MHHS Programme Steering Group (PSG) Headline Report

Issue date: 07/05/2024

Meeting Number	**PSG032**	Venue	**Virtual**
Date and Time	**01 May 2024 10:00-12:00**	Classification	**Public**

New / Outstanding Actions

Area	Ref	Action	Owner	Due
Minutes and Actions	PSG32-01	Programme to share the latest updates on assurance process for LDSOs for the accuracy of data for DUoS charging	Programme (Jason Brogden)	03/05/2024
	PSG32-02	Elexon Representative to share paper with PSG on arrangements for settlement analysis to consider potential impacts which may occur following MHHS go-live	Elexon (John Abbot)	05/06/2024
	PSG32-03	Elexon to arrange discussions with PSG on paper on arrangements for settlement analysis to consider potential impacts which may occur following MHHS go-live	Elexon (John Abbot)	05/06/2024
	PSG32-04	Programme to issue CR050 (*Amendments to the MHHS Change Control Approach and Form*) to Impact Assessment to obtain participant views to support Ofgem decision on approval	Programme (PMO)	ASAP
CR044 & CR045 Decision	PSG32-05	Programme to determine mechanism for assessing implementability of CR044 and CR045 with participants ahead of M10	Programme (PMO)	05/06/2024
	PSG32-06	Programme to engage Code Bodies ahead of the final decisions on CR044 and CR045 to ensure arrangements are in place for handover and implementation as soon after M10 as possible, if implementation is not possible pre-M10	Programme	05/06/2024
CR045 Decision	PSG32-07	Programme to hold Design Resolution Group (DRG), to develop detailed solution for CR045	Programme (Paul Pettit)	05/06/2024
DBT2 (Consequential Change) Risk Assessment	PSG32-08	IPA to consider governance of DBT2 assurance and any participant impact assessment required	IPA (Richard Shilton)	05/06/2024
	PSG32-09	IPA to discuss DBT2 assurance arrangements and approach with Large Supplier Representative	IPA (Richard Shilton)	05/06/2024

Programme Reporting	PSG32-10	Programme to discuss SIT Functional Cycle 1 exit criteria with Large Supplier Representative	Programme (Adrian Page)	05/06/2024
Previous Meeting(s)	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	Q1 2024
	PSG18-05	Progress the assurance process for LDSOs for the accuracy of data for DUoS billing.	IPA	07/02/2024

Decisions

Area	Ref	Decision
Minutes and Actions	PSG-DEC73	Headline Report of the previous meeting was approved with no amendments
CR047 Ratification	PSG-DEC74	SRO ratified the approval of CR047 and the inclusion of new/amended non-SIT LDSO qualification milestones within the Programme Plan
CR048 Ratification	PSG-DEC75	SRO ratified the approval of CR048 and the inclusion of new/amended non-SIT supplier and agent qualification milestones within the Programme Plan
CR044 Decision	PSG-DEC76	SRO approved CR047 in principle, with a final decision on pre-M10 implementation to be taken by Autumn 2024, and the change handed over to Code Bodies for implementation post-M10 if required
CR045 Decision	PSG-DEC77	SRO approved CR048 in principle, with a final decision on pre-M10 implementation to be taken by Autumn 2024, and the change handed over to Code Bodies for implementation post-M10 if required

Key Discussion Items

Area	Discussion
Minutes and Actions	The Headline Report of the previous meeting was approved with no amendments (**DECISION PSG-DEC73**). Action wording and updates can be found within the meeting papers, and key discussion points are summarised below: **PSG18-05**: IDNO Representative requested an update on assurance of the accuracy of data for Distribution Use of System (DUoS) charging. The Programme advised there were actions with Elexon which the Programme is supporting, and the outputs of SIT Functional (SIT F) Theme 8 (Settlement Testing) may be used by Licensed Distribution Service Operators (LDSOs) to check their DUoS billing systems. The Programme agreed to share the latest updates (**ACTION PSG32-01**). *POST MEETING UPDATE:* *The approach to DUoS billing reports and accuracy checking is still as per the SIT F Test Scenarios & Test Cases Deep Dive 5 held 07 November 2023 where this was set out as in scope (recording available on the SITWG area of the Programme Collaboration Base). The opportunity for LDSOs to take the output from Theme 8 testing to check their DUoS billing systems was highlighted, as well as the opportunity to ask Suppliers to validate their DUoS billing output from DNOs (from REP900 & REP901 reports, e.g. using SONET).*

As part of the MHHS testing team's discussions with the Elexon Helix Programme, they have confirmed they will undertake the following Validation of Settlement Results (Helix Requirements), as per this November position:

- *Before running MDS and VAS; Helix will generate a report for the in-scope MPANs detailing the baseline data submitted (e.g. associated with Suppliers or DNOs); This would give Helix, and suppliers/DNOs, visibility of the settlement calculation input data, to then assist with output validation;*

- *Central systems calculations (LSS, MDS and VAS) will be validated with the support of Helix, using automated tools;*

- *Aggregated output (REP002, REP002A, REP002B, REP003), i.e., Settlement Reports will be subject to Helix SME validation - expert judgement informed by the granulated automated test results (e.g., for VAS validation of MDS, VAS automated tool validation of VAS).*

There are active discussions across the Programme to finalise the schedule and orchestration of this testing, including further ongoing discussions regarding DUoS billing functionality delivery timescales, to ensure they align. The Programme will be providing industry updates via the Working Groups.

There is no reconciliation between old Settlement Reports and new Settlement Reports because they are being derived using different calculations which are not able to be reconciled. This has never been set out in Programme test materials and there are no legacy test environments established with any consideration of the test data required to support this form of check. This would be a very significant change to introduce at this very late stage of the Programme and has not been set out in any of the test approaches or material from the End to End Test & Integration Strategy through to the test scenarios and test cases, including Settlement Theme 8.

For any queries or requests for further information, please contact Testing@mhhsprogramme.co.uk.

Action ongoing.

PSG28-01: Elexon Representative advised a paper will be issued in due course on arrangements for settlement analysis to consider potential impacts to settlement which may occur following MHHS go-live (**ACTION PSG32-02**). Two areas have been identified which can be modelled, changes in calculation approach for group correction factors and post go-live import/export, and cost assessments for model development have commenced. The representative advised there were challenges with modelling the impacts of more accurate settlement usage shapes from active participants which could affect trading charges, and it may not be possible to model this, meaning operational checks would be necessary at the commencement of migration.

I&C Supplier Representative stated the risk of unexpected impacts on settlement following MHHS go-live was a 'Day 1' risk, and expressed nervousness that settlement usage shapes may not be modelled ahead of MHHS go-live and market mechanisms will react before analysis can be undertaken. The Elexon Representative highlighted Day 1 (i.e. migration commencement) risks, such as group corrections factors, would be modelled and potential impacts around usage shapes would not manifest until post-migration. The representative went on to note the breadth of tests required to model more accurate usage shapes may encompass the entire market and there was no apparent practical method of analysing this without real-world data. The representatives agreed further discussion would be undertaken following publication of the Elexon paper (**ACTION PSG32-03**). Action closed.

PSG30-05: Ofgem advised that following consideration of proposed changes to the MHHS Change Control Approach (CCA), it had been determined this was a significant change and would therefore require Ofgem consideration and approval as Programme Sponsor. Ofgem noted a driver of this position was the desire to ensure transparency in the approach and final steps of decision making for Programme Change Requests (CR). Ofgem

	requested CR050 (*Amendments to the MHHS Change Control Approach and Form*) is issued to Impact Assessment (IA) to obtain participant views to support their decision (**ACTION PSG32-04**).

The MHHS Senior Responsible Owner (SRO) and Ofgem determined that owing to the changes to the CCA having already been approved at the PSG on 06 March 2024 and subsequently implemented, the new process would continue to operate whilst CR050 is assessed and until such time as Ofgem may determine otherwise. Action closed. |
| **CR047 Ratification** | The Programme provided an overview of IA responses to CR047 and noted the CR had progress under the 'new' change control arrangements (*see PSG30-05 above*). The CR was approved by the MHHS Change Board, subject to PSG ratification, on 22 April 2024.

The DNO Representative stated the new arrangements had worked well and had assisted in drawing out potential DNO delivery challenges early on and enabling the Programme to provide support to overcome these ahead of the decision on CR047. The representative noted a risk around submission of Pre-Integration Testing (PIT) completion reports by DNOs by the milestone deadline specified in CR047, which the Programme advised would be managed via the Programme RAID Log (**ACTION PSG32-05**) and noted by the Qualification Testing (QT) team.

The Chair summarised there were no apparent objections to approval of the CR and the changes provided a positive direction for QT, with participants already working to the new/amended milestone forecast dates.

The Chair, as MHHS SRO, ratified the approval of CR047 and the inclusion of new/amended non-SIT LDSO qualification milestones within the Programme Plan (**DECISION PSG-DEC74**). |
| **CR048 Ratification** | The Programme provided an overview of IA responses to CR048 and noted the CR had progress under the new change control arrangements. The CR was approved by the MHHS Change Board, subject to PSG ratification, on 22 April 2024. The Programme noted there had been unanimous support for the CR in IA responses.

The Chair, as MHHS SRO, ratified the approval of CR048 and the inclusion of new/amended non-SIT supplier and agent qualification milestones within the Programme Plan (**DECISION PSG-DEC75**). |
| **CR044 Decision** | The Programme provided an overview of IA responses to CR044, noting the CR had progress under the 'old' change control arrangements and had been escalated to the PSG by the Design Advisory Group (DAG) owing to challenges with implementation timeframes. The DAG recommended that change to the MHHS Design is required in relation to CR044, but participant IA responses and views provided to DAG constituency representatives indicated implementation pre-M10 (Central systems ready for migrating MPANs) would be challenging and may risk programme delivery. The Programme noted the cross functional impacts of the CR in terms of design changes and programme delivery highlighted why the new change process was beneficial, as increasingly decisions on CRs cannot be made by a single Advisory Group in isolation.

The Programme advised the risks of post-M10 implementation centred around the potential that if a significant outage occurs in central systems (e.g. MPRS, EES, DIP, etc.) there may be no predefined method to realign data. It was noted the CR effectively provides a contingency for a large scale outage, of which the risk of occurrence was considered low.

The Chair suggested a pragmatic approach would be to approve the CR in principle and review the feasibility of implementation pre-M10, with a decision taken by Autumn 2024 on whether implementation is possible, or the change is handed over to Code Bodies to implement post-M10. In the meantime, the Programme would engage participants on their ability to implement pre-M10 and engage with Code Bodies on potential handover requirements.

PSG member comments are summarised below: |

	• RECCo Representative believed the CR should be implemented pre-M10 but agreed with the pragmatic approach suggested (notwithstanding potential impact on code drafting, which will crystalise at M8 (Code changes implemented)). The representative believed the risk of post-M10 implementation had not been quantified and expressed nervousness over there being no pre-agreed mechanism to correct data without knowing the potential scale of issues or defects which may emerge post-M10. The representative acknowledged the CR is not critical to delivery of M10 but noted the arrangements for the transition of MHHS Design changes to enduring code governance arrangements post-M10 was not yet defined and supported the proposed engagement with participants on implementation timelines through to Autumn 2024. • Large Supplier Representative acknowledged the low likelihood of issues occurring, but noted the challenges faced by constituents previously in realigning data when system outages occur. The representative believed it was unclear what the impacts to consumers may be if an outage were to occur prior to implementation of the CR, but acknowledged such impacts were challenging to quantify. The representative agreed with the pragmatic approach suggested. • Elexon Representative advised work on arrangements for the handover of MHHS Design change to enduring code governance change processes was underway and there is awareness of potential impacts to approved code drafting should implementation occur pre-M10. • DNO Representative agreed the solution was required and acknowledged the potential challenges with pre-M10 implementation as expressed by participants. The representative stated there may be scope for MPRS to implement the solution pre-10 but it was unclear whether participants would be able to. The representative requested a decision is made as soon as possible, as opposed to Autumn 2024 being seen as a deadline for decision. • The MHHS Design Lead highlighted the solution was already fully developed and awaiting implementation. The Chair summarised: • PSG agree the solution is required • There were no objections to approving CR044 in principle • Participants would be engaged on ability to implement pre-M10, with a final decision taken on whether implementation is pre/post-M10 by, or before, Autumn 2024 • Code Bodies would be engaged ahead of the final decision to ensure arrangements are in place for handover and implementation as soon after M10 as possible, if implementation is not possible pre-M10 (**ACTION PSG32-06**) The Chair, as MHHS SRO, approved CR044 in principle, with a final decision on pre-M10 implementation to be taken by Autumn 2024, and the change handed over to Code Bodies for implementation post-M10 if required (**DECISION PSG-DEC76**).
CR045 Decision	The Programme provided an overview of IA responses to CR045 noting that, as with CR044 (*see above)*, the decision on the CR had been escalated to PSG by DAG owing to respective challenges/risks associated with pre/post-M10 implementation. The Programme provided an overview of the risks associated with post-M10 implementation, which centred on there being no automated mechanism to correct Supply Start / End Dates with central systems, should an issue occur. The Programme advised participants have indicated this currently affects c.100-200 MPANs per month. The Chair proposed the same approach was taken for CR045 as was agreed for CR045. The Programme noted detailed solution development was still required, and this would be undertaken via the Design Resolution Group (DRG), and an implementation group convened with participants thereafter to assess the feasibility of implementation pre-M10 (**ACTION PSG32-07**).

	The Medium Supplier Representative stated their constituents advised implementation pre-M10 would not be possible, but that CR045 should be considered a higher priority that CR044 for post-M10 implementation.
	The Chair, as MHHS SRO, approved CR048 in principle, with a final decision on pre-M10 implementation to be taken by Autumn 2024, and the change handed over to Code Bodies for implementation post-M10 if required (**DECISION PSG-DEC77**).
M10/M11 Cutover Governance Approach	The Programme advised a governance approach has been developed for the approval of cutover milestones, including a delivery/implementation group and supporting Programme milestones. The Programme advised the approach was currently out for consultation, and visibility was being provided to the PSG owing to the arrangements being pertinent to future Tier 1 (T1) Programme milestones which would be brough to PSG for a decision on approval.
	The Programme proposed the Transition and Operational Readiness Working Group (TORWG) provides the final recommendation to PSG on approval of the relevant T1 milestone, to which there were no objections. Several PSG members agreed the approach was sensible.
DBT2 (Consequential Change) Risk Assessment	The IPA provided overview of work to risk assess participant Desing, Build, Test 2 (DBT2), relating to consequential change to participant systems and processes. The IPA advised consequential change was important for ensuring correct operation of the market and the right outcomes for consumers and recommended an assurance process is undertaken. The IPA noted a dependency on the Programme to agree precisely the activities which are considered within scope of the Programme (DBT1) and those which are considered participant consequential change (DBT2).
	The Small Supplier Representative queried whether participant impact assessment should be undertaken in relation to any proposed DBT assurance (**ACTION PSG32-08**), which the IPA agreed to consider. The Chair clarified any impact assessment would not be undertaken by the Programme as DBT2 assurance was not in scope of Programme activities. The Large Supplier Representative requested clarity on the requirements and approach to any DBT2 assurance, which the IPA agreed to discuss with representative directly (**ACTION PSG32-09**).
Programme Reporting	**SIT Functional (SIT F) Test Status**
	The Programme provided an overview of the objectives for SIT F Cycle 1, per the meeting slides. The Programme advised test execution for individual testing cohorts was maintaining a steady trajectory and no major defects had yet arisen, providing confidence all required tests will be executed by the end of Cycle 1. The Programme highlighted progress for paired cohort testing was not as good, with no tests yet passed, and a Programme risk had been raised.
	Several PSG members questioned whether there was a risk that test not covered in Cycle 1 would increase the risk for Cycle 2. The Programme advised cohorts were being directed on which tests to undertaken to ensure execution coverage for Cycle 1, The Programme stated any outstanding tests must be completed by the end of SIT and before qualification testing, rather than in Cycle 2 alone, and the current view was there was not a risk to Cycle 2 and pass rates should increase as defects are fixed and testing progresses. The Programme advised if the risk profile for SIT begins to elevate the PSG will be informed accordingly (**ACTION PSG32-10**).

Date of next meeting: 05 June 2024 at 10:00am (F2F)

Attendees		Apologies
Chair		None
Helen Adey (Chair)	MHHS SRO	
Industry Representatives		
Andrew Campbell	Small Supplier Representative	
Caroline Farquhar	Consumer Representative	

Chris Price	DNO Representative
Elaine Eyles	Medium Supplier Representative
Gareth Evans	I&C Supplier Representative
Graham Wood	Large Supplier Representative
Jenny Rawlinson	IDNO Representative
Joel Stark	Supplier Agent Representative (Independent)
John Abbott	Elexon Representative (Central Systems Provider)
Jonathon Hawkins	RECCo Representative
Kerren Kelly	National Grid ESO
Paul Akrill	Supplier Agent Representative
Tamsin Lucas	DCC Representative (Central Systems Provider)

MHHS IM

Adrian Page	SI Lead
Andrew Margan	Code Lead
Chris Harden	Programme Director
Chris Welby	Programme Industry SME
Dominic Mooney (part meeting)	Programme Quality Manager
Fraser Mathieson	Governance Lead
Immy Syms	PMO Change Lead
Jason Brogden	Programme Industry SME
Keith Clark	Programme Manager
Lewis Hall	PMO Manager
Matthew Breen	Transition Delivery Manager
Nicola Fairley	Non-SIT LDSO Qualification Lead
Paul Pettitt	Design Lead
Warren Fulton (part meeting)	Migration Lead

Other Attendees

Andy MacFaul	Ofgem
David Gandee	IPA
Jenny Booth	Ofgem
Lauren Kennedy (part meeting)	Elexon
Richard Shilton	IPA
Sinead Quinn	Ofgem