MHHS PROGRAMME
Industry-led, Elexon facilitated

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

Issue date: 18/01/23

Meeting number	**TMAG 013**	Venue	**Virtual – MS Teams**
Date and time	**18 January 2023 1000-1200**	Classification	**Public**

Attendees

Chair
Smitha Pichrikat (SP)   MHHS IM

Industry Representatives
Dave Jones (DJ)   RECCo Representative
Ian Hatton (IHat)   DNO Representative
Ian Hall (IHal)   Supplier Agent Representative
Matt Hall (MH)   Elexon Representative
Nickie Bernsmeier-Rullow (NBR)   DCC Representative
Nicola Bumford (NBu)   National Grid ESO
Shaun Brundett (SBr)   Small Supplier Representative
Stacey Buck (SBu)   iDNO Representative

MHHS IM members
Dominic Mooney (DM)   SIT Manager
Jason Brogden (JB)   Industry SME
John Wiggins (JW)   Migration lead
Kate Goodman (KG)   Testing Lead
Martin Cranfield (MC)   PMO Governance Lead
Nigel Hunt (NH)   Qualification Lead
Simon Berry (SB)   Environments Lead

Other Attendees
Sajwal Dash (SD)   IPA
Kerry O'Donnell (KOD)   Observer, ESG Global

Actions

Area	Action Ref	Action	Owner	Due	Update
Open actions from previous meetings	TMAG08-02	Respond to Programme replan consultation. Encourage constituents to respond to the consultation	TMAG members	26/08/22	Remaining open through Round 3 of consultation on the Programme plan

Decisions

Area	Ref	Description
Minutes and actions	TMAG-DEC18	The minutes of the TMAG 21 December 2022 were approved

RAID items

Area	Item
None raised	

Minutes

1. Welcome

SP welcomed all to the meeting, noting they were standing in as Chair.

2. Minutes and Actions

DECISION TMAG-DEC18: The minutes of the TMAG 21 December 2022 were approved

MC updated against each of the actions as per the slide and invited comments. None received.

3. Programme Updates

MC noted the item as read and summarised some key points on the Programme replan and the M5 Work-Off Plan. MC invited questions. None received.

4. Qualification update

NH provided an update of qualification activity with the Code Delivery Bodies and at the Qualification and E2E Sandbox Working Group (QWG). NH explained that the Programme and Code Bodies were building shared understanding and co-developing the deliverables required in qualification. NH provided a summary of agenda items at the recent QWG, noting PIT guidance was also being produced by the Programme (working closely with Code Delivery Bodies) and would be shared at the end of January. NH highlighted that they felt the next QWG would have moved forward significantly from previous QWGs as a result of improved engagement and collaboration between the Programme and Code Delivery Bodies. Recent work on qualification would also be feeding into Round 3 of consultation on the Programme plan. NH noted future QWGs would include items on design assurance.

NH invited questions. None received. SP encouraged TMAG members to engage and provide input into the qualification approach.

5. Migration and data deliverables

JW provided an overview of the Migration Deliverables Plan on a Page (POAP) as per the slides. JW explained the purpose of the Data Assessment Report. The report was a tabletop exercise that would go through the relevant governance process toward the end of February. JW provided an overview of the Migration Cutover and Data Strategy activity which was tracking to plan. JW noted that the Programme were proposing an extraordinary TMAG toward the end of February for approval of the Data Assessment Report. This was due to the timescales for developing the report and requirements for feedback and review through the Migration Working Group (MWG). JW added that activity would continue through the MWG to build a robust plan for SIT and beyond.

JW provided an overview of the scope of the Data Assessment Report as per the slides. The Programme were engaging a large number of stakeholders over January to feed into the exercise (e.g. Code Bodies, Central Service providers). This was to build understanding (such as on key risk and issues) and to form recommendations for further activity required alongside the report, such as additional data requirements, testing or code decisions. JW noted some of the work for the report was building off work already delivered by the MHHS Design team which was a key input. The Programme were intending to build a robust picture together with a set of recommendations for work to be delivered, a key element of which would be timescales for when these activities would need to be delivered aligned to activities in the Programme plan.

JW provided an overview of the Data Assessment Approach and the Data Assessment Report skeleton structure as per the slides.

MC noted that notification would come from the PMO on the date for the extraordinary TMAG.

6. SITWG update

DM introduced the item noting they would cover an update on the Systems Integration Test Working Group (SITWG) and the forward plan for SIT deliverables. DM explained that there had been good attendance and engagement at the recent SITWG. DM provided a summary of the topics covered at the last SITWG as per the slides. DM noted that an extraordinary SITWG had been scheduled for 22 January to cover an updated document with the high-level view of SIT scope for functional testing, as well as to discuss more detailed principles on "placing reliance" in testing for various parties.

NBR queried if the SIT entry criteria were inclusive of technical readiness testing or if this was not a necessity ahead of starting SIT. DM explained that the PIT completion criteria were key to being able to enter SIT. There are additional SIT Entry criteria such as preparation of scripts, environment connectivity proving, test data loading and verification and that the latest code had been deployed. NBR queried if the SIT entry criteria included a level of TRT to be demonstrated over a period of time. DM confirmed this had been included in the Programme's plan, for the period where evidence and assurance of this would be required. DM explained these periods were in the Round 3 plan artefacts and the full SIT entry/exit criteria had been included in the 09 January SITWG slides.

DM provided a summary of the SIT stage deliverables and their target dates in the plan as the per slides, noting the content as read.

KG provided an overview of activity intended in SIT Component Integration Testing (CIT), noting this had been presented at the SITWG. CIT would take place during SIT. Everyone going through SIT would also need to go through CIT and demonstrate integration at the end of the CIT period. KG noted there was some flex in the approach in the slides and that some participants could join CIT later but overall the final party needed to be integrated two weeks before the end of CIT. KG gave a high-level walkthrough of the steps of CIT in turn, highlighting the activities that would take place in each step for each participant group as per the slides.

IHat noted that St Clements had raised concerns on being ready for the start of SIT in October 2023. KG responded that the sequence of activities in the slides was the preferred approach for the Programme. The Programme were talking very frequently with St Clements on their timeframes and optimum date to join SIT. SP added that the Programme were working with St Clements to understand the options available and ensure all components would be ready at the time required to integrate. JB added there was a session with iDNOs, DNOs and St Clements on 19 January to discuss the LDSO approach and timelines. JB also noted that Unmetered Supply and Network Operations had been highlighted in the slides to ensure the separation between these and LDSOs in CIT.

KG explained that a SIT scoping document would be shared at the end of w/c 16 January with a section per MHHS role detailing the verification requirements during SIT and CIT. KG noted that during SIT, participants would be participating in scenarios that may not be directly relevant to their role, and so it was important for participants to have an awareness of the other MHHS Roles' testing. The scoping document would guide Participants regarding the functionality needed in their systems in order to participate in SIT. KG ran through the SIT Component Integration scope example as per the slides to illustrate what participants would be required to do to demonstrate their own systems and integration with other systems. KG noted further examples had been reviewed with the SITWG who had provided feedback that the content was helpful. KG invited questions. None received.

7. NFTWG update

KG explained the Programme was conscious of there being a number of working groups and that the Programme were only looking to stand up groups where specialists were required. The Non-Functional Testing Working Group (NFTWG) would stand up in February and would be run in the same way as other working groups.

KG explained that the Programme had been reviewing Non-Functional requirements of the MHHS design to determine whether they should be design assured to ensure participants have covered the requirement, or if they should be tested in SIT and/or PIT, or both. The Programme had developed a list against these criteria that would be included in the SIT scoping document to shared later in the week.

KG added that the first meeting in February would be a usual forward plan and review of meeting Terms of Reference. The following meeting in March would review the requirements in the SIT scoping document to ensure they made sense and participants were aligned with the content.

8. Working group report

MC introduced the item noting content as read and invited comment from the Data Working Group (DWG) and the Environments and Configurations Management Working Group (EWG) leads. KG explained that the DWG had work continuing on the Test Data Approach and Plan and Data Generators, as well as working closely with the MWG. SB noted the next iteration of the Environments Approach and Plan would be coming to TMAG in February (not a final version) as well as the Environments Release Management approach.

9. Summary and next steps

MC noted no actions taken in the meeting and provided a forward look to March as per the slides. MC invited AOB. None raised.

SP thanked members for attending and encouraged engagement with testing activities through the working groups.

Date of next TMAG: 15 February 2023