

Project Nexus Delivery Group [PNDG] Status Report [Lite]

09 May 2017

Covering the period: 21 Apr 17 – 04 May 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 @ 04 May 17

Sponsor: Rob Salter-Church

PMO: Melisa Findlay

Go Live Date: 01 Jun 17

RAG Status	Market Trials	Data	Transition	GONG	Post Go Live
Overall					
Xoserve					
Baringa <small>(view of Xoserve)</small>					n/a
Participants					

Programme Status:

Programme Trend:

Since:

11 Apr 17

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 last report
 No Change Since last report
 Deterioration 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 six workstream's: Project Delivery (Solutions and Services) - closed; Market Trials; Data (Migration and Cleansing); Transition; GONG; and Post Go Live.

Activities since last PNDG:

- Market Trials workstream has been closed.
- IDR3 validation review approach and timeline have been agreed by Xoserve.
- IRG scenario simulation conducted.
- Final G3 submission on 20 Apr 17 (40 of 45 submission).

Upcoming activities:

- IDR3 data validation and fallout, with Root Cause Analysis and identification of remediation activity.
- Transition monitoring calls are continue until 12 May 17.
- Assess final GONG submission and develop the Go Live decision content to support PNSG on 17 and 19 May 17.

Overall RAG Commentary:

The Programme remains Amber / Green.

Market Trials: Residual MTR testing was finalised on 21 Apr 17 and the defect and workaround position baselined at 21 Apr 17 as part of the overall defect position. The remaining defects and workarounds will be managed to the final Go Live position through the weekly defect call and reported as part of the overall defect position. The workstream will be closed once the final 5 MTR P2 defects are deployed on 08 May 17.

Data: Amber / Green, the Green driven by continued progress against planned activities and the completion of IDR3. The Amber by several quality and data consistency issues. These are tactical in nature and not a fundamental concern.

Transition: is Amber / Green, the Green driven by the completion of IDR2 and IDR3 with minimal issues. The Amber is driven by the inherent risk of issues occurring during cutover.

GONG: Amber / Green which is reflective of the completion of the G3 assessment milestone. The Amber is driven by the caveats raised which relate to the need for clarity around Post Go Live, reliance on 3rd party providers and quality of evidence supporting the G3 assessment.

Post Go Live: Amber as a result of the design of Post Go Live Governance extending beyond its Apr deadline. ToR have been disseminated and commented on and now being refined. ToR responses identified 6 key themes that require a broader discussion with industry.

Remediation Action:

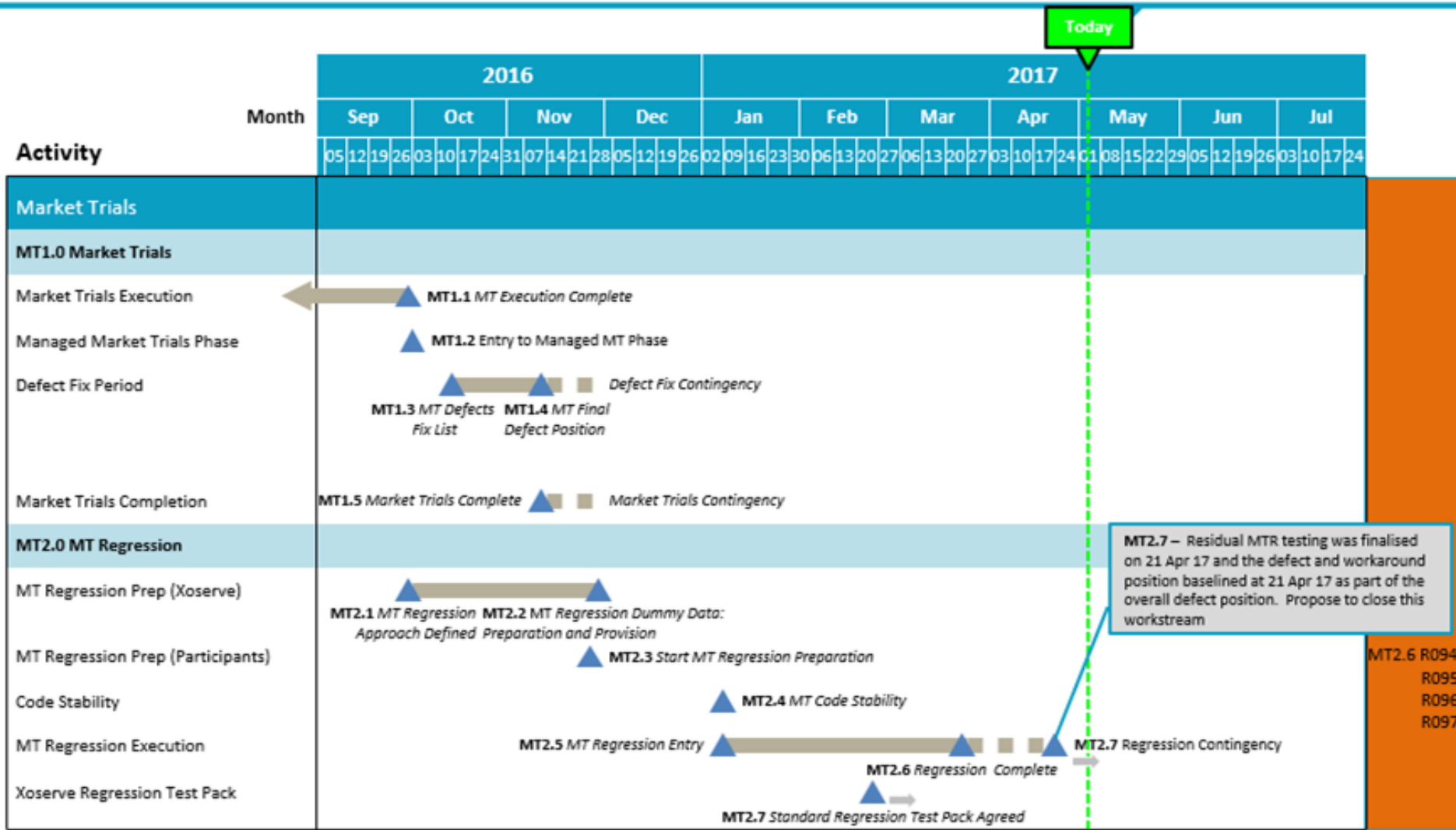
Data: continues to address Market Participants concerns through the DMG (final DMG scheduled for 11 May 17) whilst monitoring the fallout of IDR3, Data Portal, and GONG submissions.

Transition: are collaborating with GONG workstream to close out any issues arising from the G3 submission. Additional stress testing of industry scenarios has been conducted to identify appropriate incident response.

GONG: will finalise the Market Trials position and work with Transition to address specific transition queries. Account managers will continue to provide a single point of contact approach and work to improve Market Participants evidence.

Post Go Live: Following feedback from RIAG Xoserve are identifying key priorities around governance clarity and PIS release strategy.

Market Trials Plan








MT2.6 R094
R095
R096
R097

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

Market Trials Status Report

<p>Project Nexus: As @ 04 May 17</p> <p>Sponsor: Rob Salter-Church</p> <p>PMO: Melisa Findlay</p> <p>Go Live Date: 01 Jun 17</p>	RAG Status	Market Trials	<p>Workstream Status: </p> <p>Programme Trend:</p> <p>Since: 25 Apr 17</p>
	Overall		
	Xoserve		
	Baringa <small>view of Xoserve</small>		
	Participants		

Residual MTR testing was finalised on 21 Apr 17 and the defect and workaround position baselined at 21 Apr 17 as part of the overall defect position. The remaining defects and workarounds will be managed to the final Go Live position through the weekly defect call and reported as part of the overall defect position in the weekly defect call. As agreed by PNSG on 04 May 17, the workstream will be closed once the final 5 MTR open P2 defects are deployed on 08 May 17.

MTR Exit Caveat	Action	Key metrics	Status	Source
1 Remaining approved MTR test lines are completed.	1.1 Approved test lines to be completed.	28 of 37 test lines complete (includes 1 'de-scoped') 8 of 10 Market Participants complete 9 test lines across 2 Market Participants accepted as 'incomplete'	Complete	MPs via PwC @21 Apr 17
2 Agreed list of defects to be fixed Post Go Live (P3 defects). Agree approach and plan to deploying and testing any defects that are agreed to be fixed pre Go Live (P2 defects).	2.1 List of P3 defects to be fixed Post Go Live agreed by industry through weekly defect call.	87 defects agreed for PGL fix 3 defects pending final agreement for PGL fix	Finalise on weekly defect call	Xoserve @21 Apr 17
	2.2 Deployment date confirmed for code impacting P2 defects to be fixed pre Go Live.	5 P2 open defects agreed for fix - due for deployment 08 May 17	Deployment 08 May 17	Xoserve @21 Apr 17
	2.3 Test approach agreed for code impacting P2 defects to be fixed pre Go Live.	15 P2 defects where Xoserve to provide test approach to Market Participants	Xoserve presented approach on 28 Apr defect call	Xoserve @21 Apr 17
3 The workaround position is confirmed and communicated to industry. Xoserve can support the operationalisation of the approved workarounds.	3.1 Workarounds are documented, tested and approved by industry through weekly defect call.	35 workarounds approved 19 workarounds in progress	In Progress	Xoserve @21 Apr 17
	3.2 Xoserve confirm they can support workarounds operationally.	The required headcount to support the manual workarounds identified to date is built into the PGL structure for postponed CR's and defects. This will continue to be evaluated as further workarounds are identified.	Complete	Xoserve @21 Apr 17
4 Xoserve is able to provide appropriate support (in terms of people and environment) during the specific closure activity outlined in 1 above.	4.1 Xoserve to confirm supportability.	Support confirmed by Xoserve following review of approved test lines.	Complete	N/A

Discuss

Xoserve Baseline Defect Position

Baseline defects reflects the position as of 21 Apr 17, updated position to be presented at the PNDG

DEFECTS (all test areas included exc. Data)	External / (Internal)		Total	Notes
Total Defects Opened at and since 09-Jan:	117	(398)	515	Information taken from HPQC
Total active and PGL	64	(141)	205	
Total active:	14	(82)	96	
Under assessment / fix in progress	9	(12)	21	Includes 5 open P2 defects from MTR
N/A – Xoserve internal impact only	5	(70)	75	See definition*
Total PGL:	50	(59)	109	
PGL – Manual workaround – In progress	8	(11)	19	
PGL – Manual workaround – Approved	19	(16)	35	Includes 87 defects agreed for PGL fix and 3 to be agreed
PGL – Manual workaround not required	23	(32)	55	
Total Closed:	53	(257)	310	Post-RDB; Closed as Passed / Dup / Rejected

***'N/A Xoserve Internal Impact Only' definition** - not common code impacting (eg., report config within SAP BW) and deployment would not impact on the testing already performed by the industry.

Breakdown of defects by Test Area (exc. Data defects)					
Defects Open at and since 09-Jan:	Active		Total PGL	Total Closed	
	External	(Internal)		External	(Internal)
AMT Testing	0	(0)	1	0	(0)
CR Testing	0	(2)	0	0	(31)
IDR / IDR Migration	0	(13)	2	0	(51)
Market Trials / Market Trials Regression	14	(14)	86	53	(84)
Operational Readiness	0	(53)	20	0	-(91)
SMART	0	(0)		0	(0)
Total :	14	(82)	109	310	

Steps to finalise Go Live defect and workaround position

- Track defect and workaround closure through the weekly defect call.
- Final defect and workaround position to be reported in the Go Live Decision (GLD) pack as part of the 'fallout' report.
- Continue to report defect and workaround closure progress to programme governance.

Data Status Report

Project Nexus: As @ 04 May 17
Sponsor: Rob Salter-Church
PMO: Melisa Findlay
Go Live Date: 01 Jun 17

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

Workstream Status:

Programme Trend:

Since: 11 Apr 17

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

Overall RAG Commentary:
 The Data workstream continues to report Amber / Green. Progress continues to be made to plan, including IDR3. However, In Flight files from two iGTs had failed to be submitted and had quality issues impacting 4927 MPRNs; this issue is understood and will be tested and resolved prior to cutover. Other quality issues continue to be worked on with Market Participants performing final cleansing activities and a final DMG on 11 May 17 to work any unresolved questions, in particular consistency of data between Xoserve, iGTs, and shippers. At the moment these are tactical issues and not fundamental quality concerns.

- Achievements since last PNDG:**
- IDR3 running to plan and timetable, with the majority of data defects fixed within the NED window.
 - DMG 27 Apr 17 including handover to Xoserve performed for future meetings.
 - 20 Apr 17 Portal submissions collected and key issues understood – facilitation with individual Market Participants is ongoing.
 - IDR3 used to test process for communicating any data defects to Market Participants as a rehearsal for managing data fall out (if any) during cutover.
 - PwC provided Delta assurance report to Ofgem

- Remediation Action:**
- Monitor Market Participants’ progress through the next GONG submission.
 - Work with individual market participants over red and amber concerns identified in the data portal, recognising that these should not prejudice a go-live decision but will help reduce the level of Business-as-usual data cleansing after go-live.
 - Continue to monitor the progress of IDR3, in particular Market Participant feedback in response to resolution of data issues and non-GT fallout.
 - Final DMG 11 May 17 to resolve remaining concerns.

- Upcoming activities:**
- Complete IDR3 data validation and fallout, with root cause analysis and effort required to remediate.
 - External assurance of IDR3 non-GT data loads by PwC by 15 May 17.
 - Additional DMG confirmed in 11 May 17 to consider any fallout from IDR3.
 - Agreement of portfolio timetable to be provided by Xoserve for NED period.
 - Conduct validation of all data loads conducted within IDR3.

- DMG Key Messages:**
- Increased confidence following IDR2, iGT data load, and mini-DMGs.
 - No significant findings raised in assurance review of Delta preparation and Delta 1 IDR2 data loads. Non-GT site validation will be reviewed for IDR3 by PwC.
 - IDR3 important in proving communication of data issues and their resolution to Market Participants, in particular building confidence around the handling of any data items that have to be resolved after the NED window.
 - IIL file handling procedures agreed and now in place.

Data Portal Submission

Analysis of data readiness responses

The main reasons for participants reporting amber or red status are:

- 1) They have not yet completed resolution of iGT data inconsistencies, with the risk that the remaining inconsistency may impact a customer's ability to switch or for billing, settlement, or AQ calculation to be inaccurate for the impacted MPRNs;
- 1) They have not completed their own data cleansing in response to Xoserve's transformation rules, with the risk that data post Go Live the Market Participants may find that files submitted in relation to the impacted MPRNs are rejected;
- 1) Two of the smaller challengers have left data cleanse activities particularly late, although the volume of impacted MPRNs is minimal.

These risks have been discussed at DMG and are not anticipated to prevent Go Live.

However, pressure to complete final data cleanse activities is being maintained, to minimise the levels of data exceptions that will arise post Go Live.

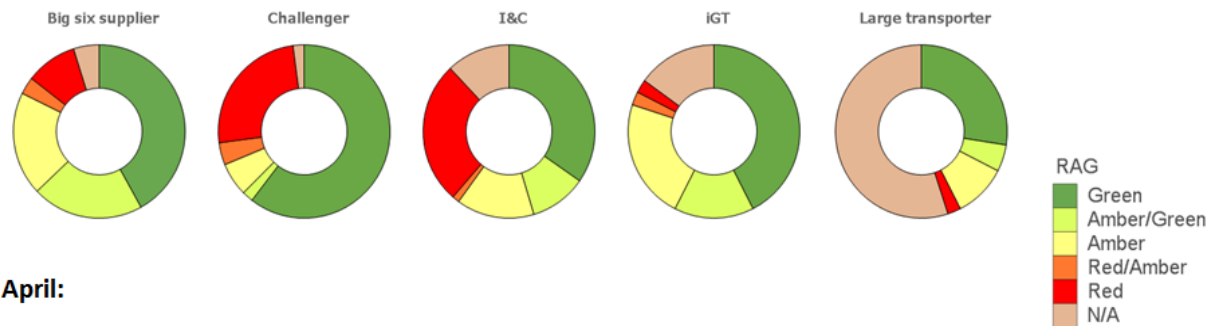
The final DMG meeting is being brought forward to 11 May 17 to ensure that if any issues emerge they can be discussed and presented to PNSG at the final GONG decision.

Summary of Data Portal Submissions - 20 Apr 17

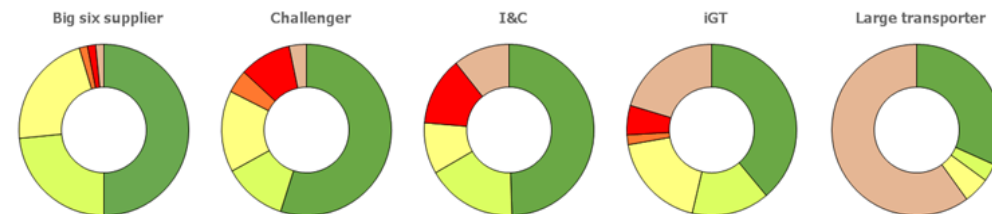
The data portal submissions are Market Participants' self-assessment of progress on their own data cleansing activities and understanding of the overall Nexus data cleansing requirements such as Transformation Rules. These have been weighted by organisation type (average RAG rating based on numbers of responses in each group, not weighted by SP or AQ). The response indicates the level of completion of activity with red and amber-red indicating a potential concern that activities will not be completed prior to Go Live.

These self-assessments have not been subject to assurance or audited to assess consistency with the overall GONG criteria; they have been used to support engagement with Market Participants on data issues and to ensure those issues are addressed by the Data Management Group. Individual conversations have been held with all participants reporting red or amber-red to confirm that there is no significant risk to Market Participants readiness.

March:



April:



Current Data Plan Activities

Summary of Current Workstream Plan Activities @ 02 May 17:

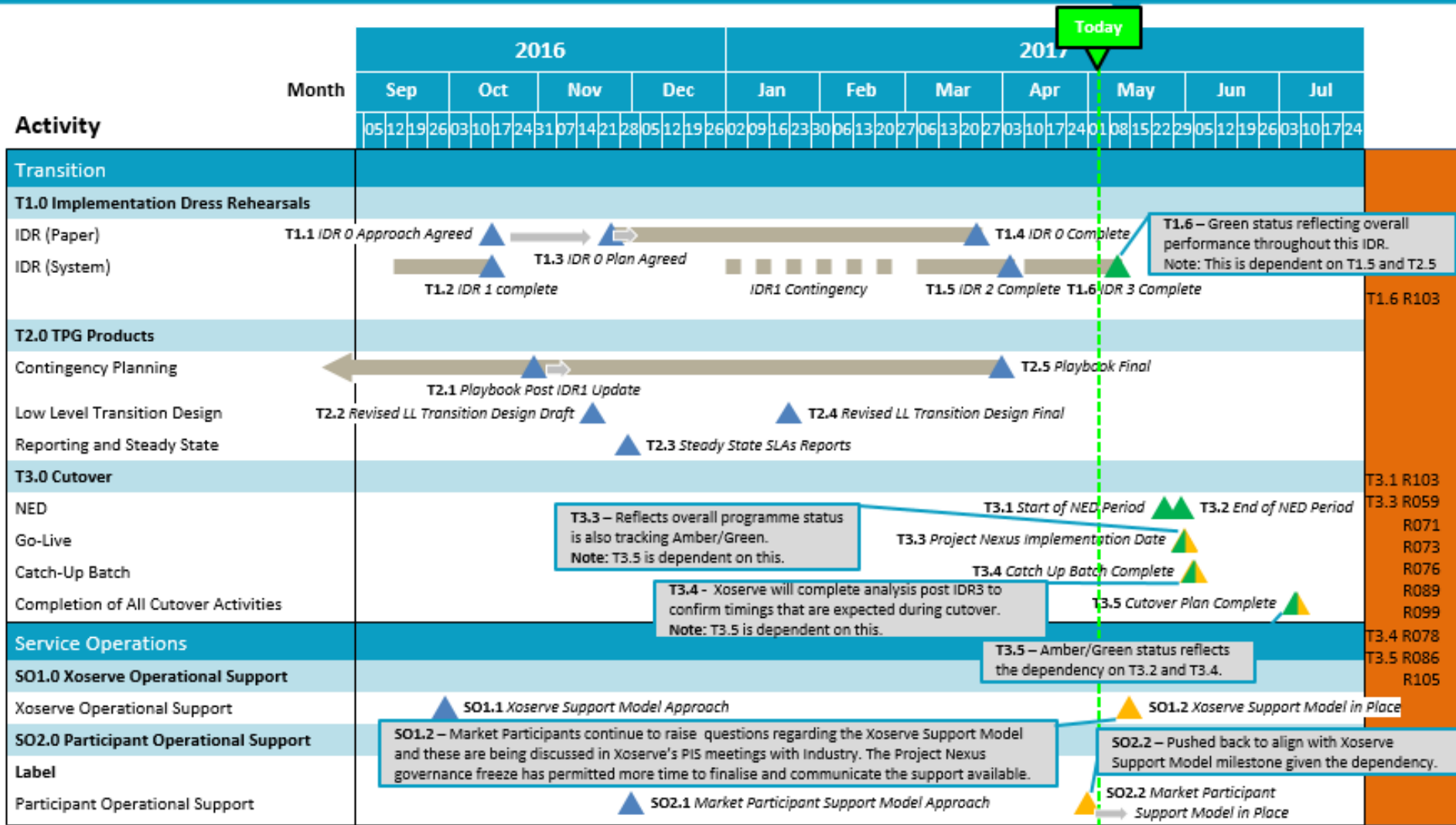
Origin	Cycle	Perf	Quality	Progress		Response to RAID
Unique Sites	IDR2	G	A	Unique Sites achieved requisite performance for IDR3. Validation and fix cycle was undertaken as planned in NED window fixing all critical defects <ul style="list-style-type: none"> Performance : Achieved plan timings in IDR3 Issues : None Quality : Throughout IDR3, Prioritisation and fix cycle managed through the criticality matrix. High priority defects will be fixed as per the Fallout Management Process. Defects have been found, these are currently undergoing triage, root cause analysis and fix. Final defect numbers will be confirmed once triage completes. 		1. All Parked defects for Unique Sites are to be resolved for Pre/ during Cutover activities
				Data Defects Landscape	Fallout from cycle	
				<i>19 out of 38 mismatches are fixed (and 8 rejected)</i>	99.99% success achieved	
iGT	IDR2	G	G	iGT Test load in IDR3 achieved Performance and Quality considerations were dealt with within cycle. Plan : Achieving plan timings in IDR3 <ul style="list-style-type: none"> Issues: None for period of reporting. Quality: Validation cycle and fix cycle undertaken and 14 mismatches were found, 2 rejected and 4 critical defects were fixed 		1. N/A
				Data Defects Landscape	Fallout from cycle	
				<i>4 out of 14 mismatches fixed (and 2 rejected)</i>	99.9% success achieved	
LPG	N/A for IDR3	G	G	LPG Testing complete. Production Load to be undertaken wc 08 May 17 <ul style="list-style-type: none"> Performance: Proven through previous cycles. Issues : N/A Quality : X2 "Open" Data defects exist and are being resolved 		1. N/A
				Data Defects Landscape	Fallout from cycle	
				<i>2 open defects</i>	N/A	

Current Data Plan Activities

Summary of Current Workstream Plan Activities @ 02 May 17:

Origin	Cycle	Perf	Quality	Progress		Response to RAID
Delta	Delta as part of IDR3 (underway)	G	G	Delta cycles complete in IDR3, Delta 1, 2, 3, 4, 5 have all performed to timescales and achieved good quality.		1. All Delta defects which are open are part of Pre-Cutover rectification plans.
				<ul style="list-style-type: none"> Plan: Plan performance for Delta remains in line with expected performance. Issues: None for period of reporting Quality: Throughout IDR3, Prioritisation and fix cycle very closely managed through the criticality matrix, and clear decisions on which defects to focus on and fix as per the fallout management process. A number of Delta mismatches were successfully dealt with and resolved in IDR3 as a result of this activity. 		
				1. Data Defects Landscape	1. Fallout from cycle	
				12 'parked' defects remain open	100 % success achieved	
In Flights (Data)	IDR2	G	A	In-Flight ETL and validation activities completed successfully for IDR3. Good Performance and quality witnessed in IDR3.		1. 3 remaining Inflight defects to be addressed in rectification cycles before IDR3
				<ul style="list-style-type: none"> Performance: Performing to plan – very good performance witnessed in IDR3 Issues : None Quality: In-Flight activities commenced on Saturday 22 Apr 17 for both GT and IGT In-Flights. Very good quality achieved within cycle , full quality to be known when all scenarios are complete on 03 May 17. Contingency plans for iGT file issue also incorporated into plan. 		
				1. Data Defects Landscape	1. Fallout from cycle	
				3 out 11 defects fixed (and 5 were rejected)	99 % success achieved	
Bulk	Bulk 2 (Complete)	B	B	Bulk achieved successful closure and PwC Assurance completed; positive review with just 2 minor observations that the team taken note of.		
				1. Data Defects Landscape	1. Fallout from cycle	
				None	1. All objects achieved 100% ETL success rates in Bulk 2	

Transition Workstream Plan



Transition Status Report

Project Nexus: 04 May 17
Sponsor: Rob Salter-Church
PMO: Melisa Findlay
Go Live Date: 01 Jun 17

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

Workstream Status:



Programme Trend:



Since:

28 Mar 17

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

Overall RAG Commentary:

The overall status remains Amber / Green. IDR2 and IDR3 were completed on time with minimal issues. Data Fallout reports have been produced and are available on the Xoserve Transition webpage. Any defects identified have been planned for resolution prior to cutover. Lessons Learnt will be accommodated as part of cutover planning ahead of the cutover plan commencing on the 16 May 17. The risk remains during cutover of an issue occurring with either Xoserve or a Market Participant. This risk the main driver behind the Amber status.

Achievements since last PNDG:

- Executed a test IRG Scenario to simulate a Market Participant unable to process and send their catch up NED files to Xoserve. The scenario went well and it met its objective of identifying lessons learnt so that we could refine the process before cutover.
- IDR3 continued and notional PNID was met on the 27 Apr 17. Catch up processes completed on 2 May 17 with wrap up activities remaining.
- Initiated Transition monitoring kick off calls. These are to brief Market Participants on the cutover monitoring PwC will be doing.

Remediation Action:

To mitigate the risk of a cutover issues, the Transition workstream are working with the GONG workstream to close out any specific Transition queries that have come out of the G3 submission. Additionally, the IRG has run through multiple test scenarios identifying lessons learnt to ensure the process has been refined in preparation for an incident during cutover. Transition monitoring is also taking place to ensure that Ofgem have early visibility of any incidents encountered by Market Participants during the cutover period.

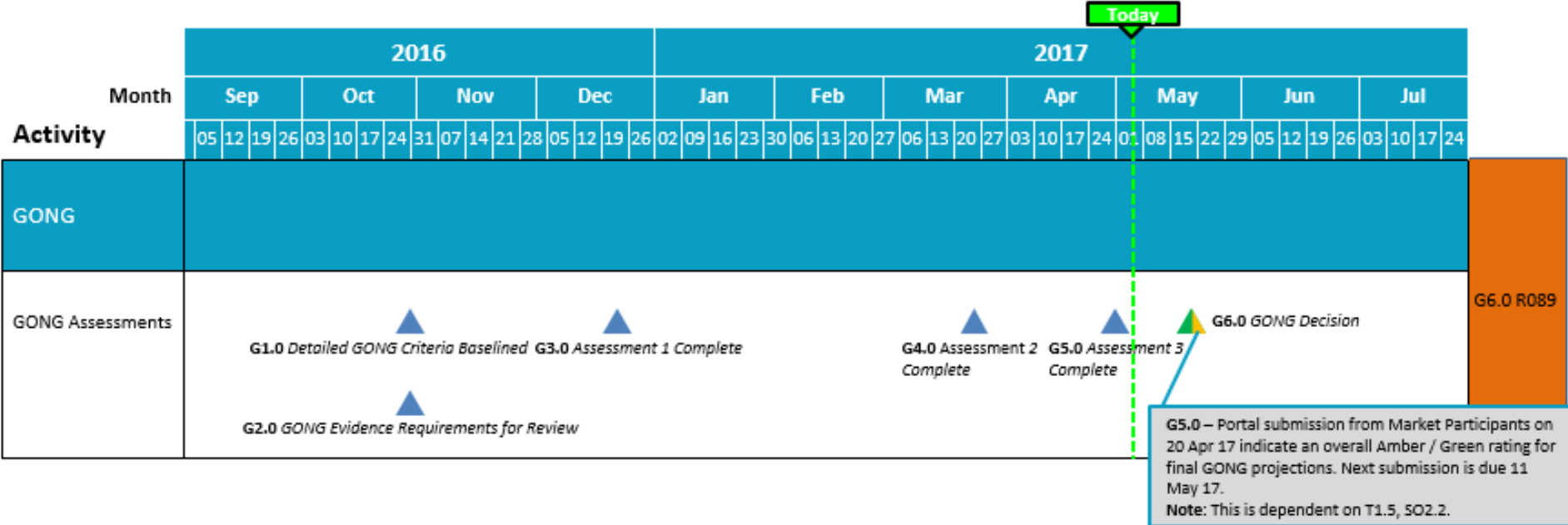
Upcoming activities:

- Transition Monitoring Kick Off calls continuing with the Market Participants. Activity is due to complete by 12 May 17.
- TPG scheduled for 10 May 17 via Webex to cover Lessons Learnt from IDR3 and a walkthrough of the test scenarios executed during IDR3 for IRG.
- Closing out remaining queries from Market Participants regarding Transition.
- Xoserve to close out IDR3 and begin preparation for the actual cutover.
- In Flights Webex scheduled 05 May 17 to discuss IDR2 fallout resolution.

TPG Key Messages:

- The final TPG prior to the cutover period is due to take place on the 10 May 17 via Webex. Agenda includes IDR3 Lessons Learnt, reminder of key milestones during the cutover period and a review of the IRG test scenario.
- Placeholder TPGs are to be scheduled for 07 Jun 17 and 21 Jun 17 as per the plan to maintain existing governance during June. These sessions will be used to deal with any fallout from the cutover.

GONG Workstream Plan



Milestone RAG Key:

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

GONG Status Report

Project Nexus: As @ 04 May 17

Sponsor: Rob Salter-Church

PMO: Melisa Findlay

Go Live Date: 01 Jun 17

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

Workstream Status:



Programme Trend:



Since:

28 Mar 17

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, Market 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 Market Participant's submission in order to support any recommendation.

Overall RAG Commentary: Rated Amber/Green. The Green element is driven by the G3 self assessment on 20 Apr 17 where 33 MPs self assessed overall readiness as 'Green' and the subsequent completion of the G3 Assessment Milestone. The Amber element is driven by the caveats raised as part of the completion of the G3 Assessment which related to; clarity on Post Go Live, reliance on 3rd party IT providers and the provision of evidence to support self assessed status. The GONG workstream will focus on the noted actions at the G3 assessment ahead of the final GONG submission on 11 May 17 and Go Live decision on 17 May 17.

Achievements since last PNDG:

- Good response to the final G3 self assessment on 20 Apr 17 with 40 of 45 Market Participants (MPs) making a submission.
- Completion of the G3 Assessment Milestone confirmed at PNSG on 4 May 17.
- Conducted GONG WebEx on 04 and 05 May 17 to support MPs with the final GONG submission

Remediation Action:

- Continue to track actions through the GONG management team including the provision of evidence to support self assessment status.
- Monitor the Post Go Live workstream to understand if the concerns raised in the G3 self assessment are addressed.
- Contact key third party IT providers to understand current risk to Shipper Go Live readiness.
- Finalise Market Trials position.
- Liaise with Transition workstream to address specific transition queries.

Upcoming activities:

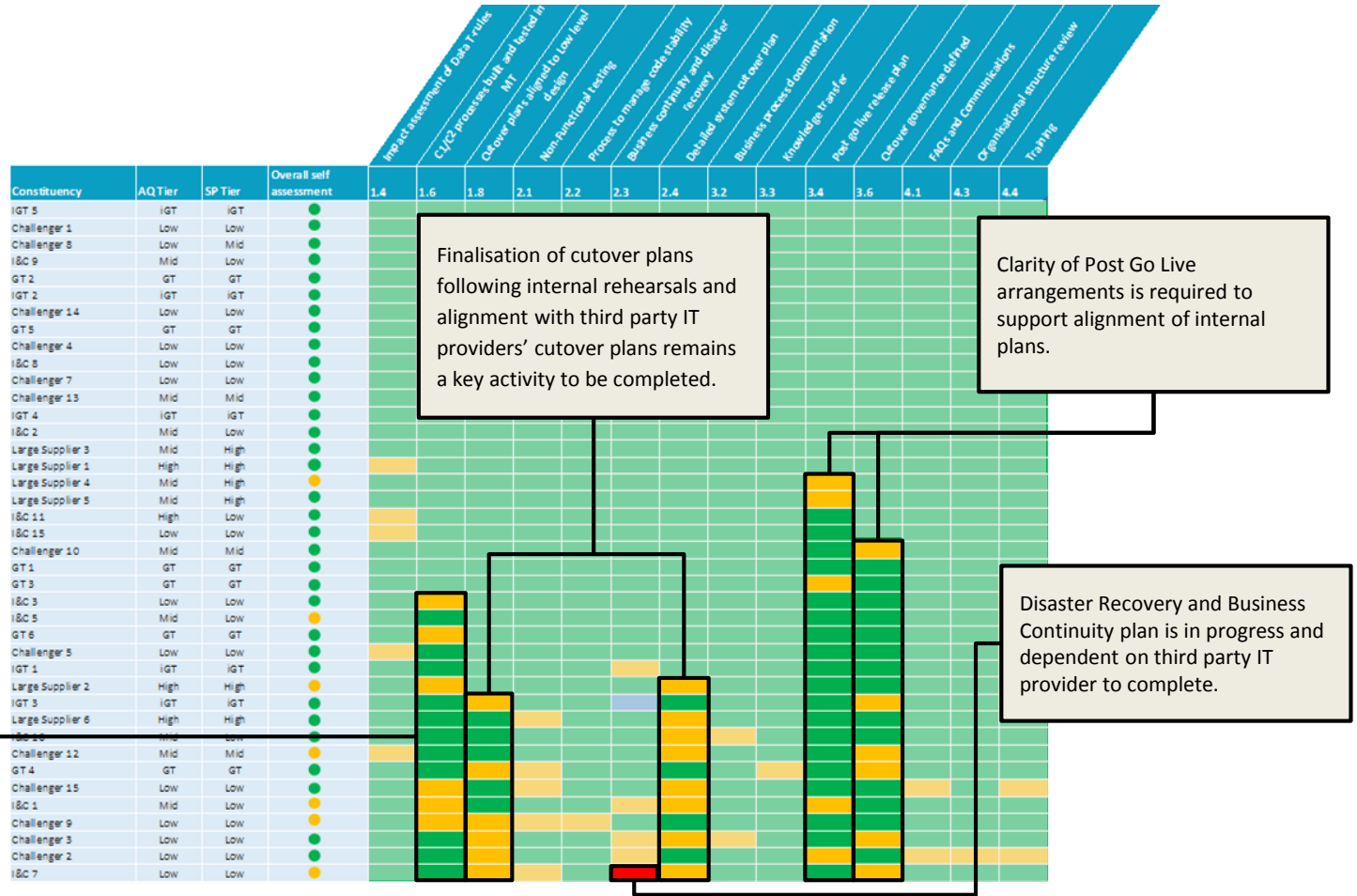
- Continue to track MP progress against GONG criteria ahead of the GONG decision.
- Handover of key points identified during the GONG assessments to the Transition monitoring team on 08 May 2017.
- Conclude the G3 Assurance activity including site visits and telephone calls.
- Assess the final GONG submission made on 11 May 17 and develop the Go Live decision content to support PNSG on 17 and 19 May 17.

Key Messages:

- Reiteration that evidence needs to be provided to support MP self assessment status and to enable the assurance activity to complete. Where there are significant gaps Ofgem will make formal contact with those MPs
- MPs continued attendance at cross programme working groups is strongly encouraged to support the closure of mitigating actions for areas of concern.
- Final GONG submission is on 11 May 17.

G3 assessment detailed view

Analysis of Market Participants' self assessed statuses against GONG criteria as of 20 Apr 17.



Finalisation of defect position and provision of appropriate test evidence to demonstrate Xoserve retesting of fixed defects is required before Go Live.

Finalisation of cutover plans following internal rehearsals and alignment with third party IT providers' cutover plans remains a key activity to be completed.

Clarity of Post Go Live arrangements is required to support alignment of internal plans.

Disaster Recovery and Business Continuity plan is in progress and dependent on third party IT provider to complete.

- 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
- No Submission
- Data missing – partial submission made
- High – <7% coverage
- Mid – <1% <7% coverage
- Low – <1% coverage

Read

www.pwc.co.uk

Project Nexus

GONG G3 Market Participant Assurance Update

Confidential

April 2017

26 April 2017

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 and GONG Plus) 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.

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GONG G3 – Market Participant Assurance Update @26 April 17

The objective of the GONG G3 Market Participant assurance activity is **to evaluate the evidence which supports the participants' self-assessments against the GONG Criteria** and confirm whether these support the self-assessment ratings. This update provides a summary of the **interim findings to date** from this activity. Remaining site visits and follow-up calls are planned to complete by end of w/c 8 May 17, prior to the final GONG portal submission on 11 May 17.

GONG G3 Assurance Approach

A sample of **15 participants** was selected based on criteria agreed with Ofgem. For each of the 15 participants, the following steps were taken to assess the level of confidence in their reported completion status:

- Review the participant's submission to the PwC Assurance Portal from 6 and 20 April 17;
- Request additional evidence as required beyond the documentation already provided on the portal; and
- Complete evidence review and conduct a site visit or telephone call.

Key findings to date

Our conclusion to date is that the **evidence provided by the sampled participants, supports their completed self-assessment status in the majority of cases**. Where there is lack of alignment, these have been reported to Ofgem and fed into the GONG Management workstream with mitigating actions identified.

- **6 participants have demonstrated good quality documentation that supports their self-assessment status.**
- **6 participants have demonstrated good quality documentation but evidence is currently incomplete.** This evidence has been requested from these participants and/or site visits/calls are planned to review outstanding evidence.
- **1 participant has provided good quality documentation, however, the overall 'Green' self-assessment status is not considered to be fully reflective of their current programme status.** Through further review with the participant, actions are now considered to be in place to resolve the underlying issue.
- **2 participants are yet to provide requested documentation and therefore, we have been unable to evaluate whether evidence supports their self assessment status.** This will be followed up and escalated as required as we complete the remainder of the GONG G3 assurance activity.

Discuss

Xoserve G3 Status Summary

Aggregate G3.2 RAG 

The aggregate RAG status at G3.2 remains **AMBER / GREEN**. The overall risk profile is however growing given the limited time available to apply mitigations ahead of Go Live. Data defect close out remains a priority with fix efforts being focused by defect materiality. Fully defining detailed PIS processes is another key priority

Pillar	Ref.	G3 Criteria	G3.1	G3.2	Key Achievements	Residual Risk Areas
Meets industry requirements	1.5	Bulk and Delta Data Loads	G	G	<ul style="list-style-type: none"> MTR contingency closed on 21/4 Cutover plan updated with IDR2 learnings Traceability maintained for Change Requests 	
	1.6	C1 / C2 Process built and tested in MT	G	G		
	1.8	Cutover plans aligned to low level design	G	G		
	1.9	Requirements Traceability	G	G		
Stable	2.1	Non-functional testing	A	A	<ul style="list-style-type: none"> IDR3 achieved notional PNID and catch-up processing to plan Functional defects are being assessed to determine Regression Testing needs in order to safeguard solution stability Fall Out Management Approach in place to handle data issues identified during IDRs / Cutover 	<ul style="list-style-type: none"> NFR traceability on-going (albeit nearing completion) Penetration Test and Disaster Recovery Test outcomes require analysis to determine if any remedial actions is needed ahead of Go Live Data migration defects persist with resolutions prioritised based on production 'need date' Production data fix activity required to address residual Meter Read defects
	2.2	Process to manage code stability	G	G		
	2.3	Business Continuity and Disaster Recovery	G	A		
	2.4	Detailed system cutover plan	G	G		
	2.5	Data migration testing (Dress Rehearsals)	G	G		
	2.6	Data migration defects	A	A		
Sustainable	3.2	Business process documentation	A	A	<ul style="list-style-type: none"> PIS release definition work progressing in line with communicated plan Industry engagement underway to define interim governance arrangements 	<ul style="list-style-type: none"> LWI plans remain challenging – prioritisation in place to focus on those which are required for Day 1 Hand offs between PIS substreams need to be clearly defined – workshops in progress to establish the next level of detail Operational Reporting / MI yet to be finalised
	3.3	Knowledge Transfer	G	G		
	3.4	Post Go Live release plan	G	G		
	3.5	Data governance	G	G		
	3.6	Cutover governance defined	G	G		
	3.7	Hypercare IT support processes	A	A		
Consumer Experience	4.1	FAQs and Communications	G	G	<ul style="list-style-type: none"> Training underway and on plan PIS exit criteria approved 	<ul style="list-style-type: none"> Manual workaround understanding is there, further assessment is needed to determine full FTE implications Higher than anticipated volumes of exceptions may also have Ops impacts – core/flex support team model being deployed
	4.2	Hypercare exit criteria	G	G		
	4.3	Organisational Structure	A	A		
	4.4	Training	G	G		
Wider Risk Factors	<ul style="list-style-type: none"> Design documentation updates remain in progress (not deemed day 1 essential) Data archiving solution yet to be finalised (not deemed day 1 essential) 					

* - The Xoserve Portal submission is Green as only full colours can be reported on the portal

Discuss

GONG Industry Criteria – Assurance Delta View



- Summary findings documented below are based on a review of ongoing GONG management processes and Xoserve GONG status as submitted for Gate 3 on 20th April 2017. Note – The ‘delta’ views expressed within this table relate only to risk areas that drive a perceived status difference in the Industry GONG criteria, as seen below.

Pillar	Ref.	G3 Criteria	Xoserve	Baringa	Reason for Delta	Mitigation Actions Required
Meets industry requirements	1.5	Bulk and Delta Data Loads	G	A	• Data fix activity is required to rectify outstanding Delta Defects related to Meter Reads.	• Ensure that the Meter Read data fix mechanism is fully tested and results validated by the business ahead of usage in Production.
	1.6	C1 / C2 Process built and tested in MT	G	G		
	1.8	Cutover plans aligned to low level design	G	G		
	1.9	Requirements Traceability	G	G		
Stable	2.1	Non-functional testing	A	A	• N/A	• N/A
	2.2	Process to manage code stability	G	G		
	2.3	Business Continuity and Disaster Recovery	A	A		
	2.4	Detailed system cutover plan	G	G		
	2.5	Data migration testing (Dress Rehearsals)	G	G		
	2.6	Data migration defects	A	A		
Sustainable	3.2	Business process documentation	A	A	<ul style="list-style-type: none"> • The iGT File processing issue identified in IDR3 has identified some communication channels/routes of escalation that require additional control points adding for Incident Management • Timelines for delivery of planned PGL activities are challenging, with Programme focus continuing to be on critical path activities ahead of Go Live • Greater clarity is needed over how the PIS environment approach will support the Post Go Live release plan and ‘fix on fail’ requirements. 	<ul style="list-style-type: none"> • Perform root cause analysis and implement additional control points to ensure effective comms and escalation of cutover incidents • Appoint a delivery lead to take overall delivery accountability for Post Go Live workstream activities and establish appropriate governance within Xoserve to support delivery • Increase clarity of environment provision & planning within Programme governance.
	3.3	Knowledge Transfer	G	G		
	3.4	Post Go Live release plan	G	A		
	3.5	Data governance	G	G		
	3.6	Cutover governance defined	G	A		
	3.7	Hypercare IT support processes	A	A		
Consumer Experience	4.1	FAQs and Communications	G	G	• N/A	• N/A
	4.2	Hypercare exit criteria	G	G		
	4.3	Organisational Structure	A	A		
	4.4	Training	G	G		

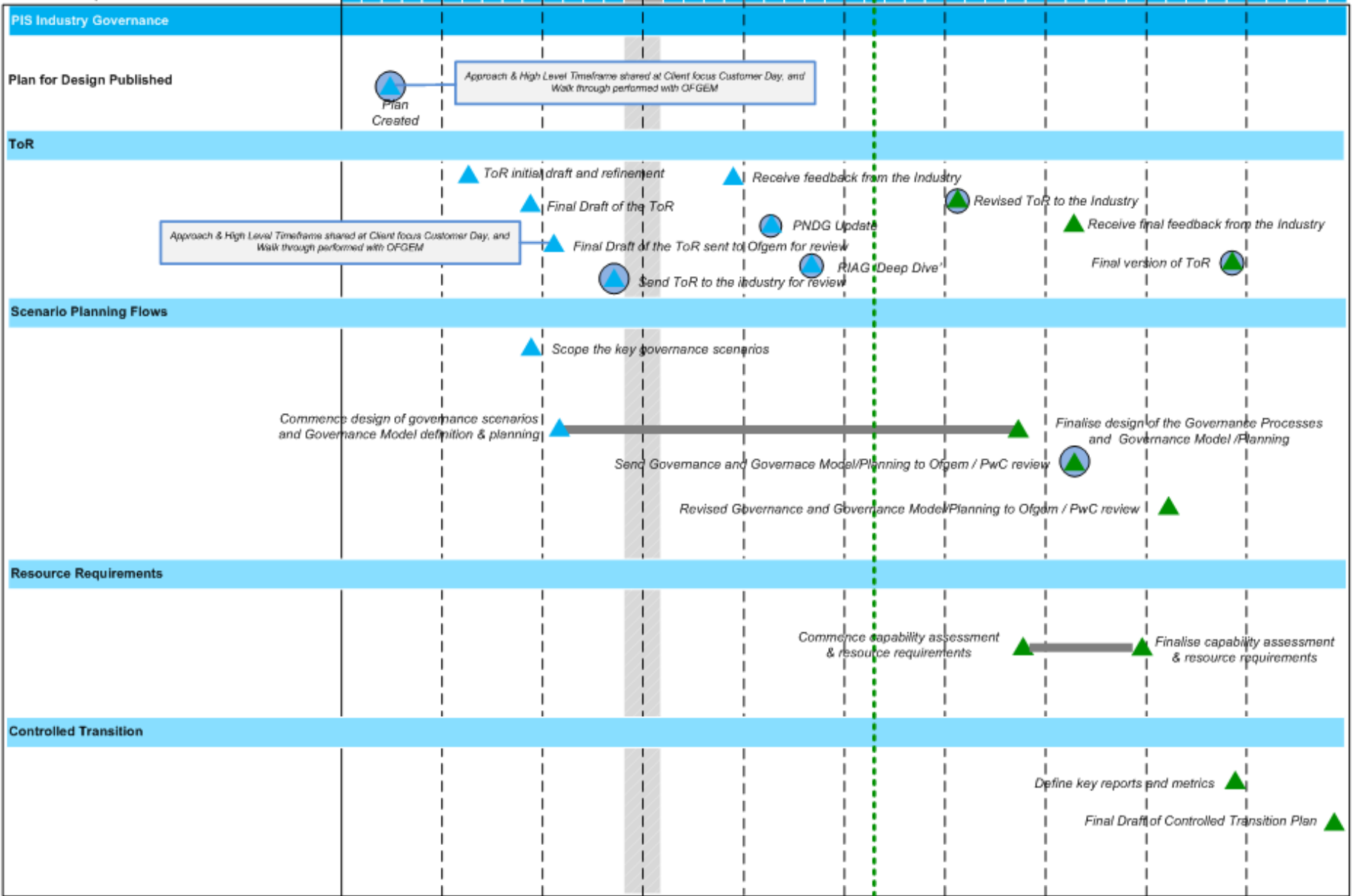
B- Post Go Live Industry Governance- 02/05/17

Milestone
 Slip/expected delay
 Industry Activity
 Contingency
 Milestone Complete
 On Track
 On track but being closely monitored
 Increased risk: Urgent mitigation required
 At risk: Manageable with mitigation
 Significant risk: Immediate mitigation required
 Under Review
 POJAP Released
 Industry Governance
 Industry Engaged

Week

March 27-31	April 1-2	April 3-9	April 10-16	April 17-23	April 24-30	Today	May 1-7	May 8-14	May 15-21	May 22-28	May 29-31	Jun 1-2																	
M	T	W	T	F	M	T	W	T	F	M	T	W	T	F	M	T	W	T	F	M	T	W	T	F	M	T	W	T	F

Activity



Post Go Live Status Report

Project Nexus: 04 May 17

Sponsor: Rob Salter Church

PMO: Melisa Findlay

End Date: 01 Jun 17

RAG Status	Post Go Live
Overall	● ↔
Xoserve	● ↔
Baringa <small>view of Xoserve</small>	n/a
Participants	● ↔

Workstream Status:



Programme Trend:



Since:

11 Apr 17

Post Go Live Background: The current Project Nexus Plan on a Page (POAP) finishes at Go Live. The purpose of the cross-industry workstream for Post Go Live is to set out the preparation steps and milestones to deliver support for the period after Go Live through to when industry moves to a BAU phase.

Overall RAG Commentary:

Status is Amber as Post Go Live Governance design has extended beyond April. First draft of ToRs received c150 comments which are being responded to and being incorporated into the latest iteration of the ToRs. A further iteration may be required to ensure broad engagement. 1st July is agreed as earliest start of PIS governance transition; the plan was revisited and delayed tasks re-planned. Based on ToR feedback, 6 themes will have a deep dive industry discussion. The next PIS Release workshops continue – with a number of issues being worked through

Achievements since last PNDG:

- RIAG updated with latest plan.
- ToR: feedback has been reviewed and the agreed adjustments are being completed.
- C150 comments received from 6 participant organisations (including Ofgem).
- Comments due to be published w/c 8th May to enhance broader engagement.

Remediation Action:

- Xoserve is ensuring priority is afforded to this activity to recover the delayed activities – including Director-level sponsorship within Xoserve.
- The Governance Stability Period and exit criteria that govern exit from it will ensure that Post Go Live Governance model is not implemented before it is designed, tested and approved.
- Further engagement on the Post Go Live Governance Model will continue with a 2nd review cycle for Terms of Reference.

Upcoming activities:

- ToR revised versions and Xoserve’s answers to be published and available for the Industry w/c 8th May 17 with key themes related to decision-making of groups; attendees; and ensuring groups are not duplicating activities and effort.
- Continue with the design of the key governance processes flows, covering the interaction among the groups using “scenarios” to test interactions - targeted before 17th May.

Key Messages:

- Workstream currently prioritising activity to support PGL Industry Governance.
- PIS Release Planning has continued and is a Hot Topic at PNDG.

Summary of Risks and Issues

#	ID	Milestone Affected	Description	Mitigation Action	Action Owner	Rating
1	R076	Post Go Live	There is a risk to settlement as a result of a lack of clarity with respect to governance post Go Live.	A203 - open	Xoserve Ofgem	12
4	R102	T1.6 IDR3 Complete	Xoserve have based their sizing of the catch-up batch and other cutover activities (e.g. delta load) on the volume of transactions seen during the equivalent period last year. It is essential that Market Participants inform Xoserve if there is any risk of them generating volumes in excess of those to be expected from normal behaviour.	A233 - closed	Xoserve	12
5	R106	Post Go Live	There is a risk that the cumulative effect of all the manual work arounds that Xoserve have in place is unsustainable.	N/A	N/A	8
6	R107	T3.5 Cutover Plan Complete	There is a risk that one or more Market Participants makes changes to their code after the end of Market Trials Regression, which means that their files are not correctly processed or rejected by Xoserve's systems during catch up.	N/A	N/a	8

RAG Rating Legend:



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



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



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



Decision to be made



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



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

Action Log

Action #	Action	Progress	Owner	Status	Due	Forum
A254	Xoserve are to provide relevant Market Participants with the business continuity plans for Commodity Invoicing.	A draft of the Capacity Invoice scenario has been provided for comment to Transporter Representatives along with a sample of the information available for the outstanding defects. These have highlighted some further requirements for clarification of the information, a follow up meeting is scheduled for 4 th May where these clarifications will be walked through with relevant Market Participants.	Xoserve		21 Apr 17 => 28 Apr 17 => 04 May 17	PNDG
A260	Xoserve are to consider what governance mechanism is required to manage changes to milestones on the PIS Industry Governance POAP.	Due date postponed to 09 May 17.	Xoserve		20 Apr 17 => 09 May 17	PNDG
A268	Respond to query regarding confirmation references and implications for SSPs and LSPs	If a Confirmation is accepted by the iGT these should be sent to Xoserve in the Cutover files they have agreed to submit on 23 May 17. Xoserve will then process these files. Xoserve intend to issue new SAP Confirmation numbers on 26 May 17. If the confirmation is not accepted by the iGT then these will not be passed to Xoserve. These meter points should be Confirmed within the Xoserve system after 01 Jun 17 PNID. These processes were agreed at TPG.	Xoserve		12 May 17	PNDG
A269	Xoserve to clarify arrangements for consultation on enduring governance arrangements once Ofgem has stepped away from Project Nexus sponsorship	Update required from Xoserve.	Xoserve		12 May 17	PNDG

Appendices

#	Title	Slide
1	Meeting Governance	24 - 25
2	Baringa CSA Programme Report	26 - 28
3	Hot Topic - PIS Release Plan	29
4	Disclaimer	30
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6		
7		
8		
9		

Governance: Meetings

RIAG Meeting Focus

11 May 17	25 May 17	08 Jun 17
<ul style="list-style-type: none"> Final review of Risk Log ahead of GONG decision 	<ul style="list-style-type: none"> Post Go Live 	<ul style="list-style-type: none"> TBC

Future PIS Governance

- Post Go Live Governance model (PIS) and the associated governance meetings are under development. Meeting names and agendas to be updated in due course. These will replace the current meetings in a phased approach after a governance freeze to ensure stability over the cutover period.

PNDG Meeting Focus

09 May 17	23 May 17	06 Jun 17	20 Jun 17	04 Jul 17
<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 	<ul style="list-style-type: none"> Programme update Workstream update

PNSG Meeting Focus

04 May 17	15 May 17	16 May 17	17 May 17	19 May 17	09 Jun 17
<ul style="list-style-type: none"> Final G3 Assurance report Final G3 Assurance position Final G3 Readiness status <p>Complete</p>	<ul style="list-style-type: none"> Transmit only [Open Invite] PwC/Ofgem hosted walkthrough of Go Live Decision. 	<ul style="list-style-type: none"> Constituent Meetings 	<ul style="list-style-type: none"> IDR3 Exit Report Transition Progress Dashboard Risk Acceptance or closure Xoserve final G3 Readiness Status 	<ul style="list-style-type: none"> GONG Decision PwC Updated Final GONG MP Readiness Status Baringa Final GONG Assurance Report Xoserve Final GONG Readiness Status PwC Updated Final GONG Assurance Report 	<ul style="list-style-type: none"> TBC

PNSF Meeting Focus

10 May 17
<ul style="list-style-type: none"> Programme update Outcome of IDR2 and IDR3 GONG Assessments Go Live preparations

DMG

18 May 17	28 Jun 17
<ul style="list-style-type: none"> GONG 4 (Data) Mitigations Post-live comms 	<ul style="list-style-type: none"> Exception Handling Post Go Live data cleansing

TPG

10 May 17	7 Jun 17
<ul style="list-style-type: none"> IDR3 Lessons Learnt Walkthrough of IRG Test Scenarios from IDR3 	<ul style="list-style-type: none"> TBC

CSA Programme Board Report

UK Link Programme

Client: Xoserve

Dated: 03 May 2017

Version: v1.0



Executive Summary



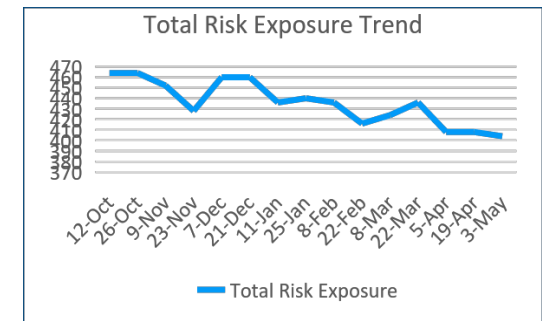
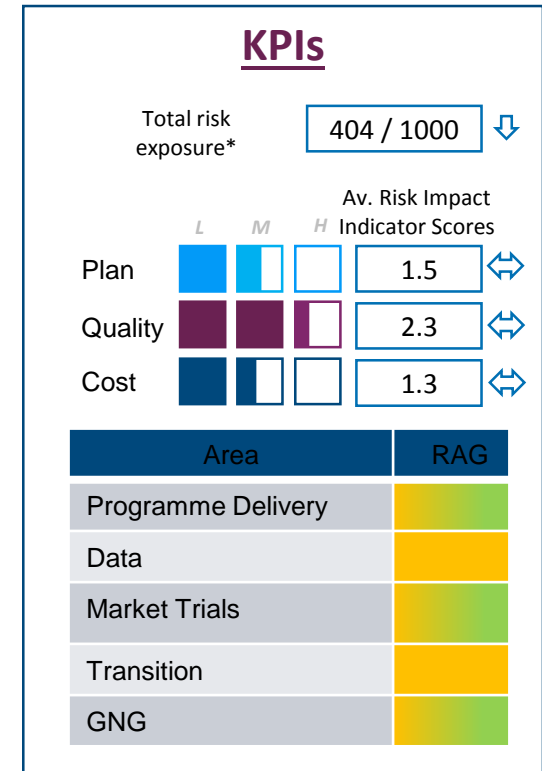
The Programme status is held at **Green/Amber** for this period with the top 10 overall risk exposure remaining static. Pockets of risk have formed and require point intervention to mitigate both pre and post Go Live.

KEY RISK AREAS

- ▶ **PIS** – Low level interlinks and hand offs between PIS substreams continue to be defined and processes must be supported by appropriate operational reporting
- ▶ **Data/Transition** – Delta defects persist and data/defect fix activity is still to be performed to address key Meter Read & EBF defects
- ▶ **Local Work Instructions** – Progress is still lagging behind the rates required to close out local work instruction definition within the operational teams.

KEY MITIGATION ACTIONS

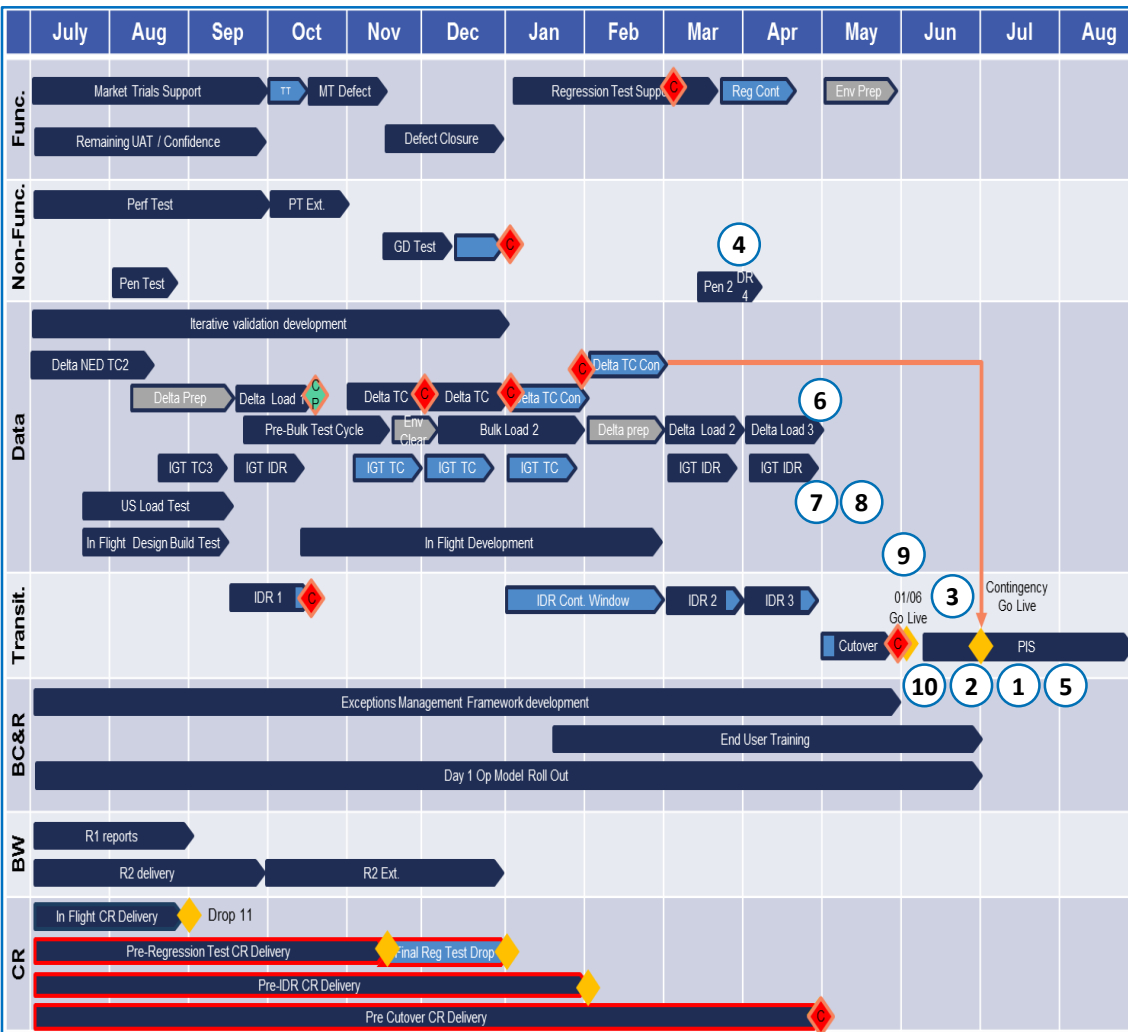
- ▶ Increase focus and management attention on closing out the set of Business Readiness Testing gaps/actions & Prioritisation of Local Work Instruction delivery
- ▶ Execute reporting gap analysis & Baseline operational reporting requirements with business owners
- ▶ Confirm delivery plans for Meter read and EBF data migration defects
- ▶ Appoint an additional Project Manager to sit across all of the Post Go Live Streams and ensure delivery to plan.



Plan Impact Points



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



	ID	Risk Description
Programme Delivery	#01 ↓	PIS roles and responsibilities – greater clarity over detailed roles & responsibilities and ways of working within PIS is required inc. interlinks with Ops
	#02 →	Day 1 Reporting – Operational reporting requirements need finalising to ensure essential MI is available and consistently reported across all areas
	#03 ↑	LWIs – LWI update/creation progress has been slow to date and there is a risk that some work instructions won't be ready for Go Live
	#04 →	Managing code stability post MTR – Regression testing activities need institutionalising to mitigate the risk of further minor functional change post MTR
	#05 →	Manual workarounds and related BC&R impacts – there is a risk that the volume of workarounds related to deferred changes and defects expands to an unsupportable level and increases scope for BC&R
Data	#06 ↓	Delta Defect Rates – Delta defects persist and data fix activity is still to be performed to address Meter Read inconsistencies in Production
	#07 ↑	Easy Billing Framework (EBF) migration solution – plans for remaining test activity need solidifying in order to fully prove the EBF migration solution ahead of cutover
	#08 ↓	Data team resourcing – there is a risk that all parallel activities within the data plan cannot be supported with the current resource profile
Transition	#09 →	Industry governance transition – greater clarity is needed on governance transition plans to ensure that the necessary decision making / escalation fora are in place to support the immediate post Go Live period
	#10 →	Day 1 Exceptions Handling – There is a risk that Xoserve is underprepared to handle 'Day 1' exceptions, leading to SLA breaches

Hot Topic - PIS Release Plan

Placeholder

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