

MHHS Programme Steering Group (PSG) Minutes and Actions

Issue date: 12/10/2023

Meeting Number **PSG025**

Venue **Virtual – MS Teams**

Date and Time **04 October 2023 1000-1200**

Classification **Public**

Attendees

Chair

Helen Tipton (Chair)

MHHS SRO

Industry Representatives

Carl Lang (CL) (on behalf of Andrew Campbell)

Gareth Evans (GE)

Graham Wood (GW)

Chris Price (CP)

Jenny Rawlinson (JR)

Jonathan Hawkins (JH)

Lewis Robertson (LR)

Kerrin Kelly (KK)

Paul Akrill (PA)

Richard Vernon (VN) (on behalf of Nital Hooper)

Vladimir Black (VB)

Small Supplier Representative

I&C Supplier Representative

Large Supplier Representative

DNO Representative

iDNO Representative

RECCo Representative

Exelon Representative (Central Systems Provider)

National Grid ESO

Supplier Agent Representative

DCC Representative (Central Systems Provider)

Medium Supplier Representative

MHHS IM

Chris Harden (CH)

Chris Welby (CW)

Fraser Mathieson (FM)

Keith Clark (KC)

Jason Brogden (JBr)

Lee Cox (LC)

Programme Director

Programme Industry SME

Governance Lead

Programme Manager

Programme Industry SME

SI Testing Lead

Other Attendees

Jenny Boothe (JBo)

Melissa Giordano (MG)

Richard Shilton (RS)

David Gandee (DG)

Ofgem

Ofgem

IPA

IPA

Apologies

Caroline Farquhar

Joel Stark (JS)

Consumer Representative

Supplier Agent Representative (Independent)

Actions

Area	Ref	Action	Owner	Due
SASWG Output Report (CR013)	PSG25-01	Helix to develop high level plan to take forward SASWG/CR013 outputs and engage with Change Raiser	Elexon Helix (Lewis Robertson)	08/11/2023
M9 Dress Rehearsal	PSG25-02	Programme to include SIT Stage Statuses in regular PSG dashboards	Programme (PMO)	08/11/2023
Qualification Testing	PSG25-03	Programme to work with Code Bodies and the IPA to present an initial plan for an alternative approach to the delivery of Qualification Testing to the November 2023 PSG	Programme (Chris Harden)	08/11/2023
Previous Meeting(s)	PSG24-01	Elexon and RECCo to provide transparency around qualification testing dates, assumptions on equivalence from SIT, and understanding of testing which may be required in addition to SIT-based evidence requirements. In addition, Elexon and RECCo to ensure the clarifications are raised to the Qualification and E2E Sandboxing Working Group (QWG) and current plan dates are published.	Elexon (Oli Meggitt) & RECCo (Jonny Moore)	04/10/2023
	PSG24-02	Elexon to discuss development of the Qualification Assessment Document (QAD) and Qualification Approach and Plan document with the IPA	Elexon (Oli Meggitt)	04/10/2023
	PSG23-03	Review the existing appeals mechanisms as described in the existing Governance Framework and determine whether a defined appeals process needs to be documented elsewhere. Findings will be shared with PSG.	Programme (Lewis Hall & Fraser Mathieson)	08/11/2023
	PSG21-05	Programme to discuss with IPA the potential inclusion of IPA test assurance activities alongside programme plan information, to assist participants' view of effort requirements.	Programme and IPA	08/06/2023
	PSG20-03	PSG Constituency Representatives to encourage constituents to request bilateral discussion with Programme on SIT planning (e.g. to discuss systems, processes, practicalities of testing and qualification, operation of placing reliance policy, etc). ***To be kept open until M9.	PSG Constituency Representatives	30/10/2023
	PSG18-05	Progress the assurance process for LDSOs for the accuracy of data for DUoS billing.	Jason Brogden	05/07/2023
	PSG17-05	Review the post-implementation approach to Benefits Realisation and how Benefits Realisation will be handed over to Ofgem at M16. Jason to set up meeting with Ofgem and IPA to progress from CP2 findings.	Programme (Jason Brogden)	To be reviewed at CP2

Decisions

Area	Ref	Decision
Minutes and Actions	PSG-DEC59	The PSG approved the headline report and minutes of the PSG meeting held 06 September 2023 with no amendments.
SASWG Output	PSG-DEC60	The SRO approved <i>MHHS-DEL1483 MHHS – CR013 Report</i> for publication

Area	Ref	Decision
Report (CR013)		
Code Drafting Milestones	PSG-DEC61	The SRO approved the changing of Tier 2 code drafting milestones to Tier 3 milestones

[Minutes](#)

1. Welcome

The Chair welcomed attendees to the meeting and introduced the agenda.

2. Minutes and Actions

The minutes and headline report of the last meeting were approved with no amendments.

DECISION PSG-DEC59: The PSG approved the headline report and minutes of the PSG meeting held 06 September 2023 with no amendments

The PSG received action updates, a summary of which is provided below. Full action wording and updates can be found within the meeting papers.

PSG18-05: Regarding the assurance process for the accuracy of Distributed Use of System (DUoS) charges for Licenced Distribution Service Operators (LDSOs), the Programme advised this is progressing via the appropriate governance groups. The Programme will hold discussions with Ofgem and the IPA in the near future. Action ongoing.

PSG20-03: Regarding PSG Constituency Representatives encouraging constituents to request bilateral discussion with the Programme on SIT planning where required, the Chair noted this action would be retained for visibility. The action aims to promote collaboration between participants and the Programme to control risks and ensure timely SIT progress. Action ongoing.

PSG21-05: RS advised the IPA's test assurance activities have been included in the MHHS Transition Timeline and Implementation Approach document which will be published in due course. Action ongoing.

PSG23-03: The Chair advised review of the Programme appeals process was underway, and findings would be shared at the November 2023 PSG. JH queried whether the review would be published for comment. The Chair responded the appeals mechanisms are already articulated within the MHHS Governance Framework and issuance for comment was not required. The Programme are liaising with the IPA to ensure the appeals process works as required. The expected output of the review is a reaffirmation and clarification of existing appeals mechanisms. Action ongoing.

PSG23-04: GW, the Large Supplier Representative, confirmed this action could be closed. Action closed.

PSG24-01: The Chair advised an update on Qualification Testing (QT) would be provided under agenda item 8 (see below). Action ongoing.

PSG24-02: The Chair advised this action could be closed and an update on QT would be provided under agenda item 8. Action closed.

PSG24-03: The Programme have reviewed an updated risks R653 and R360 relating to QT. Action closed.

3. Sponsor Update

MG advised Ofgem feel the Programme is making good progress and is on track to commence System Integration Testing (SIT). This is unprecedented in Programmes of this scale and complexity. Ofgem see MHHS as crucial to the future of net zero and encourage participants to maintain pace/progress and dialogue with the Programme. The Chair noted support from Ofgem was working well and expressed a desire for this to continue.

4. Programme Reporting

KC advised risks around M9 (SIT Start) are being managed, and the current assumptive position is M9 should be approved at the extraordinary PSG to be held 30 October 2023. The Programme continues to encourage participants to raise any challenges as soon as possible either via the Fast Track Implementation Group's (FTIG) Delivery Obstacle Tracker or directly in confidence to the Programme Senior Responsible Officer (SRO).

CP noted Meter Point Registration System (MPRS) development testing is on track but misalignment between Swagger 1.2 and the Interface Catalogue, and their impact on use of the DIP simulator, may present challenges with delivery as increased work is required to resolve potential false failures/positives. The Programme is providing direct support and has provided guidance on the treatment of known issues and how testing evidence is managed. The issues will recede once participants move to the Interim Release (IR) 5 version of Swagger/Interface Catalogue and the associated DIP simulator uplift applied.

KC concluded that the Programme are optimistic activities are on track and risks/challenges will be managed.

5. SASWG Output Report (CR013)

CW advised the Settlement Analysis Scoping Working Group (SASWG) was mobilised in response to Programme Change Request (CR) 013 (Determining scope of Examination of Settlement Impacts resulting from MHHS Programme). SASWG has concluded its activities and provided analysis of five hypotheses relating to assessing the potential impacts of MHHS on settlement, as per the meeting slides and output report. Options for how future work is progressed were provided and an action placed with Elexon Helix to develop an initial plan for how the SASWG outputs are taken forward. The Chair advised the expectation on this action was that the SASWG's recommendation are reviewed, the range of risks analysed, and an action plan agreed. It was noted an understanding of settlement impacts is essential ahead of migration.

ACTION PSG25-01: Helix to develop high level plan to take forward SASWG/CR013 outputs and engage with Change Raiser

GE, the raiser of CR013, advised the change was raised to attempt to stave off unexpected impacts on settlement as a result of MHHS. Whilst the actions to take forward the output of the SASWG did not necessarily sit with the Programme, GE considered there may be value in the Programme undertaking actions to mitigate risks in this area and asked PSG members whether there was a belief there are risks to settlement which may arise upon migration. No views were provided by PSG constituency representatives. GE believed work to understand how the SASWG's hypotheses are taken forward should progress quickly. The Chair noted the action with Elexon Helix to provide a high level plan by the November 2023 PSG meeting and encouraged dialogue between GE and Elexon.

JR queried whether the progression of the SASWGs analysis hypotheses relied on the provision of data from Suppliers. CW stated it was and noted several Suppliers have indicated a willingness to share sample data. JR added there is a need to build confidence around understanding of how settlement accuracy may be affected on commencement of migration, and urged consideration of whether actions or other hypotheses are required beyond the SASWG Output Report.

The Chair approved the SASWG Output Report for publication.

DECISION PSG-DEC60: The SRO approved MHHS-DEL1483 MHHS – CR013 Report for publication

6. Code Drafting Milestones

CW advised the Cross Code Advisory Group (CCAG) have unanimously recommended Tier 2 programme milestones relating to code drafting activities are changed to Tier 3 milestones. This would enable to the CCAG to manage code drafting activities more effectively by allowing changes to milestones which do not impact other Programme workstreams to be made without the need for Impact Assessment (IA). Participant representation will be maintained via CCAG constituency representatives being involved in any decisions to change a code drafting milestone date. The affected milestones relate to activities required to deliver the Tier 1 M6 milestone (Code changes baselined). Tier 1 milestones would be unaffected and would continue to require a CR and IA for any change.

The Chair noted the recommendation would increase efficiency with no impact to deliverables and approved the change.

DECISION PSG-DEC61: The SRO approved the changing of Tier 2 code drafting milestones to Tier 3 milestones

7. M9 Dress Rehearsal

KC provided an overview of the information that will be provided to support a decision on approval of M9 at the extraordinary PSG to be held 30 October 2023, as per the meeting slides. Broadly, information will be provided on participant readiness to commence SIT, Programme readiness, and the views of the Independent Programme Assurance (IPA) provider and Ofgem.

Decision Choreography

Key milestone decisions leading to the M9 decision include:

- 23 October 2023 Testing and Migration Advisory Group (TMAG): Decision on T2-TE-0250 (SIT Component Integration Testing (CIT) Interval 1 Preparation Complete)
- 30 October 2023 extraordinary TMAG: Decision on T3-TE-0060 (CIT Interval 1 Start)

KC advised the sequencing of TMAG decisions allowed time to complete any work off actions ahead of the decision on CIT Interval 1 Start. The FTIG will also be asked to provide a recommendation on whether M9 be approved.

Participant Readiness

KC provided an overview of the readiness of Core Capability Providers (CCPs), noting Pre-Integration Testing (PIT) has been successfully executed with Elexon Helix and the associated PIT exit report reviewed by the Programme. The Programme are currently in dialogue with Elexon Helix regarding their CIT readiness report but overall readiness was trending green. Elexon Helix have been able to commence PIT Interim Release (IR) 2 testing sooner than planned and are on track for early completion.

Regarding Data Integration Platform (DIP) readiness, the Programme has concluded its review of all DIP testing approach information and the associated Requirements Testing Traceability Matrix (RTTM). PIT cycle two for the design IR1 build is complete with 100% test execution and 93% test pass. All defects are low priority and no high priority defects are outstanding.

St Clements are on track, notwithstanding the challenges highlighted by CP around Swagger and the Interface Catalogue misalignment. St Clements' PIT scenarios and plans have been reviewed and approved by the Programme. There are minor outstanding comments from the Programme against St Clements' RTTM but no blockers. The Programme has arranged bilateral discussions with LDSOs and St Clements to resolve any remaining challenges.

DCC are not a participant in CIT, however preparation to clarify all DCC requirements for SIT Functional (SITF) are on track.

KC advised future CCP status updates would be split between CIT and SITF to support clarity on readiness/preparations for these distinct stages of SIT.

SIT Stage Statuses

KC provided status updates on the differing stages of SIT, noting test artefacts in support of CIT Interval 1 have been approved. Work is now commencing on developing test cases for CIT Intervals 3 and 4 and these will be shared with relevant participants imminently. JH praised the usefulness of these updates and the Programme and agreed to include this as a standing update within the PSG delivery dashboards.

ACTION PSG25-02: Programme to include SIT Stage Statuses in regular PSG dashboards

KC provided a further overview of the information that will be provided to the PSG to support the decision on M9 approval, including views on PIT progress and outlook, CIT readiness, LDP assurance findings, and Readiness Assessment 3 findings.

Programme Readiness

KC advised the Programme will undertake a 'bottom up' health check of Programme readiness as part of its Control Point 2 activities and will then undertake a 'top down' strategic review. Consideration is being given to how potential design changes emanating from testing activities may be triaged, and the need to prioritise changes and ensure stability for testing. Further information will be provided to the PSG. JH believed this was important and urged caution around any change to the Fast Track Design Change Process until SITF commences. KC highlighted feedback that the fast track process been effective, and the Chair noted the Programme will be closely scrutinising the continued effectiveness of the process and how design releases are managed during testing.

Conclusion

KC concluded that a host of detailed information will be provided to the PSG to support the decision on M9 approval. Expectations on PSG members in the lead up to the decision include consulting with constituents and ensuring any risks or issues with approval are raised to the Programme at the earliest opportunity to ensure dialogue and support can be provided. The Programme will support any bilateral discussions with participants who may have concerns ahead of the decision. Confidential matter can be raised directly to the Programme SRO. PSG members were requested to submit views on whether they feel able to support the recommendation M9 be approved following the publication of the extraordinary PSG meeting papers on 23 October 2023.

8. Qualification Testing

CH provided an update on QT and actions the Programme will undertake to work with Code Bodies and the IPA in response to concerns raised by the PSG. The Programme is working with the Code Bodies on alternative approaches to progress QT arrangements. This includes removing dependencies on SIT collateral for developing Qualification that is testing on the basis of roles, rather than the End-to-End testing in SIT. Alternative approaches are seeking to de-risk the completion of non-SIT Licensed Distribution System Operators (LDSOs) qualification in time for M10 (Central systems ready for migrating MPANs) and the commencement of non-SIT Supplier and Agent qualification in January 2025 per the Programme Plan. There is no intention to move M10 or go live for non-SIT parties. The focus is on non-SIT LDSO testing, as it is the most immediate milestone.

The Programme will work with Code Bodies and the IPA to produce an initial plan to present at the PSG in November 2023.

ACTION PSG25-03: Programme to work with Code Bodies and the IPA to present an initial plan for an alternative approach to the delivery of Qualification Testing to the November 2023 PSG

JR stated they looked forward to further detail being provided and were glad the Programme are acting in response to concerns raised. JR asked whether the Programme are considering both SIT LDSO and non-SIT LDSO requirements in relation to Placing Reliance, and the risk that any QT requirements for SIT-LDSO beyond activities already due to be undertaken as part of SIT may require additional testing and/or the provision of new environments.

CH advised the Programme has mapped the systems LDSOs use and will then use this for awareness of where Placing Reliance might be applied from SIT testing for non-SIT parties. JB noted the Programme is working with the Code Bodies to include QT requirements within SIT to avoid additional testing for SIT participants where possible and to further support Placing Reliance for non-SIT parties. To support this, the Programme must understand any QT requirements above SIT requirements and will then seek to include these within SIT to avoid the need for additional testing for SIT participants for qualification. An example of this is the requirement for all LDSOs to demonstrate operational services where the operational environment is different from that tested (e.g. MPRS). The Programme is looking at how this will be included within the scope of SIT. It was confirmed a session would be held on this subject for SIT and non-SIT LDSOs, and their service/software providers.

The PSG were supportive of the Programme's efforts to accelerate QT arrangements, include QT testing requirements in SIT for SIT participants, and the optimisation of Placing Reliance for non-SIT participants.

The Chair invited comments from the Code Bodies to which none were raised. The Chair advised that the Programme would do all it can to support parties and protect the delivery of the Programme Plan.

9. Delivery Dashboards

The PSG reviewed the delivery dashboards by exception, a summary of key discussions is provided below:

Risk Themes

The Chair highlighted the scoring for risk R653 relating to defining QT for non-SIT LDSOs had been increased and actions were underway to work with the Code Bodies to mitigate this (see item 8 above).

The scoring for risk R380 relating to LDSOs being potentially unable to participate in QT or unable to complete in time had been reduced given the increased support and mitigations being provided by the Programme.

Monthly Delivery Reports

St Clements:

CP noted that whilst there was no significant change from the previous month's delivery report, there had been some slight downgrading of risks. CP highlighted challenges with comparing changes between different versions of the Interface Catalogue and Swagger. CP requested redlining of the Interface Catalogue is provided where updates are made, and a method of highlighting Swagger changes provide to avoid participants needing to undertake individual comparisons. CP noted this would assist in mitigating resource constraints.

RECCo:

JH noted the update provided by the Programme on QT may mitigate the current 'red' dependency detailed in the RECCo delivery report. JH noted however that a change in approach may detract from RECCo's current understanding of the way forward. Clarity will be sought from the Programme and Elexon Helix. The Chair reaffirmed the desire to work closely

with Code Bodies to ensure clarity and for any change in approach to be a collaborative exercise with the Programme and Code Bodies working hand in hand.

10. Summary and Next Steps

The Chair thanked members for their contributions and reiterated the importance of dialogue with the Programme where any concerns or challenges exist over the commencement of SIT CIT on 30 October 2023.

Dates of Next Meetings:

Extraordinary: 30 October 2023 14:30pm

Regular: 08 November 2023 10am