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

11 April 2017

Covering the period: 24 Mar 17 – 06 Apr 17

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

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Programme Status Report

Project Nexus: As @ 06 Apr 17
Sponsor: Rob Salter-Church
PMO: Melisa Findlay
End Date: 01 Jun 17

RAG Status	Market Trials	Data	Transition	GONG	Post Go Live
Overall	🟡⬆	🟡⬆	🟡⬆	🟡↔	🟡
Xoserve	🟡↔	🟡↔	🟡↔	🟡⬆	🟡
Baringa (view of Xoserve)	🟡↔	🟡↔	🟡↔	🟡↔	n/a
Participants	🟡⬆	🟡↔	🟡⬆	🟡↔	🟡

Programme Status:

Programme Trend: ⬆

Since: Since last PNDG

Legend:
- 🔴 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 five workstreams: Project Delivery (Solutions and Services); Market Trials; Data (Migration and Cleansing); Transition; and GONG.

Activities since last PNDG:
- MT 2.6 MT Regression complete is realised with caveats.
- IDR2 exit and IDR3 entry has been endorsed by PNSG.
- G2 Milestone has completed on schedule.
- Second mini DMG has confirmed iGT and Shipper confidence with iGT data reconciliation.

Upcoming activities:
- Manage completion of residual MT test lines.
- Prepare for and commence IDR3.
- Analyse first G3 portal submission.
- Continue with GONG assurance activities.
- Xoserve to continue Post Go Live planning.

Overall RAG Commentary: The Programme returns to Amber / Green reflecting the closure of key workstream risks and the realisation of MT 2.6 MT Regression complete and completion of T1.5 IDR2 Complete.
Market Trials: is Amber / Green reflecting the exit of MT Regression with caveats. 10 'Ofgem agreed' Market Participants are being managed through the completion of 37 specifically agreed test lines prior to 21 Apr 17.
Data: is Amber / Green as a consequence of key risk areas (In Flights, IDR2 data load, and iGT data inconsistencies being significantly improved).
Transition: is Amber / Green as a result of a successful exit of IDR2 and acceptance by the PNSG of entry into IDR3. A number of activities and lessons learned will be incorporated into IDR3.
GONG: Is Amber / Green which is reflective of the completion of G2. The Amber element reflects the known exceptions and work required to mitigate them. In particular, the focus on Post Go Live arrangements.
**Post Go Live:** is Amber and reflects Xoserve's recognition that engagement with Industry must proceed at pace in order to involve and communicate with Market Participants.

Remediation Action:
Market Trials: Will continue to manage the remaining Market Participants completion of agreed test lines until 21 Apr 17. **Data:** Continues to monitor data activities and work through any issues with DMG. Monitoring of IDR3 and G3 portal submissions will commence. **Transition:** Ensure that lessons learned from IDR2 are incorporated into IDR3 planning and that a plan is in place to resolve IDR2 defects prior to IDR3. Additionally, ensuring that In Flight solution for Unique Sites is tested prior to commencement of IDR3 **GONG:** Assessment of the 1st G3 portal submission with support to those Market Participants who require follow up. Also, supporting the Post Go Live workstream by collaborating on GONG information.
Post Go Live: Industry wide engagement will commence to ensure clear lines of communication.

Market Trials Plan
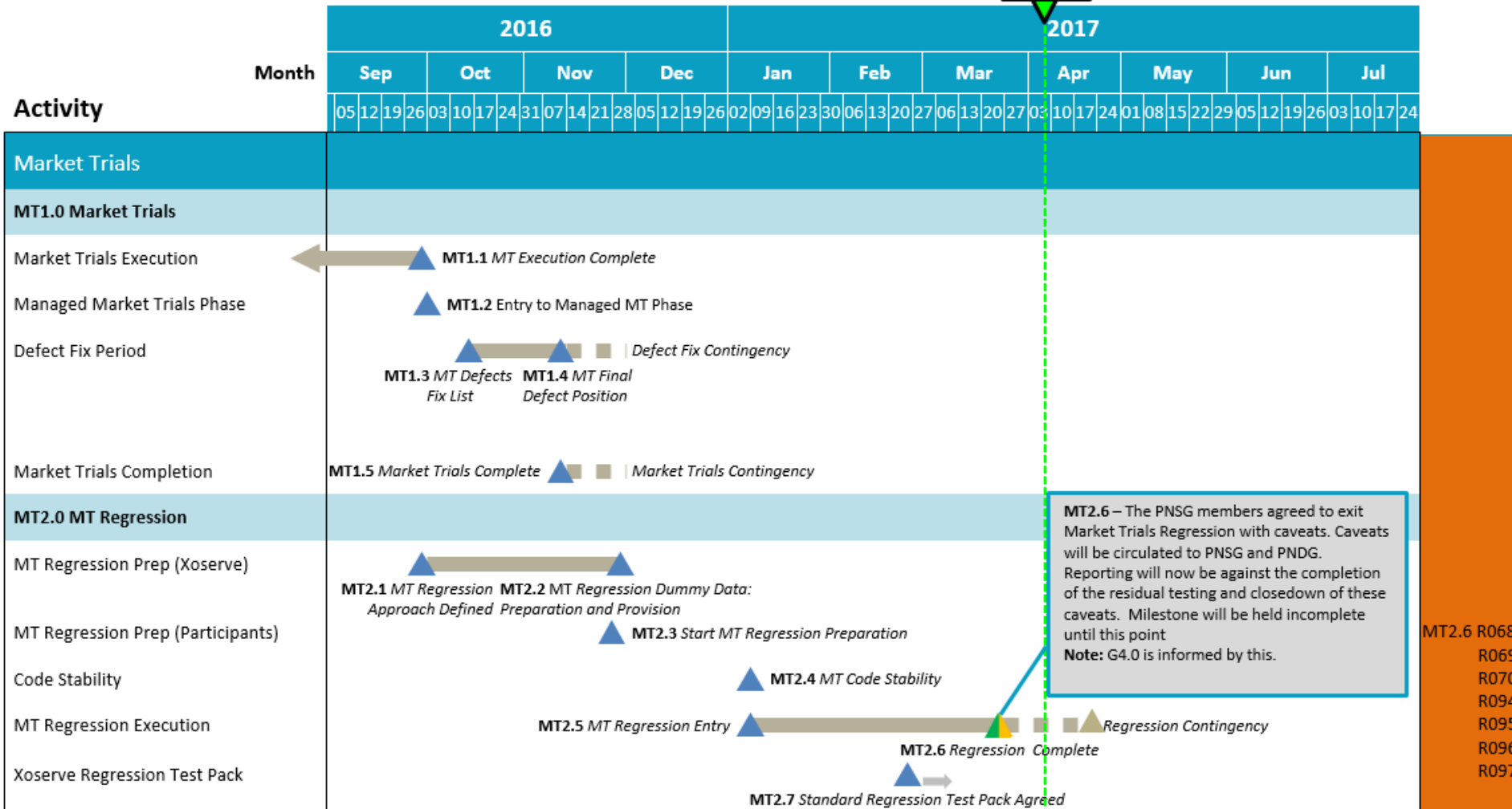
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Market Trials Status Report

Project Nexus: As @ 06 Apr 17
Sponsor: Rob Salter-Church
PMO: Melisa Findlay
End Date: 01 Jun 17

RAG Status	Market Trials
Overall	◐ ⬆
Xoserve	◐ ⬌
Baringa view of Xoserve	◐ ⬌
Participants	◐ ⬆

Workstream Status:

Programme Trend: ⬆

Since: Since last PNDG

	MTR Exit Caveat		Action	Target Date	Status	Key metrics (@29 Mar 17)	Information source / point
1	Remaining approved MTR test lines are completed.	1.1	Approved test lines to be completed.	21 Apr 17	On Track	**7 of 37** test lines complete. **2 of 10** participants complete.	**PwC** @03 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.	21 Apr 17	On Track	**49** P3 defects agreed for PGL fix. **12** P3 defects pending final agreement for PGL fix. **16** P3 defects under assessment.	**Xoserve** @04 Apr 17
		2.2	Deployment date confirmed for code impacting P2 defects to be fixed pre Go Live.	21 Apr 17	On Track	**8** P2 open defects agreed for fix. **TBC** P2 defects pending deployment date.	**Xoserve** @03 Apr 17
		2.3	Test approach agreed for code impacting P2 defects to be fixed pre Go Live.	21 Apr 17	On Track	**8** P2 open defects with test approach agreed. **0** P2 open pending test approach agreement.	**Xoserve** @03 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.	21 Apr 17	On Track	**21** workarounds approved and tested. **26** workarounds 'in progress'.	**Xoserve** @03 Apr 17
		3.2	Xoserve confirm they can support workarounds operationally.	21 Apr 17	On Track	The required headcount to support the manual workarounds identified to date is built into the PGL structure for postponed CR's and defects.	N/A
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.	24 Mar 17	Complete	Support confirmed by Xoserve following review of approved test lines.	N/A

The PNSG decided to formally exit MTR at a market level on 24 Mar 17 subject to a number of caveats, which involve an approved level of specific closure activity up to 21 April 17. The purpose of this slide is to report on progress and completion of this closure activity.

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Defect Position @ 05 Apr 17

| No. of files processed: 10,903 | No. of transactions: 177,553 | No. of active participants: 36 |

| TICKETS	Total	Notes
Participant Raised MTR Tickets:	**246**	**Information taken from IT360**
Currently being assessed	30	All tickets are raised at P3 in IT360. Includes items being processed as defects.
Resolved	87	
Rejected (52%)	129	Either after initial triage, or following further analysis.

DEFECTS (all test areas included)	External / (Internal)		Total	Severity				Notes
Defects Open at and since 09-Jan:	**97**	**(366)**	**463**	**P1**	**P2**	**P3**	**P4**	**Information taken from HPQC**
To be assigned	0	(4)	4			- (4)		3 x new defects; 1 x IDR2 defect
Following assessment process	6	(8)	14			6 (7)	- (1)	
Awaiting fix decision	1	(0)	1			1 ()		Escalations being reviewed
Fix approved and in progress	3	(23)	26		- (6)	3 (15)	- (2)	
N/A – Xoserve internal	7	(64)	71		- (7)	7 (57)		
Total open:	**17**	**(99)**	**116**		**- (13)**	**17 (83)**	**(3)**	
Manual workaround – In progress	7	(17)	24			7 (15)	- (2)	
Manual workaround – Approved	1	(0)	1			1 ()		
Post Go Live (PGL)	23	(43)	66		- (1)	23 (35)	- (7)	52 previously presented to industry
Post-RDB status	2	(4)	6		(1)	2 (1)	- (2)	
Closed as Passed	38	(150)	188	- (4)	2 (51)	36 (90)	- (5)	Includes deployed fixes.; 3 x Cl as CR
Closed as Duplicate		(8)	8		- (1)	- (6)	- (1)	
Closed as Rejected	9	(45)	54		- (10)	9 (29)	- (6)	
Actions Resolved:	**80**	**(267)**	**347**	**- (4)**	**2 (64)**	**78 (176)**	**- (23)**	

Defect Position @ 05 Apr 17

Breakdown of defects by Test Area								Notes
Defects Open at and since 09-Jan:	**Open** External / (Internal)	**Total Open**	**P1**	**P2**	**P3**	**P4**	**Actions Resolved**	**Information taken from HPQC**
AMT Testing	- (0)	0					1	
CR Testing	- (2)	2			- (2)		30	
IDR1 / IDR1 Migration	- (25)	25		- (6)	- (16)	- (3)	19	
Market Trials / Market Trials Regression	17 (22)	39		- (1)	17 (21)		195	
Operational Readiness	(50)	50		- (6)	- (44)		94	
SMART	(0)	0					8	
Total open:	**17 (99)**	**116**		**- (13)**	**17 (83)**	**- (3)**	**347**	

Data Workstream Plan
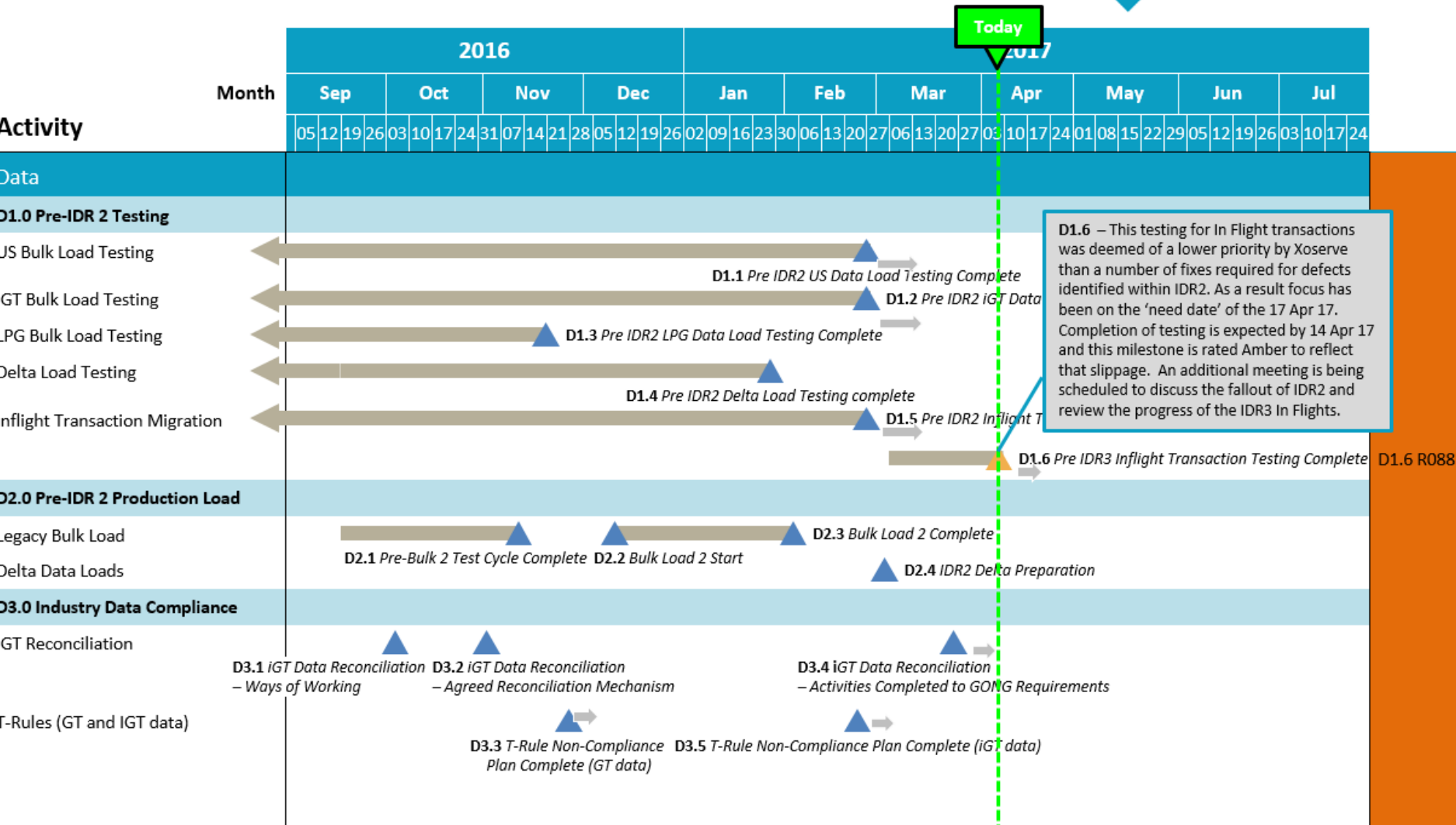
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Data Status Report

Project Nexus: As @ 06 Apr 17
Sponsor: Rob Salter-Church
PMO: Melisa Findlay
End Date: 01 Jun 17

RAG Status	Data	
Overall	🟡	⬆
Xoserve	🟡	⬆
Baringa view of Xoserve	🟡	⬅➡
Participants	🟡	⬅➡

Workstream Status:

Programme Trend: ⬆

Since: Since last PNDG

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

Overall RAG Commentary:
The overall status has improved to Amber / Green as a consequence of key risk areas (In Flights, IDR2 data load, and iGT data inconsistencies being resolved). The outcome of IDR2 is generally positive; the number of parked data defects is small and provides a platform for IDR3 (subject to final outcome of external assurance). There has been good progress on resolving iGT data inconsistencies, and milestone D3.4 is now marked as complete. Market participants who raised concerns in the last portal submission have been contacted and are making progress. Data will always carry a risk but all known issues are being worked.

Achievements since last PNDG:
- All Data sources planned within IDR2 were completed with the overall delivery in line with the low level cutover plan; data defects are managed in line with the agreed Fallout Process.
- iGT Data load performed very well and to plan, with quality better than anticipated.
- IDR 2 has proved the delivery of all data sources during the implementation period, testing control process and providing indication of fix capacity.
- The Mini-DMG on the 05 Apr 17 confirmed good progress in resolving iGT data inconsistencies, D3.4 milestone passed.
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Remediation Action:
- Continue to work issues through DMG.
- Monitor participant progress in the next GONG submission.
- Monitor progress of IDR3.

Upcoming activities:
- IDR3 data preparation.
- IDR3 will test communication of data defects and any parked fallout to participants. Process for this is being finalised.
- Additional DMG proposed in May to walk through data outcome and any fallout from IDR3 to resolve anxiety about data fallout.
- Review and finalise post-transition IDR terms of reference.
- PwC assurance review of Delta prep & Delta 1 IDR2 is in progress.

DMG Key Messages:
- Data continues to pass key milestones.
- Increased confidence following IDR2, iGT data load, and mini-DMG.

Mini DMG Update

Problem Statement: There are differences in the timing of data extraction between Shipper and iGT portfolio data. This has led to discrepancies (e.g. Meter reads) within the information passed between Shippers and iGTs and that held within Xoserve's Interim Database.

Rejections

iGT Focus

Weekly Resubmission Cycle

iGTs

Xoserve (Interim Database)

Portfolio Reconciliation with iGTs - based on extracts from 1st working day of each month

Business as Usual Data Transmission (occurring daily)

Shipper Focus

Portfolio Reconciliation with Shippers Monthly extract to Shippers (delivered in last week of month on mid month data)

Shippers

Shippers raised concerns that the portfolio reconciliation did not match what they saw in their daily interaction with iGTs; there were more differences than reported.

Issue: Because of differences in timing between extracts (which arose out of practical operational constraints) issues addressed by iGTs may not have been visible to shippers in their portfolio extracts. This has led to a loss of confidence.

Resolution: In order to resolve this, two mini DMG's were established to bring those parties involved together to identify a solution. The first on 06 Feb 17 confirmed that the differences noted between iGTs and Shippers were primarily due to timing differences. The second on 05 Apr 17 has confirmed that progress is continuing and that D3.4 is green - as there is a clear plan to resolve remaining inconsistencies.

Current Data Plan Activities

Summary of Current Workstream Plan Activities @ 03 April 17:

Origin	Cycle	Perf	Quality	Progress		Response to RAID
Unique Sites	**IDR2**	G	A	Unique Sites achieved requisite performance as part of IDR2; defects from cycle being analysed for resolution before IDR3 NED via mini cycle US TC3. • **Performance :** Achieved plan timings in IDR2. • **Issues :** None. • **Quality :** Throughout IDR2, 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. US mismatch root cause and fixes are being developed and to be proven (potentially via an internal TC) prior to IDR3.		1. Further US (Test Cycle 3) mini cycle in progress to sweep up "Open" Migration and Quality defects before IDR3.
				Data Defects Landscape	Fallout from cycle	
				25 defects from cycle "parked" for further analysis and fix out of which 23 have been already fixed *8 defects remain from previous cycles – to be addressed before IDR3*	*99% success rate -104 attribute failures for IDR2 – being dealt as part of defect management process*	
iGT inc. DMCSEPs	**IDR2**	G	G	iGT Test load in IDR2 achieved better than planned performance during NED. Better than expected quality also witnessed in cycle. • **Plan:** Achieved better than expected plan timings in IDR2 NED window. • **Issues**: None for period of reporting. • **Quality:** iGT Data load performed very well and achieved quality better than anticipated. Few mismatches found were addressed & rectified as part of the fallout process within the cycle itself; Remaining mismatches being addressed as defects before IDR3.		1. N/A
				Data Defects Landscape	Fallout from cycle	
				X9 defects from cycle "parked" for further analysis and fix out of which 6 have been already fixed	*99.99% success rate - 326 attribute failures for IDR2 – being dealt as part of defect management process*	
LPG	**N/A for IDR2**	G	G	LPG Testing complete. • **Performance:** Proven through previous cycles. • **Issues :** N/A. • **Quality :** X6 "Open" Data defects exist which are being addressed.		1. N/A
				Data Defects Landscape	Fallout from cycle	
				6 - Defects being addressed	N/A	

Read

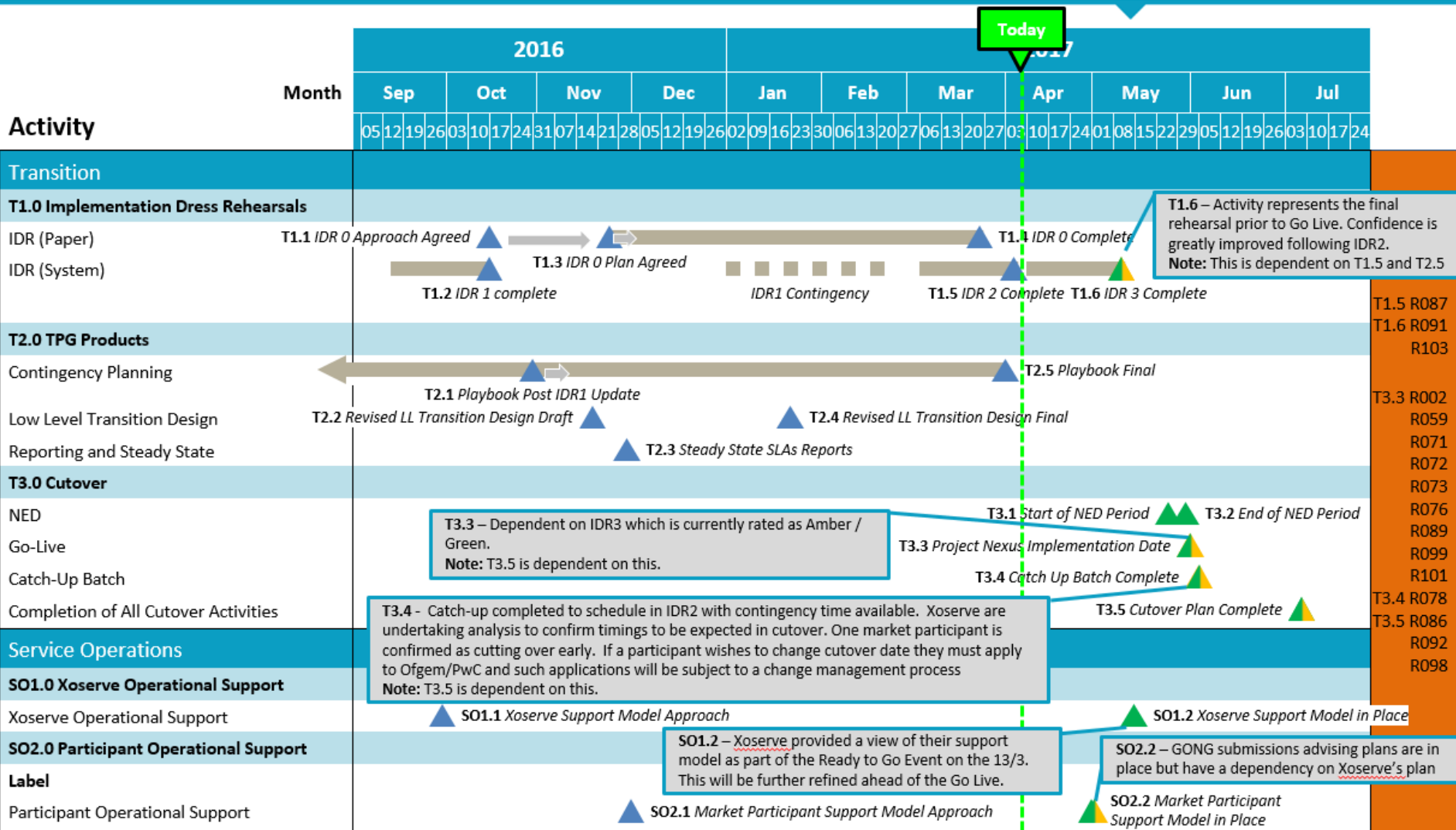**ofgem** Making a positive difference for energy consumers

Current Data Plan Activities

Summary of Current Workstream Plan Activities @ 03 April 17:

Origin	Cycle	Perf	Quality	Progress		Response to RAID
Delta	Delta as part of IDR2	G	G	Delta cycles underway in IDR2, Delta has performed to timescales and has a number of parked defects being fixed and proven. ● **Plan:** Plan performance for Delta remains in line with expected performance. ● **Issues:** None for period of reporting. ● **Quality:** Throughout IDR2, 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 higher than expected number of Delta mismatches were found but a high number were also successfully dealt with and resolved in IDR2 as part of fix windows within cycle. Remaining Delta "parked" have RCA in progress and fixes are being developed and expected to be deployed largely prior to IDR3 as per the prioritisation being undertaken.		N/A
				1. Data Defects Landscape	1. Fallout from cycle	
				38 "parked" mismatches	*99.99% success rate - 844 attribute failures for IDR2 – being dealt as part of defect management process*	
In Flights (Data)	IDR2	A	A	In Flight solution within IDR2 performed well in IDR2, performance tuning and defect 'fix & prove' being undertaken before IDR3. ● **Performance:** validation of full scope in progress. ● **Issues :** None. ● **Quality:** In Flight solution performed well, defects captured from both data and Functional In Flight validation. These are being addressed with a mini cycle focussing of resolution of Inflights before/during IDR3 NED.		1. InFlight defects to be addressed before IDR3.
				1. Data Defects Landscape	1. Fallout from cycle	
				24 "parked" mismatches	TBC	
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	

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Transition Workstream Plan

A Gantt-style timeline chart covering Sep 2016 to Jul 2017 with a "Today" marker positioned around early April 2017.

Transition

T1.0 Implementation Dress Rehearsals
- IDR (Paper): T1.1 *IDR 0 Approach Agreed*; T1.3 *IDR 0 Plan Agreed*; T1.4 *IDR 0 Complete*
- IDR (System): T1.2 *IDR 1 complete*; *IDR1 Contingency*; T1.5 *IDR 2 Complete*; T1.6 *IDR 3 Complete*

T1.6 – Activity represents the final rehearsal prior to Go Live. Confidence is greatly improved following IDR2. **Note:** This is dependent on T1.5 and T2.5

T2.0 TPG Products
- Contingency Planning: T2.1 *Playbook Post IDR1 Update*; T2.5 *Playbook Final*
- Low Level Transition Design: T2.2 *Revised LL Transition Design Draft*; T2.4 *Revised LL Transition Design Final*
- Reporting and Steady State: T2.3 *Steady State SLAs Reports*

T3.0 Cutover
- NED: T3.1 *Start of NED Period*; T3.2 *End of NED Period*
- Go-Live: T3.3 *Project Nexus Implementation Date*
- Catch-Up Batch: T3.4 *Catch Up Batch Complete*
- Completion of All Cutover Activities: T3.5 *Cutover Plan Complete*

T3.3 – Dependent on IDR3 which is currently rated as Amber / Green. **Note:** T3.5 is dependent on this.

T3.4 - Catch-up completed to schedule in IDR2 with contingency time available. Xoserve are undertaking analysis to confirm timings to be expected in cutover. One market participant is confirmed as cutting over early. If a participant wishes to change cutover date they must apply to Ofgem/PwC and such applications will be subject to a change management process **Note:** T3.5 is dependent on this.

Service Operations

SO1.0 Xoserve Operational Support
- Xoserve Operational Support: SO1.1 *Xoserve Support Model Approach*; SO1.2 *Xoserve Support Model in Place*

SO1.2 – Xoserve provided a view of their support model as part of the Ready to Go Event on the 13/3. This will be further refined ahead of the Go Live.

SO2.0 Participant Operational Support
- Label
- Participant Operational Support: SO2.1 *Market Participant Support Model Approach*; SO2.2 *Market Participant Support Model in Place*

SO2.2 – GONG submissions advising plans are in place but have a dependency on Xoserve's plan

Right margin labels:
T1.5 R087
T1.6 R091
R103
T3.3 R002
R059
R071
R072
R073
R076
R089
R099
R101
T3.4 R078
T3.5 R086
R092
R098

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

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Transition Status Report

Project Nexus: 06 Apr 17
Sponsor: Rob Salter-Church
PMO: Melisa Findlay
End Date: 01 Jun 17

RAG Status	Transition
Overall	🟡 ⬆
Xoserve	🟡 ↔
Baringa view of Xoserve	🟡 ↔
Participants	🟡 ⬆

Workstream Status:

Programme Trend: ⬆

Since: Since last PNDG

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 completed on time, with a number of lessons learned that are being incorporated into IDR3 planning. Defects identified during IDR2 are being resolved in readiness for IDR3. Planning for Unique Sites In Flight testing is in progress. The benchmarking from the IDR2 catch up process will be used to help complete the analysis in relation to organisations cutting over early which may inflate catch up volumes (T3.4).

Achievements since last PNDG:
- IDR2 execution completed to plan. Notional PNID met on 23 Mar 2017. Post NED activities, including catch-up simulation completed successfully.
- IDR2 lessons learned documented and fed into IDR3 planning.
- IDR3 Preparation underway, Low Level Cutover Planning workshops progressing to plan.
- Responses provided to queries sent to Transition Box account by market participants.
- IDR0 closure document issued on 23 Mar 17.

Remediation Action:
Ensure that lessons learned from IDR2 are incorporated into IDR3 planning. A plan is in place to resolve IDR2 defects before commencement of IDR3. Defects identified during IDR2 to be shared at the relevant governance forums. Ensure that In Flight solution for Unique Sites is tested prior to commencement of IDR3. Organisations are expected to maintain normal behaviour across the Transition period and apply to Ofgem if they intend to change their notified cutover date.
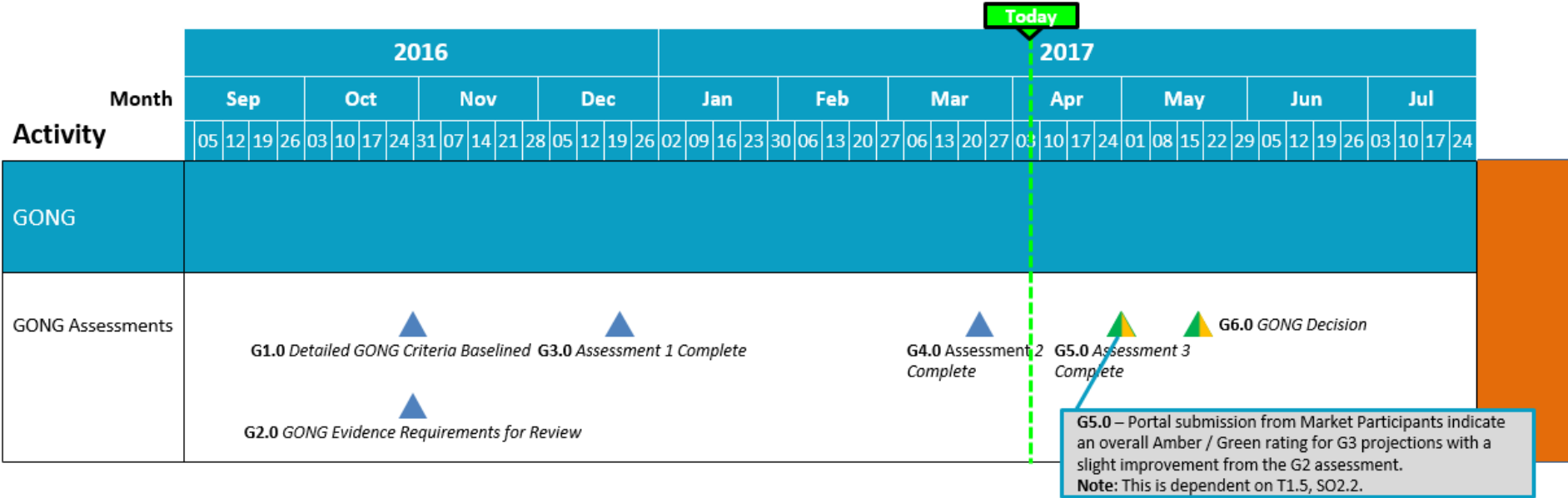
Upcoming activities:
- Next TPG is scheduled for 18 Apr 17. Industry monitoring approach is to be finalised.
- Continuation of IDR3 planning ahead of commencement on the 10 Apr 17.
- Development of Market Participant cutover reporting dashboard by 18 Apr 17.

TPG Key Messages:
RIAG proposed a Smoke Test for the Catch Up batch, which Xoserve agreed to, to mitigate the risk that the catch up batch does not work. Their proposed approach is to test 2 files with limited records from 5 shippers which include iGT representation. The offer has been extended to the industry to volunteer to take part.

Discuss

GONG Workstream Plan

G5.0 – Portal submission from Market Participants indicate an overall Amber / Green rating for G3 projections with a slight improvement from the G2 assessment.
Note: This is dependent on T1.5, SO2.2.

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 |

Discuss

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GONG Status Report

Project Nexus: As @ 06 Apr 17
Sponsor: Rob Salter-Church
PMO: Melisa Findlay
End Date: 01 Jun 17

RAG Status	GONG	
Overall	◑	⬌
Xoserve	◑	⬆
Baringa view of Xoserve	◑	⬌
Participants	◑	⬌

Workstream Status:

Programme Trend: ⬆

Since: Since last PNDG

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: Is rated as Amber / Green. The Green element is driven by the completion of the G2 milestone, with noted exceptions, presented at the PNSG on the 06 Apr 17. There continues to be good engagement with the GONG process, and ahead of the G3 assessment, an action orientated approach will be adopted, to track Market Participant progress against the criteria. The Amber element reflects the known exceptions and the work required to mitigate them, specifically the continued focus on the Post Go live arrangements. The first submission for G3 is on the 06 Apr 17 and an updated position will be provided at the next PNDG on 25 Apr 17 ahead of the G3 milestone.
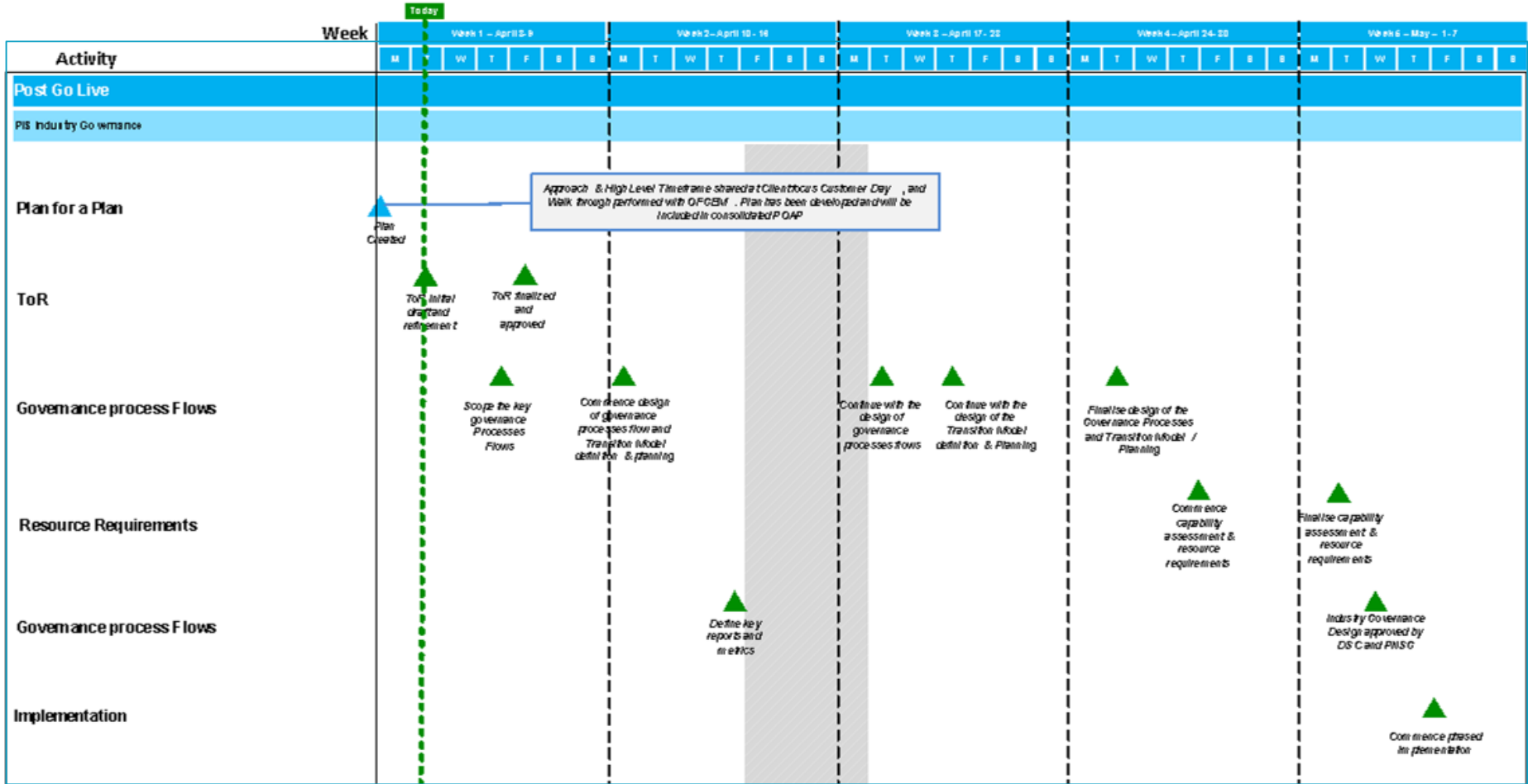
Achievements since last PNDG:
- G2 Milestone is marked as complete with noted exceptions and mitigating actions.
- Project Nexus Supplier information session was held on 03 Apr 17 to provide support to Supplier only organisations.
- Development of the Go Live Decision making approach and principles.

Remediation Action:
- Adopt an action based approach to tracking Market Participant progress against GONG criteria.
- Engage early with selected Market Participants in the G3 assurance sample to ensure evidence is available ahead of the milestone.
- Support the Post Go Live Workstream by providing them the relevant GONG information being submitted by Market Participants as required.

Upcoming activities:
- Continue to track Market Participant progress against attainment of the GONG criteria ahead of the G3 Assessment.
- Confirm the G3 Assurance sample with selected Market Participants and start planning activity.
- Assess the first G3 submission made on 06 Apr 17 and report to appropriate governance forums.
- Rehearse go live decision at 13 Apr 17 PNSG.

Key Messages:
- Reiteration that Evidence needs to be provided to support Market Participant self assessment status and enable the assurance activity to complete.
- G3 Submission due 06 Apr 17 and 20 Apr 17 to support the G3 milestone on 30 Apr 17.
- Market Participants attendance at cross party working groups is strongly encouraged to support the closure of mitigating actions for areas of concern.

PIS Industry Governance POAP

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Today

| Week | Week 1 – April 3-9 | Week 2 – April 10 - 16 | Week 3 – April 17- 23 | Week 4 – April 24- 30 | Week 5 – May – 1-7 |

Activity

Post Go Live

PIS Industry Governance

Plan for a Plan
Plan Created

Approach & High Level Timeframe shared at Clientbous Customer Day, and Walk through performed with OFGEM. Plan has been developed and will be included in consolidated POAP

ToR
ToR, Initial draft and refinement
ToR finalized and approved

Governance process Flows
Scope the key governance Processes Flows
Commence design of governance processes flow and Transition Model definition & planning
Continue with the design of governance processes flows
Continue with the design of the Transition Model definition & Planning
Finalise design of the Governance Processes and Transition Model / Planning

Resource Requirements
Commence capability assessment & resource requirements
Finalise capability assessment & resource requirements

Governance process Flows
Define key reports and metrics
Industry Governance Design approved by DSC and PNSC

Implementation
Commence phased implementation

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

Discuss

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Post Go Live Status Report

Project Nexus: 06 Apr 17
Sponsor: Rob Salter-Church
PMO: Melisa Findlay
End Date: 01 Jun 17

RAG Status	Post Go Live	
Overall	●	↔
Xoserve	●	↔
Baringa view of Xoserve	●	↔
Participants	●	↔

Workstream Status:

Programme Trend:

Since: Since last PNDG

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:
The workstream status is Amber. There is recognition that while Xoserve's thinking in the four streams is progressed, it is now important that engagement activities proceed at pace in order to communicate and collaborate with market participants. This work is now being expedited as per Upcoming Activities.

Achievements since last PNDG:
- Xoserve has received a clear requirements definition from Ofgem and presented a plan-for-developing a post go-live POAP for review at PNSG on 20 April 17.   This plan is included later in this pack.
- The POAP will unite the six areas of Xoserve's Post Go Live preparations (Key BAU, PIS Industry Governance, PIS Release Plan, Fallout closedown, Transition from PIS to BAU and Future Releases).
- A draft plan for the PIS Industry Governance area, is included later in this pack.

Remediation Action:

Cross Industry attendance at the PIS Release Plan & Approach working session is encouraged.
Xoserve has mobilised and resourced the planning elements following receipt of Ofgem's requirements documentation.

Upcoming activities:
- PIS Release Management Working Session planned for 6th April in Solihull (Action from RIAG on 30 Mar 17).
- Plan-for-a-Plan presented to PNSG on 06 Apr 17.

TPG Key Messages:

PIS Industry Governance: The subsequent implementation will be phased based on the transition planned date for each group defined during the design phase".

Post Go-Live Plan: Development
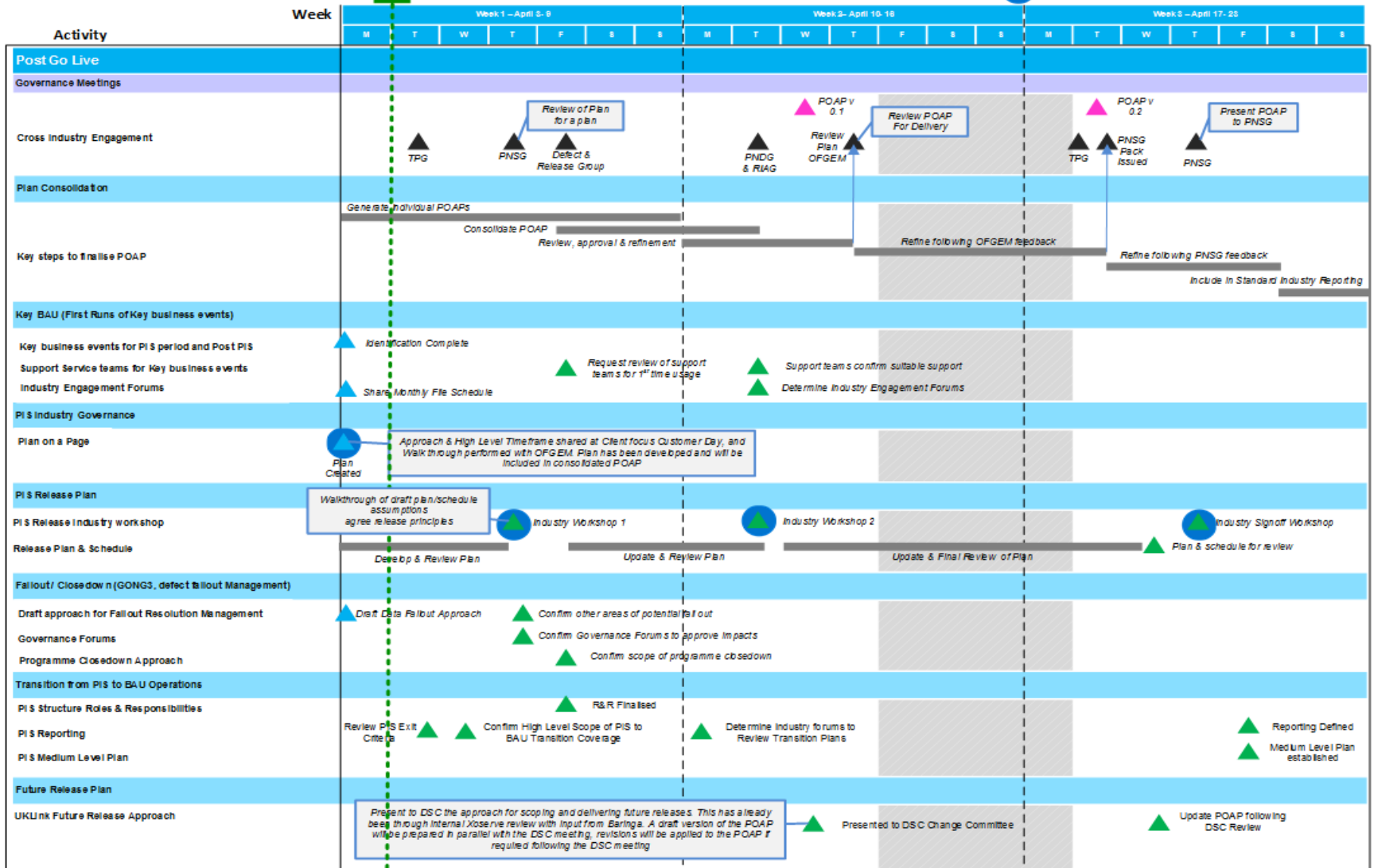
Discuss

Post Go-Live Plan: Terminology

#	Activity	Scope
1	PIS - Key BAU Processes	Identification of the first time that key operational events run within the Post Implementation Support period.
2	PIS Industry Governance	Defining the industry governance landscape for the PIS / Hypercare period of the Programme, along with plans to transition to this model in the run up to / following Go-Live.
3	PIS Release Planning	Identification of the schedule of planned micro code drops during Post Implementation Support (PIS) / Hypercare. These code drops will primarily contain defect fixes required to support PGL operations, as well as potentially defects identified during Market Trials.
4	Programme Fall Out / Close Down	Planning and management of residual Programme activity following Go-Live. This may include Data fall-out items, Resolution of residual GONG activities, Management of PIS Exit Criteria achievement & Programme closedown approach definition.
5	Transition from PIS to BAU Operations	Establishing the plan for transition & handover from PIS arrangements to BAU, including Governance, Change Management, Data & Defect Management.
6	Future Release Planning & Management	Define the approach for and scope of the first two major releases of functionality following UKL PIS and Stabilisation.

respect > commitment > teamwork

Read

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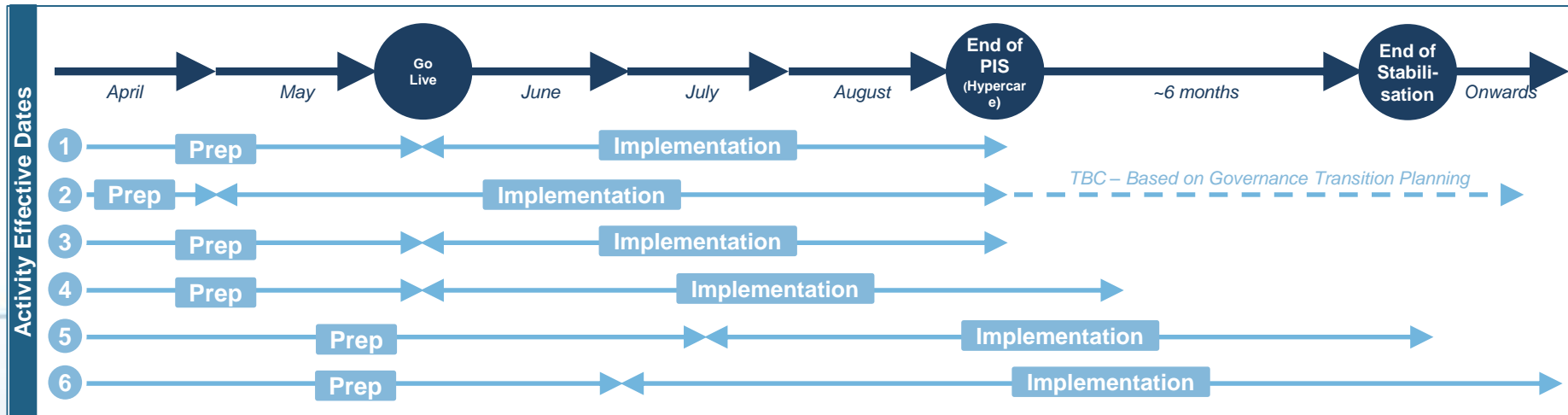
Summary of Risks and Issues

#	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	16
2	R089	G6 GONG Decision	There is a risk that Market Participants do not fully attain the GONG readiness criteria or misrepresent their attainment during the GONG assessment. This could result in post Go Live issues such as exceptions, high number of queries, raising of invalid defects etc. This lack of readiness could impact the non-ready Market Participants, other Market Participants, Xoserve and ultimately end customers .	A234 - open	Ofgem	15
3	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. A specific example of this is R078 which relates to the catch-up process. However, there could be other impacts.	A233 - closed	Xoserve	15
4	R096	MT2.6	There is a risk that the invoicing defects may not have been fixed correctly or that the fixes may have inadvertently created new defects or exposed others. If this is the case then a further invoice run may be required which cannot be completed within the MTR contingency period.	A230 - closed	Pwc	12
5	R097	MT2.6	There is a risk that problems during MT and MTR with the production of IDL files and also the mechanism by which catch-up is effected when files have been missed will result in iGT's portfolios being out of alignment in Go Live.	A242 - closed	Ofgem	12

Discuss

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Action Log

Action #	Action	Progress	Owner	Status	Due	Forum
A200	Xoserve to develop a draft release plan for anticipated deployment of defects etc post 01 May 2017.	This is being addressed within the development of the Post Go Live POAP that is now being reported to PNDG. **PROPOSE TO CLOSE.**	Xoserve		30 Mar 17 => 28 Apr 17	RIAG
A202	Xoserve to propose a process for the governance of defect releases in the Post Go Live context. This is part of a broader risk with respect for the need for clarity on governance in the Post Go Live context.	A meeting is scheduled for 6 Apr 17 with a working group to determine the governance requirements for PIS release / defect fix solution.	Xoserve		15 Apr 17	RIAG
A203	Xoserve to develop a framework for governance during the post-Implementation period to return gas settlement to business as usual. Framework due by end of March 17. Ofgem to review and accept this proposal by 15 April 17. This should include aspects such as the protocols for managing and testing changes, defect drops and future releases.	A meeting is scheduled for 6 Apr 17 with a working group to determine the governance requirements for PIS release / defect fix solution.	Xoserve		15 Apr 17	RIAG
A223	Provide an update on the plans for Post Go Live release(s) at the next PNSG.	Action A252 covers further development of Post Go Live release management strategy. **PROPOSE TO CLOSE**.	Xoserve		22 Mar 17	PNSG
A230	Confirm whether there is a need for an invoice run in April and the nature of such a run if it is required.	An additional invoice run will not be required. **PROPOSE TO CLOSE.**	PwC		24 Mar 17	Xoserve Plan Management Meeting

Discuss

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Action Log

Action #	Action	Progress	Owner	Status	Due	Forum
A234	Undertake high-level contingency analysis of the options when different participant types do not meet the final GONG criteria and are not ready to cutover. Ensure Ofgem understand the process and criteria that will be applied in this event. This information on criteria may not be fully published to the market.	The principles for performing the analysis have been created and are being presented at RIAG on 11 Apr 17. **PROPOSE TO CLOSE**	Ofgem	🔵	31 Mar 17	RIAG
A247	Xoserve to confirm if/how they will confirm gas day timing are acceptable to Market Participants.	This will be addressed at the next TPG on 18 Apr 17.	Xoserve	🔴	28 Mar 17	PNDG
A252	Xoserve are to deliver a release management strategy and plan, with input from RIAG 30 Mar 17, on the approach to releases of fixes to defects post go-live (This is part of a broader risk with respect to the urgent need for clarity on key aspects of market-impacting Post Go Live arrangements). This should cover, but not limited to: ● ToR for Post Go Live governance groups ● POAP ● Whether there is a need for a separate group to address this issue ● Discuss what information is required from MP on their internal constraints on release strategies	A workshop to progress this action has been established for the 06 and 11 Apr 17. A third workshop has been scheduled for 20 Apr 17 to finalise the plan.	Xoserve	🟠	30 Mar 17 => 13 Apr 17	PNDG
A253	Report on Post Go Live Pillar in the next PNDG pack onwards	Post Go Live Pillar is included in report on 11 Apr 17. **PROPOSE TO CLOSE.**	Xoserve	🔵	5 Apr 17	PNDG

Appendices

#	Title	Slide
1	Meeting Governance	25 - 26
2	Baringa CSA Programme Report	27 - 29
3	Hot Topic - IRG Principles - Placeholder	30
4	Disclaimer	31
5		
6		
7		
8		
9		

Governance: Meetings

RIAG Meeting Focus

13 Apr 17	27 Apr 17	11 May 17
• Post Go Live check in • Go-live decision making • G2 themes	• Change overview board check in • RAID log refresh to prepare for the next meeting agenda	• Final review of Risk Log ahead of GONG decision

PNDG Meeting Focus

11 Apr 17	25 Apr 17	9 May 17
• Programme update • Workstream update	• Programme update • Workstream update	• Programme update • Workstream update

A meeting is scheduled for 06 Apr 17 with the PNDG to determine the governance requirements for PIS release / defect fix solution.

PNSG Meeting Focus

06 Apr 17 (F2F)	10 Apr 17 (Webex)	13 Apr 17	20 Apr 17	27 Apr 17	4 May 17
• IDR3 Entry Decision • PwC G2 Interim Assurance report • Baringa IDR2 Exit Assurance report • Xoserve IDR2 Exit report/ IDR3 Entry report	• IDR3 Entry Confirmation	• Simulation of final GONG decision	• IDR3 • Post Go Live POAP	• Go-Live simulation	• Final G3 Assurance report • Final G3 Assurance position • Final G3 Readiness status

PNSF Meeting Focus

10 May 17
• Programme update • Outcome of IDR2 and IDR3 • GONG Assessments • Go Live preparations

Governance: Meetings

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MTWG

05 Apr 17	19 Apr 17
• Review open MTWG actions • Review of progress against MTR caveats	• Review open MTWG actions • Review of progress against MTR caveats

DMG

20 Apr 17	18 May 17	28 Jun 17
• iGT Data Fallout • GONG 3 (Data) • Data Update (XO) • Mitigations • Post-live role of DMG	• GONG 4 (Data) • Mitigations • Post-live comms	• Exception Handling • Post Go Live role of DMG

TPG

04 Apr 17	18 Apr 17
• IDR2 Summary • Hypercare Approach Baseline	• IDR3 Update • Post Go Live role of TPG • Gas day timings

A meeting is scheduled for 06 Apr 17 with the PNDG to determine the governance requirements for PIS release / defect fix solution.

CSA Programme Board Report

UK Link Programme

Xoserve
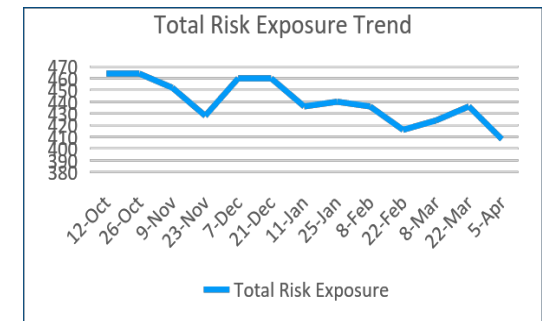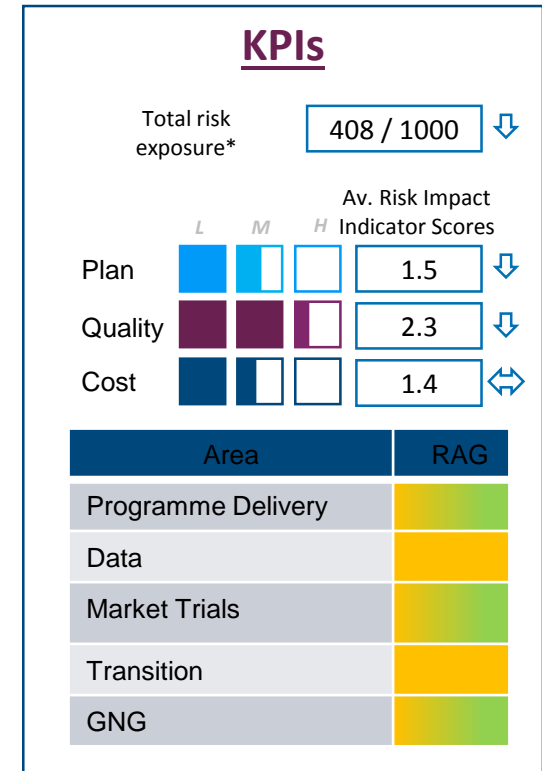5th April 2017
v0.3

Executive Summary

Baringa

The Programme status remains Green/Amber for this period with a reduction in the risk profile of the Top 10 risks, and supported by the successful completion of IDR2. Preparation for IDR3 is now a key focus area and must be carefully managed alongside wider Business Readiness priorities

KEY RISK AREAS

- ▶ **Programme Delivery** – Operational reporting requirements need finalising to ensure essential Day 1 MI is available, consistent across all areas and rolls up to meet Governance requirements
- ▶ **Data/Transition –** The Delta defect fix plan is constrained ahead of IDR3 and there is a risk that issues will therefore be carried into IDR3
- ▶ **Market Trials –** Impact assessment of Operational workarounds continues however no significant FTE impacts have been identified to date
- ▶ **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

KEY MITIGATION ACTIONS

- ▶ Formally baseline reporting requirements with business owners
- ▶ Assess options for variations to the Delta fix strategy between IDR3 and cutover, given the potential need for a greater number of manual/data fixes if defects are carried into the phase or further defects are identified
- ▶ Finalise workaround FTE impact assessments for both CR and defect workarounds
- ▶ Prioritise the LWI delivery plan based on business process criticality and 'need date' (i.e. phasing by business process lifecycle)

KPIs

Total risk exposure* | 408 / 1000 | ⇩

Av. Risk Impact Indicator Scores

	L	M	H	
Plan				1.5 ⇩
Quality				2.3 ⇩
Cost				1.4 ⇔

Area	RAG
Programme Delivery	
Data	
Market Trials	
Transition	
GNG	

Total Risk Exposure Trend

470 460 450 440 430 420 410 400 390 380

12-Oct 26-Oct 9-Nov 23-Nov 7-Dec 21-Dec 11-Jan 25-Jan 8-Feb 22-Feb 8-Mar 22-Mar 5-Apr

— Total Risk Exposure

Plan Impact Points

Read

Baringa

▶ Risk impact points have been overlaid onto the high level programme POAP

▶ Risks are identified on a 'by exception' basis and whilst contributory, do not directly drive the phase/workstream RAG statuses provided

▶ Risk RAG statuses are relative and designed to articulate the potential impact on Programme critical path.
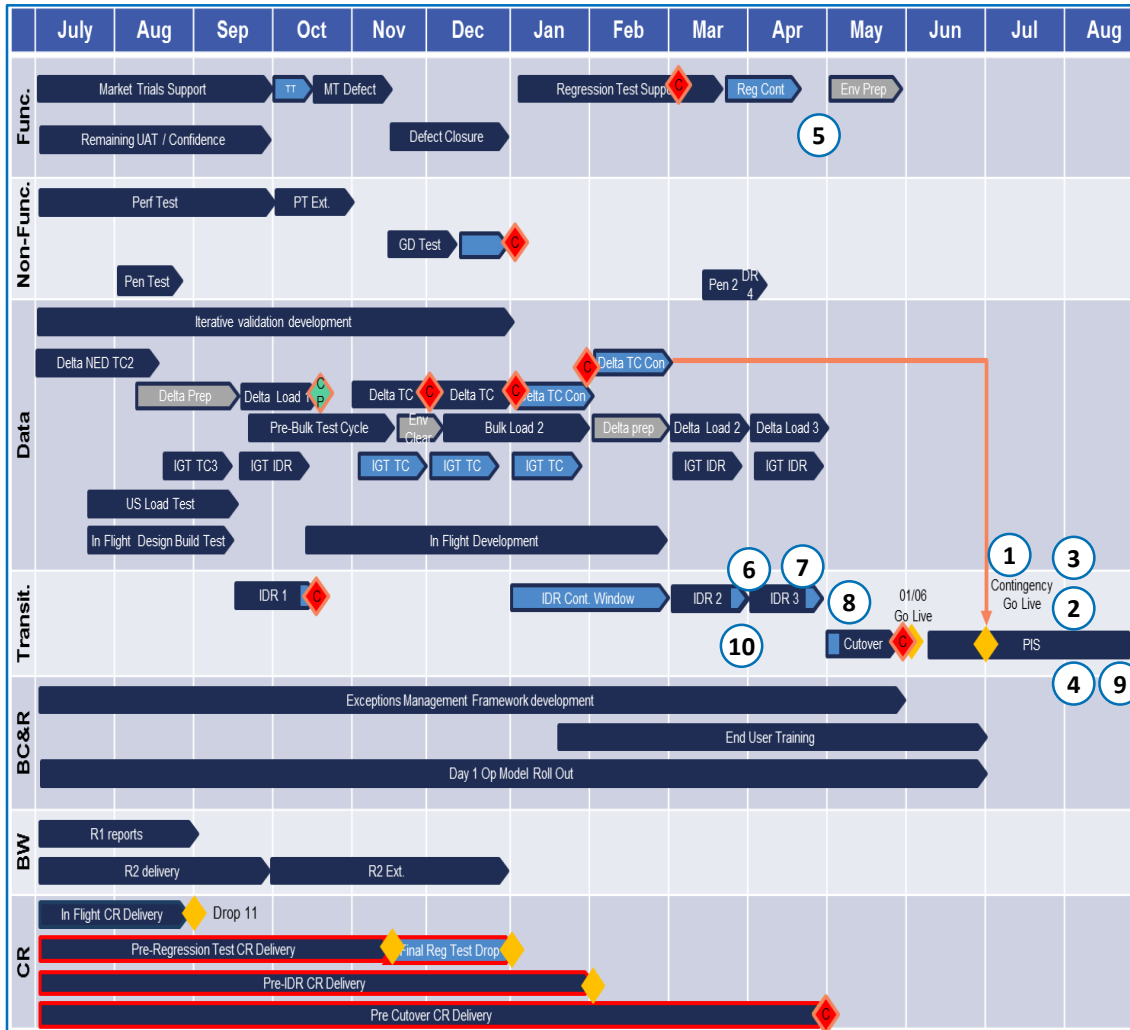
ID	Risk Description
#01 ⇨	**Manual workarounds and related BC&R impacts** – there is a risk that the volume of workarounds related to deferred changes and defects expands to an unsupportable level and increases scope for BC&R
#02 ⇩	**Day 1 Reporting** – Operational reporting requirements need finalising to ensure essential MI is available and consistently reported across all areas
#03 NEW	**LWI delivery plan slippages** – progress for LWI update/creation has been impacting by SME availability and there is a risk that work will not be completed for go-live
#04 ⇩	**PIS roles and responsibilities** – greater clarity over detailed roles & responsibilities and ways of working within PIS is required inc. interlinks with Ops
#05 ⇨	**Managing code stability post MTR** – Regression testing activities need institutionalising to mitigate the risk of further minor functional change post MTR
#06 ⇩	**Delta Defect Rates** – the Delta defect fix plan ahead of IDR3 is very tight and therefore there's a risk defects will be carried into IDR3 and cutover
#07 NEW	**Data team resourcing** – there is a risk that all parallel activities within the data plan cannot be supported with the current resource profile
#08 ⇩	**Defect rates for wider data sources** – high priory defects remain across a number of data sources, notably Unique Site with resolutions required ahead cutover migration
#09 ⇩	**Day 1 Exceptions Handling** – There is a risk that Xoserve is underprepared to handle 'Day 1' exceptions, leading to SLA breaches
#10 NEW	**IDR 3 Preparation** – very limited timeframe available to apply IDR2 learns to IDR3

Programme Delivery | Data | Transition (row group labels)

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Hot Topic: Transition

Placeholder for IRG Principles