

Project Nexus Steering Group [PNSG]

[Full Report]

02 March 2017

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>

PNSG Programme Summary

Overall Summary: The Programme RAG has returned to Amber reflecting the level of risk across each of the workstreams. **Solution Delivery** continues to track Amber / Green as a result of the need for confirmation of industry volumes post Go Live (in order to verify performance results). **Market Trials** continues to track as Amber / Green. Although testing is slightly behind schedule, positive progress indicates that Market Participants can recover this position and the majority will complete testing prior to 24 Mar 17. **Data** is rated as Amber due the risk around the solution for In Flights and inconsistency between Shippers and iGT data. **Transition** remains at Amber due to the dependency of IDR2 on In Flight testing and general workload that must be managed in the run-up to IDR2. **GONG** is currently Amber / Green reflecting the maturity of Market Participants approach to transition planning.

Status  **Trend (from last PNSG)** 

 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
  Improvement since previous report
  No Change in Status
  Degradation since previous report

	 Solution Delivery 	 Market Trials 	 Data 	 Transition 	 GONG 
Commentary	<p>The rating of this workstream remains Amber / Green due to an outstanding requirement for industry to provide their projected post Go Live volumes to confirm performance testing results are adequate.</p> <p>Industry Day 1(post Go Live) volume information has been pending since 22 Nov 16 (TPG Action 351), commercial sensitivity has been cited as the reason information has not been provided. An alternate approach to gathering information that can be extrapolated to project post Go Live volumes is being developed by Xoserve and trialled with one participant to assess feasibility.</p> <p>All milestones in this workstream have been completed.</p>	<p>Market Trials is rated as Amber / Green. There was a relatively strong start to the phase in terms of test completion and participants have generally been well engaged. Test completion had dropped slightly behind plan in w/c 28 Jan 17 but has improved over the past week.</p> <p>There are a number of key areas that require focus across the industry to maintain momentum towards completion of the phase. These include: resolution of remaining issues with iGT Portfolio Reports (IDL file); testing of January invoices; continued pro-active engagement with partners; and resolution of some organisational specific issues (e.g. patching, internal defects). At this stage these areas of focus are considered manageable and are not expected to impact completion of the phase by 24 Mar 17.</p> <p>Organisations should continue to drive completion of their testing by 24 Mar 17 and escalate any issues or challenges to their MT Regression PwC / Ofgem Account Manager. Market Participants will be required to demonstrate a strong business case to enter the contingency phase.</p>	<p>Bulk data migration complete with no defects. Auto-validation on iGT data load has identified similar levels of defects to bulk and delta when they were at the same stage of testing.</p> <p>The workstream remains Amber for two reasons: (1) In Flight testing is not complete and, (2) inconsistencies on iGT data between shippers, iGTs and Xoserve have not been sufficiently resolved.</p> <p>The In Flight working group has agreed priorities. Voluntary withdrawals and ratchets have been removed from scope and the solution for Unique Sites will be managed separately. This has resulted in a plan to complete In Flight testing required for IDR2 by 13 Mar 17. Testing that is pushing up against this date has been assessed as low priority.</p> <p>The true extent of iGT data inconsistencies is obscured because by the time the data has been made available to shippers, the actual position has moved on. A mini-DMG is planned for 09 mar 17 to reduce uncertainty and develop a clearer resolution path.</p>	<p>The workstream remains Amber primarily due to the dependency on provision of required In Flight solutions for entry into IDR2 which could affect the IDR2 completion date (T1.5).</p> <p>There has also been a concern that organisations cutting over early may inflate catch up volumes (T3.4) and delay industry return to BAU on the 06 Jun 17. Ofgem has gathered cutover plans from Market Participants and Xoserve has planned an activity post IDR2 to extrapolate the catch up information to test whether the early cut over of a limited number of participants can be supported in the existing catch up window with a contingency factor for fluctuations in activity.</p> <p>The other factor driving the Amber status in this workstream is the intensity of the remaining planned activity in the run up to go live.</p> <p>IDR2 preparation is on track.</p>	<p>RAG status is rated as Amber / Green.</p> <p>Regular contact with Market Participants (MP) has continued and engagement has been good.</p> <p>The G2 assessment submissions from 23 Feb 17 have been analysed and an initial analysis is provided later in this report.</p> <p>The single point of contact approach will continue and issues raised as part of the G2 submission will be discussed with each Market Participant.</p> <p>The programme of site visits has commenced and will be used to gain further insight on any specific remediation actions that may be required as well as start the assurance activity required over the G2 Assessment.</p>

Programme Risk Landscape

Area	Milestones	Risks	RAG	Trend	Outlook	Status	Potential impact
Market Trials Regression - Ability to complete to schedule	MT2.6	R68 R69 R70 R94 R95 R96 R97	Amber/Green	↔	↔	Progress remains broadly on track though is showing some slippage. Majority of testing is projected to complete by MT 2.6. Where participants are projecting testing beyond that date PwC are working with them to identify mitigating actions. Any testing beyond MT 2.6 will need to be agreed on a case-by-case basis.	MTR contingency period is required. This will increase risk of Xoserve and participant transition due to parallelism. There is also a potential impact on code stability.
IDR – In flights - Ability to have inflight solution in place	D1.5	R88	Amber/Red	↔	↔	In flights working group formed and has made progress on de-scoping some in flights completely and prioritising in flights for IDR2. delivery continues by Xoserve with the In flights group ready to provide further input in any defect prioritisation.	Inability to run In flights during IDR2 or In Flights fail in IDR2. Potential go-live issue depending on customer impact.
Cutover file volumes - Clarity on volumes and procedures and volumes	T3.4	R78 R102	Amber	↔	↔ or ↑	Xoserve's cutover plans are based upon transaction sizing taken from prior years. Any upwards deviation could cause some processes to take longer than expected. Of specific concern is catch-up batch. Information has been gathered from participants to determine likely catch-up file volumes. This will be tested in IDR2.	Additional VNBDs may be required which would require urgent modification status.
IDR – Execution - Successful execution of IDR2 and 3	T1.5, T1.6, T3.5	R87 R91	Amber	↔	↔	IDR2 will be the first time since IDR1 that a full end-to-end rehearsal of the cutover will take place. IDR2 execution needs to be monitored closely.	Significant failures in IDR2 could result in an inability to correct prior to IDR3 and would undermine attainment of the GONG criteria around successful completion of IDR2 and 3. Potential go-live issue.
iGT Data reconciliation and T-rule compliance - consistency between iGTs/Shippers and Xoserve	D3.4	R73 R84	Amber/Green	↑	↑	The next monthly report up to end of February (issued end of March) is expected to show a decline in inconsistencies between iGTs and Xoserve. A special DMG has been called for w/c 06 Feb 17 to identify issues that remain.	Exceptions post go-live. However must be recognised that the data is already incorrect in the current system so in many cases there is already a customer impact.
↑ Improved/Improving ↓ Deteriorated/Deteriorating ↔ Stable							

Programme Risk Landscape

Area	Milestones	Risks	RAG	Trend	Outlook	Status	Potential impact
Cutover Files - Uncertainty over timing and format of some files produced during cutover	T3.5	R71 R92 R103	Amber/Green	↑	↑	This relates to two issues: the production of IIL files and the files identifying iGT inflights. On the former, an approach has now been agreed between Xoserve and the iGTs. On the latter a working group of iGTs, Xoserve and a subset of shippers is being scheduled.	Unlikely to impact go-live. Believe a solution will be found.
Participant readiness - readiness to operate	Post go-live	R85 R89 R90 R93	Amber/Green	↔	↔	Relates to the readiness of participants for go-live and their ability to support operations. This is being monitored through GONG for participants. Consideration is also being given to engaging directly with some energy suppliers who use a third party shipper.	Customers could be adversely impacted. Potential go-live issue depending on volume and impact.
Cutover coordination - industry coordination of cutover and cutover decision making	T3.5	R86 R98 R101	Amber/Green	↑	↑	An industry 23 day plan has been presented to TPG. This plan promotes a common interpretation of what is expected from participants during cutover. A go-live governance plan has been prepared showing the decision making process from IDR2 through to cutover. IDR2 and 3 entry/exit criteria have been presented to TPG. IDR0 has walked the cutover and tested contingency scenarios with participants and Xoserve. IDR2 and execution of the go-live governance plan during IDR2 and 3 is expected to result in this area's outlook improving.	Reactive changes to the 23 day plan may be required during cutover in order to resolve issues. This could include emergency requirements for additional VNDBs.
Xoserve post go-live operations readiness - readiness to operate new systems and processes	Post go-live	R75 R76 R100	Amber	↔	↔ or ↓	Work is required by Xoserve to quickly confirm arrangements for post go-live including releases, management, governance, processes, testing and post go-live support. Information is required from participants to confirm post go-live processing volumes.	Lack of Xoserve readiness could lead to a failure to meet GONG criteria Potential go-live issue.
Market trials not fully representative of production - Some functionality and data may not be fully tested in market trials	Post go-live	R52 R59 R74	Amber/Green	↔	↔	Functionality not tested has been collated and reviewed by MTWG, DMG has reviewed T-rules that were not applied during the MT data load. PwC will review use of dummy iGT test data as part of MTR Exit assurance. This area is now largely an inherent risk that must be accepted.	Exceptions could occur post go-live.
↑ Improved/Improving ↓ Deteriorated/Deteriorating ↔ Stable							

Decision – IDR2 Entry

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	Status	Due Date	Areas of Programme Affected	Comments	Outcome
D023	<p>IDR2 is planned to start on 06 Mar 17. Entry criteria has been established and this is outlined in the comments section.</p> <p>Ofgem issued an indicative decision on 28 Feb 17 outlining the position taken based on the information available at the time.</p> <p>This PNSG is asked to approve the entry to IDR2.</p>		02 Feb 17	Programme	<p>IDR2 Entry Criteria:</p> <ul style="list-style-type: none"> Bulk load (ISU) activities successfully completed (including Unique Sites) and test signed-off by Xoserve in readiness for IDR2. BW Bulk Data load (up to the staging layer as per the BW solution design) activities successfully completed and test signed-off by Xoserve in readiness for IDR2. Delta load (ISU) activities successfully completed (including Unique Sites) and test signed-off by Xoserve in readiness for IDR2. In-flight Data Transaction (GT) activities successfully completed and test signed-off by Xoserve in readiness for IDR2. iGT Migration activities successfully completed and test signed-off by Xoserve in readiness for IDR2. Delta BW Load activities successfully completed (including Unique Sites) and test signed-off by Xoserve in readiness for IDR2. All P1/P2 Defect issues found prior to IDR2 execution should be fixed / retested. Any unresolved P3 items will be documented, reviewed and risk-assessed in respects to proceeding into IDR2 without a fix. An approach has been defined and agreed via the appropriate governance forums for resolving any open data defects which will not be resolved prior to the start of IDR 2 Prep. Subsequent Fallout Report Template and generation defined and approved. Unique Sites activities successfully completed and test signed-off by Xoserve in readiness for IDR2. <p>PNSG to meet via telecon on 06 Mar 17 to confirm closure of all entry criteria.</p>	Pending PNSG Decision

Read

xserve



respect > commitment > teamwork

UKLP - PNSG Final IDR2 Entry Report

Executive Summary

- Continue to see an improved position day by day on the criteria RAG status for readiness
- All ISU Bulk Load activities have been completed successfully
- Low Level Cutover Plan is 95% complete; residual activities are due to be completed by 3/3/17
- All known data defects (prior to IDR2) have been resolved, or are planned to be resolved prior to IDR2 commencing
- Fallout management approach has been developed; to be base lined by 3/3/17
- The resourcing approach (for 24/7 working throughout the 23 day plan) has been defined; the final placements will be completed by no later than 3/3/17
- A consolidated communications approach has been developed; to be base lined by 3/3/17
- IDR Prep is still in progress (as planned) and is on critical path for IDR2 start. Contingency planning has been undertaken to assess the day by day impact to any slippage to the commencement of IDR2
- Further checkpoints have been arranged for 3rd, 5th and 6th March

Conclusion:

- **Based upon the above and current progress, Xoserve are ready to start IDR2 from 6th March 2017 as planned**

Entry Criteria - Summary Table

UKLP - IDR 2 Entry Readiness Criteria 28th February 2017

Categories	Number of Associated Criteria	RAG Rating - Red	Rag Rating - Amber	Rag Rating - Green	Complete - Blue
General	12		1	10	1
Data	12		6	4	2
Environments & Access Control	32			11	21
Planning	7		1	6	
Modifications	1			1	
TTODs & Business Transition	8			3	5
Testing	8			5	3
Total	80	0	8	40	32

Read Acceptance Criteria and Mitigation

	Acceptance Criteria	Reason for RAG	Mitigation
General	All required resources available with agreed R&R	Missed original target date	Programme Mgmt. to prioritise programme activities and assign dedicated resources Deploy 'plan B' alternative rotas
Data	Inflight Data Transactions (GT) completed, tested and signed off	Missed original target date	The Industry Inflight group have agreed to prioritise/limit to High & Medium TCs; on schedule to complete by 10/03
	Inflight Data Transactions (iGT) completed, tested and signed off	Missed original target date	The Industry Inflight group have agreed to prioritise/limit to High & Medium TCs; on schedule to complete by 10/03
	iGT migration activities completed and signed off	Missed original target date	Fix plan established, retesting in IDR2
	All P1/P2 defects found prior to IDR2 are fixed and retested	Missed original target date	All known data defects (prior to IDR2) have been resolved, or are planned to be resolved prior to IDR2 commencing
	An approach is in place for resolving data defects not resolved prior to IDR2 with the subsequent Fallout Report template and generation defined and approved	Missed original target date	No defects expected to be outstanding. Approach defined. Final review in progress to conclude 3/3/17.
Approved Low Level Cutover Plan for each data source (Delta, iGT etc.) with defined timelines & activity owners	Missed original target date	Data plan consolidated within the overall LLCP to be base lined by 3/3/17 (see below); finalised low-level data plans due 2/3/17.	
Planning	IDR plan approved and base lined	Missed original target date	Plan reviews & walkthroughs continue to progress to complete by baseline date of 3/3/17. 95% complete and static for some time; refinement of the remaining 5% (final dependency check) continues to plan (3/3/17).

Read



UK Link Programme Assurance Report: IDR2 Readiness Entry Assessment

Client: Ofgem

Date: 23/02/2017

Version: V1.0

Reputation built on results

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Context

- ▶ The 6th March 2017 marks the commencement of Implementation Dress Rehearsal (IDR) 2 – The second of three test phases that aim to prove the readiness of transition and cutover activities ahead of a final Go/No-Go decision for Project Nexus
- ▶ Throughout the life of the Programme, Xoserve have maintained the principle of holding two successful IDRs prior to Go Live as a key measure of confidence for Go Live readiness, and this has subsequently been built into the Go/No-Go criteria for the programme
- ▶ Whilst a standard implementation principle is to run IDRs as close to Go Live as possible, UK Link Programme re-planning performed in August/September 2016 highlighted that there was substantial value in performing an initial dress rehearsal (IDR1) as early as possible in September 2016. This however has meant a further 5 months of Programme activity, testing and learnings, that must be reflected in to transition plans and tested for the first time in IDR2
- ▶ Xoserve are approaching the start of IDR2 having successfully achieved a number of prior critical path milestones and upstream dependencies, including the successful running of Bulk load into production with zero remaining defects declared as well as GT Delta loads completing w/c 20/02.

Scope of Document

Baringa have been requested by Ofgem to provide an assurance point of view on Xoserve's readiness to enter IDR2, that answers the following questions:

- 1) Have Xoserve implemented the recommendations and mitigation actions from IDR1?
- 2) Do Xoserve have the controls and processes in place to ensure IDR2 and IDR3 meets their objectives?
- 3) Are Xoserve set-up to be able to answer the key milestone questions (final) – IDR2 / 3 Exit?

In addition, Baringa have looked to provide a holistic assessment of readiness based on reviews of the entry criteria being used by the Programme.

Our Approach

Baringa's approach to validating the IDR2 readiness has been broken into the following elements:

- ▶ Review of Programme deliverables, both detailed Programme documentation and material used to communicate to wider Industry stakeholders
- ▶ Interviews with key Programme resources including relevant cutover and data leads, defect managers, workstream management for the entry criteria
- ▶ Independent assessment of the Transition & Cutover workstream entry criteria for IDR2 and comparison to the overall Programme GONG criteria for integrity

Conclusions

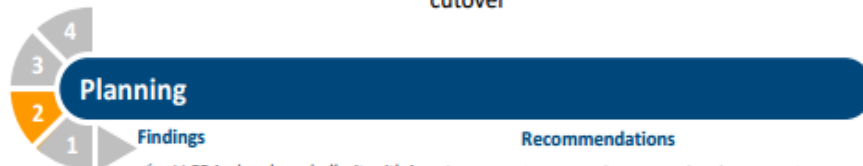
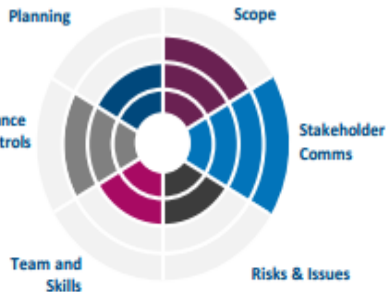
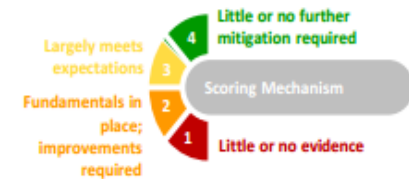
- ▶ Pending completion of planned actions, and adoption of identified mitigating recommendations, Baringa support commencement of IDR2
- ▶ Whilst the aim is to have 2 successful IDRs ahead of cutover, it is important to differentiate between those elements that must be correct as they incrementally contribute to Go-Live readiness e.g. Delta load, versus those that can be ostensibly treated as a test phase e.g. IGT data load, as they will be re-performed at Cutover.
- ▶ Risks to IDR2 integrity should be evaluated on this basis, and "Success" should not be considered a binary outcome, but rather a risk based decision – and this context must be applied to both Entry and Exit criteria for the forthcoming stages.

Read IDR2 & 3: Set Up for Success Summary



Executive Summary

- ▶ Pending completion of planned actions, and adoption of identified mitigating recommendations, **Baringa support commencement of IDR2**
- ▶ Baringa recognise the **robust level of planning and contingency consideration** that has been performed ahead of IDR2, although, data LLCP elements are yet to be validated by the CSA
- ▶ **Data continues to be a key risk area**, both in terms of planning input and solution readiness with defects outstanding and an in-flight solution still being tested, the completion of which is likely to overlap with the start of IDR2 execution
- ▶ Organisationally, captured lessons learned should improve communications and logistics challenges seen in IDR1. There remains however risk associated with the holistic **level of resourcing to support IDRs** and variations in support arrangements between IDR2, IDR3 & cutover



Findings

- ✓ LLCP is developed albeit with inputs required from Data & BW
- ✗ Detailed Data plans still need to be aligned to other elements of the LLCP
- ✗ No holistic plan contingency exists

Recommendations

- ▶ Complete LLCP development & Comms
- ▶ Task level contingency could be understood to truly identify the Critical path



Findings

- ✓ Entry / Exit processes established
- ✓ Incident Mgmt processes defined
- ✗ Limited opportunity to capture lessons learnt between IDR2 & 3 due to timing & resource constraints

Recommendations

- ▶ Test I.M processes to prove response times and suitability for cutover
- ▶ Define formal mechanisms for flow of IDR2 lessons learned into IDR3
- ▶ Agree with industry success criteria to exit IDR phases 2 & 3



Findings

- ✓ Lessons learnt from IDR1 being considered → Rota design, logistics etc.
- ✗ Resource profile to be confirmed once planning is baselined
- ✗ Additional resource capacity is required

Recommendations

- ▶ Validate all lessons learnt met by final Rota design & comms approach
- ▶ Identify suitable candidates with Programme context to fill resource gaps, where possible

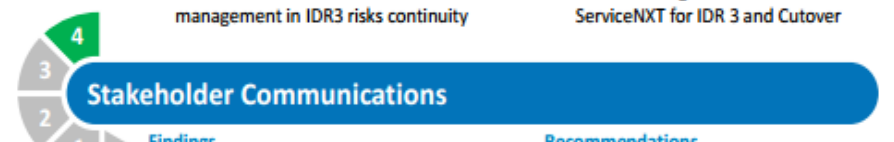


Findings

- ✓ Clear view presented of enduring / test IDR scope items
- ✗ Risk that industry agreement is not reached on scope of in-flight testing
- ✗ Intro. of ServiceNXT for Service management in IDR3 risks continuity

Recommendations

- ▶ Finalise scope of in-flight testing for IDR 2 & 3 via industry governance (specifically US)
- ▶ Clarify split of responsibilities between Programme and ServiceNXT for IDR 3 and Cutover

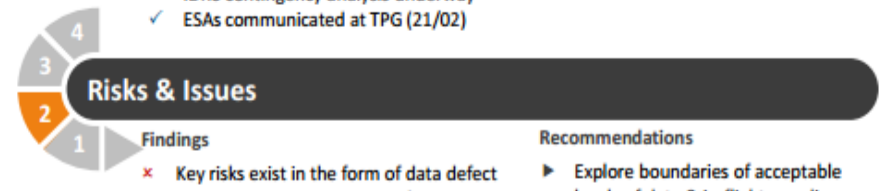


Findings

- ✓ Comms plan drafted and internally reviewed
- ✓ IDRO contingency analysis underway
- ✓ ESAs communicated at TPG (21/02)

Recommendations

- ▶ External agreement and approval of IDR2 Comms plan is required



Findings

- ✗ Key risks exist in the form of data defect prerequisites, in-progress Delta Prep validation, in-flights & resourcing for the phase
- ✗ Any significant defects raised in IDR2 Delta Prep validation would represent a tangible risk to IDR entry

Recommendations

- ▶ Explore boundaries of acceptable levels of data & in-flights readiness ahead of IDR 2
- ▶ Continuation of detailed tracking of status across data defects, and delivery plans for the in-flight solution.

Read

Question 1 - Have Xoserve implemented the recommendations and mitigation actions from IDR1?



- ▶ Summary findings documented below are based on a review of both the IDR1 lessons learned documentation and the IDR1 closure report
- ▶ The forecast RAG articulates a predicted status as of 6th March commencement of IDR2 , assuming that relevant recommendations are implemented.

Sub-Question	RAG 21/02	Current Findings	Recommendation	F'cast RAG 6/3	Xoserve Response	Xoserve Comment <i>(if applicable)</i>
Was an action plan created identifying the root cause of all IDR1 incidents with appropriate mitigation and/or resolution actions?	Green	<ol style="list-style-type: none"> 191 lessons learned were captured through IDR1. Some were identified to be actioned ahead of the next IDR, some when running the next IDR. Root causes and mitigating actions were identified for all Lessons learned & communicated to industry, and these were categorised across Planning, Comms, Process, Constraints & Data Regular update of the lessons learned status has not continued explicitly – But the list is being used as a key input into the LLCP ahead of IDR 2 	<ul style="list-style-type: none"> No further mitigating actions required 	Green	N/A	N/A
Were the actions implemented and if so, what evidence is in place that the actions have been effective?	Yellow	<ol style="list-style-type: none"> Limited explicit tracking of the completion of related actions has taken place (no dedicated meetings etc.) between the IDRs The full lessons learned list is however being used as a key input into IDR planning As per the latest tracker: <ul style="list-style-type: none"> On-track (Green) / Actioned: 72% <ul style="list-style-type: none"> 51 were closed by Xoserve post IDR1 82 were reviewed by Baringa and judged to have been completed or on-track to be completed At Risk (Amber) / Clarification Needed: 28% <ul style="list-style-type: none"> 40 still require inputting into the LLCP or action to ensure they were in place prior to the need date 18 were found to require further clarification / demonstration of inclusion All outstanding high priority items outstanding are expected to be mitigated through finalisation of LLCP and associated resource profiling 	<ul style="list-style-type: none"> Final cross check of LLCP and lessons learned log required by Xoserve before Entry Actions found to be outstanding / not catered for, but still relevant, need to be included in the LLCP or other prep activities ahead of IDR 2 	Green	Recommendations Accepted	Cross checks being performed on an ongoing basis. A final cross check will be executed with the baselining of the LLCP.

Question 2 - Do Xoserve have the controls and processes in place to ensure IDR2 and IDR3 meets their objectives? (1/2)

- ▶ Summary findings documented below are based on a review of the Draft Xoserve Comms plan, IDRO governance document, UKLP implementation approach document and stakeholder interviews.
- ▶ The forecast RAG articulates a predicted status as of 6th March commencement of IDR2 , assuming that relevant recommendations are

Sub-Question	RAG 21/02	Current Findings	Recommendation	F'cast RAG 6/3	Xoserve Response	Xoserve Comment <i>(if applicable)</i>
Is there appropriate governance in place to report and resolve any issues that occur during the cutover period?		<p>Based on governance proposed for IDR2:</p> <ol style="list-style-type: none"> 1. There is clear escalation/accountability within the T&C teams 2. Work being done to improve interlinks between teams 3. The defined Incident management process is based on that used for Market Trials 4. No plans to validate IM process irrespective of issues encountered, although this risk is offset by contingency scenario analysis performed in IDRO 	<ul style="list-style-type: none"> • Agree formal sign off of LLCP across all teams & accountable parties • Incident management action timings/SLAs need to be amended for IDR 2 • It is recommended that IDR2 scope includes a test of IM processes as early as possible in the IDR lifecycle. 		Recommendations Accepted	IM process tests to be considered for IDR 3 once the dependency on Industry governance (IRG ToR) is landed.
Are there controls in place to check any outputs that are produced during the cutover period i.e. IIL file, to ensure that they are accurate and match their design requirements.		<ol style="list-style-type: none"> 1. The LLCP and Transition Test scenario list outline numerous testing activities covering integration points with Legacy, file flows, sanity/smoke tests, webservices. 2. Business validation activities are planned for EQL & IIL reports 3. Data migration activities validated using proven auto & manual validation approaches, however, data clear-down following IDR 2 represents a risk as it will limit the window of opportunity to validate AV outputs and fix any resulting data defects 4. Limited opportunity exists for functional testing in IDR 2, noting the accepted approach of no integrated industry testing / validation 	<ul style="list-style-type: none"> • Explore option to copy NED window data to a separate client (prior to wipe-down) to allow extended triage 		Recommendation Accepted	The IGT validation period is expected to be long enough to be perform validation successfully, although this option is being explored.
Is it clear how IDR progress will be communicated to the Market Participants and PNDG and has this been discussed and agreed with Ofgem and Market Participants?		<ol style="list-style-type: none"> 1. A comms plan has been drafted and is due for circulation to industry on 21/02 at TPG 2. Daily TPG calls, Daily emails sent at 1600 to include P1/2 defects, Weekly industry calls planned. Dashboards to be published to Xoserve.com 3. There is a risk of industry participants placing additional pressure on Xoserve for comms should issues arise 4. Dashboard agreed with TPG as an evolution of IDR1 comms 	<ul style="list-style-type: none"> • Ensure that comms plan has been reviewed agreed with Industry at TPG • Agree industry governance process for wider cutover decisions 		Recommendations Accepted	Recommendations in flight in line with existing IDR prep plans. Comms plan TPG presentation scheduled for w/c 27/02.

Question 2 - Do Xoserve have the controls and processes in place to ensure IDR2 and IDR3 meets their objectives? (2/2)

- ▶ Summary findings documented below are based on a review of the Draft Xoserve Comms plan, IDRO governance document, UKLP implementation approach document and stakeholder interviews.
- ▶ The forecast RAG articulates a predicted status as of 6th March commencement of IDR2 , assuming that relevant recommendations are implemented.

Sub-Question	RAG 21/02	Current Findings	Recommendation	F'cast RAG 6/3	Xoserve Response	Xoserve Comment <i>(if applicable)</i>
Are there controls in place to resolve any incidents that arise during IDR2 in advance of IDR3?	Yellow	<ol style="list-style-type: none"> 1. Planning for IDR3 will occur in parallel with execution for IDR2 - Resource constraints place risk on readiness for IDR3, especially should sizeable issues arise in IDR2 2. Early Productionisation of infrastructure is a positive intent and will drive long term benefits, however Production governance risks slowing issue resolution for IDR3 (E.g. CAB for Infra. Changes) 3. Transition to ServiceNXT (Wipro Service management production function) for IDRs presents a continuity risk 	<ul style="list-style-type: none"> • Define formal mechanisms for flow of lessons learnt into IDR3, and 'live' adjustment of IDR planning • Clarify the roles and responsibilities between ServiceNXT and the Programme over the IDR period. 	Yellow	Recommendation Accepted	<p>Business acceptance of Infra in place ahead of IDR3.</p> <p>App support continues within the Programme for both IDR2 and 3.</p> <p>ServiceNXT roles and responsibilities to be landed in advance of IDR3 through a scheduled India visit in March.</p> <p>Additional resources have been put in place to capture lessons learned into the IDR3 LLCP on a daily basis during IDR2.</p>
Has the entry criteria for IDR2 been defined and circulated for stakeholder's information?	Green	<ol style="list-style-type: none"> 1. IDR 2 entry and exit criteria defined and being tracked against from November 2016 2. Regular entry assessment sessions have been held within Xoserve and with the wider TPG stakeholder group (with regularity due to increase w/c 20/02) – Outstanding actions and risks are being shared with programme stakeholders and owners 	<ul style="list-style-type: none"> • Establish tie-ins to industry GONG criteria and ensure that GONG G2 evidence is being collated as part of IDR 2 Entry 	Green	Recommendation Accepted	<p>Activities in flight and aligned to existing IDR prep. plans.</p> <p>Daily Entry status updates are being provided to PWC.</p>

Read

Question 3 - Are Xoserve set-up to be able to answer the key milestone questions (final) – IDR2 / 3 Exit?



- Summary findings documented below are based on a review of the Entry and Exit criteria, Data and Transition workstream status reports, and stakeholder interviews. The forecast RAG articulates a predicted status as of 6th March commencement of IDR2 , assuming that relevant recommendations are implemented.

Sub-Question	RAG 21/02	Current Findings	Recommendation	F'cast RAG 6/3	Xoserve Response	Xoserve Comment <i>(if applicable)</i>
Do Xoserve have the checkpoints in place to ensure evidence can be gathered to answer the final milestone questions?		<ol style="list-style-type: none"> Yes – Checkpoints are in place. IDR 2 & 3 End Stage Assessment criteria aligned to satisfying industry GONG sections 2.4, 2.5 & 3.6 Process for the update of market participant cutover plans based on Xoserve's IDR 2 & 3 outputs is unclear (GONG section 1.8) 	<ul style="list-style-type: none"> Identify process and forums through which to share IDR 2 & 3 lessons learnt to inform market cutover plans 		Recommendation Accepted	Xoserve LLC updates will be fed through to TPG over the course of IDR2.
Has the scope and exit criteria been defined and agreed?		<ol style="list-style-type: none"> Scope of IDR 2 defined, incorporating elements not covered by IDR 1 as well as lessons learnt Quantitative / acceptable tolerance thresholds not identified in some of the key exit criteria (e.g. 'In-flight scenarios have been successfully simulated') 	<ul style="list-style-type: none"> Drive down key exit criteria to more granular and quantifiable form, agreeing criticality of each through appropriate governance Agree with industry success criteria to exit IDR phases 2 & 3 		Recommendations Accepted	Agreement of tolerance thresholds is ongoing with TPG & PWC.
Has all testing been completed and any fixes been deployed to the appropriate environment?		<ol style="list-style-type: none"> In-flights testing planned to go beyond the start of IDR 2 Approach to deploy in-flights specific code across environments to be finalised As per the current Programme plan, MT Regression and residual NFT phases will not have closed out ahead of IDR2, which poses some risk to code stability and comparability across IDR 2 and 3 US Delta solution not tested ahead of IDR 2 	<ul style="list-style-type: none"> Review remaining in-flights test cases to confirm if they can be further rationalized, finalizing scope with industry Explore boundaries of acceptable levels of in-flight and readiness ahead of IDR 2 (incl. US in-flights) Approach to deploying in-flights code and fixes to be documented and accepted at Programme level 		Recommendations Accepted	In-flight scope and acceptable readiness level are being confirmed via Industry In-flight Group
Has data been migrated into the production system to ensure all in-flight scenarios can be tested?		<p>Sufficient data migrated to commence IDR 2:</p> <ol style="list-style-type: none"> Bulk load has completed and Delta on-course to complete (albeit validation of the Prod load outstanding for Delta) iGT and Custom Tables loads planned as part of IDR 2 NED window Current residual data defects risk slowing down IDR activities, but wouldn't prevent the cycle from going ahead 	<ul style="list-style-type: none"> Explore boundaries of acceptable levels of data readiness ahead of IDR 2 – what is the criticality of defects at risk of being open at the start of the phase Finalisation of US descoping from IDR2 required with Industry Prioritise fix of all outstanding data defects based on criticality and likely impact to IDRs and Cutover 		Recommendations Accepted	Assessment through ESA sessions – current defect levels not considered prohibitive to entering IDR 2

- ▶ Pending completion of planned actions, and adoption of identified mitigating recommendations, **Baringa support commencement of IDR2**
- ▶ A number of **actions are required by Xoserve to finalise low level planning activity** and align resourcing requirements to this baselined plan – Xoserve are prioritising this accordingly
- ▶ **Data prerequisites** (E.g. completion of test activity and closure of IDR critical defects in Prod) **as well as** the completion of **In-flights remain a risk to the integrity of the solution** on commencement of IDR2, however these have well understood mitigation strategies
- ▶ It is relevant to consider the potential impacts of these **risks against the principle of achieving 2 successful IDRs** ahead of cutover. As part of this it is important to differentiate between those elements that must be correct as they incrementally contribute to Go-Live readiness e.g. Delta load, versus those that can be ostensibly treated as a test phase e.g. IGT data load or in flight execution, as they will be re-performed at Cutover.
- ▶ “Success” should not be considered a binary outcome, but rather a **risk based decision** – and this context must be applied to both Entry and Exit criteria for the forthcoming stages.

IDR2 Entry - Indicative Decision

Entry to IDR2 remains a critical programme milestone, with a successful run required for a Go Live decision. Ofgem notes Baringa’s comment that IDR2 should not be considered a binary outcome, but rather a risk based decision.

Ofgem’s indicative decision is that Xoserve have undertaken a satisfactory level of preparation to commence IDR2 on 06 Mar 17. Whilst there are still a number of actions underway for IDR2 entry, Ofgem believes that the proposed mitigation actions are reasonable, and sufficient to minimise the risk of an unsuccessful IDR2.

IDR1 identified two key areas for focus prior to entry to IDR2, namely inflight testing and the time taken to load iGT bulk data these are covered below.

Entry Criteria

1. The IDR2 entry criteria are either complete or on track to complete, with mitigation actions identified.
2. Where criteria are currently tracking behind schedule, there has been sufficient mitigation actions identified to bring entry back on track.

Inflights Testing

1. Inflight testing required for IDR2 is due to complete by the ‘need date’ of 13 Mar 17.
2. Inflight testing that has been identified as not necessary for IDR2 is proposed to be tracked through a new milestone D1.6.

Data

1. Delta data testing (TC5b) successfully completed on 06 Feb 17.
2. iGT data bulk load (TC5) successfully completed within the required time on 13 Jan 17.

Next Steps

1. Ofgem will continue to monitor completion of entry criteria through to 07 Mar 17.
1. PNSG to meet on 06 Mar 17 to confirm closure of all entry criteria.
1. Progress of IDR2 will be monitored through daily TPG calls, a Issues Resolution Group and a dashboard.
1. The successful completion of IDR2 will be assured by Baringa as part of an entry to IDR3.




• Ofgem’s indicative decision is based on the information and advice provided at the time of making this decision. Should new information becomes available, this decision may be subject to change. If market participants would like to discuss further, please contact Nicola Garland at nicola.garland@ofgem.gov.uk.

Decision – IDR2 Entry

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	Status	Due Date	Areas of Programme Affected	Comments	Outcome
D023	<p>IDR2 is planned to start on 06 Mar 17. Entry criteria has been established and this is outlined in the comments section.</p> <p>Ofgem issued an indicative decision on 28 Feb 17 outlining the position taken based on the information available at the time.</p> <p>This PNSG is asked to approve the entry to IDR2.</p>		02 Feb 17	Programme	<p>IDR2 Entry Criteria:</p> <ul style="list-style-type: none"> Bulk load (ISU) activities successfully completed (including Unique Sites) and test signed-off by Xoserve in readiness for IDR2. BW Bulk Data load (up to the staging layer as per the BW solution design) activities successfully completed and test signed-off by Xoserve in readiness for IDR2. Delta load (ISU) activities successfully completed (including Unique Sites) and test signed-off by Xoserve in readiness for IDR2. In-flight Data Transaction (GT) activities successfully completed and test signed-off by Xoserve in readiness for IDR2. iGT Migration activities successfully completed and test signed-off by Xoserve in readiness for IDR2. Delta BW Load activities successfully completed (including Unique Sites) and test signed-off by Xoserve in readiness for IDR2. All P1/P2 Defect issues found prior to IDR2 execution should be fixed / retested. Any unresolved P3 items will be documented, reviewed and risk-assessed in respects to proceeding into IDR2 without a fix. An approach has been defined and agreed via the appropriate governance forums for resolving any open data defects which will not be resolved prior to the start of IDR 2 Prep. Subsequent Fallout Report Template and generation defined and approved. Unique Sites activities successfully completed and test signed-off by Xoserve in readiness for IDR2. <p>PNSG to meet via telecon on 06 Mar 17 to confirm closure of all entry criteria.</p>	Pending PNSG Decision

Decision - In Flights for IDR 3

 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

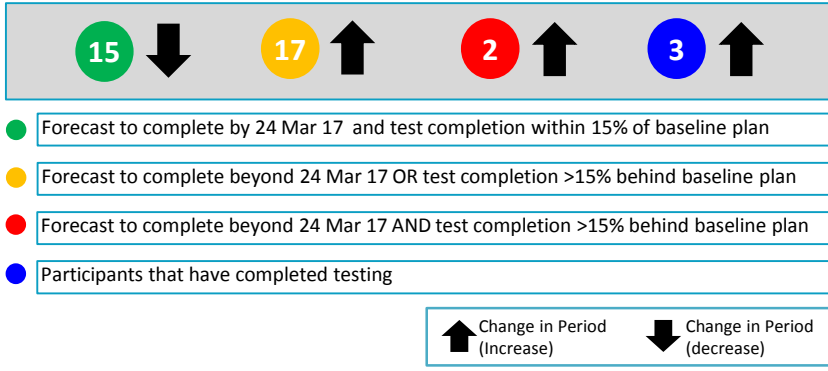
#	Decision	Status	Due Date	Areas of Programme Affected	Comments	Outcome
D022	<p>PNSG are asked to approve a new milestone to be included within the Data POAP for the completion of the specific In Flights transaction testing requirements required for IDR3. This is in addition to the In Flights transaction testing requirements required for IDR2 which is covered by the existing milestone D1.5.</p> <p>The proposed Milestone is:</p> <ul style="list-style-type: none"> D 1.6 - Pre IDR3 In Flight Transaction Testing Complete. Completion date of 07 Apr 17. 		28/02/17	Data	<p>There are currently 12 low priority In Flight conditions which are not required for IDR2.</p> <p>The In Flights working group has recommended that these impact a low number of transaction and are rare scenarios.</p> <p>PNDG has reviewed the decision and recommended that it be approved.</p> <p>However, these should be tested in IDR 3 and as such it is proposed to include an additional milestone to track completion of these conditions.</p>	Open

MTR Confidence Dashboard

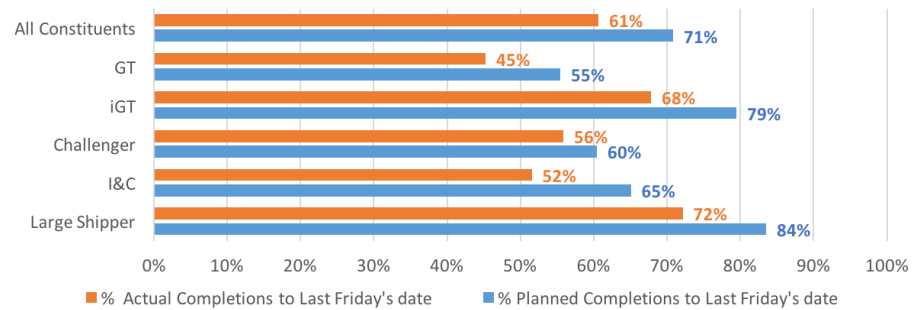
Confidence Criteria	Desired outcome	03 Feb 17	23 Feb 17	Comments (@ 27 Feb 17)
Participant RAG assessment	RAG assessment based on participant progress against plan and forecast completion.	↔	↓	The number of participants tracking 'Amber' is up from 2 and the number tracking 'Red' up from 0 since the previous period. In total, 5 participants are currently forecast to complete at least one test line after 24 March.
MTR test lines started against plan	Participants demonstrate a sustained performance in commencing test lines as per planned start dates within their MTR test plans.	↓	↑	All Participants have now commenced testing. 1663 of the 1822 test lines planned to be have started by 23 Feb 17 are underway. This has improved since the last period with a smaller delta between the planned and actual values.
MTR test lines completed against plan	Participants demonstrate a sustained performance in achieving planned completion dates for tests lines within their MTR test plans.	↑	↓	As at 23 Feb 17, test completion is currently off track with 1138 tests complete against 1329 expected. This position has deteriorated since the last period with only 96 test lines reported to have been completed during the w/c 17 Feb 17 compared with 250 planned.
Defect position	Low levels of new defects are identified in line with the objectives of the MTR phase.	↔	↔	The rate of defects when compared to the volume of files / transactions being tested has slightly increased, however, the overall number of MTR defect is still considered relatively low compared to MT defect volumes.
Number of participants complete	Participants confirm that they have completed their MTR test plan and require no further support from Xoserve.	↔	↓	As of the 23 Feb 17, 3 Participants have completed testing against the expected baseline of 4.

↑ Improving Confidence
 ↓ Deteriorating Confidence
 ↔ No change

37 Participants' MTR RAG (@ 23 Feb 17)

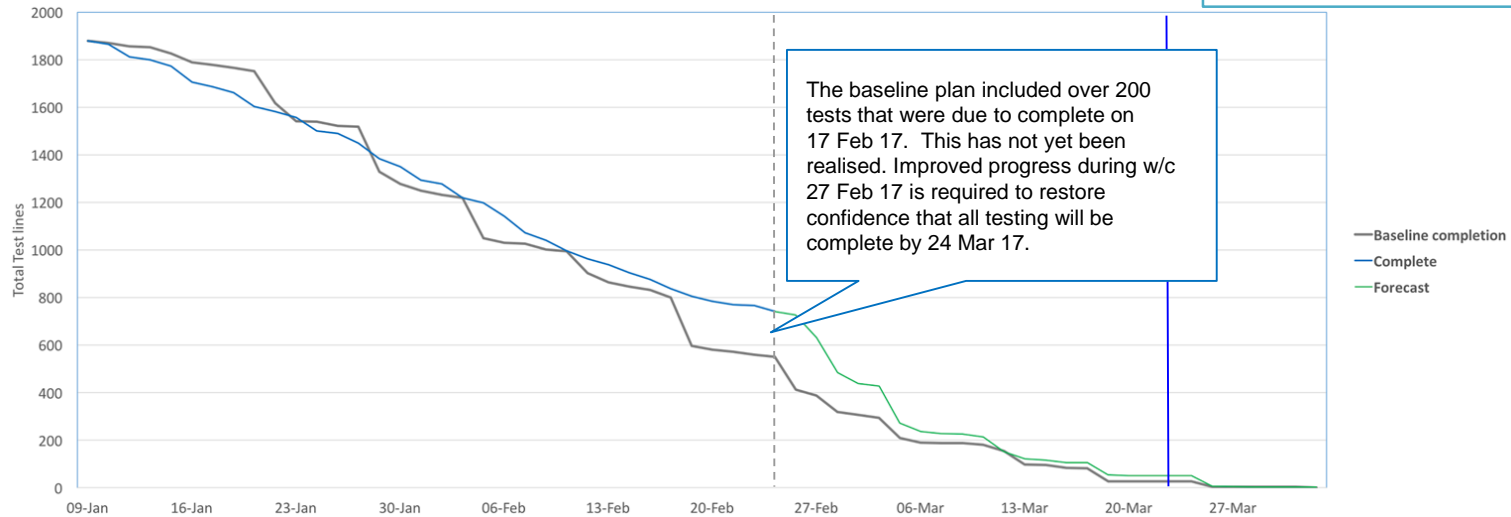


Test lines complete by constituency (@ 23 Feb 17)



MTR Test Line Burndown

Test Line Burndown (@ 23 Feb 17)



Test Line Burndown data (@ 23 Feb 17)

Key: On track / Behind plan

Total Test Lines: 1882	Planned to date	Actual to date	Delta	Trend from last period
Test lines complete	1329	1138	191	↓
Test lines started	1822	1663	159	↑
Participants commenced testing	37	37	0	↑
Participants completed testing	4	3	1	↓
Test lines de-scoped	n/a	196	n/a	n/a

Commentary

- Against the baseline plan, the current rate of progression for ‘test line completion’ continues to track behind schedule. This position has deteriorated during w/c 17 Feb 17 with only 96 test lines reported to have been completed against 250 planned. The uncompleted tests include 73 test lines expected to complete by 24 Feb 17 where we are awaiting the latest plan update and therefore the position may improve.
- Issues around iGT portfolio report defects are currently being worked through with iGTs and Xoserve. Internal defects continue to impact a small number of participants and PwC/ Ofgem Account Managers have been working closely with participants to support resolution of partnering challenges.
- **Reporting basis:** Reporting is based on the number of test lines within participants test plans. It should be noted the number of test cases may vary between each test line but the number of test lines is considered representative for reporting purposes.

Xoserve Defect Position @ 22 Feb 17

TICKETS	Total	Notes
Participant Raised MTR Tickets:	156	
Currently being assessed	40	Includes tickets being processed as defects.
Resolved	36	
Rejected (51%)	80	Either after initial triage, or following further analysis.

DEFECTS*	External / (Internal)	Notes
Defects Open at and since 09-Jan:	56 (197)	
Total open:	16 (54)	Includes one internal P1 defect related to IDR
Actions Resolved**	40 (143)	

MT / MTR DEFECTS	External / (Internal)	Notes
Defects Open at and since 09 Jan:	56 (96)	
Total open	16 (24)	
Actions resolved**	40 (72)	

Notes:

*Includes the following Xoserve defect taxonomy categories: AMT Testing; CR Testing; IDR1/IDR1 Migration; MT/MTR; Operational Readiness; SMART.






** 'Actions Resolved' includes closed defects, defects to be fixed post go-live; and defects subject to workarounds.

Steps to Finalise the MT Regression P3 Defect Position:

- The MT Regression Exit Criteria requires industry to agree the **final Xoserve P3 defect list**, which are defects to be fixed post go-live.
- To help achieve this, a **workshop will be held with industry on Thursday 9 March** to walkthrough the current MT/MTR Xoserve P3 defects (internally and externally raised).
- The **objective of the workshop** will be to:
 - Agree the list of P3 defects to be fixed after go-live.
 - To prioritise these depending on the required proximity of fix following go-live (near term, medium term, long term).
- Any defects identified during MT Regression subsequent to this workshop will be agreed as part of the ongoing weekly defect call.

MT Regression Portal Submission

Participant self assessment against the MTR Exit criteria on 23 Feb 17. A total of 32 Participants have responded to date and a final portal submission is due on 16 Mar 17.

Participant Specific MTR Entry Criteria	Participant Self Assessment	Commentary on those reporting as Red
1. Market Participant on track to complete MT Regression test plan	 <ul style="list-style-type: none"> Regression test plan is complete or on track to complete by 24 March (28) Regression test plan is not on track to complete by 24 March (4) 	<ul style="list-style-type: none"> 3 of the 4 participants stated the known IDL issue as reason for being unable to complete the phase. Other blocking points from participants included: Delay to fixing defects resulting in lack of time to retest; an outstanding defect from MTs phase and other open Xoserve defects.
2. Number of open P1/P2 defects?	 <ul style="list-style-type: none"> 0 open internal P1/P2 defects (27) No response (1) 1 or more open internal P1/P2 defects (4) 	<ul style="list-style-type: none"> Of the 4 participants responding 'Red', only 1 participant reported open P1/P2 defects internal to their own organisation. Others referred to Xoserve defects. 21 participants provided internal defect numbers. Across the industry 15 open and 15 closed P1/P2 defects were reported and 62 open and 133 closed P3 or below defects. Note: these figures include some defects raised with Xoserve.
3. Workaround are documented and agreed	 <ul style="list-style-type: none"> Workarounds identified to date are understood and documented (internal and Xoserve related workarounds) (29) Workarounds identified to date are not understood and/or documented (internal and Xoserve related workarounds) (3) 	<ul style="list-style-type: none"> The 3 participants stated that they have not had the time to fully review and document workarounds or had visibility of the workaround list.
4. Number of agreed workarounds are sustainable	 <ul style="list-style-type: none"> The current number of workarounds is considered as sustainable (internal or Xoserve related) (29) No response (2) The current number of workarounds is considered unsustainable (internal or Xoserve related) (1) 	<ul style="list-style-type: none"> The 2 non respondents and 1 'red' respondent noted that they had either not reviewed the agreed workarounds or have not had visibility of the list.
5. Any other known risks or blockers that may prevent your organisation from exiting MT Regression on 24 March 2017	 <ul style="list-style-type: none"> Not at this time (26) Yes (6) 	<ul style="list-style-type: none"> 3 of the 6 respondents noted the impact on the IDL on the readiness of iGTs as cause for concern and lack of confidence. Several raised concerns that delays due to defects could cause them to not be able to complete testing within the phase. 1 participant noted they had entered the phase late and encountered configuration issues causing delay.

G2 Dashboard – Participants

The information is based on GONG self assessment information provided on the Nexus Assurance Portal on 23 Feb 17 as part of G2. This is an initial view and follow up activity has commenced to obtain the missing submissions and clarify the issues raised.

32

Market Participants provided a submission on 23 Feb 17. 4 of which appeared to make no updates from G1.

1

Market Participant requested an extension to 27 Feb 17 to complete.

2

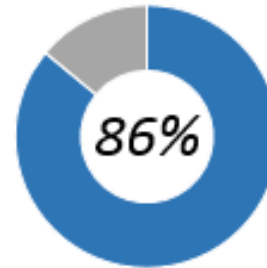
Market Participants encountered technical issues with the Nexus Portal and will submit w/c 27 Feb17.

9

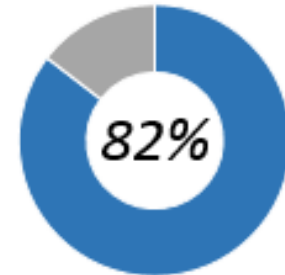
Market Participants did not make a G2 Assessment submission and will be escalated to Ofgem as required.

Market Coverage:

- At 23 Feb 17, 32 of 44 Market Participants had provided a portal submission equating to 86% Annual Quantity ('AQ') and 82% of supply points coverage.

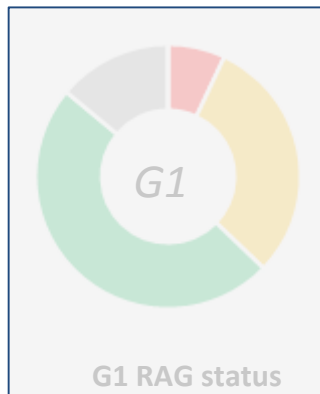


Market AQ %

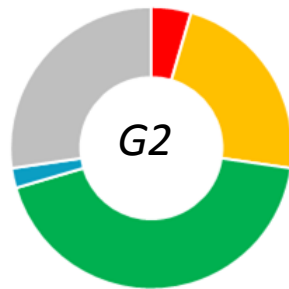


Market Supply Point %

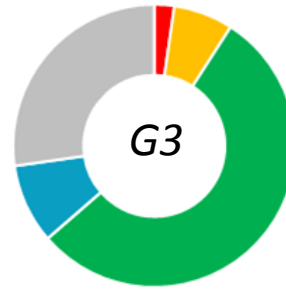
Market Participant self-assessed overall RAG status projections



G1 RAG status



G2 RAG status



Projected G3 RAG status

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

GONG criteria G2 self-assessment commentary:

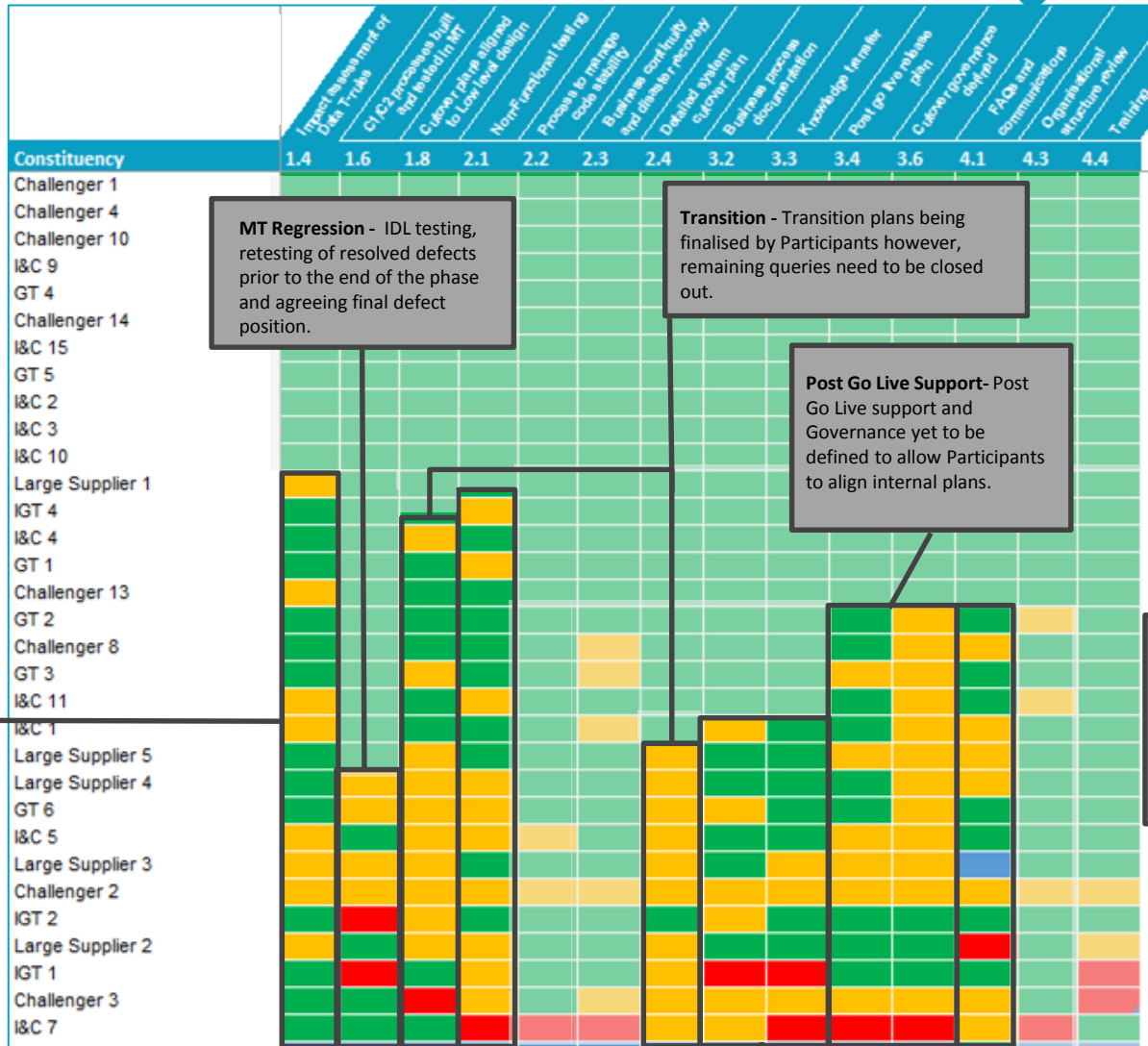
- 2 MPs self assessed RAG status as 'Red'. Citing resource issues, readiness of IDL file and training on new Nexus processes.
- 10 MPs self assessed overall RAG status Amber at G2 which means the criteria can be attained providing mitigation actions are completed. The criteria cited were **data** (fallout and In Flights), completion of **MT Regression** and **post go live governance** arrangements.
- Resolution of open **transition queries** is required to complete planning. Specifically **IGT activity** through cutover.
- 24 MPs projected as 'green' by the G3 assessment which indicates that participants are on track to attain the criteria.
- The level of evidence provided across the Market is still being assessed and will be a focus of the assurance work.

GONG G2 – Market Participants

Top 5 Issues from Market Participant Self Assessment -

This summary is based on the 32 confirmed submissions made on 23 Feb 17. This diagram will be updated as more submissions are received.

Data - IGT data alignment across the industry prior to confirming T-Rule impact and cleansing activity.



MT Regression - IDL testing, retesting of resolved defects prior to the end of the phase and agreeing final defect position.

Transition - Transition plans being finalised by Participants however, remaining queries need to be closed out.

Post Go Live Support- Post Go Live support and Governance yet to be defined to allow Participants to align internal plans.

Project Activity In Progress - A number of internal project activities were indicated as in progress. These will be monitored via the single point of contact approach prior to the G2 Milestone.

■ 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

G2 Assessment Summary - Xoserve

The table below summarises the initial exceptions raised by Xoserve against each Nexus Success Factor as well as actions required to address them, these areas will be focused on prior to the second submission and actions developed as required.

Success Factor	Self Assessment (23 Feb)	Key Exceptions	Actions (Owner)
Solution meets industry requirements		- No Exceptions to report against this success factor	
Solution is stable		- IDR2 is the first fully 'production like' dress rehearsal - High priority data defects require resolution for iGT/US data	- Continue to monitor and report progress through TPG and DMG
Solution is Sustainable		- Cutover and post go-live gov. processes not fully established	- Define post go live deployment schedule
Enables positive consumer experience		- No Exceptions to report against this success factor	

■ 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 Report - Template

The GONG artefacts delivered at G2 and G3 will contain the following information:

1. ***GONG Participant Dashboard*** (as per this deck).
2. ***GONG Participant Top Issues*** (as per this deck).
3. An ***Exception Report*** against each criteria setting out the nature of the exceptions driving any Amber or Red status along with the risk level and mitigation plan. It is expected that these will be monitored through G2 and G3 and the final fallout position will help inform the Go Live decision.
4. A ***PwC GONG Assurance Report*** setting out the conclusions from PwC's review of participant's GONG submissions and evidence. This will describe the objectives, approach and assurance conclusions.
5. A ***Baringa GONG Assurance Report*** setting out the conclusions from Baringa's review of Xoserve's GONG submissions and evidence. Note: ToR still to be confirmed between Ofgem and Xoserve.

Appendices

#	Title	Slide
1	Governance Meeting Schedule	30 - 31
2	Disclaimer	32
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Governance: Meetings

RIAG Meeting Focus

07 Mar 17	16 Mar 17	30 Mar 17	13 Apr 17	27 Apr 17
<ul style="list-style-type: none"> Next steps from previous RAID log review Post Go Live 	<ul style="list-style-type: none"> Defect/Test post go live (post MTWG) Disengaged Market Participants and new market entrants framework Assumptions check in Project Nexus in Wider Industry 	<ul style="list-style-type: none"> Assumptions check in Change Overview Board check in 	<ul style="list-style-type: none"> Post Go Live check in 	<ul style="list-style-type: none"> Assumptions check in Change overview board check in RAID log refresh to prepare for the next meeting agenda

PNDG Meeting Focus

28 Feb 17	14 Mar 17	28 Mar 17	11 Apr 17	25 Apr 17
<ul style="list-style-type: none"> Programme Update Workstream Update iGT IDL File Briefing 	<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 	<ul style="list-style-type: none"> Programme Update Workstream Update

PNSG Meeting Focus

02 Mar 17	06 Mar 17 (WebEx)	10 Mar 17 (WebEx)	17 Mar 17 (WebEx)	22 Mar 17
<ul style="list-style-type: none"> IDR2 Entry Decision Go Live Governance plan MT Regression Contingency Checkpoint G2 status update 	<ul style="list-style-type: none"> Final IDR2 Entry Position IDR2 Delta Preparation 	<ul style="list-style-type: none"> First of the weekly calls to rehearsals for cutover Governance Updates IDR2 Progress 	<ul style="list-style-type: none"> Second of the weekly calls to rehearsals for cutover Governance Updates IDR2 Progress 	<ul style="list-style-type: none"> MTR Exit Decision MT Regression Report

PNSF Meeting Focus

early May (TBC)
<ul style="list-style-type: none"> Programme Update Outcome of IDR2 and IDR3 GONG Assessments Go Live Preparations

Governance: Meetings

MTWG

11 Jan 16	25 Jan 17	08 Feb 17	23 Feb 17	09 Mar 17
<ul style="list-style-type: none"> MTR Progress Workarounds Defect position <p>Complete</p>	<ul style="list-style-type: none"> MTR Progress Workarounds Defect position Scenarios not tested <p>Complete</p>	<ul style="list-style-type: none"> MTR Progress Workarounds Defect position Scenarios not tested <p>Complete</p>	<ul style="list-style-type: none"> MTR Progress Workarounds Defect position <p>Complete</p>	<ul style="list-style-type: none"> MTR Progress Workarounds Defect position

DMG

23 Mar 17	09 Mar 17	20 Apr 17	18 May 17	28 Jun 17
<ul style="list-style-type: none"> iGT Data In Flight IDR2 Fallout Data Update (X0) <p>Complete</p>	<ul style="list-style-type: none"> Resolution of iGT data inconsistencies 	<ul style="list-style-type: none"> iGT Data Fallout GONG 3 (Data) Data Update (X0) Mitigations Post-live role of DMG 	<ul style="list-style-type: none"> GONG 4 (Data) Mitigations Post-live comms 	<ul style="list-style-type: none"> Exception Handling Post-live role of DMG

TPG

21 Feb 17	07 Mar 17	21 Mar 17	04 Apr 17	18 Apr 17
<ul style="list-style-type: none"> Catch Up Batch Baseline Industry 23 Day Plan DMG Closure Contingency Planning Update <p>Complete</p>	<ul style="list-style-type: none"> IDR0 Closure Document Review Monitoring Dashboard Review Industry 23 Day Plan Baseline 	<ul style="list-style-type: none"> Contingency Playbook Review IDR2 Update Monitoring Dashboard Review Hypercare Approach Review 	<ul style="list-style-type: none"> IDR2 Summary Hypercare Approach Baseline 	<ul style="list-style-type: none"> IDR3 Update Post-live role of TPG

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