MHHS Testing and Migration Advisory Group (TMAG) Minutes and Actions

Issue date: 01/11/2023

Meeting number	**TMAG 026**	Venue	**Virtual – MS Teams**
Date and time	**23 October 2023 1400-1600**	Classification	**Public**

Attendees

Chair

Chris Welby (CW)	SRO SME

Industry Representatives

David Yeoman (DY)	DNO Representative *(covering for Ian Hatton)*
Jonny Moore (JM)	Retail Energy Code Representative
Lee Northall (LN)	Large Supplier Representative
Nickie Bernsmeier-Rullow (NBR)	DCC Representative
Riccardo Lampini (RL)	Elexon Representative
Richard Marriott (RM)	National Grid ESO Representative
Sandeep Vuppalanchi (SV)	Medium Supplier Representative
Shelby Gillespie (SG)	Supplier Agent Representative *(covering for Ian Hall)*
Shaun Brundett (SBr)	I&C Supplier Representative
Stacey Buck (SBu)	iDNO Representative

MHHS IM Members

Amy Clayton (AC)	PMO Governance Support
Adrian Page (AP)	SI Lead
Dominic Mooney (DM)	SIT Delivery Manager
Giles Clayden (GC)	Deputy Programme Manager
Jason Brogden (JBr)	Industry SME
John Wiggins (JW)	Migration lead
Keith Clark (KC)	Programme Manager
Kevin Davis (KD)	Testing Architect
Kiran Raj (KR)	SRO Test Lead
Lee Cox (LC)	Test Management Lead
Matthew Breen (MB)	Migration Analyst
Mayur Depala (MD)	SIT Delivery Lead
Sean Tuffy (ST)	Migration Analyst
Simon Berry (SBe)	Environments Lead
Smitha Pichrikat	MHHS Client Delivery Manager

Other Attendees

Bhoopal Bereddy	IPA
George Player	Elexon Qualification Lead
Jenny Boothe (JBo)	Ofgem

Rhiannon Harrison	IPA
Sinead Quinn (SQ)	Ofgem

Actions

Area	Ref	Action	Owner	Due	Update
SIT Functional Test Scenarios & Test Cases Delivery Plan	TMAG26-01	Programme to share the cut off dates for when Programme Participants can respond to the SIT Functional Test Scenarios & Test Cases.	Programme (Lee Cox)	15/11/23	
Programme's Planned Major Releases	TMAG26-02	Programme to raise a risk around the potential that some major release changes could lead to participants being required to do regression testing.	Programme (Lee Cox)	15/11/23	
Actions from previous meeting(s)	TMAG22-01	Programme to update TMAG members on the status around the remove of role seniority criteria in the Code of Connection document.	Programme (Adrian Page)	20/09/23	Recommend Closed.

Decisions

Area	Ref	Description
Minutes and Actions	TMAG-DEC47	Approval of Headline Report from the meeting 20 September 2023.
Milestone T2-TE-0250 (SIT CIT Interval 1 Preparation Complete)	TMAG-DEC48	Approval of milestone T2-TE-0250 (SIT CIT Interval 1 Preparation Complete).
SIT Functional Test Scenarios & Test Cases Delivery Plan	TMAG-DEC49	Approval of revised delivery plan for SIT Functional Test Scenarios & Test Cases.
Data Cleanse Working Group Terms of Reference	TMAG-DEC50	Approval of the Data Cleanse Working Group (DCWG) Terms of Reference.
Requirement for a New Working Group	TMAG-DEC51	Approval of the set-up of a new Transition & Operational Readiness Working Group (TORWG).
3 Month Milestone Look Ahead & Milestone Changes	TMAG-DEC52	Approval of milestone changes to the Programme Plan.

Minutes

1. Welcome

The Chair welcomed all to the meeting and ran over the meeting agenda.

2. Minutes and Actions

The Chair approved the minutes of the previous TMAG. No questions raised.

DECISION TMAG-DEC47: Approval of Headline Report from the meeting 20 September 2023.

The Programme noted comments against the following action:

- **ACTION TMAG22-01**: AP shared that at DAG, the SRO approved minor updates to the Interface Code of Connections (CoCo) following review by the Security Design Working Group (SDWG).

3. Milestone T2-TE-0250 (SIT CIT Interval 1 Preparation Complete)

DM provided an update on the current status of CIT Interval 1 Readiness, as per the slide. It was noted that over the past week an issue with GlobalSign has required a DIP change, this is being addressed by a release to the DIP, however this has delayed the completion of Participant Onboarding & Connectivity Proving. DM shared that the impact of the delay has compressed the time available to close out DIP Data set up and CIT test stub smoke testing. The residual work-off plan to enable M9 is underway.

DM shared the CIT Interval 1 Readiness work-off plan, with each task and forecast date shown on the slide. DM highlighted that the Programme acknowledged the plan had limited contingency however this had been agreed at FTIG and was being closely tracked since last Friday 20 October 2023. DM further shared that they know this will need to be closely monitored this week and they have daily checkpoints to do this. The Programme has also identified a contingency plan for the weekend if timelines do slip.

DM highlighted that this plan had been agreed with FTIG members on Friday and will therefore be recommending to TMAG the approval of the SIT CIT 1 Preparation Complete milestone (TMAG T2-TE-0250). FTIG will be updated next week on where the Programme is in regard to the plan, and this will feed into the extraordinary TMAG on 30 October 2023 with ePSG in the afternoon.

The Chair asked if there were any objections to the approval of the SIT CIT 1 Preparation Complete milestone (TMAG T2-TE-0250), subject to completion of the work off plan.

JBo queried if the Programme knew when the work off activities would be complete. DM responded that Friday 27 October is the target for this and if there is any deviation then FTIG members will be informed.

There were no objections to approval.

DECISION TMAG-DEC48: Approval of milestone T2-TE-0250 (SIT CIT Interval 1 Preparation Complete).

4. Overview of M9 Decision Choreography and High-Level Criteria

DM shared that this agenda item was covered in Milestone T2-TE-0250 (SIT CIT Interval 1 Preparation Complete) agenda item (3).

5. SIT Functional Test Scenarios & Test Cases Delivery Plan

LC shared that they had amended the SIT Functional and Test Scenario and Test Case Delivery to give PPs earlier sight of the artefacts through planned review sessions. It was highlighted that the review sessions have started with feedback coming back and will continue to be conducted through October and November with the involved Industry SIT PPs, focusing on specific review themes (5 review windows with 9 themes covered).

LC shared that all the Test Scenarios will then commence formal Governance through SITWG and TMAG, with the plan to have the scenarios approved at the December TMAG and the cases at the January TMAG.

LC walked through a plan-on-a-page for the reviews and approvals for the SIT Functional Scenarios & Test Cases.

NBR, the DCC representative asked if PPs would go through all scenarios. LC responded that the reviews would include the relevant PPs involved in the tests under review. NBR added that the review timescales were short. LC responded that there is a further window in November to consolidate anything that comes out of the reviews and the reviews are to successfully socialise the tests themselves and not the approval.

LN, the Large Supplier Constituency (LSC) representative stated that he supported the collaborative approach of the review sessions.

LN asked what the cut-off date is for comments on the test scenarios & test cases. LC responded that they are hoping to have all comments answered by the 23 November extraordinary SITWG date.

LC noted that after each review session the Programme would be issuing full details of the content within a week and then the PPs will have a week from this to review, with all issues raised and resolved a week later.

LC took an action to share the cut off dates for when PPs can respond to the SIT Functional Test Scenarios & Cases.

ACTION TMAG26-01: Programme to share the cut off dates for when Programme Participants can respond to the SIT Functional Test Scenarios & Test Cases.

The Chair asked if there were any objections to the approval of the amended plan. No objections raised.

DECISION TMAG-DEC49: Approval of revised delivery plan for SIT Functional Test Scenarios & Test Cases.

6.   E2E Testing and Integration Strategy

LC shared that the previous forecasted plan to bring the refreshed E2E Testing and Integration Strategy to October TMAG for approval would not be happening. LC shared that this was due to two key factors. The first is that a conclusion to the Sandbox query has not been achieved and changes to the strategy will depend on the outcome. Second, is that there are still discussions and clarification to take place on the non-SIT LDSO Qualification Testing delivery date and again changes to the strategy will depend on the outcome. LC shared that once these two dependencies reached sufficient maturity then the revised delivery plan will be communicated.

NBR, the DCC representative queried if the lack of plan would impact other timelines. LC responded that this would not impact other timelines as the Programme knows where the deviations are in SIT. NBR asked if the strategy had been previously shared. LC responded that yes it had, and the refreshed version would be shared when the factors above had been resolved.

CW explained that the Programme does recognise the urgency on issuing the revised strategy and will be prioritising this.

7.   Programme's Planned Major Releases

LC shared an overview of the Programme's planned major releases for Testing. LC restated that SIT CIT will be conducted against Design IR 2.1 and SIT Functional will commence against Design IR 5.1.

LC shared that the PIT Guidance v2.1 will be published in June 2024 which will support the two IRs above.

LC shared that the IR designs will go beyond IR 5.1. The SIT Functional Test Phase is broken down into three cycles of test, plus a final regression test cycle. Across the three cycles there will be two-week gaps Maintenance Window, where test data and environments can be refreshed and enable changes to be deployed. SIT A Test Environment will support SIT Functional Testing and SIT B Test Environment will support SIT Migration, Non-Functional and Operational Testing.

LC shared that they would provide DIP Simulators to support PIT activities throughout the SIT Test Phase, and at least one will be available throughout the Qualification Test Phase.

RL, the Elexon representative asked if DIP Simulator 2 is going to be delayed to align to IR5.1 compatible or will there be an additional release of a DIP Simulator.

LC responded that the DIP Simulator 1 is available to industry and compatible to IR2, DIP Simulator 2 will be published compatible to IR5.1 and both will operate in parallel.

LC noted that they realise the IR5.1 release date of DIP Simulator 2 of 03 November 2023 is under pressure to be met, however the programme recognises how important it is for industry to have this so are trying to keep to this date.

LC shared that whilst we only have SIT A operational, parallel running A and B, a major release will be deployed to both environments at the same time.

SBr, the I&C Supplier representative stated he agreed with release processes, however shared he believed there is risk that if some of the releases change then this could lead to regression testing and repetition.

LC agreed that there is this risk and took an action to ensure it had been logged in the RAID log and if not, to raise a risk around the potential that some major release changes could lead to participants being required to do regression testing.

> **ACTION TMAG26-02:** Programme to raise a risk around the potential that some major release changes could lead to participants being required to do regression testing.

LC noted that the monthly Kadence for SIT Functional may be reviewed and extend to two or three month releases in line with the major release model, if this occurs the plan will be updated.

LC shared that the following slide showed the Plan-on-a-page for the DIP Simulator. LC noted that the model repeats itself based on the forecast for major releases.

LC shared that the following slide showed an overview of the IR Roadmap plan.

No further questions from PPs.

8.   Qualification Update

GP, the new Elexon Qualification Lead for PAB shared that last week the QWG engaged with non-SIT LDSOs on Qualification and the timelines for this. GP shared details on non-SIT LDSOs Qualification timeline; Qualification Testing Strategy; Environment requirement and scope; test scenarios and test cases development; and Test Approach.

Please see the recording of this session for further details on this.

9.   Migration Thresholds and Migration Profile

JW shared that the Migration Thresholds and Migration Profile consultation has been completed, there will be a MWG Assurance review session on Wednesday and the document will be brough to November TMAG for approval.

JW shared the high-level themes from the Migration Thresholds document consultation.

JW shared that the first theme was that a risk has been raised by LDSOs that they cannot verify the performance of MPRS until late 2024, based on the development plan being followed by St Clements.

JW noted that they have held collaborative sessions with LDSOs, Suppliers and Agents separately to discuss this. It was noted that a collaborative approach has been agreed. LDSOs will now undertake Non-Functional Testing with St Clements in January 2024. JW noted that the sessions had been very positive from the LDSOs.

JW shared the second theme was that Suppliers have provided feedback that they would also like to know their individual migration thresholds in order to inform their internal Migration planning.

JW added that the document did not talk about the volume that Suppliers would be working to in their plans and the Programme had responded to this.

JW noted that the scope agreed in the Migration Strategy document is that the thresholds will only focus on Central Services and LDSOs. Supplier planning will take place through the Migration Control Centre (MCC) and the Migration Planning Management Tool, and this will take place from January 2024 onwards.

JW further shared that the assumption would be for Supplier and Agents to discuss their individual plans together and that Supplier planning is out of scope of this document.

JW shared that the Programme had engaged with many PPs last week to discuss their comments to the document, they had responded to all PPs and believed they were now in a reasonable position with the majority of constituents. JW explained the MWG Assurance Meeting this Wednesday 25 October 2023 will address any queries and concerns that PPs still had.

10.   Data Cleanse Working Group Terms of Reference

JW shared that there had now been two DCWG sessions and asked for approval by exception of the Data Cleanse Working Group (DCWG) Terms of Reference.

The Chair asked if there were any objections. No objections raised.

TMAGDEC-50: Approval of the Data Cleanse Working Group (DCWG) Terms of Reference.

A PP asked if the Terms of Reference would be available. AC responded that the document has been uploaded to the Collaboration Base as an attachment to the TMAG meeting papers.

11. Requirement for a New Working Group

JW shared that the Migration Working Group (MWG) will be looking to focus on developing the requirements for the Migration Control Centre and Migration tools, however there is still a significant scope of other deliverables which will need to be developed in 2024 (specifically focusing on the MHHS Service Management Strategy work).

JW highlighted that if this work was included in the MWG the agenda would not be able to be covered during the session, therefore the Programme proposed setting up a new working group called the Transition Operational Readiness Working Group (TORWG) which will focus on transition (the practicality of moving to new arrangements) and operational. JW shared that the plan is to have the first session of this starting in December 2023.

LN, the Large Supplier Representative, queried if this is linked to the Transition working group. JW responded that that was related to Transition Design, and this will be more related to the practical side of Transition.

CW asked JW to look to being the Terms of Reference for the new group to the subsequent TMAG.

The Chair asked if there were any objections to the approval of this new working group. No objections.

TMAGDEC-51: Approval of the set-up of a new Transition & Operational Readiness Working Group (TORWG).

12. IPA Test Assurance Update

BB, from the IPA provided an update on the IPA Test Assurance P1.

BB shared that 25 actions were agreed in total from the P1 report recommendations. 12 of these had been closed and 13 were in progress.

BB shared that all 16 PP briefing sessions for the P2 fieldwork progress had been complete and 15 out of 16 PP deep dives have been complete.

BB asked if there were any question on this. No questions raised.

13. 3 Month Milestone Look Ahead & Milestone Changes

AC shared that over the last month the Programme had continued to review the testing section of the programme plan. This activity had been ongoing since last month and will continue in the medium term as changes to the testing delivery approach and timeline are crystalised.

AC shared that PIT entry into SIT CIT, SIT Functional, SIT Migration, SIT Non-Functional and SIT Operational has been updated including linkages to all readiness activities.

AC noted that the following slides provide a detailed 3-month look ahead of all upcoming programme milestones and any milestone changes.

AC shared that milestones changes would be taken as exception and asked if any PPs have any objections. No objections to the milestone changes.

TMAGDEC-52: Approval of milestone changes to the Programme Plan.

14. Top Programme Risks related to TMAG

AC shared the top programme risks related to TMAG.

- **R603: There is a risk that appropriate Code Body resource and the time available are not sufficient to support the planning and implementation of their Programme activities (non-SIT LDSO and wider Qualification activities)**.

- JB noted that they are looking to de-risk this for M10. It was shared that as per an action from PSG, the Programme is looking at the options around non-SIT LDSO testing on how to mitigate M10 by working closely with the Code Bodies. JB noted that the risk is red as it is high priority.

- **R272: There is a risk that Core Capability Providers may be late arriving into their CIT Interval.**

- AP shared that mitigation actions of this risk will be key as we run into M9. The Programme is on track with Helix plan, and we continue to test. AP noted that interval 2 in November with St Clements is also on track.

- AP noted that the risk has now specifically named Core Capability Providers over generic.

- **R532: There is a risk that SIT participants will need to execute additional Qualification Testing in order to qualify.**

- JBr shared that this risk is being managed with the Programme in discussion with Code Bodies to confirm their requirements in order to build these into SIT so that any testing is done in SIT and no testing is outstanding. The risk will stay as Amber until there is certainty on the definition.

- **R653: There is a risk that the Code Bodies will not be able to define the Qualification test approach & requirements for each Market Role for non-SIT LDSO testing in a timely manner.**

- SBe shared that this risk is decreasing, however there is continued engagement for it to determine the environment requirements.

- **R119: There is a risk that there may be a drive by participants to constrain testing by providing too few environments in SIT.**

- SBe shared that this risk will remain open for some time. There has been no feedback from PPs so far that this will cause them a risk. The Programme will continue to monitor this through EWG as they look to share the Non-Functional Requirements and look to close this down.

- JBr further shared that the Non-SIT environments link to the information GP provided on Qualification.

No questions were raised on the risks.

15. Summary and next steps

The Chair went over next steps and the TMAG agenda roadmap, as per the slide.

16. AOB

The Chair asked if there were any further questions. None raised.

Date of next Extraordinary TMAG: 30 October 2023

Date of next TMAG: 15 November 2023