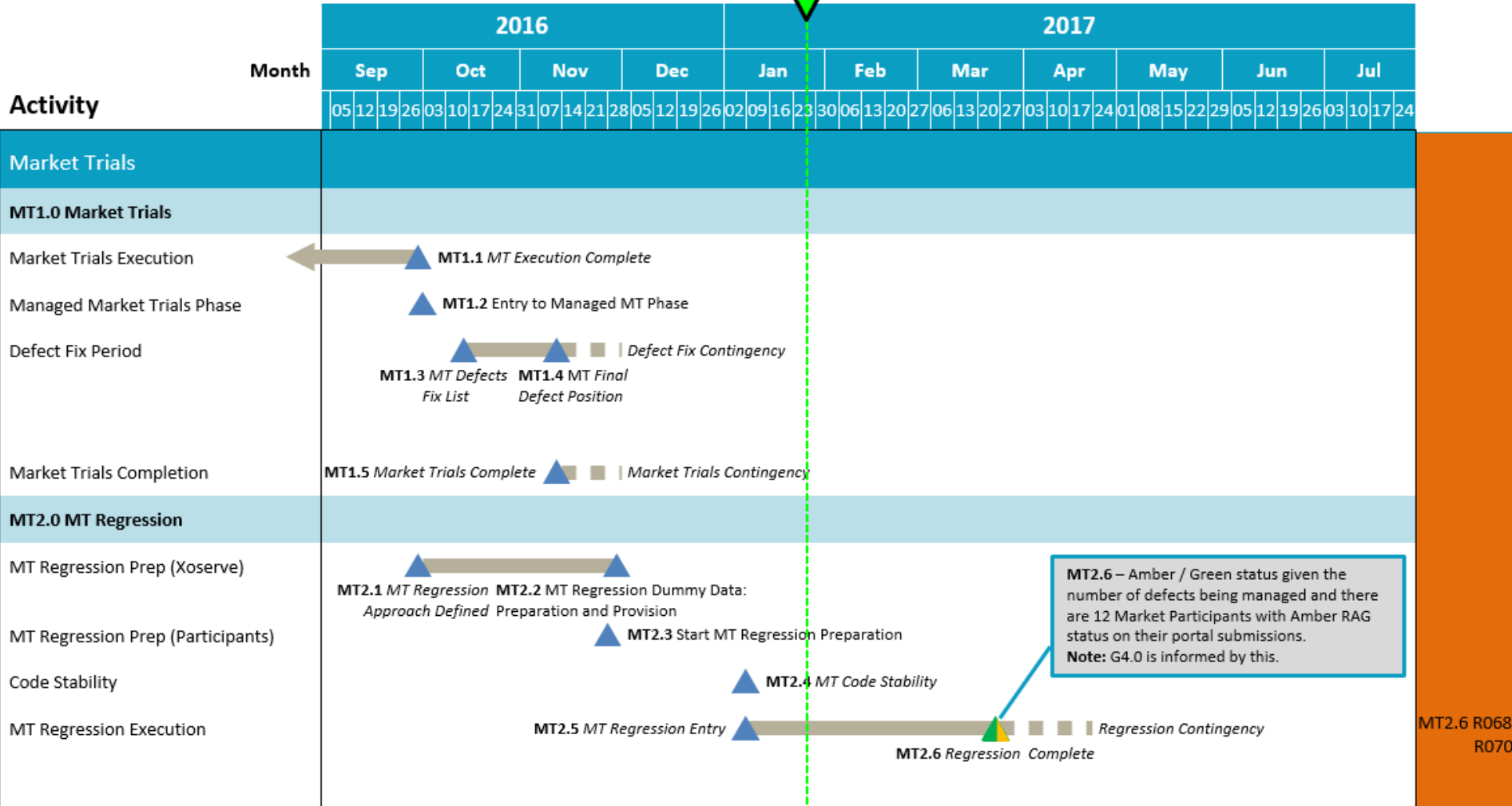
- TPG to progress confirmation of industry volumes for Go Live and beyond.
- Gas Day testing update to be provided outlining the results of the final cycle run in December.



Discuss

# Market Trials Plan

Today



MT2.6 R068 R070

**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

# Decision - Regression Testing MS

Decision causes a milestone date change on the Plan on a Page











Decision impacts the go-live date

Programme decision with no impact to POAP

**Decision 020**

#	Decision	Status	Due Date	Areas of Programme Affected	Comments	Outcome
D020	<p>PNDG are asked to approve a new milestone to be included within the Market Trials POAP for the definition by Xoserve of a standard regression testing pack.</p> <p>The proposed Milestone is:</p> <ul style="list-style-type: none"> <li><b>MT2.7</b> - Standard Xoserve Regression Test Pack in place.</li> <li>With a completion date of 24 Feb 17.</li> </ul>		24 Feb 17	Market Trials	<p>The Baringa Market Trials code stability assurance report recommended that a standard regression test pack should be defined for use ahead of code releases.</p> <p>This pack is now being prepared and work will be completed by 24 Feb 17.</p> <p>Until that point stand alone test scripts for impacted processes or code areas will be used to regression test before code deployments.</p> <p>This milestone is not dependent on any others within the POAP.</p>	Open

# Market Trials Status Report

<b>Project Nexus:</b> As @ 26 Jan 17 <b>Sponsor:</b> Jon Dixon <b>PMO:</b> Melisa Findlay <b>End Date:</b> 01 Jun 17	<b>RAG Status</b>	<b>Market Trials</b>	<b>Workstream Status:</b>	
	Overall	 	<b>Programme Trend:</b>	
	Xoserve	 	<b>Since:</b>	23 Jan 17
	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. There has been a good start to MT Regression. The number of participants testing and test line completion is currently on track against the baseline. However, participants are behind on test lines commenced (777 against the baseline of 1116). This is partly due to start dates in test plans not reflective of actual planned testing activity. The weekly defect call provided an updated defect report to improve visibility of Xoserve internal defects to participants. 7 defects were tabled for discussion in the call on 20 Jan 17, which were all agreed to be fixed and deployed.

- Achievements since last PNDG:**
- Weekly defect call took place on 20 Jan 17 with an updated defect report which includes a complete set of Xoserve internal and external defects.
  - MT Regression progress calls now commenced for all 37 market participants (30 in the previous period).
  - MTWG was conducted on 25 Jan 17, the key messages of this are captured in the section 'MTWG Key Messages'.

- Remediation Action:**
- MTR progress calls between PwC/Ofgem Account Managers and participants will continue to monitor execution of testing in line with the baselined test plans and identify and resolve blocking issues. This includes understanding whether delays will impact the forecast completion date.
  - PwC/Ofgem to work with Xoserve and the remaining participant with dummy data issues to resolve these as a matter of priority.

- Upcoming activities:**
- Continued managed MTR progress calls to track progress of each participant against their baselined test plans.
  - Weekly defect call including continued evolution of the defect report to provide clearer categorisation of defects including MTR and non-MTR impacting.
  - Xoserve and PwC to continue to refine defect reporting so a clear picture of all outstanding defects is presented.
  - MTWG planned for 08 Feb 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 not tested as part of MT 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.

# MTR Confidence Dashboard

Confidence Criteria	Desired outcome	17 Jan 17	23 Jan 17	Comments
<b>Participant RAG assessment</b>	RAG assessment based on participant progress against plan and forecast completion.	↔	↓	As at 20 Jan 17, 23 of 37 participants are 'Green' and considered 'on-track'. 12 participants are currently tracking 15% or more behind their baseline plan in terms of test line completion however, no participants are currently forecast to complete beyond 24 Mar 17.
<b>MTR test lines started against plan</b>	Participants demonstrate a sustained performance in commencing test lines as per planned start dates within their MTR test plans.	↓	↔	As at 20 Jan 17, 34 of 35 participants who had planned to commence testing have started. Commencement of test lines is behind schedule with 780 of the 991 test lines planned to be started underway.
<b>MTR test lines completed against plan</b>	Participants demonstrate a sustained performance in achieving planned completion dates for tests lines within their MTR test plans.	↑	↔	As at 20 Jan 17, test completion is currently on track with 282 tests complete against 279 expected.
<b>Defect position</b>	Low levels of new defects are identified in line with the objectives of the MTR phase.	↔	↔	As at 20 Jan 17, 5 valid defects had been raised by participants (all P3) since the start of MTR. 36 internal defects have been raised by Xoserve, 7 of which were raised and approved for fix / deployment on 20 Jan 17 defect call.
<b>Number of participants complete</b>	Participants confirm that they have completed their MTR test plan and require no further support from Xoserve.	↔	↔	As at 20 Jan 17, The first participant is forecast to complete on 27 Jan 17 (iGT). A second participant who was due to complete on 27 Jan 17 has experienced a delay in their test plan.

Improving Confidence 
 Deteriorating Confidence 
 No change

### 37 Participants' MTR RAG (@20 Jan 17)

2

↔

23

↔

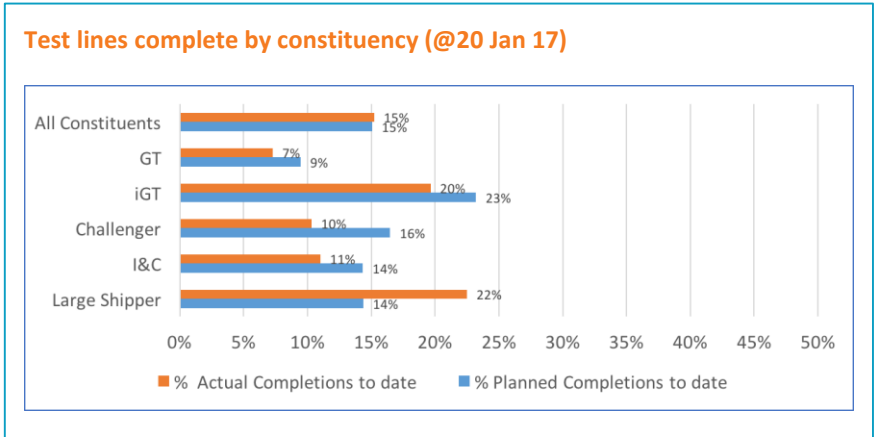
12

↔

0

↔

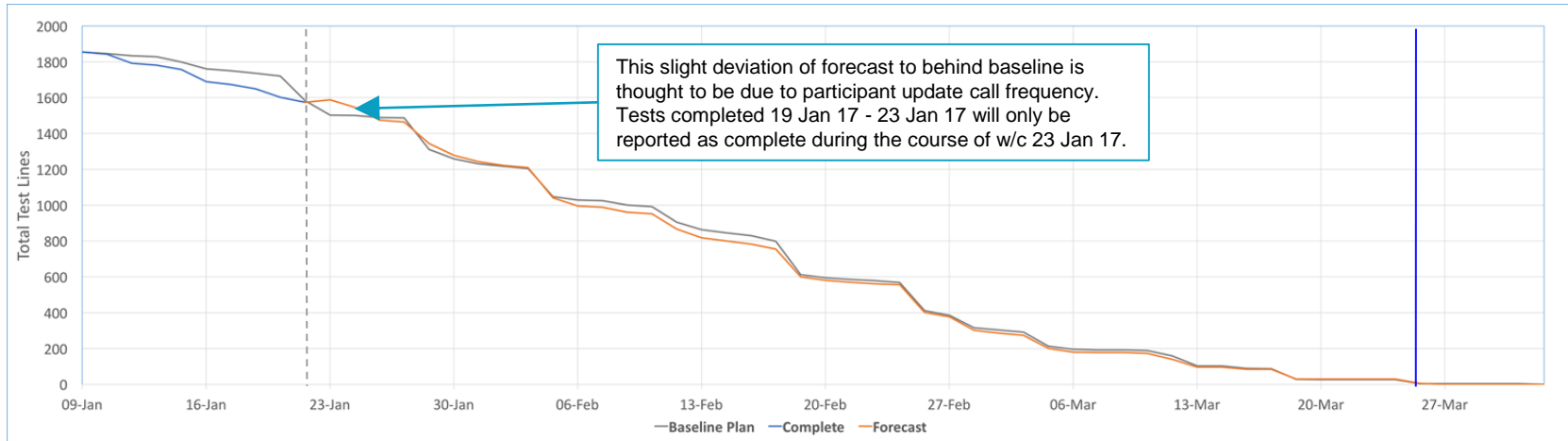
- Forecast to complete beyond 24 Mar AND test completion >15% behind baseline plan
- Forecast to complete beyond 24 Mar OR test completion >15% behind baseline plan
- Forecast to complete by 24 Mar and test completion within 15% of baseline plan
- Participants have not started / not submitted updated test plan





# MTR Test Line Burndown

## Test Line Burndown Graph (@20 Jan 17)



## Test Line Burndown data (@20 Jan 17)

	Planned to date	Actual to date
Test lines complete	279	<b>282</b>
Test lines started	991	<b>780</b>
Participants commenced testing	35	<b>34</b>
Participants completed testing	0	0
Test lines de-scoped	n/a	34

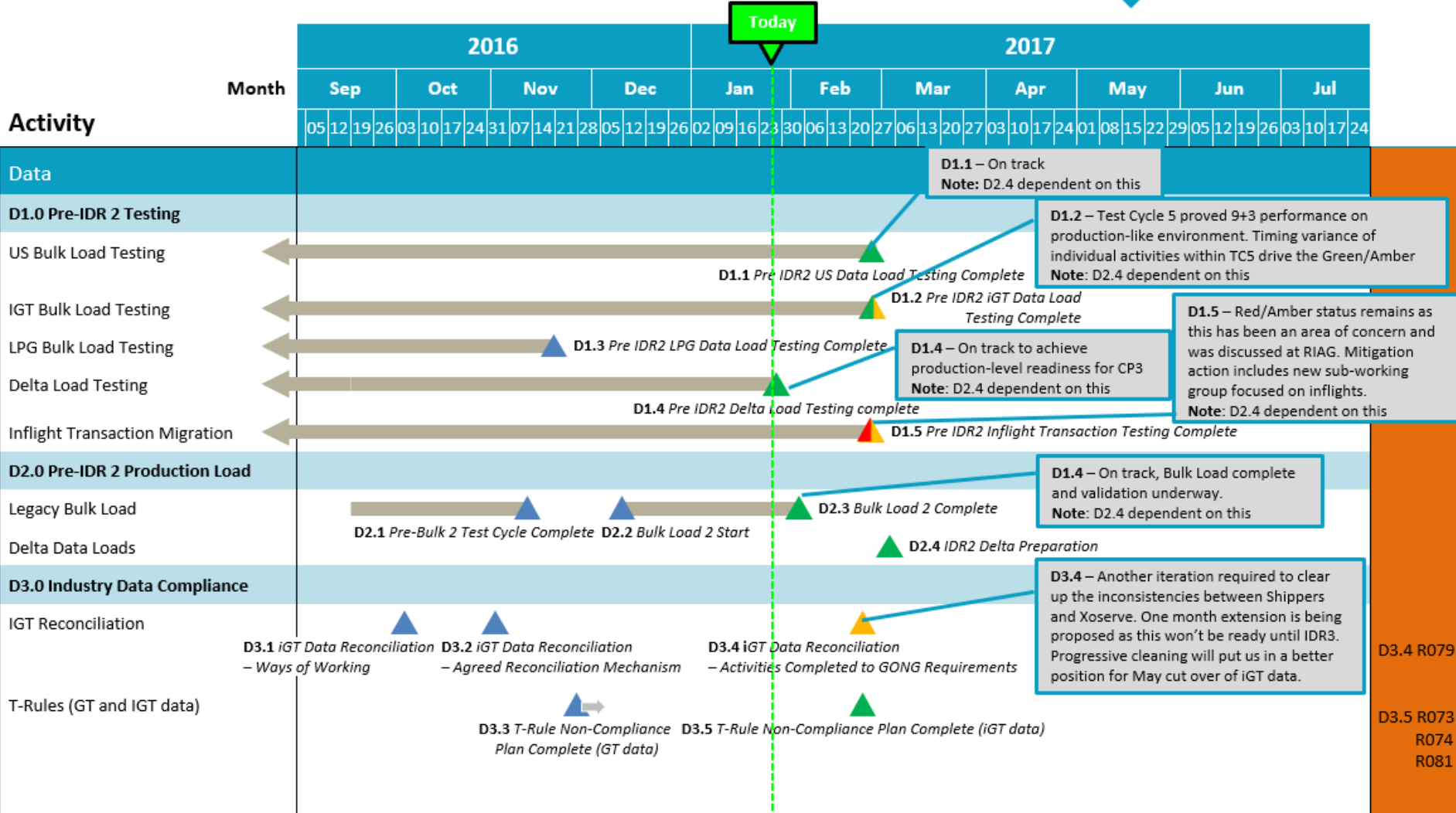
Key: **On track** / **Behind plan**

## Commentary

- Completion of test lines against the baseline plan is currently on track. We forecast that this will slip between the period of 24 Jan 17 - 26 Jan 17 before returning to the baseline with 80 tests due to be confirmed as complete on 26 Jan 17.
- One Challenger that has planned to commence testing has not yet started any tests however this only represents 2 test lines in total. This is being addressed through the PwC/Ofgem Account Manager.
- It is apparent that some participants have forecast start dates for a number of tests that weren't necessarily intended to commence on that day (eg, a total of 598 tests were 'planned' to start on 09 Jan 17). PwC/Ofgem Account Managers will continue to work with participants to improve the forecasting accuracy of test line start and completion dates.

Discuss

# 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

# Decision - D3.4 Date Extension



Decision causes a milestone date change on the Plan on a Page



Decision impacts the go-live date



Programme decision with no impact to POAP

**Decision 019**

#	Decision	Status	Due Date	Areas of Programme Affected	Comments	Outcome
D019	<p>PNDG are asked to approve an extension to milestone D3.4 iGT Data Reconciliation - Activities Completed to GONG Requirements delivery date.</p> <p><b>From:</b> 23 Feb 17</p> <p><b>To:</b> 24 Mar 17</p>		23 Jan 17	Data	<p>It has been identified that an additional iteration of data reconciliation is required between Shippers and Xoserve to clear data inconsistencies. Against current timelines this will not be ready until IDR3. Therefore an extension of 1 month is being proposed to better position us for the May cut over of iGT data.</p> <p>When considering ratification of this extension it should be noted that progressive cleaning will place us in a better position for the May cut over. This milestone has no dependencies.</p>	Open

# Data Status Report

**Project Nexus:** As @ 26 Jan 17

**Sponsor:** Jon Dixon

**PMO:** Melisa Findlay

**End Date:** 01 Jun 17

RAG Status	Data
Overall	<span style="color: yellow;">●</span> ↓
Xoserve	<span style="color: green;">●</span> ↔
Baringa <small>view of Xoserve</small>	<span style="color: yellow;">●</span> ↔
Participants	<span style="color: yellow;">●</span> ↓

**Workstream Status:**



**Programme Trend:**



**Since:**

31 Jan 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. Although milestones on major elements (bulk, delta and iGT data load) are being completed successfully, other risks to data are emerging.

The two risks that have increased since the prior report are the tight delivery timetable for Inflight data solutions in advance of IDR2 and uncertainty over the provision of IIL files to iGTs both prior to and during cutover. Other risks that remain are uncertainty over the completion of Delta and iGT migration testing and resolving remaining inconsistencies in iGT data.

**Achievements since last PNDG:**

- Bulk 2 data load completed ahead of schedule, with minimal pre-migration fallout.
- Delta TC5a complete, Delta TC5a validation continuing, with defects trending to the 'Moderate' scenario.
- January iGT portfolio reconciliation shows good progress with only 14k items to resolve.

**Remediation Action:**

- Inflight sub-working group established to provide guidance to Xoserve on the prioritisation required for Inflight scenarios and identify potential workarounds that could avoid the need for Xoserve to build and test certain inflight solutions.
- Xoserve to make proposals for the timing of ILL files both prior to cutover (for testing) and during cutover by 27 Jan 17.
- Ongoing actions to address potential inconsistencies in information held between shippers systems and the iGT migration database presented at DMG.

**Upcoming activities:**

- Bulk 2 Validation continues and is expected to deal with any anomalies found within the validation outcome.
- Continued work on elimination of iGT data inconsistencies (D3.4 and D3.5).
- Agree approach to testing inflights and any mitigation activities (D1.5).
- Schedule next Inflights sub-working group.

**DMG Key Messages:**

- Continued good progress on bulk, delta, and iGT data loads and testing.
- Priority activities this week and next to focus on de-risking Inflight data migration and on finding a practical solution to IIL files to confirm successful load of iGT data.
- iGT actions in January should resolve 'completeness' of portfolio on migration database but more work is required on inconsistencies.

# Current Data Plan Activities

## Summary of Current Workstream Plan Activities @ 10 Jan 17:

Origin	Cycle	Perf	Quality	Progress	Response to RAID	
Unique Sites	US TC1 (in progress) IDR1 (complete)	G	G	<b>Unique Sites open defects to be addressed before next IDR2 cycle</b> <ul style="list-style-type: none"> <li><b>Performance:</b> Achieved plan timings in IDR1</li> <li><b>Issues:</b> None</li> <li><b>Quality:</b> x26 Open defects have been fixed and put into US Test Cycle 1 for validation</li> </ul>	1. Further US cycle planned to sweep up X26 "Open" Migration and Quality defects and practice US migration before IDR2.	
				Data Defects Landscape		Fallout from cycle
				X26 "Open" defects being addressed		N/A before next cycle
iGT	iGT TC5 (complete)	G	A	<b>iGT test cycles continue to deliver to plan. iGT TC5 activities have performed to the required plan within the 9(+3) NED window</b> <ul style="list-style-type: none"> <li><b>Plan:</b> A production like environment (e.g. comparable storage, CPU etc) was used for TC5. Script tuning and plan improvements were made ahead of the cycle which improved performance between TC4 and 5. TC5 completed with ~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</li> <li><b>Issues: No issues;</b> there remains a risk of closing down defects in a timely fashion and of newly discovered delta defects late in the day.</li> <li><b>Quality:</b> The iGT defect trend is currently tracking within the pessimistic forecast; a strong downturn in overall iGT defect volumes needed in iGT TC6 in order to satisfy IDR2 entry. Production use of the iGT data load is not required until transition itself meaning that IDR2 and IDR3 can be used as iGT test cycles in themselves if required to prove quality. However any such use should be for clean-up only.</li> </ul>	1. Contingency Test Cycle planned (TC6) in order to prove the remainder of the defects (IDR2 & 3 as further opportunities to improve quality where needed)	
				Data Defects Landscape		Fallout from cycle
				38 Open defects (non-Industry Cleanse DQ issues) of which 25 to be targeted for fix resolution in iGT TC6		All objects achieved 100% ETL success rates in iGT TC5
LPG	LPG TC1 (complete)	G	G	<b>Further LPG Testing complete</b> <ul style="list-style-type: none"> <li><b>Performance:</b> Proven through previous cycles</li> <li><b>Issues:</b> N/A</li> <li><b>Quality:</b> X8 "Open" Data defects fixed and proven</li> </ul>	N/A	
				Data Defects Landscape		Fallout from cycle
				0 - Defects addressed through latest cycle		N/A

# Current Data Plan Activities

## Summary of Current Workstream Plan Activities @ 10 Jan 17:

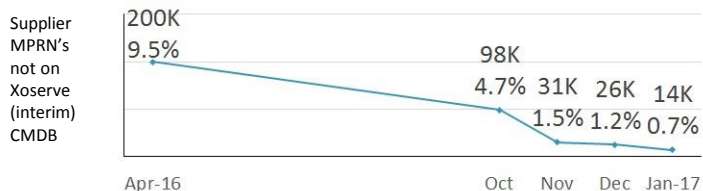
Origin	Cycle	Perf	Quality	Progress	Response to RAID	
Delta	TC5b (underway)	G	A / G	<p><b>Delta TC5a delivered to plan and was inline with quality expectations</b> (target defects fixed, fix success rate and no newly identified defects)</p> <p><b>Delta Contingency TC1 cycle split into two distinct Delta runs (TC5a and TC5b)</b></p> <ul style="list-style-type: none"> <li><b>Plan:</b> Plan performance for Delta remains in line with expected performance</li> <li><b>Issues: No issues;</b> there remains a risk of newly discovered delta defects late in the day following TC5b, but other than TC3, defect identification has been on a continual reducing trend</li> <li><b>Quality:</b> No new defect were discovered in TC5a; Following Delta TC4, the delta defect forecast trend (actual vs. forecast) has returned to a moderate/average profile, supporting the forecast that a further contingency cycle in February is <b>not</b> required.</li> </ul>	<ol style="list-style-type: none"> <li>Data Delta Plan is expected to continue the burn down to manage 'known' defects through successful 'Fix &amp; Prove' cycles. (in Progress)</li> <li>Contingency Delta Cycle 1 in January '17 utilised for this effort with no impact on Go Live Date.</li> </ol>	
				Data Defects Landscape		Fallout from cycle
				6 Open defects within Delta with all of these targeted and fixed in TC5b		All objects achieved 100% ETL success rates in TC4, TC5a and TC5b
In Flights (Data)	IDR1 (complete)  Further inflights testing (TBC)	A	R	<p><b>Integrated Inflight testing commencing with Transition teams</b></p> <ul style="list-style-type: none"> <li><b>Performance:</b> Further testing of full scope planned (GT in January, iGTs/Unique Sites in February)</li> <li><b>Issues:</b> A number of open Data defects exist along with previously untested inflights scenarios</li> <li><b>Quality:</b> In Flights Defect resolution is underway and will be tested in an integrated test cycle with transition</li> </ul>	<ol style="list-style-type: none"> <li>An end-to-end strategy for iGT and US inflights formalised with Transition (done)</li> <li>Dedicated Test cycle for inflights commencing along with Transition (action in progress)</li> </ol>	
				Data Defects Landscape		Fallout from cycle
				Amber for Cycle –x29 Open Data defects		N/A before next cycle
Bulk	Bulk 2 (validation underway)	G	G	<p><b>Bulk Load 2 completed Load on Friday 6<sup>th</sup> Jan, validation underway</b></p> <ul style="list-style-type: none"> <li><b>Plan:</b> Bulk 2 has exceeded its plan forecasts for ETL. Validation commenced 1 week early.</li> <li><b>Issues:</b> None</li> <li><b>Quality:</b> Full validation of bulk load is underway, a small number of auto validation results are being investigated for root cause and fixes where needed. 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 6<sup>th</sup> February 2017 (IDR2 Delta Preparation start).</li> </ul>	<ol style="list-style-type: none"> <li>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. (In Progress)</li> </ol>	
				Data Defects Landscape		Fallout from cycle
				X23 mismatches under considerations as potential Defects – investigation underway to close (where necessary) before start of IDR2 Preparation cycle		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:

- 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**

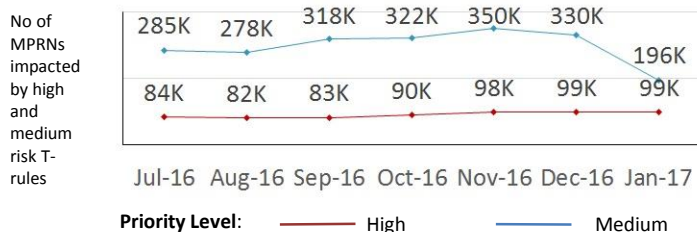


- Total iGT MPRN population: c2100k.
- Figures show the number of MPRNs and percentage of iGT population.

## Highlights - Updated (@ 25 Jan 17)

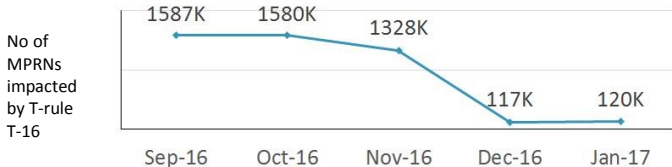
- Figure 1/Objective 1** - Continued progress on portfolio reconciliation. Site visits indicate that completeness of migration database should be resolved by month end.
- Figure 2/Objective 2** - Action in progress will reduce high risk T-rules from 99K to approx 4K. Resolution expected by end of Feb.
- Figure 3/Objective 2** - Where effort has been made to resolve incompatibilities and inconsistencies, as shown in Figure 3, last inspection date results show that issues can be resolved in a timely fashion.
- Objective 3** - Some iGTs have prioritised portfolio reconciliation and resolving rejections from the migration database over resolving inconsistencies reported by suppliers; the focus needs to move back to resolving inconsistencies over the next four weeks.
- Objective 3** - Activities to resolve rejections from the migration database may have resolved data inconsistencies in passing and therefore it is essential that shippers work on data inconsistencies remaining in the latest portfolio reconciliation.
- Objective 3** - The proposal to move milestone D3.5 back one month is to allow time for this to be done properly. There is no impact on other milestones.

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



- Original baseline of MPRNs impacted: 1,437k.
- Continued iGT effort required to maintain burndown, especially for high risk T-rules

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

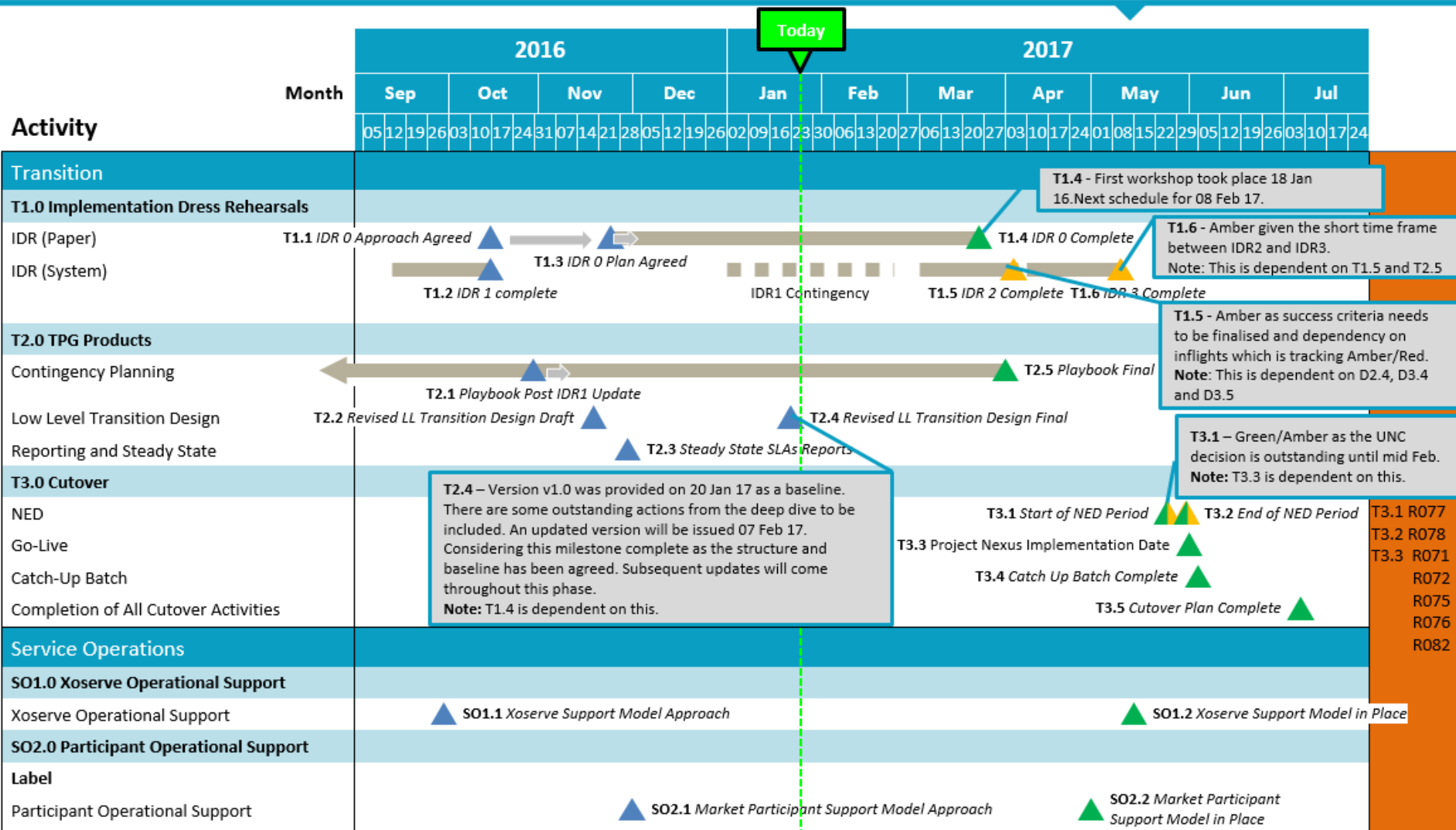


- High level of progress with T-16 from Nov to Dec.

## Actions for participants focused on objective 3

- Review the latest portfolio reports to assess the extent to which data inconsistencies remain.
- Continue to notify Xoserve ([Emma.lyndon@xoserve.com](mailto:Emma.lyndon@xoserve.com)) of any data consistency issues.
- Respond to data cleanse actions arising from the DMG on 26 Jan 17.

# Transition 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



# Transition Status Report

<p><b>Project Nexus:</b> As @ 26 Jan 17</p> <p><b>Sponsor:</b> Jon Dixon</p> <p><b>PMO:</b> Melisa Findlay</p> <p><b>End Date:</b> 01 Jun 17</p>	<b>RAG Status</b>	Transition	<p><b>Workstream Status:</b> </p> <p><b>Programme Trend:</b> </p> <p><b>Since:</b> 17 Jan 17</p>
	Overall	 	
	Xoserve	 	
	Baringa <small>view of Xoserve</small>	 	
	Participants	 	

**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 questions regarding the resolution of the Catch-up Batch. Although the bulk upload option has been identified as the preferred option, there are open queries regarding the resubmission of rejected files, submission of files created during the VNBD and submission of files generated from Market Participants who cutover early. In addition, Xoserve are required to update their processes to accommodate the bulk upload option for IDR2. The target completion date for this is 17 Feb 17.

- Achievements since last PNDG:**
- LLTD structure (T2.4) baselined on 20 Jan 17. Update to be circulated on 07 Feb 17 incorporating actions from the deep dive session held on 10 Jan 17.
  - Transition Single Source document was issued to Market Participants on the 20 Jan 17 and will be updated after each TPG.
  - Xoserve 23 day plan was issued to Market Participants on 24 Jan 17 accommodating actions from the deep dive session.
  - IDRO Session 1 took place on 18 Jan 17 and session 2 is planned for 08 Feb 17.
  - Inaugural Inflight Working Group held 25 Jan 17.

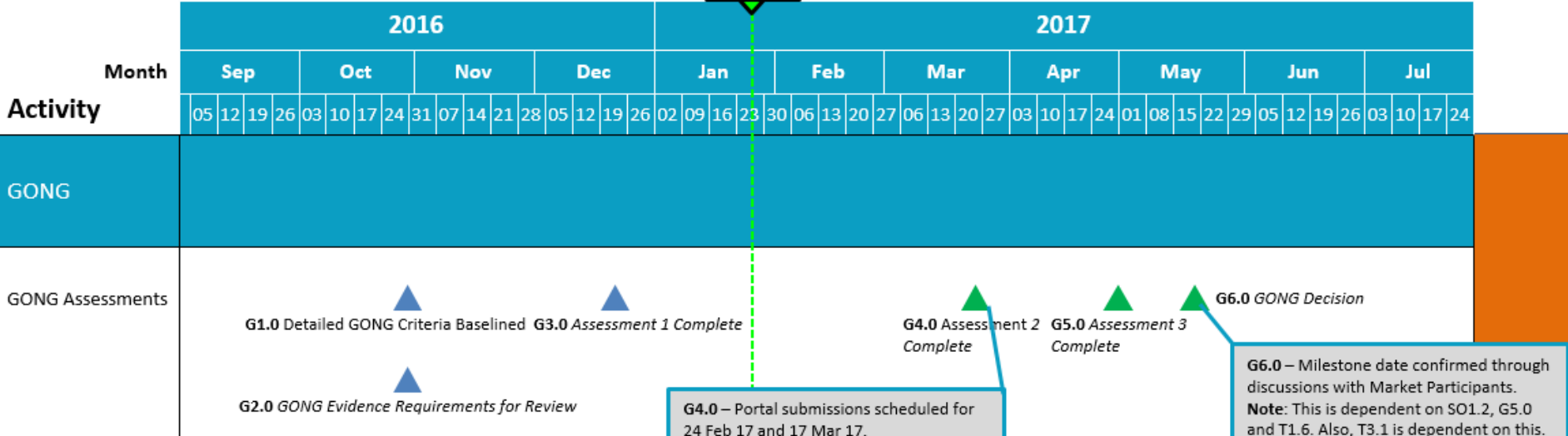
**Remediation Action:**  
Xoserve Transition and Cutover team are developing a paper which will be brought to the TPG on the 07 Feb 17 to close out the key outstanding questions for Catch-up Batch. Xoserve are to investigate what is the technical impact for catch up batch if a Market Participant submits more than 9 days worth of files for catch up (i.e. the market participant has cutover before the start of the NED period). It is noted that one of the principles for catch up has been that Market Participants operate to normal behaviour. Cutting over early and generating files before the NED period would contravene this principle.

- Upcoming activities:**
- Contingency Planning Working Group is scheduled for 01 Feb 17 to close out remaining system contingency incidents.
  - Development of an industry transition dashboard to support monitoring of the industry during the cutover period.
  - Produce a document to illustrate the working of the Catch-Up Batch process.

- TPG Key Messages:**
- The LLTD has been baselined as the structure is now fixed. Any outstanding actions will be included within an interim release at the next TPG.
  - Two new TPG product are to be developed; a consolidated industry cutover plan identifying Market Participants' activities alongside key Xoserve milestones and a transition dashboard which can be used to track cutover progress across the industry.
  - Hypercare subgroup workshop (w/c 13 Feb 17) with Xoserve to confirm any assumption made so far.

# GONG Workstream Plan

Today



**G4.0** – Portal submissions scheduled for 24 Feb 17 and 17 Mar 17.  
**Note:** This is dependent on MT2.6, T1.4.

**G6.0** – Milestone date confirmed through discussions with Market Participants.  
**Note:** This is dependent on SO1.2, G5.0 and T1.6. Also, T3.1 is dependent on this.

**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 @ 26 Jan 17

**Sponsor:** Jon Dixon

**PMO:** Melisa Findlay

**End Date:** 01 Jun 17

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

**Achievements since last PNDG:**

- GONG Final Decision milestone date review has completed (see next slide for detailed analysis).
- Targeted follow up commenced and 'Single Point of Contact' approach established.

**Overall RAG Commentary:**

RAG status is rated as Amber / Green. Targeted follow up has started. Calls with 32 Market Participants (MP's) have been scheduled aiming to understand current status on 'Amber' criteria reported at the G1 assessment and the effectiveness of actions taken. In addition, the 'Single Point of Contact' approach has been introduced and an appropriate cadence of meetings (inc. site visits) is being established to support MP's at G2/G3. Finally, the Go Live Date review determined that 19 May 17 milestone is appropriate however, a strong steer on the likelihood of a 'No Go' decision needs to be provided as part of the G2 and G3 assessments.

**Remediation Action:**

- Complete targeted follow up and report any further issues to the appropriate cross industry working group or governance forum.
- Develop industry cutover governance activity on a day by day plan and identify key inputs to upcoming decision milestones. Target IDR2 to trial the approach.

**Upcoming activities:**

- Continue targeted follow up in January 2017 and report to the PNSG on 20 Feb 17.
- Prepare for the G2 Assessment on 24 Mar 17 (Submissions required on 24 Feb 17 and 17 Mar 17).

**Key Messages:**

'Single Point of Contact' approach has been launched. Market Participant support in this is appreciated and we will endeavour to limit the impact on resources by combining activity where possible.

# Confirmation of final GONG Date

PwC were asked to assess the suitability of the Go Live Decision Milestone on 19 May 17 based on the commencement of irreversible cutover activity. Based on the responses received it is proposed that the 19 May 17 date is retained for the Go Live Decision milestone

24

Market Participants provided a response by 20 Jan 17 (91% Market AQ)

22

Market Participants indicated that irreversible cutover activity commenced on/after 19 May 17 (89% Market AQ)

02

Market Participants indicated that irreversible cutover activity commences on 1 May 17 (2% Market AQ)

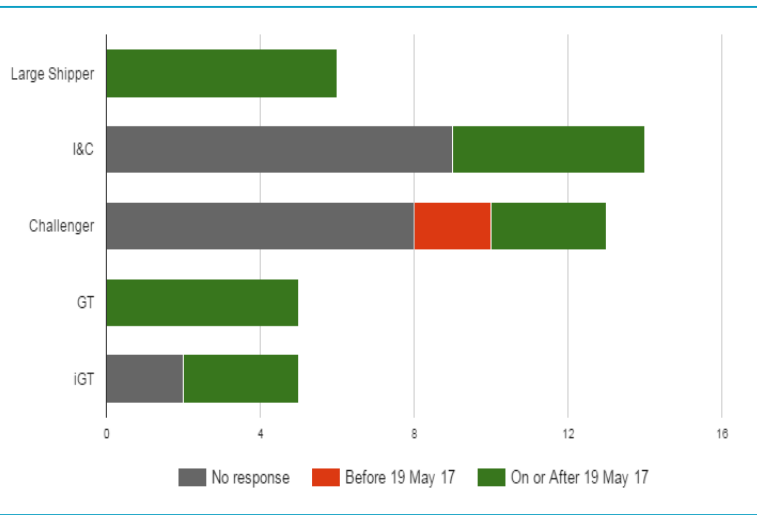
19

Market Participants did not respond (9% Market AQ)

### Commentary and key feedback:

- 24 of 43 Market Participants provided a response (91% Market AQ). This is lower than prior assessments however does represents an appropriate level to base a recommendation.
- 2 Participants stated that they commence irreversible cutover activity on 01 May 17 and would be adversely impacted by a 'No Go' decision on the 19 May 17. Through the GONG process PwC will work with these participants to understand how this risk can be mitigated.
- Whilst the 19 May 17 Go Live Decision is seen as the absolute cutoff for 24 participants, it is noted that a 'No Go' at this stage would incur cost, resource and release planning impacts. As a result the Market need a strong steer from the G2 and G3 assessments as to the likelihood of a 'No Go' on 19 May 17.

### Go Live Date Suitability Assessment by Sector:



### Proposal:

The proposal is to retain the current Go Live Decision Milestone on 19 May 17 noting:

1. Two Market Participants will require support through the GONG process following 01 May 17 in order to mitigate risk of commencing irreversible cutover activity.
1. The G2 and G3 assessments are critical in providing early visibility of any potential 'No Go' position on the 19 May 17 in order to limit the impact on Market Participants.

# Update on RIAG Session

## Meeting on 19 Jan 17

- Inflight Testing
- Catch up Processing
- Objection Window during Non-Effective Days

## Key Milestones Impacted

- Pre IDR2 Inflight Transaction Testing Complete (D1.5)
- IDR2 Complete (T1.5)
- Catch Up Batch (T3.4)
- NED milestones (T3.1, T3.2)
- Regression Complete (MT2.6)

## Next meeting on 09 Feb 17

- Key programme risks including cumulative risk assessment to programme
- Risk log refresh including deep dive into risk log and

## Theme – Transition

### Inflight Testing

- Inflight sub-working group will be established to help Xoserve with testing scope and defect prioritisation. The first session is scheduled for 25 Jan 17.
- Ofgem and Xoserve should develop guidance to participants around minimising inflight transactions during the cutover. This will be developed through the inflight sub-working group and introduced during PNSF on 17 Feb 17.

### Catch up Processing

- RIAG requested TPG to consider the possibility of allowing organisations to submit and have processed ‘pipe cleaning’ files at the start of the catch-up process. This would reduce the risk of a participant sending files with systemic issues and being unable to address the rejections until after all files had failed processing.
- RIAG requested that clarity is provided on the issues resolution process (including the need for any emergency UNC modifications) during the cutover process. Ofgem and PwC agreed that the definition of this will be included in the work ongoing to define cutover governance.
- RIAG requested that the contingency playbook should include a scenario for the catch-up batch extending beyond the timelines planned.

### Objection Window during Non-Effective Days

- Two day objection window is the smallest window that can be supported by Xoserve and this is currently out for consultation with industry for planned decision.
- RIAG requested that Xoserve report on the reasons for the disconnect between Xoserve and WiPro on objection window issue.

### Communications

- Ofgem to send a letter to shippers and suppliers stressing the requirement that they act in accordance with the principles agreed for the transition phase agreed by the TPG. Also stress that the first point of contact for Suppliers regarding any questions is their Shipper.

### Areas not testing in Market Trials

- RIAG requested that MTWG analyse the list in more detail to provide an update to PNDG/RIAG. The priority in this analysis is the ‘Correct ASP Short Codes’ item as this was regarded as potentially having the most impact.

### Next RIAG

- A full review of programme risks focusing on those that have the true potential to derail a 01 Jun 17 PNID.

# 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 MT3.0. 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	MT 2.6 Regression Complete	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.			☒	☒	PMO and Xoserve	12
3	R071	T3.3 Nexus Implementation Date	There is a risk around the generation and delivery of the IIL file to iGTs.  (i) 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. (iiii) There is a risk that the IIL file for iGTs is generated successfully, but Xoserve unable to transfer to iGTs via I	A174 A175 A176 A177	☒	☒		TPG	12
4	R072	T3.3 Nexus Implementation Date	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.			☒		Xoserve	12
5	R073	D3.5 T-Rule Compliance Plan Complete (iGT Data)	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.

# Summary of Risks and Issues

#	ID	Milestone Date	Description	Mitigation Action	Mkt Part.	Xoserve	PwC	Other	Rating
6	R074	D3.5 T-Rule Compliance Plan Complete (iGT Data)	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
8	R076	T3.3 Project Nexus Implementation Date	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	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.
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# Action Log

Action #	Action	Progress	Owner	Status	Due	Forum
A174	Xoserve to consider delivery of IIL file for testing prior to Go Live, with consideration given to whether it is possible to deliver as part of Regression Testing or as part of IDR2.	The option to issue an ILL as part of IDR2 is being investigated. The investigation so far will be discussed with the SSP representatives in the meeting scheduled for 27 Jan 17, a new target date will be confirmed after this. <b>Proposed to change date</b> to 27 Jan 17.	Xoserve		22 Dec 16 → 27 Jan 17	PNDG
A175	Xoserve to deliver Final IIL far enough ahead of Go Live in order to undergo full reconciliation.	The options to support an IIL before go live are being investigated. The investigation so far will be discussed with the SSP representatives in the meeting scheduled for 27 Jan 17, a new target date will be confirmed after this. <b>Proposed to change date</b> to 31 Jan 17.	Xoserve		27 Feb 17 → 31 Jan 17	PNDG
A176	TPG and Xoserve to determine how they would manage feedback by IGT where the IIL structure/data isn't as it should be.	<b>Proposed to close</b> given A175.	TPG and Xoserve		27 Feb 17	PNDG
A177	TPG to assess potential for contingency alternatives agreed between all IGTs in the event that the IIL file is not delivered to IGTs via IX.	<b>Propose to amend</b> the forum for discussion as SSP IGT forum rather than TPG.	TPG and Xoserve		27 Feb 17	PNDG
A178	PwC and Xoserve to report on testing of IDL/IQL file testing in Regression Testing (Sc 20) at PNDG throughout RT phase	<b>Propose to close.</b> This has been incorporated into MT Regression dashboards and PwC / Ofgem Account Managers follow up directly with IGTs as required.	PwC and Xoserve		27 Feb 17	PNDG
A194	Consider how to improve feedback from RIAG to PNDG	<b>Propose to close.</b> RIAG slides for PNDG prepared at the end of each meeting and briefing given to PNDG as a standing agenda item.	Ofgem		02 Feb 17	PNSG
A198	Agree with Scottish Power two new risks to be managed through the programme's risk management process covering: - Risk of the requirement for slots to be assigned during catch-up batch - Risk to catch-up batch timescales of shippers cutting over early.	<b>Propose to close.</b> Scottish Power and Ofgem held Telcon to work through overarching risks regarding catch up options. Agreed that the most appropriate forum to log these risks was the TPG and confirmed that this was on the agenda for the TPG on 24 Jan 17	Ofgem		14 Feb 17	PNSG



# Action Log

Action #	Action	Progress	Owner	Status	Due	Forum
A199	Ofgem are to write a letter to Market Participants regarding their anticipated behaviour during the transitional phase and how this impacts their volumes of transactions over the cutover period.	Ofgem have drafted the necessary communications which are undergoing review by Xoserve. This is anticipated to be communicated with Industry prior to 31 Jan 17 with a request to have feedback by 07 Feb 17. <b>Propose to amend target date to 13 Feb 17</b> to allow time for feedback to be collated.	Xoserve		28 Feb 17 → 13 Feb 17	RIAG
A200	Xoserve to develop a draft release plan for anticipated deployment of defects etc post 01 May 2017.	Update to be provided to PNSG 20 Feb 17 by Xoserve.	Xoserve		30 Mar 17	RIAG
A201	On the basis of Xoserve and industry's anticipated testing, Xoserve to develop a proposal for a fit for purpose environment.	<b>Propose to close.</b> PIS environment proposal circulated early Jan to Market Participants.	Xoserve		15 Apr 17	RIAG
A202	Xoserve to propose a process for the governance of defect releases in the post- Go Live context. This is part of a broader risk with respect for the need for clarity on governance in the post Go-Live context.	Update to be provided to PNSG 20 Feb 17 by Xoserve.	Xoserve		15 Apr 17	RIAG
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.	<b>Propose to close,</b> although a July timetable may derisk the back to back nature of IDR2&3, IDR1 served its purpose by identifying all preventable incidents. These have been corrected and have or are being tested to ensure minimal risk entering IDR2 and IDR3	Xoserve		10 Jan 17	TPG
A212	Provide a plan setting out the steps to deliver a regression test pack (including any input from participants). Propose a new milestone on the POAP for this test pack.	<b>Propose to close,</b> A decision slide has been created for the PNDG to endorse the addition of MT2.7 - Standard Xoserve Regression Test Pack complete for completion by 24 Feb 17.	Xoserve		23 Jan 17	PNSG
A216	TPG to confirm with Xoserve and PwC around the anticipated flow rate post go-live.	<b>Propose to amend action,</b> following confirmation of Day 1 volumes TPG are to follow up with mitigating actions on Go Live - Link to A199. <b>Propose to amend target date to 20 Feb 17.</b>	TPG		07 Feb 17 → 20 Feb 17	PNDG

# Action Log

Action #	Action	Progress	Owner	Status	Due	Forum
A217	Matt Adams to provide information regarding the iGT Data defects, detailing if these are internal to Xoserve or external. The due date for this action is 25 Jan 17.	<p>iGT defects as noted in the last PNDG pack include:</p> <ul style="list-style-type: none"> <li>• 12 External that are with Industry awaiting cleanse</li> <li>• 39 Internal                             <ul style="list-style-type: none"> <li>○ 12 Data Quality</li> <li>○ 27 Data Migration</li> </ul> </li> </ul> <p><b>Propose to close.</b></p>	Baringa		25 Jan 17	PNDG
A220	Consider bringing the TPG communications strategy to the next full PNSG and PNDG.	<b>Consider as an agenda item</b> for 14 Feb 17 PNDG and 20 Feb 17 PNSG.	Ofgem / TPG		20 Feb 17	PNSG / PNDG
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 daily produced IDL failed in MT for a number of days. Xoserve provided a single IDL for all the days when the file failed. The data contained was time stamped so records could be loaded to participant systems in the correct date order. iGTs asked that Xoserve provide separate IDLs for each day that the file wasn't produced. Xoserve then produced a daily IDL file for every day of the failure as part of MT. A CR was raised to amend the way IDL to be daily files for New UK Link. However the current request from iGTs is for a single IDL catch up file in a failure scenario, i.e. the existing solution. At the meeting with iGTs on 27th Jan a definitive position will be confirmed if the CR we have outstanding is not required and the current IDL solution is retained.	Xoserve		09 Jan 17 → 16 Jan 17	PNDG

# Appendices

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# 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"> <li>TBC</li> </ul> <p style="text-align: center;"><b>Complete</b></p>	<ul style="list-style-type: none"> <li>Inflight transactions</li> <li>Catch up processing</li> <li>Objection Days during cutover</li> <li>Areas outside of scope of MT</li> </ul> <p style="text-align: center;"><b>Complete</b></p>	<ul style="list-style-type: none"> <li>Key programme risks including cumulative risk assessment</li> <li>Risk log refresh</li> </ul>	<ul style="list-style-type: none"> <li>Participant data readiness</li> <li>Disengaged Market Participants</li> <li>New market entrants framework</li> </ul>	<ul style="list-style-type: none"> <li>Assumptions check in</li> <li>Project Nexus in wider industry</li> </ul>

## PNDG Meeting Focus

13 Dec 16	17 Jan 17	31 Jan 17	14 Feb 17	14 Mar 17
<ul style="list-style-type: none"> <li>Programme Update</li> <li>Workstream Update</li> <li>Code Stability</li> </ul> <p style="text-align: center;"><b>Complete</b></p>	<ul style="list-style-type: none"> <li>Programme Update</li> <li>Workstream Update</li> </ul> <p style="text-align: center;"><b>Complete</b></p>	<ul style="list-style-type: none"> <li>Programme Update</li> <li>Workstream Update</li> <li>PNSG Feedback</li> </ul>	<ul style="list-style-type: none"> <li>Programme Update</li> <li>Workstream Update</li> <li>Face to Face session</li> </ul>	<ul style="list-style-type: none"> <li>Programme Update</li> <li>Workstream Update</li> </ul>

## PNSG Meeting Focus

19 Dec 16	09 Jan 17	6 Feb 17	20 Feb 17	29 Mar 17 (TBC)
<ul style="list-style-type: none"> <li>Programme Update</li> <li>Workstream Update</li> </ul> <p style="text-align: center;"><b>Complete</b></p>	<ul style="list-style-type: none"> <li>INTERIM</li> <li>GONG Assessment 1</li> <li>Contingency Checkpoint 2</li> </ul> <p style="text-align: center;"><b>Complete</b></p>	<ul style="list-style-type: none"> <li>Programme Update</li> <li>Workstream Update</li> <li>Contingency CP 3</li> </ul>	<ul style="list-style-type: none"> <li>Programme Update</li> <li>Workstream Update</li> </ul>	<ul style="list-style-type: none"> <li>Programme Update</li> <li>Workstream Update</li> <li>GONG Assessment 2</li> </ul>

## PNSF Meeting Focus

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



# CSA Programme Board Report

## UK Link Programme

**Client:** Xoserve  
**Date:** 25 Jan 17  
**Version:** V\_0.3

Reputation built on results

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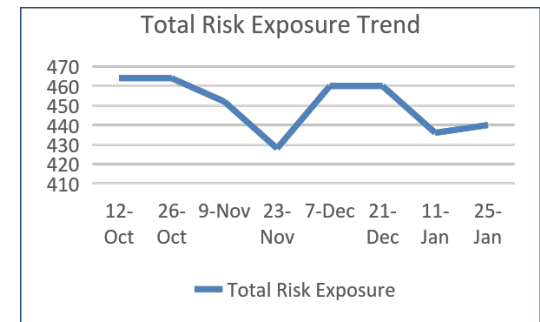
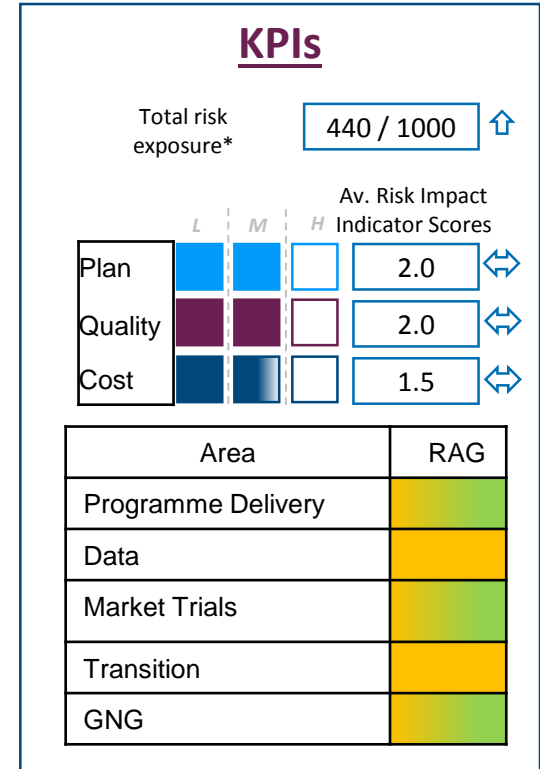
- ▶ The Programme status remains **Green/Amber** this period with a minor increase in the overall risk profile. Data activities ahead of IDR2 have tracked to plan yet validation results are beginning to identify defects e.g. Bulk 2, with analysis and fix options required

## KEY RISK AREAS

- ▶ Programme Delivery – Resource constraints impacting implementation and business readiness focused activities
- ▶ Data – Defects raised through validation remain a risk for iGTs and Bulk 2 validation
- ▶ Market Trials – Identification of further functional change during MT Regression
- ▶ Transition – inflights remains a challenging area with a very constrained delivery timelines and some elements of scope confirmation required

## KEY MITIGATION ACTIONS

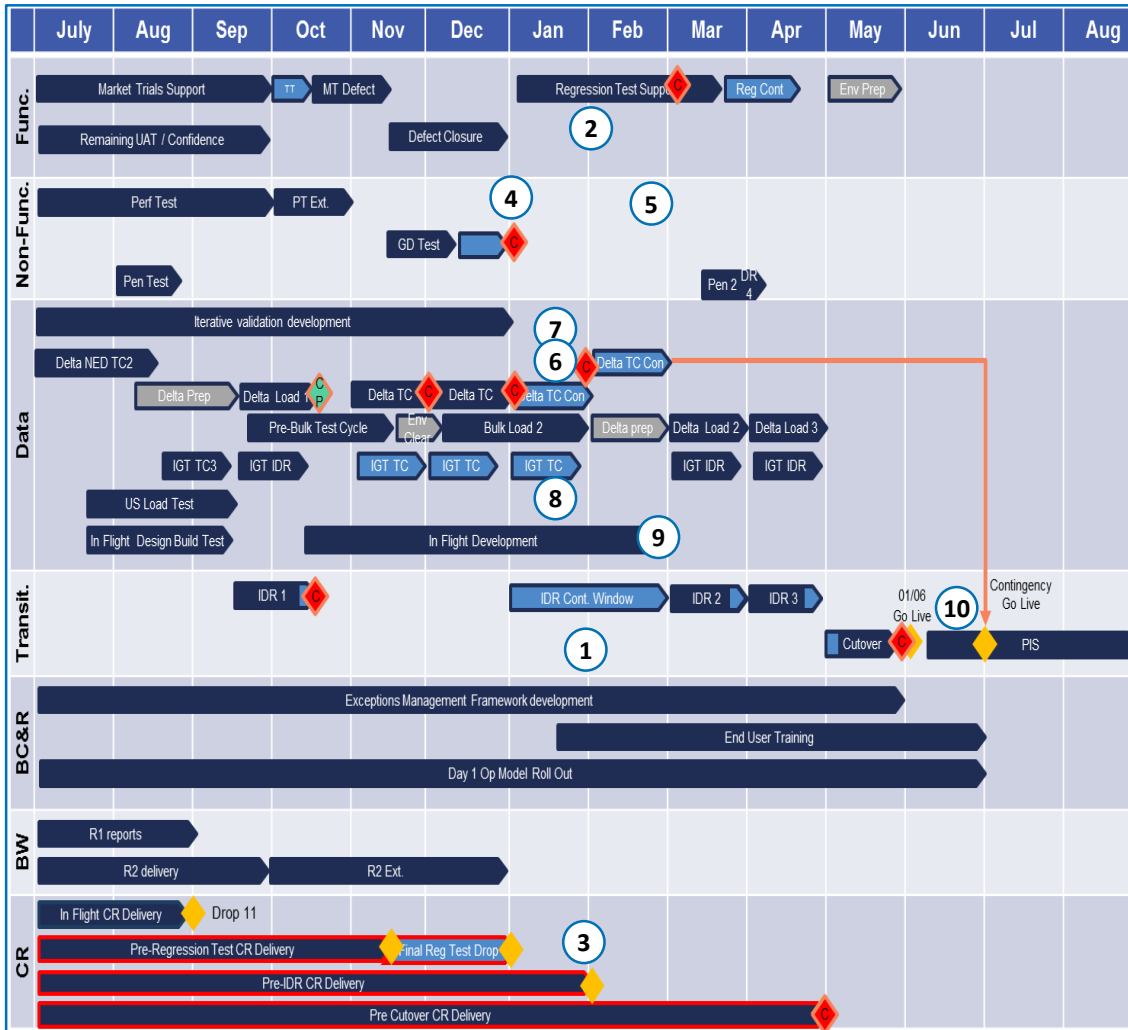
- ▶ Undertake a cross work stream resource planning session to assess how the IDR2 resource ‘pinch point’ can be managed most effectively
- ▶ Increase stringency of RCA, profiling and prioritisation (manual if required) to ensure data defect fix efforts are focused on high impact defects and regression issues are avoided
- ▶ Agree via programme governance data defect fix mechanisms permissible for Production issues
- ▶ Baseline the scenarios list for inflights via appropriate industry governance – seeking options where possible to deprioritise ‘fringe’ scenarios



# Read 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.



ID	Risk Description
#01	<b>Resource assignment &amp; levelling</b> – Resource mgmt. processes need to support a shift in programme focus towards implementation activities
#02	<b>Late identified functional change</b> – there is a risk that 'must have' functional changes (defects or CRs) may be identified during MT regression
#03	<b>CR delivery</b> - There is a risk that parallel delivery pressures will impact the delivery of CRs that are required to achieve go-live readiness
#04	<b>Overall non functional test close out</b> Outputs of GDT need analysis to determine whether additional NFT confidence testing is required. NFR traceability also needs finalising
#05	<b>Environment plans for the remainder of Programme and beyond need review</b> to ensure that all activities are adequately covered (e.g. Smart integration test, R2)
#06	<b>Data validation</b> – 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	<b>Delta Data Migration Solution Delivery</b> – 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	<b>iGT migration solution</b> – Load performance is now aligning with the revised NED window yet defect rates remain high and may rise further once a full AV solution is run on the iGT data set
#09	<b>In flights</b> - In flight development contains limited/no contingency ahead of IDR2
#10	<b>Day 1 Exceptions Handling</b> – There is a risk that Xoserve is underprepared to handle 'Day 1' exceptions, leading to SLA breaches

# *Hot Topic*

## *Inflights*



---

# xserve



respect > commitment > teamwork

# Background

- TPG updated on 8<sup>th</sup> November with inflight outcomes seen in IDR1 (6 critical scenarios tested related to GT\* scenarios).
- Xoserve signalled its intention to develop a plan to retest all aspects of In-flights prior to IDR2.
- Xoserve updated Nexus Programme in December that In-flight testing planned to conclude on 27<sup>th</sup> February; and
- committed at RIAG to provide an update on progress at end of January.
  
- In the meantime, outcome of Design, Build and Unit Test GT activities highlighted some key challenging processes for in-flights that were raised at RIAG on 19<sup>th</sup> January.

*\* NB: This relates to Supply Meter Points on a GT Network; “iGT scenarios” relate to Supply Meter Points on an iGT Network.*

# Key Challenging Processes: Mitigation Actions

- Discussed at RIAG on 19<sup>th</sup> January.
  - Sharing Key Challenge Processes.
- Agreement to form an In-flights Group to discuss the issues collaboratively; and identify acceptable solutions.
- In-flights Group met at short notice on 25<sup>th</sup> January.
  - DN/iDN/Shipper attendance alongside Xoserve, Ofgem and PWC.
  - Attendance open to interested participants.
- Actions agreed – including further mitigation actions.
  - *Xoserve will provide a more detailed breakdown of the individual scenarios and likely numbers of in-flights historically associated with each of the scenarios prior to the next In-flight Group meeting.*
  - *Xoserve has co-located its teams in India from 30<sup>th</sup> January.*
  - *Commitment to work collaboratively with participants in the In-flight Group through the In-flight testing window – including to prioritise defects.*
  - *Xoserve will continue to prioritise Change of Supplier UAT within the In-flights test plan owing to its criticality for the industry.*

# Key Challenge Processes (Shared with In-flights Group on 25/1/17)

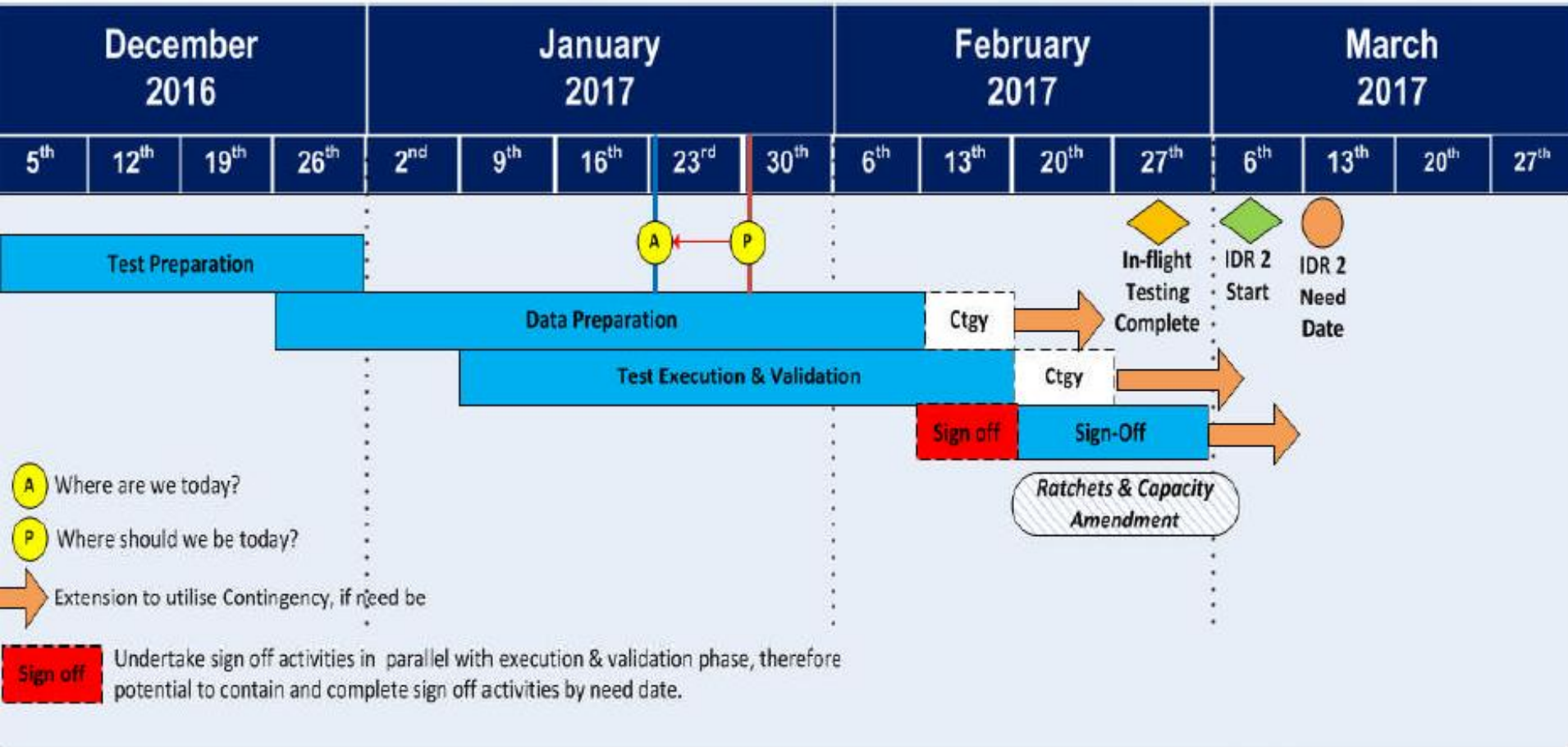
#	Description
1	<b>Unique Sites (Change of Supplier):</b> Inflight transaction capture, design and build for Unique sites is complex owing to every “unique site” site having it’s own UNC rules for confirmations.
2	<b>Ratchets:</b> Inflight transaction capture, design and build for Ratchets is complex.
3	<b>Capacity Amendments:</b> Related to DM sites only via .SPC file.
4	<b>Change of Supplier:</b> Inflight transaction capture, design and build for iGT and GT sites is complex owing to multiple variances (e.g. Objections, Vol WDs) and total time the end to end process operates.

***NB: Reduce” or “Remove” impacts have been limited so far especially with regard to Legacy system.***

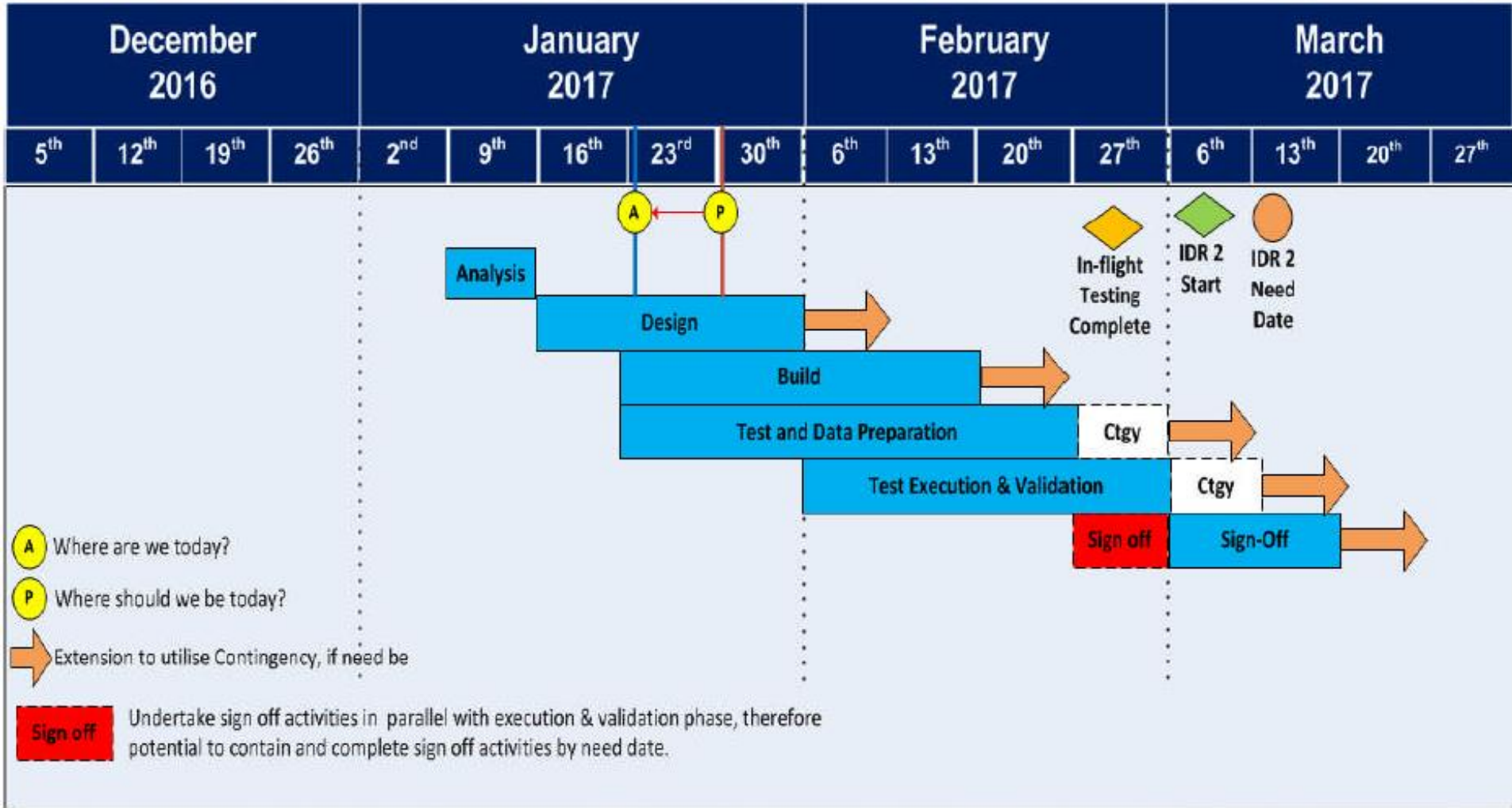
# Advantages to the In-flight Testing Plan of Removing Key Challenge Processes

- Key Challenge Processes are positioned later in the In-flight testing plan – recognising their relative priority/magnitude.
- Xoserve's "need date" for In-flight testing completion is 13<sup>th</sup> March to support IDR2 testing of In-flights.
- Removing Key Challenge Processes (items 2 & 3) supports the completion for GT scope of In-flight testing by 6<sup>th</sup> March (*including* contingency).
- There is still a risk that the plan for iGT may extend beyond 6<sup>th</sup> March, but achievable for need date 13<sup>th</sup> March.
  - Following tactical measures to improve performance (e.g. co-locating teams with our offshore partners and learning from GT plan execution) Xoserve is carrying out an internal Check Point 3<sup>rd</sup> Feb, prior to a final assessment end next week: 10<sup>th</sup> Feb before confirming iGT plan.

# GT High Level Plan



# iGT High Level Plan



respect > commitment > teamwork

# Scope of Inflight Testing in IDR2 & IDR3

GTs In-Flights			
Business Processes	Process Variants	Sub Process	No. of Scenarios
		(In-Flight Migration for)	
In-Flight Transfers	Shipper Transfers	Confirmation in RQ	1
		Confirmation in RQ with objection	1
		Confirmation in RQ with objection cancellation	1
		Confirmation in CO	1
	Greenfield Confirmations	Confirmation in RQ	1
		Confirmation in CO	1
	Voluntary Withdrawal	Withdrawal for Isolated site	1
		Withdrawal for non isolated site	1
Supply Point Amendments	MRF Change	MRF Change	1
	MRF Change (With transfers)	MRF Change (With transfers)	1
	Contact changes	Contact changes - (CNC)	1
Contact changes - (EMC)			
In-Flight Transfer Reads	Transfer pre NED	Transfer pre NED	1
	Transfer during NED	Transfer during NED	1
Filter Failures (USRVs)	USRV Contact	USRV contact overridden by Consumption Adjustment from CMS	1
		USRV overridden by Consumption Adjustment from ISU Screen	1
Capacity Revisions	Cap. increase (No transfers)	Cap. increase (No transfers)	1
	Cap. increase (With transfers)	Cap. increase (With transfers)	1
In-Flight Ratchets	Ratchet effective post Go-Live	Ratchet effective post Go-Live	1
	Ratchet Cancellation	Ratchet Cancellation post Go-Live	1
	Ratchet with Shipper Transfer	Ratchet with Shipper Transfer	2
	Ratchet with capacity amendment	Ratchet with capacity amendment	2
	Seasonal Large Supply Point (SLSP) site ratchet in Restricted Capacity Period (RCP)	Seasonal Large Supply Point (SLSP) site ratchet in Restricted Capacity Period (RCP)	1
<b>Total</b>			<b>24</b>



# Scope of Inflight Testing in IDR2 & IDR3

iGTs In-Flights			
Business Processes	Process Variants	Sub Process	No. of Scenarios
		(In-Flight Migration for)	
In-Flight Transfers	Shipper Change	Greenfield Confirmations	2
		Shipper Transfers	4
		Voluntary Withdrawal	1
In-Flight Transfer Reads	Transfer pre NED	Transfer pre NED	1
	Transfer during NED	Transfer during NED	1
<b>Total</b>			<b>9</b>

Unique Sites In-Flights			
Business Processes	Process Variants	Sub Process	No. of Scenarios
		(In-Flight Migration for)	
In-Flight Transfers	Shipper Transfers	Confirmation in RQ	1
		Confirmation in RQ with objection	1
		Confirmation in RQ with objection cancellation	1
		Confirmation in CO	1
	Greenfield Confirmations	Confirmation in RQ	1
		Confirmation in CO	1
	Voluntary Withdrawal	Withdrawal for Isolated site	1
In-Flight Ratchets	Ratchet effective post Go-Live	Ratchet effective post Go-Live	1
		Ratchet Cancellation	1
	Ratchet with Transfer	Shipper Transfer occurring ahead of Ratchets	1
		Ratchet occurring ahead of Shipper Transfer	1
<b>Total</b>			<b>11</b>

# Next Steps

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- Ongoing discussion on de-scoping In-flights Testing for:
  - Ratchets
  - Capacity Amendments
- Xoserve to define, build and test a “bespoke/manual” solution for Unique Sites.
- Next meeting scheduled for [10<sup>th</sup> February].
  - Discussion on defects from In-flights Testing and mitigation actions discussed
  - Actions tracked in the meantime.
- If market participants are interested in participating in discussion please contact Nicola Garland – Ofgem.
- PNDG to receive updates on testing progress within the slide deck.

# Info Only: Slide Provided to TPG in November 2016

## 21 Day Plan – Issues Encountered (2)

The following impacted the execution of Business Scenarios (including In-flights):

Number	Issue	Next Steps
3	CMS – it was not possible to execute some of the business scenarios due to data defects	Plan is in place to resolve the data defects across all relevant Meter Points for IDR2
4 and 5	In-flight – data activities within the Legacy system were successfully executed; however there was only partial success in SAP ISU due to data migration issues and timeliness of manual transaction flows	Carrying out a detailed lessons learnt and will develop a plan to re-test all aspects of in-flights prior to IDR2
6	Restricted DN Link (Legacy) – it was identified that one of the screens could still be accessed and subsequently updated	The solution is to be refined and tested prior to IDR2
7	The scenario in respect of the CON file could not be fully completed. SAP successfully generated CON file; however Gemini was unable to process the file due to data migration issues.	Plan is in place to resolve data defects.
8	Data for Unique Sites was loaded successfully in SAP. However, the close out activity required for Gemini and Unique Sites did not complete fully.	Plan is in place to resolve data defects.



*This document has been prepared by PwC only for Ofgem and solely for the purpose and on the terms agreed with Ofgem in PwC's statement of work (of 1 August 2016, Spec 7, and subsequently 1 November 2016, Spec 8) as part of PwC's call-offs under the framework agreement dated 11 April 2016 and extended on 2 December 2016. PwC accept no liability (including for negligence) to anyone else in connection with our work or this document*