MHHS Programme Steering Group (PSG) Headline Report

Issue date: 07/06/2024

Meeting Number	**PSG033**	Venue	**Virtual**
Date and Time	**05 June 2024 10:00-12:00**	Classification	**Public**

New / Outstanding Actions

Area	Ref	Action	Owner	Due
Headline Report and Actions	PSG33-01	Programme to provide information on expectations on parties post-M10 to support resourcing and management view	Programme	03/07/2024
Core Capability Providers (CCP) Deep Dives	PSG33-02	Elexon to provide further clarity on progress to define how changes required to MHHS arrangements via BAU code governance will be managed, and how the Authority will be engaged to ensure the timely progression of code modifications/change proposals which may require direction via SCR powers	Elexon (John Abbott)	03/07/2024
Pre-Qualification Submission Update	PSG33-03	Programme/Elexon to arrange for update to be issued to participants Pre-Qualification Submissions (PQS) via The Clock	Programme (Nic Farley) & Elexon (Laura Kennedy)	03/07/2024
Previous Meeting(s)	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
	PSG32-05	Programme to determine mechanism for assessing implementability of CR044 and CR045 with participants ahead of M10	Programme (PMO)	05/06/2024
	PSG32-08	IPA to consider governance of DBT2 assurance and any participant impact assessment required	IPA (Richard Shilton)	05/06/2024
	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

Decisions

Area	Ref	Decision
Headline Report and Actions	PSG-DEC78	Headline Report of the previous meeting approved with no amendments
Programme Change Requests	PSG-DEC79	SRO rejected CR044 in the Programme – to be handed over to Code Bodies for implementation post-M10

Key Discussion Items

Area	Discussion
Minutes and Actions	The Headline Report of the previous meeting was approved with no amendments (**DECISION PSG-DEC78**). Action wording and updates can be found within the meeting papers, and key discussion points are summarised below: **PSG32-03**: The Elexon Representative advised development meetings have been held with the I&C Supplier Representative and other parties on how the impacts of MHHS on Group Correction Factors (GFCs) may be modelled, Elexon are now working to build and deliver this model and an update will be provided at the July PSG. Action ongoing. **PSG32-07**: The Programme advised two Design Resolution Group (DRG) meetings had been held to develop the detailed solution for Programme Change Request (CR) 045 (Supply Start Date (SSD) Correction Tool), and a Programme Participant Information Request (PPIR) would now be issued to assess the feasibility of pre-M10 (Central systems ready for migrating MPANs) implementation. Action changed to closed. **PSG32-08**: The IPA advised DBT2 assurance arrangements were currently under development and would be socialised at relevant MHHS governance groups (e.g. Migration and Cutover Advisory Group (MCAG)). Action ongoing. The IDNO Representative requested information is provided on expectations for participants post M10, to support understanding of resourcing and management requirements. The Elexon Representative advised further clarity would be provided as 'Early Life Support' (ELS) arrangements are developed. The Programme noted the ELS arrangements would be developed iteratively and discussed at relevant MHHS governance groups (**ACTION PSG33-01**).
Programme Reporting	**SIT Progress Updates** The Programme provided updates on SIT Functional (SIT F) testing progress and SIT Migration (SIT M) readiness. They emphasised prioritising incomplete tests from SIT F Cycle 1 (C1) to support SIT M, such as Change of Agent (CoA) and Change of Supplier (CoS) tests. Progress through C1 has been slower than expected, with lower individual cohort coverage. High-priority incomplete tests from C1 will be scheduled for SIT F Cycle 2 (C2). A phased testing schedule for SIT M will begin on 10 June 2024 with forward migration/CoA tests. Preparations for later stages, like SIT Non-Functional Testing (SIT NFT), are progressing, with Test Approach & Plan (TA&P) documents in place and data preparation underway. A retrospective session on SIT F C1 held on 30 May 2024 yielded several improvement recommendations, which are being prioritised for deployment before SIT M starts. Participants will be updated on these improvements via the Fast Track Implementation Group and other MHHS governance groups. The SIT Working Group will receive updates on 06 June 2024.

	PSG Member Comments • RECCo Representative: Raised concerns about the clarity of SIT NFT scope and its implications for test tooling and Qualification Testing (QT). The Programme clarified that the Non-Functional Testing Approach & Plan provides an overview of the scope and test scenarios, noting the document has been consulted with participants but is not yet approved at SITAG. • Large Supplier Representative: Expressed concerns about increasing test throughput in later stages and completing outstanding tests from C1, potentially impacting future SIT milestones or QT. The Programme assured that improvements from the retrospective session and platform updates would mitigate these concerns and that this has been included in future SIT modelling, but progress will be monitored. • DNO Representative: Sought clarity on NFT requirements for Licensed Distribution Service Operators (LDSOs) and requested confirmation that all SIT cohorts aim for 100% pass rates by the end of SIT. The Programme confirmed this expectation and assured balanced support for all SIT participants. There is a specific NFT workshop with LDSOs and their service providers 6th June. • Medium Supplier Representative: Echoed concerns about resource impacts due to concurrent SIT stages and technical debt from previous cycles. They highlighted the additional burden of SIT Operational (SIT O) testing. The Programme explained the inclusion of SIT O tests was due to feedback from Code Bodies and necessary for qualification. The Elexon Qualification Lead confirmed coordination with the Programme Testing Team to ensure updates to SIT Test Scenarios and Test Cases are reflected in QT. The representative accepted this but noted increased participant workload. These concerns were also echoed by the Small Supplier Representative.
Core Capability Providers (CCP) Deep Dives	Core Capability Providers provided detailed updates on their delivery status, per the meeting slides. A succinct summary is provided below. **Elexon Helix:** Elexon Helix provided updates on MHHS operational readiness plans, highlighting the numerous interactions and components including code change facilitation, business change, service transition and operational testing, per the meeting slides. Key points included: • Significant work on defining change and operational models for detailed planning. • Formation of an overarching Plan on a Page (POAP) with expectations for further granularity in the coming months. • Productive sessions on BSC Code change facilitation to manage changes and maintain code artefacts post-M10, with ongoing work to address potential fast-track changes and upcoming code reform in 2026. • BSC Code Change Facilitation: Subgroup established to bolster processes and manage fast-track changes. Elexon currently drafting terms of reference for the new subgroup and clarifying cross-code requirements. Elexon emphasised the need for pragmatism in handling urgent changes (e.g., CR044 and CR045) and the need for consideration of DIP requirements. Elexon are assessing the methods to coordinate participant interactions effectively and ensure alignment on trigger points and agreement methods. The MHHS Programme Manager observed the updates provided by Elexon highlighted requirements for M10 and the transition of MHHS design change to BAU code governance arrangements, but there was a more immediate dependency requiring addressment relating to Elexon Helix readiness for SIT Operational testing commencement. The Elexon Representative confirmed awareness of this and noted work was still to progress. The MHHS Programme Manager stated urgency is now required to ensure the right requirements are included in SIT Operational testing, due to commence 7th October 2024. The Ofgem Representative requested Elexon urgently define the post-M10 service management approach and consider the timelines for any potential changes required to industry codes via BAU code governance processes to enable a view on whether any potential changes may require Authority

direction via Significant Code Review (SCR) powers. Ofgem wish to understand whether any such Authority directions may be required before, or by M10, and how they would be managed in the post-M10 ELS period (**ACTION PSG33-02**). The IPA noted there are many dependencies and interactions with industry requiring management as part of the transition of the MHHS Design to BAU code governance arrangements, and requested a plan is provided as soon as possible to provide confidence on arrangements. The RECCO representative requested input into the change and service management discussions and that interactions with wider industry service management were taken into account, which was noted by Elexon Helix.

Urgency on service management

Elexon Helix noted the work underway on Service Activation and the MHHS Programme Manager highlighted the importance of this on the critical path of the programme.

DIP: Noted relatively low defects seen during C1 which may be a reflection of the quality of SIT Component Integration Testing (CIT), or a reflection of the slower than anticipate progress in C1. DIP will deploy IR7.3 as planned and are working with the Programme to define requirements for IR8 in July/August 2024. Consideration is also being given to upcoming changes (e.g. CR044 / CR045). Extensive internal testing is underway for non-functional requirements, and the DIP has been exercised in processing up to 12m messages per hour, which has supported understanding of how to optimise throughput. Anticipated message volume requirements are c.1600 per second, and DIP have exercised the system at c.3000 per second. There is a dependency on the Programme to provide clarity on test tooling and requirements for SIT NFT, which was noted. Work is also underway on resilience, business continuity, and disaster recovery provisions. Service management development is progressing to plan, with an established service team in place, and onboarding of a QT team commencing to support derisking service readiness and ensure the DIP are equipped to support parties through M10 and beyond. The IPA noted previous challenges with Secondary Routing and the DIP Representative advised this functionality had been tested in the IR5 build, and few defects found, indicating the functionality has been successfully deployed. Secondary Routing will continue to be monitored through future test execution, but appears to be operating as required at present.

DCC: Advised there were no sections or major concerns to report. Noted focus on capacity management and contingency planning, and ongoing modelling to understand potential capacity impacts during migration. The IPA noted the previously mentioned 300k message limit during migration and asked whether forecasted capacity requirements were within this. The DCC Representative advised they were, and consideration is also being given to the scalability of systems if required. Information will be provided to relevant MHHS governance groups. The DNO Representative highlighted that some events may require up to five messages and urged consideration of whether this was accounted for in current forecasting and cross referenced with capacity limits to ensure alignment.

RECCo: Advised code drafting is on track. Noted the importance of ensuring alignment between the design artefacts and Swagger to avoid confusion as code drafting is based on the design. Development of qualification arrangement is progressing well. The Electricity Enquiry Service (EES) is on track for SIT. RECCo are developing operational readiness plans and reviewing party readiness. Consideration is being given to consequential change requirements also.

St Clements: Highlighted migration risk management and cooperation with the Programme to mitigate testing phase overruns. Thanked the Programme for supporting a phased entry to SIT M, which reduces risk. Several specific risks highlighted per the meeting slides, including potential issues with resourcing capacity owing to testing backlogs from previous phases, but looking at efficiencies which may end up giving us headroom. Highlighted potential risks around LDSO mandatory reporting and data loads, and agreed to consider potential weekend working with the Programme to ensure data loads completed ahead of SIT M commencement.

	DNO and IDNO: Provided progress updates for SIT and non-SIT participants, noting the specific high impact for LDSOs of St Clement's activities and the need for clarification on non-functional requirements (NFRs) and migration processes. Stated that generally, parties are comfortable and work is progressing as required, notwithstanding the clarification required form the Programme over NFT, qualification and service management.
Programme Change Requests	Programme provided updates on CR044, CR045, and CR050, per the meeting slides.
	CR044
	The Programme advised a PPIR had been issued to gather views on whether the CR044 solution is implementable pre-M10. Based on the responses, the Programme recommended post-M10 implementation and that CR044 is rejected under Programme change control arrangements, and handed over to Code Bodies for post-M10 implementation under BAU code governance processes.
	The RECCo Representative noted the recommendation would mean testing of the CR044 solution would not be undertaken via the Programme, but would still be required. The Programme advised Code Bodies would need to determine testing requirements with industry parties and that the SIT Operational Test Approach and Plan gives an outline of Programme proposed testing if it was approved pre-M10. The DIP Representative noted a DIP environment will continue to be available for use post-M10.
	PSG members discussed what alternatives exist to refresh data if required prior to CR044 implementation. Several attendees noted this would fall under BAU processes and there is no definitive mechanism, which was reported previously by the Programme as one of the risks of post-M10 implementation. Members agreed the need for deployment as soon after M10 as possible and that work would be required with industry parties to assess workable implementation timeframes. The RECCo and Elexon Representatives advised the solution was understood and the next steps would be to assess what changes are required to codes, confirm how the change will progress, and define a provisional implementation date. Efforts will be made to obtain a firm view of implementation timelines ahead of M10.
	The Chair, as MHHS Senior Responsible Owner (SRO), rejected CR044 and advised the change would be handed over to Code Bodies for implementation post-M10 (**DECISION PSG-DEC79**).
Pre-Qualification Submission Update	The Programme provided an overview of work to review participant Pre-Qualification Submissions (PQS), per the meeting slides. The Programme highlighted the value of this in enabling both the Programme and Code Bodies to target participants who may require support. The Programme stated analysis of the PQS submissions by market share showed a high degree of understanding of migration requirements across the market. Key risks and common challenges identified will be discussed with participants during bilateral meetings with the MHHS Programme Part Coordinator (PPC) Team, including potential confusion over Placing Reliance arrangements. The Programme noted some disparity between the participant-reported QT Pre-Integration Testing (PIT) completion dates and qualification wave allocation preferences provided by participants (i.e. PIT completion forecast after the commencement of QT), and advised this would also be raised with participants during bilaterals.
	The Large Supplier Representative expressed concern that participants had not necessarily received feedback on their PQS. The Elexon Qualification Lead advised Code Bodies have responded to parties where there are issues or queries with their PQS, and those who have not been contacted may infer their submission was adequate. Updates will be provided at the next Qualification Working Gorup (QWG) and the Programme/Elexon agreed to provide a wider update to participants on their PQS' via the Programme newsletter, The Clock (**ACTION PSG33-03**).

Date of next meeting: 03 June 2024 at 10:00am (virtual)

Attendees

Chair

Helen Adey (Chair)	MHHS SRO

Industry Representatives

Andrew Campbell*	Small Supplier 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
Keren Kelly	National Grid ESO
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
Fraser Mathieson	Governance Lead
Immy Syms	PMO Change Lead
Jason Brogden	Programme Industry SME
Keith Clark	Programme Manager
Lewis Hall	PMO Manager
Peter Edwarde	PPC Team
Philip McCann	Governance Lead
Nicola Farley	Non-SIT LDSO Qualification Lead
Paul Pettitt	Design Lead
Warren Fulton* (part meeting)	Migration Lead

Other Attendees

Renata Yussupova	IPA
Jenny Boothe	Ofgem
Lauren Kennedy	Elexon
Renata Yussapova	IPA
Rob McPherson	Elexon
Richard Shilton	IPA
Richard Warham	St Clements
Sinead Quinn	Ofgem
Victoria Moxham* (part meeting)	Elexon

*denotes virtual attendance

Apologies

Seat Vacant	Supplier Agent Representative
Seat Vacant	Consumer Representarive