MHHS PROGRAMME

Programme Steering Group #36
# 04 September 2024

Agenda

#	Item	Objective	Type	Lead(s)	Time	Page
1	**Welcome**		-	Chair	10:00-10:05 *5 mins*	1
2	**Headline Report and Actions**	Approve headline report of previous meeting and actions review	Decision	Chair & Secretariat	10:05-10:15 *10 mins*	3
3	**Update on M6**	SRO to approve M6	Decision	Programme (Chris Welby)	10:15-10:20 *5 mins*	5
4	**Testing Update**	Updates from the Programme on System Integration Testing (SIT)	Information	Programme (Keith Clark)	10:20-10:40 *20 mins*	7
5	**M10 Planning Update**	Programme to provide update on plan for M10	Information	Programme (Lewis Hall)	10:40-10:55 *15 mins*	12
6	**Programme Change Requests**	Decision on CR054	Decision / Information	Programme (PMO)	10:55-11:00 *5 mins*	16
7	**Delivery Dashboards**	Questions from PSG members on delivery dashboard content	Information	Chair	11:00-11:20 *20 mins*	21
8	**Summary and Next Steps**	Summarise actions and decisions, and look ahead to next meeting	Information	Chair & Secretariat	11:20-11:25 *5 mins*	58
	Appendix	RAID Theme Slides				

Headline Report and Actions

DECISION: Approve minutes and review actions

Chair & Secretariat

10 mins

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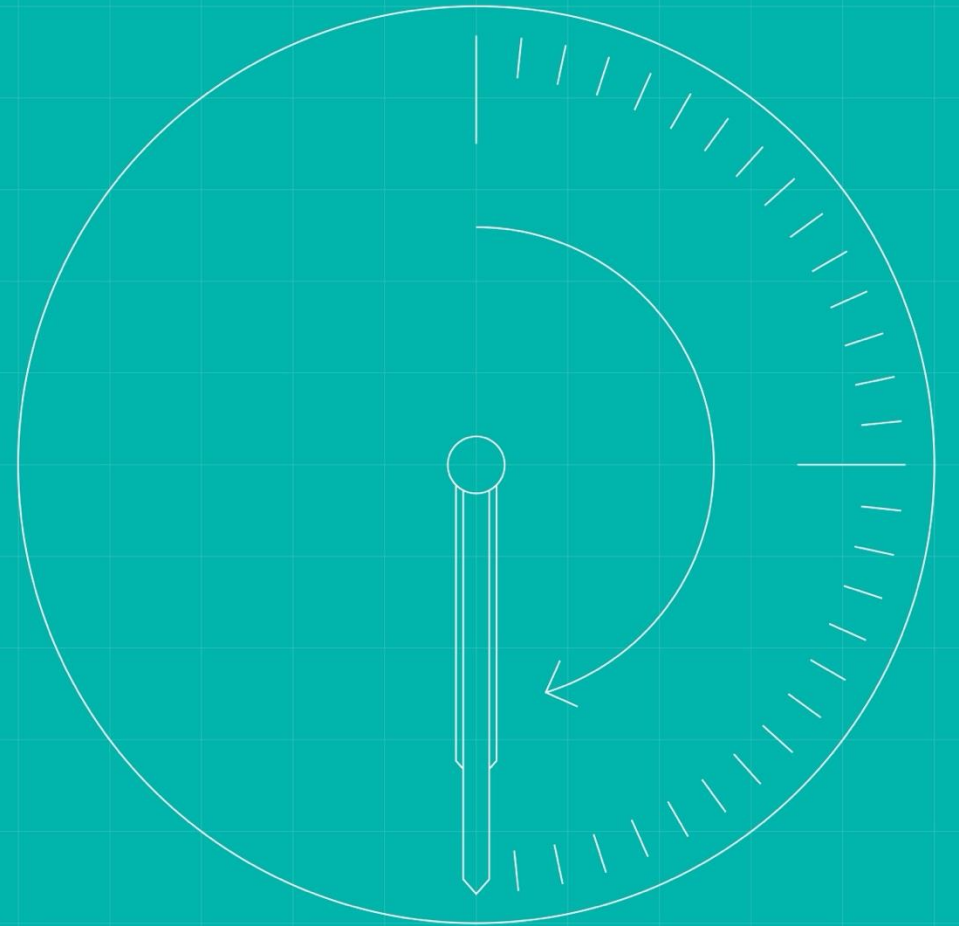
Headline Report and Actions (1/2)

1. Approval of PSG 07 August 2024 Headline Report
2. Review of actions:

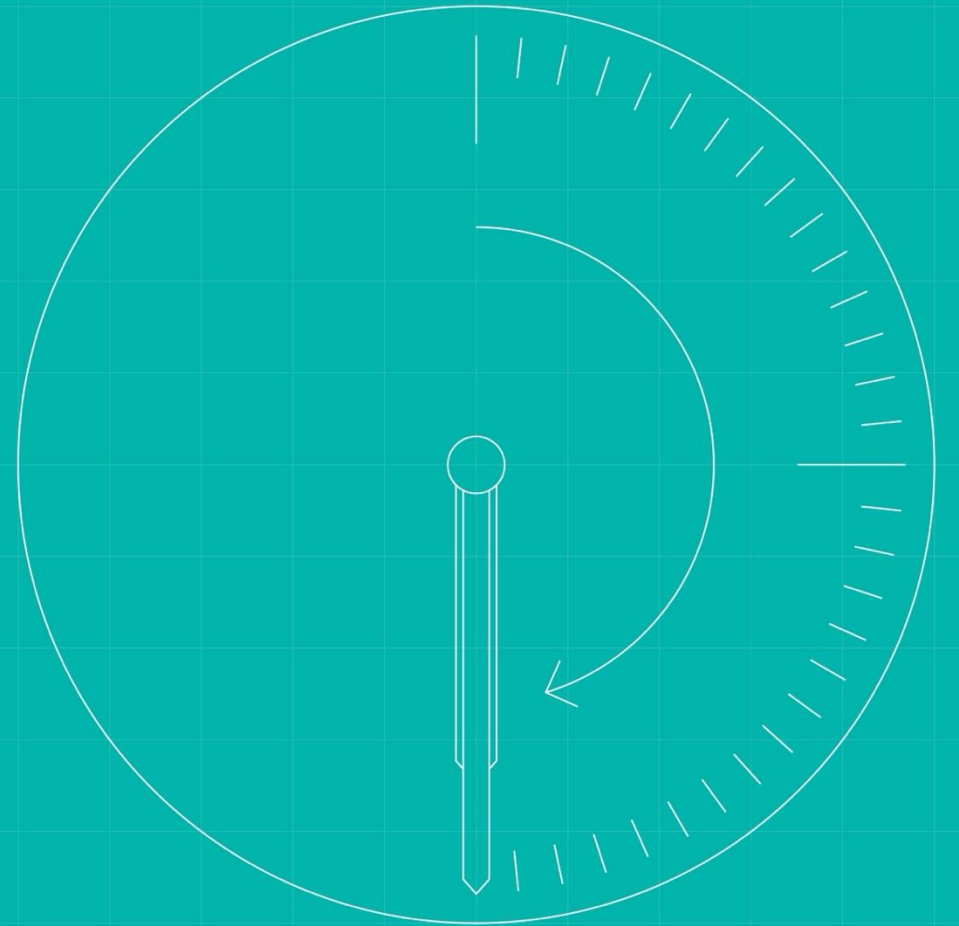| Ref	Action	Owner	Due	Latest Update
PSG35-01	Elexon to provide a breakdown of the type of MPAN data (e.g. Profile Class, GSP Group) to be used in Settlement Analysis Model.	Elexon	04/09/2024	RECOMMEND CLOSED: Elexon met with the relevant PP and provided a breakdown of the MPAN data.
PSG35-02	Programme to explore options to provide more transparency over future Change Requests and rejected Change Requests.	Programme/PPC	04/09/2024	RECOMMEND CLOSED: On Hold Change Requests can be found on the On Hold Change Request page on the Collaboration Base. They are also being tracked in the Participant Checklist and can be found on the "On Hold Change Request" Tab. You can view the Participant Checklist on the respective Planning pages of the Collaboration Base and the MHHS website.
PSG35-03	Programme to mark slides in PSG papers so PPs can identify updates that have been made since v1.0 of the papers were published to give PPs more transparency.	PMO	04/09/2024	RECOMMEND CLOSED: Programme will mark any slides that have been updated after v1.0.
PSG35-04	Ofgem to provide an update on incentives for migration activity. This update should clarify Ofgem's stance and any requirements or qualifications necessary for parties involved in migration.	Ofgem	04/09/2024	ONGOING: Awaiting response from Ofgem.
PSG34-01	Elexon Settlement Analysis model to be issued to Participants as soon as constructed and to update Participants on any changes to the 4-week construction timeline.	Programme / Elexon	07/08/2024	ONGOING: Elexon to provide updates as available.
PSG34-02	Programme to provide an update on post-M10 Change Management.	Programme	07/08/2024	ONGOING: Programme provided update at PSG 07 August 2024 and will provide further updates as they are required.
PSG33-01	Programme to provide information on expectations on parties post-M10 to support resourcing and management view.	Programme	03/07/2024	ONGOING: The Programme is considering this as part of the Early Life Support Model which is currently in development. There will also be expectations on participants to support the Migration Period as set out within the Migration Framework.

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M6 criteria met

DECISION: SRO to approve M6 as complete

Programme (Chris Welby)

5 mins

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MHHS Code Drafting – Code Baselined (M6)

- At CCAG on 21st August there was unanimous recommendation to baseline the Industry codes.

- Ofgem and Code Bodies have now received the baselined MHHS Code Artefact and acknowledge receipt. They will now commence work on delivering M7 which will direct the changes to the Code Body governance.

- The drafting contains 16 new BSC Code Artefacts, and amendments to 67 existing BSC Code artefacts, 22 REC Code schedules and new DCUSA text.

- During the drafting period Industry provided over 3,000 comments, coming from 32 separate organisations cover 11 programme constituencies. All these comments have since been resolved and confirmed that due process had been followed.

- Both the Code Drafting Working Group (CDWG) and Cross-Code Advisory Group (CCAG) unanimously supported the approval of the codes.

- All the relevant Code Bodies also supported the final drafting.

- The Programme is now asking the SRO and PSG to confirm that the requirement of the M6 milestone have been met in line with the Programme Plan.
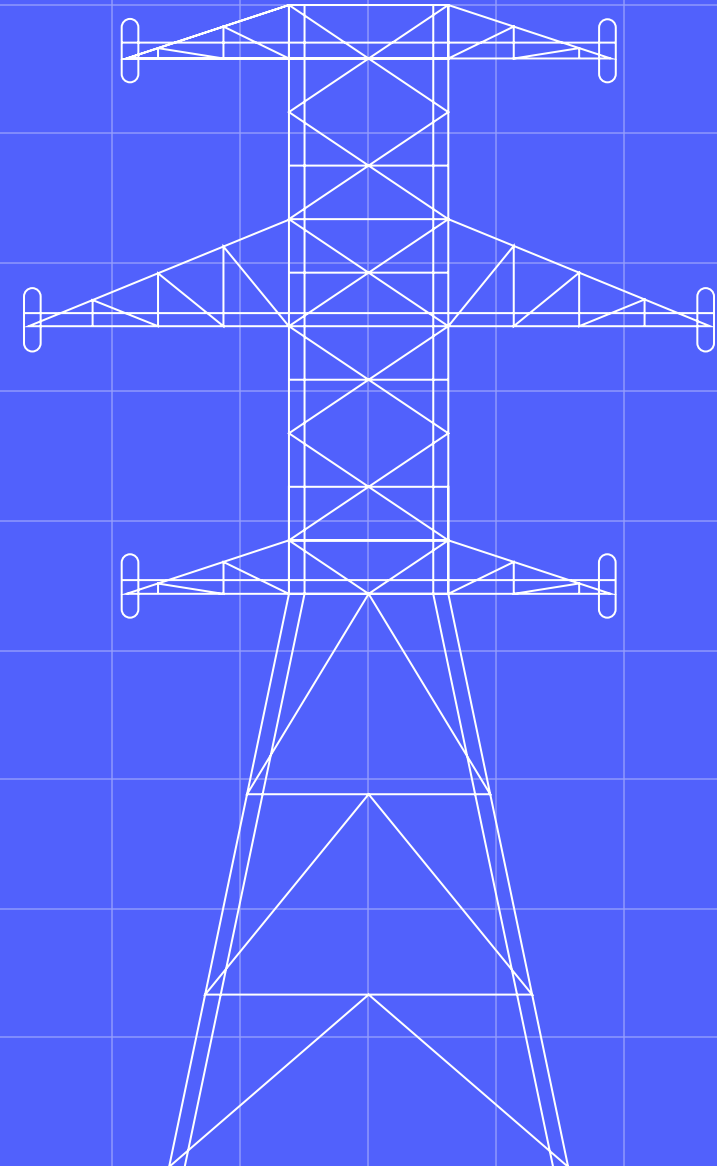
The Programme and Code workstream would like to thank all parties who contributed to the success of the Code Drafting (M6)

Testing Update

Information: Updates from the Programme on System Integration Testing (SIT)

Programme (Keith Clark)

20 mins

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<u>SIT Functional Cycle 2 Completion Targets (to 16-Aug-24)</u>

1. **Number of passed tests (by MVC cohorts) has met or exceeded the numbers set out in their respective agreed cohort execution models**
   - *Test execution rates across all Cohorts continues to be notably lower than expected / planned, noting that the expected model is higher than for Sprint 3*
   - *The 3 fastest Cohorts managed to achieve between **43% - 56%** test point achievement (vs. the agreed model / plan), including credit for progressed but not completed tests – the rate for completed tests (alone) was much lower – for the fastest 3 cohorts being between **20% – 32%***
   - *7 of 8 Cohorts exceeded the test step pass rates expected in the execution model. These cohort pass rates are 20 percentage points greater than for Cycle 1 – indicating that implemented improvements continue to have some positive effect.*

2. **Design coverage has been progressed adequately, according to business process-related measures:**
   - % Tests Executed > 85% across all themes for all allocated tests (excluding settlement – Theme 8)   ***Achieved 57%***
   - % Tests Passed   > 60% across all themes for all allocated tests (excluding settlement – Theme 8)   ***Achieved 54%***

3. **MPRS has been sufficiently exercised with key parameters passed (to manage readiness for non-SIT LDSO testing start):**
   - At least 1 Advanced Meter and 1 Smart Meter Test successful from within each of Test Themes 1, 2, 3, 4, 5 and 6
     ***Met for Advanced, Smart on track to meet target. At least 1 test passed for each Theme**. Coverage - 9 of 12 (Advanced), 6 of 12 (Smart)*
   - At least one UMS test successfully concluded from within each of Test Themes 1, 2, 3 and 4
     ***UMS on track to meet target**. Coverage - 3 of 4 areas*

<u>SIT Migration Completion Targets (to 16-Aug-24)</u>

1. **Number of passed tests (by MVC cohorts) has met or exceeded the numbers set out in their respective agreed cohort execution models**
   - *Test execution rates across all Cohorts continues to be notably lower than expected / planned, noting that the expected model is higher than for Sprint 3*
   - *The 3 fastest Cohorts managed to achieve between **38% – 59%** test point achievement (vs. the agreed model / plan), including credit for progressed but not completed tests – the rate for completed tests (alone) was much lower – for the fastest 3 cohorts being between **17% – 35%***

2. **5 stated Forward Migration CoA tests and 4 stated Forward Migration CoS test cases passed by at least 1 cohort (needed for non-SIT LDSO testing)**
   - ***4 of 5 CoA tests** have been passed by at least 1 cohort*
   - ***2 of 4 CoS tests** have been passed by at least 1 cohort*
   - ***Progress made by Cohorts F and J means it is now expected this target will be met in the early part of Sprint 4.1***

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Sprint 4.1 Progress

SIT Functional

- Sprint 4.1 is a Cycle 2 completion Sprint with Cohorts focused on completing the currently assigned tests

- Throughput and points achievement has remained comparable to Sprint 4 (averaged across the Cohorts)

- No singular Central issue impacting programme-wide testing. Cohorts are impacted by a mixture of both Central and internal defects. Central defects are being actively managed, with just under half ready for, or in, re-test. Where tests are impacted, Cohorts have other tests to progress in SIT F, Paired or SIT M to keep overall velocity as high as possible.

SIT Migration

- The increase in throughput and points achievement has continued. However, still far to go to catch up to original forecasts.

- 9 'Non-SIT LDSO Qualification Testing Dependency' priority tests completed by 1 or more Cohorts: 8/9 Passed by 1 or more Cohorts, 1/9 Nearing Conclusion.
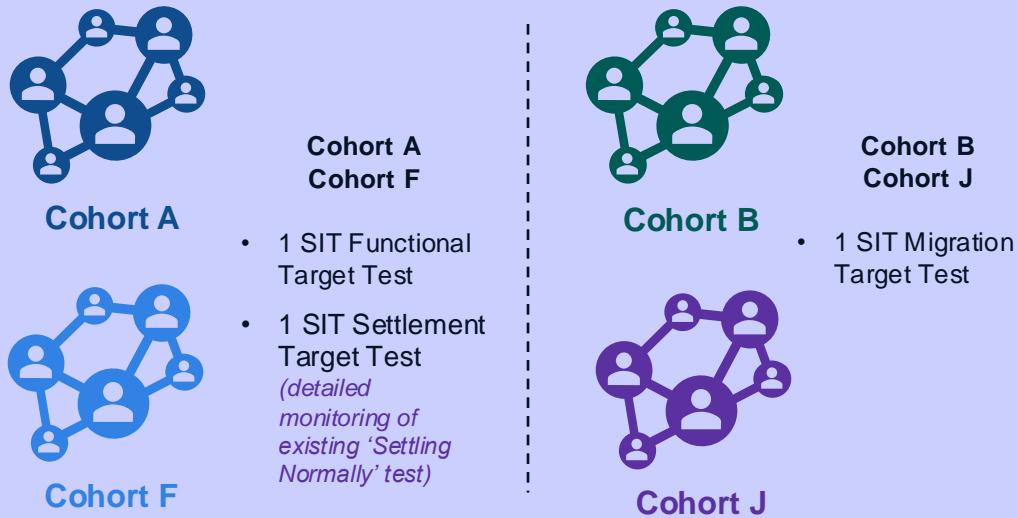
Settlement Testing

- 7/8 Cohorts are currently progressing the Settling Normally Test case – Cohort C is the most advanced currently at 83% steps passed, 4 other Cohorts are above 50% passed. Cohort E recently completed data set up and began testing this week, but no evidence in ADO yet.

- The programme arranged a walkthrough session with Helix and Participants to guide users how to validate the Settlement Accuracy reports.

- REP002 report validation is currently being discussed between programme and LDSO partners.

- The programme has identified the next Settlement Accuracy tests that Cohorts can progress with following successful conclusion of the Settling Normally test. These have been loaded in Cohort ADO projects for review and sessions to be held with the Cohorts nearing readiness to commence to walk through the Test Cases.

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Cohort Trial – Approach and Plan for Sprint 4.1

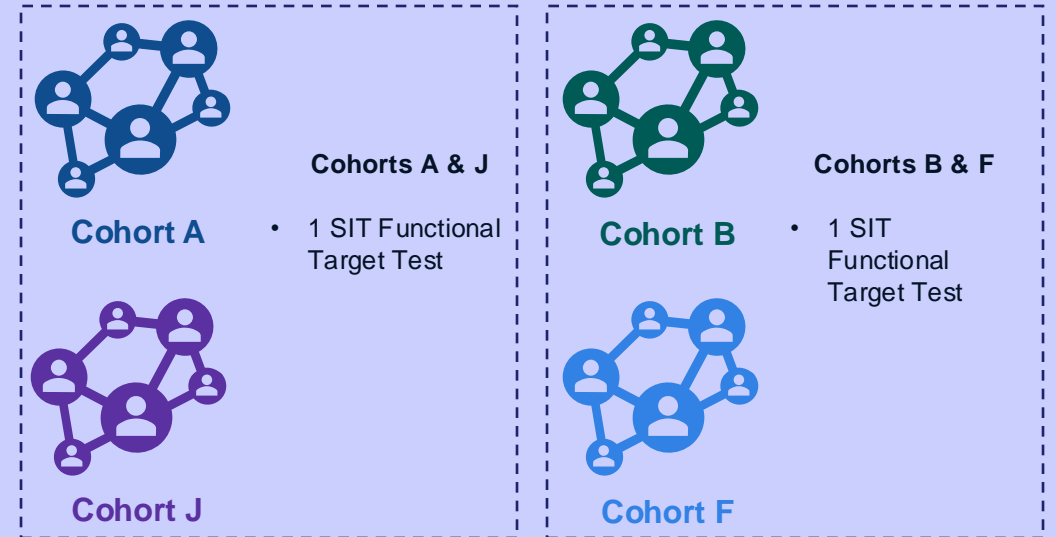## Objective: Use the MVC to identify and prove ways to accelerate testing

Single Cohorts' Trials (to start in Sprint 4.1)

Cohorts operating <u>individually</u> but conducting the same selected tests at the same time – to act as comparators, to learn lessons and potentially develop new policies

Cohort A

Cohort F

Cohort A
Cohort F

- 1 SIT Functional Target Test
- 1 SIT Settlement Target Test
(detailed monitoring of existing 'Settling Normally' test)

Cohort B

Cohort J

Cohort B
Cohort J

- 1 SIT Migration Target Test

Paired Cohorts' Trials (to start in Sprint 4.1)

Cohorts operating as <u>linked pairs</u> but again conducting the same selected tests at the same time – to act as comparators, to learn lessons and potentially develop new policies

Cohort A

Cohort J

Cohorts A & J

- 1 SIT Functional Target Test

Cohort B

Cohort F

Cohorts B & F

- 1 SIT Functional Target Test

Ethos:
- 'Gloves off' - challenge each other and ourselves
- 'Break down doors' – focus on what can be done, not what can't
- Act in minutes and hours, not days and weeks

Operation:
- Participant test team members, MHHSP Test Coordinators, MHHSP SMEs and delivery leads
- Agreed selected (difficult) tests, reinforced operational rules (e.g. response times)
- Teams channels, test navigation scoreboards and regular checkpoints

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MVC Trial Update

SIT Stage	Test Case	Cohort(s)	Status	Steps Passed	Commentary
SIT F Cycle 2	SITFTS-0840 TC03- Advanced LDSO with Meter	A	Passed	100%	
		F	Passed	100%	
SIT F Settlement	ST0030 TC01 - Settling Normally	A	In Progress	137/198 (69%)	
		F	In Progress	116/198 (59%)	
SIT F Paired	SITFTS-0845 TC02 - Traditional	A & J	In Progress	72/132 (55%)	No current blockers, test well advanced, awaiting CP evidences
		B & F	In Progress	16/132 (12%)	Re-started 29/08 due to TC defect 39372, awaiting CP evidences
SIT M	SIT-M-FM-COS-MS-DS-TC05 - Smart Meter (HH)	B	Passed	100%	
		J	In Progress	39/112 (35%)	No current blockers, test well advanced, awaiting CP evidences

Emerging Themes

Programme has observed the following factors emerging as areas to focus on for improvement opportunities

➢ Upfront review and understanding of the test case objectives is crucial to success

➢ Evidence capture burden – changes to approach and policy could realise further efficiencies

➢ Agreement between Cohorts / CPs on the selection of the Supply Start Date for COA / COS tests is critical (i.e. too soon or too far in the future)

➢ Enhanced focus and communication on test cases leads to greater velocity and general responsiveness

Next Steps

➢ Post Sprint 4.1 Programme team to fully assess the observations and workshop potential improvement opportunities

➢ In parallel, continue and complete the in-flight trial tests using the same levels of focus (unless they 'time out' at the end of Sprint 4.2)

➢ Programme to socialise improvement proposals (possible actions) for industry feedback

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M10 Planning Update

INFORMATION: Programme to provide update on plan for M10

Programme (Lewis Hall)

15 mins
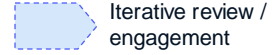
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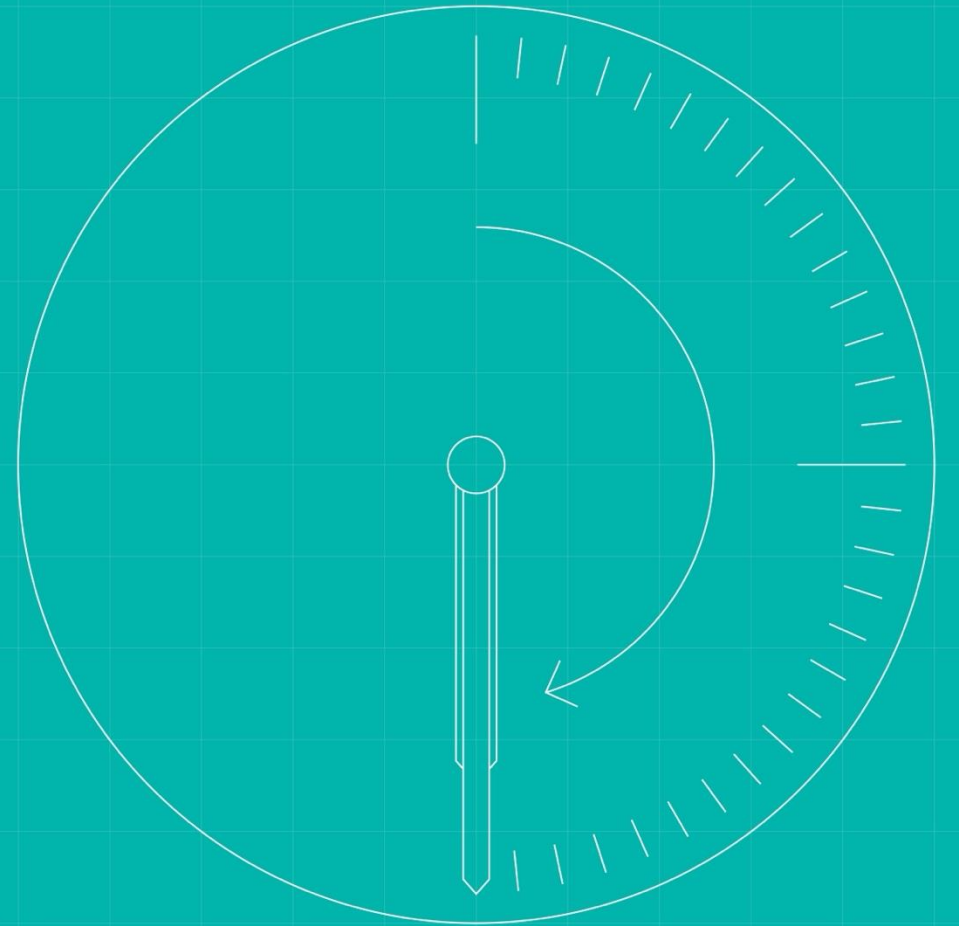
Plan for the Proposed Plan

Key — Activity | Iterative review / engagement | Ofgem interim reporting | Decision / Approval / Meeting | Milestone | Dependency
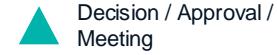
Week commencing	22/07	29/07	05/08	12/08	19/08	26/08	02/09	09/09	16/09	23/09	30/09	06/10	13/10

Milestones
- PSG update
- PSG update
- PSG update
- PSG approval

Programme activities
- SIT(F) S3, C2 → SIT Functional Sprint 4, Cycle 2 → SIT Functional Completion Sprint 4.1 → SIT Functional Completion Sprint 4.2
- SIT(Mig) S3, C2 → SIT Migration Sprint 4, Cycle 2 → SIT Migration Completion Sprint 4.1 → SIT Migration Completion Sprint 4.2
- SIT(Set) S3, C2 → SIT Settlement Sprint 4, Cycle 2 → SIT Settlement Completion Sprint 4.1 → SIT Settlement Completion Sprint 4.2
- IR8.2 Maintenance Window (SIT-A)
- IR8.2 Maintenance Window (SIT-B) → NF Data Load (SIT-B) → SIT NF (SIT-B)
- Sprint 4.1 Cohort Trial → Opportunity to continue with 4.1 ways of working
- SIT Operational
- Ofgem Interim Progress Reporting
- Ofgem Interim Progress Reporting
- Ofgem Interim Progress Reporting

Planning scenario development
- Initial scenario development → Scenario refinement → Update scenario w/ Sprint 4 // incorporate Ofgem feedback
- LDP review
- SRO review sessions
- IPA walkthrough
- IPA analysis → IPA playback → Ongoing IPA engagement
- Cohort End Date Execution Modelling exercise
- Close down outstanding items / assumptions in chosen scenario
- Finalise plan proposal

Status update – 30-Aug-24
- The Programme has decided to delay the issuing of the Change Request to industry by 2-weeks. The new target date is 23-Sep-24.
- This additional 2 weeks will enable:
  - Greater engagement with PPs, Code Bodies and Central Parties.
  - Another round of engagement with Ofgem.
  - Greater certainty on assumptions activities that have a direct impact on the plan timelines.
- The timeline in has been updated to reflect this change.

Comms and Engagement
- Publish short-term (tactical) plan
- Planning Engagement Session – all industry PPs
- Agree engagement activities → Pre-CR engagement via governance (QWG, SITWG, QAG, SITAG, CCAG) → Ongoing engagement (QWG, SITWG, QAG, SITAG, CCAG)
- Engage Ofgem → Ofgem 1st review → Further IPA and Ofgem engagement and review
- Engage Central Parties and Code Bodies (BSC and RECCo)

Change Request development
- Draft Change Request
- Submit to Change Board
- Industry webinar
- 2-week impact assessment → IA analysis
- PSG paper date
- Change Board decision

Draft

Focal points to close out programme planning

#	Planning item	Description	Direction of travel
1	Settlement Testing timelines	The revision of the Settlement testing (SIT-B) Exit Criteria needs to be completed, to determine the accuracy tests that need to be executed in SIT-B and those which could be picked up later in SIT-A via Functional testing.	It is expected that additional time after IR8.2 maintenance window will need to be provisioned to complete settlement testing before SIT NF/Operational start. This duration needs to be finalised. Any additional functional test cases required will need to be assessed against the current test timelines.
2	SIT Operational start	As per later update, timescales proposed for Elexon Helix Service Management deliverables have a consequential impact on SIT Operational test material, preparation and therefore the start of SIT Operational testing.	It is expected that the start of SIT Operational testing will be delayed to 04-Nov-24 to enable completion of SIT Operational test preparation. This delay is not expected to impact the critical path.
3	SIT Non-Functional start	If SIT Settlement testing needs to be extended beyond the IR8.2 maintenance window, then SIT Non-Functional testing start will be delayed.	We are expecting to delay the start of SIT Non-Functional testing to enable completion of Settlement testing in SIT-B. The extent of this delay will be determined by the completion of the revision of the Settlement testing (SIT-B) Exit Criteria and assessment of the time required to meet them. This delay is not expected to impact the critical path.
4	Non-SIT LDSO testing start	The start date for Non-SIT LDSO testing needs to be confirmed.	MPRS stability and the priority CoA / CoS tests are expected to be proven in Cycle 2; this would enable Non-SIT LDSO to start on 01-Nov-24. If SIT Functional testing is to extend, there could be a rationale to delay Non-SIT LDSO start further, to align closer with end dates and to allow central systems to gain further stability before Non-SIT LDSO start.
5	Supplier & Agent Qualification	Supplier and Agent Qualification timelines in the plan are dependent on SIT Functional completing.	SIT Functional is going to extend beyond the current date of 03-Jan-25 and the start of Supplier and Agent Qualification will move with it.
6	Gap Analysis outputs	The RTTM gap analysis identified additional SIT test cases that need to be incorporated into the Programme Plan timelines.	This activity has completed, and it is expected that 1 additional sprint will be needed to cover the additional 15 test cases identified in the gap analysis.
7	M10 / M11 Window	The window between M10 and M11 is currently 1 month in the plan but this could be reduced, with minimal impact, to help mitigate an M10 delay.	It is likely that the gap between M10 and M11 will be reduced from 1 month, to 1-2 weeks.
8	Beyond M10 – planning logic	Assessing activities and key milestones beyond M10 to understand impacts of an M10 delay.	The underlying logic within the plan (beyond M10) remains sound and there is no new evidence to change CR022 assumptions. There is no intention to constrain future activities or timelines to compensate for an M10 move.
9	Environment provision	The duration of time the SIT environments need to be stood up for after the MVC complete testing needs to be agreed.	The current plan has 11 weeks' additional SIT environment provision. This is not expected to change in the updated plan.
10	Regression testing	The duration of regression testing required at the end of SIT Cycle 3 needs to be agreed.	This is currently estimated to be 7 weeks of testing with a 2-week maintenance window beforehand for data loading.

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Planned engagement – 4-week forward look

*Engagement will continue as normal through PPC bilateral sessions and governance groups where required*

26 Aug	27 Aug	28 Aug	29 Aug	30 Aug
Bank Holiday	Cohort F execution modelling meeting / RECCo Account Meeting	Ofgem/IPA 'in person' meeting / Elexon Account Meeting / Code Body engagement session	Avanade weekly catch up	FTIG → Present focal points and CR timescale

02 Sep	03 Sep	04 Sep	05 Sep	06 Sep
		PSG → Present focal points and CR timescale	Avanade weekly catch up	FTIG → Present planning assumptions to FTIG

Re-engage selected cohorts following execution modelling → Feedback on modelling / clarify assumptions

09 Sep	10 Sep	11 Sep	12 Sep	13 Sep
Code Body engagement session / IPA → Present initial view of timeline changes / Present initial model	QWG / Engage St Clements → Present outcome of Code Body meeting	Ofgem follow up meeting / Elexon Account Meeting → Present proposed model to Ofgem	Avanade weekly catch up / Industry Engagement session → Present proposed T1, T2 milestone changes	FTIG / Change Request submitted → Present proposed T1, T2 milestone changes

16 Sep	17 Sep	18 Sep	19 Sep	20 Sep
	Change Board → Present CR for approval		Avanade weekly catch up	FTIG / Change Request Webinar → Present CR

Key:
- ☐ Complete
- ⬚ To be arranged
- 🟧 Ofgem / IPA
- 🟩 Code Bodies
- ⬛ Central Parties
- ⬜ Programme Governance
- 🟥 Change Control
- 🟪 Industry engagement

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Programme Change Requests

DECISION/INFORMATION: Decision on implementation for CR054: *Change to Non-Functional Requirements for LDSOs*

Programme (PMO)

5 mins

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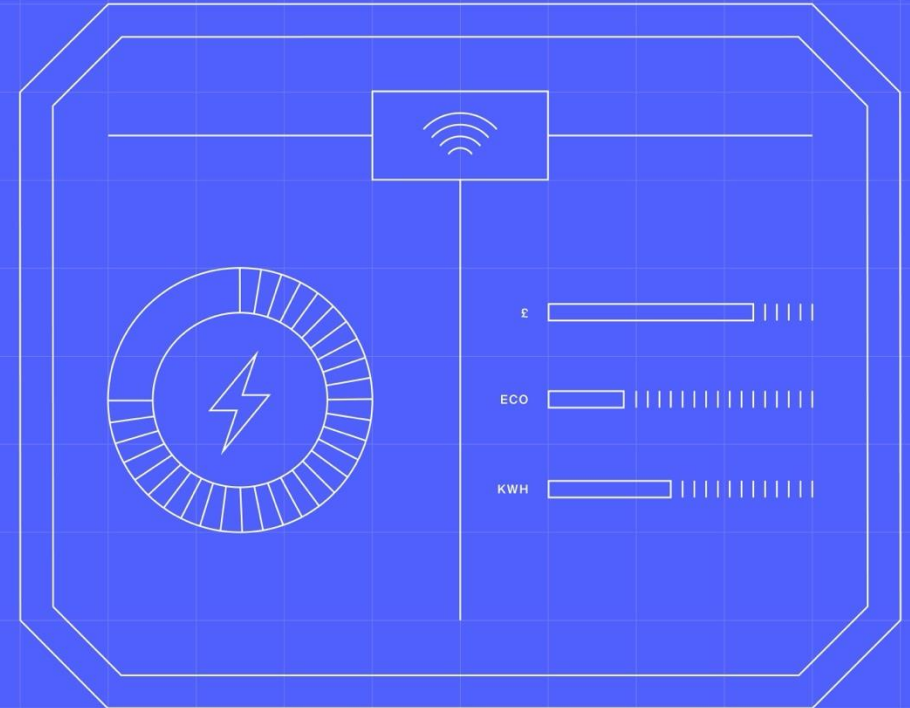
CR054 – Impact Assessment Summary

Objective:

PSG to review the outputs of the issued CR054 Impact Assessments and SRO to approve or reject the Change Request.

Headlines:

- Overall: **22 respondents supported the change; 1 respondent rejected the change; and 4 respondents abstained.**
- **Those who supported the implementation of the Change Request did so on the following basis:**
    - The proposed change enables LDSOs to complete testing (in particular the performance testing element of NFT PIT) against the appropriate baseline, otherwise they would be required to test against an unreasonable baseline.
    - The changes ensure that the NFRs are correct and fit for purpose for LDSOs. If the changes are not implemented, LDSOs are concerned that they will be required to perform to inaccurate parameters and metrics, against thresholds that cannot be met at unnecessary costs, which would eventually be seen in consumer charges.
- **The respondent who rejected the implementation of the Change Request gave the following reason:**
    - The NFR definition of 'All Services' should not be changed to 'All Services by market role'. Helix interfaces with the DIP through a common Data Acquisition Hub. As it operates roles including LSS, MDS, VAS and ISD, the change of definition would implicate internal Helix service in existing NFRs. A dispensation should be included where the original definition is maintained for participants (including Helix) that operate more than one role.
- **Implementation:**
    - If the change is approved, implementation will require minor updates to design and testing documents, as well as the DIP Governance DIP Subsidiary Document.

Recommendation:

- It is recommended that the SRO **approves** the Change Request at PSG.
- **Rationale:** only one respondent rejected the Change Request, putting forward a resolvable issue. Those who abstained did so because the changes do not impact them. Implementing the change will ensure that LDSOs are testing against an appropriate baseline, avoiding unnecessary costs which would be borne by the consumer.

CR054 – Submitted Impact Assessments

Programme Parties	CR054 Recommendations			
	Yes	No	Abstain	No Reply
Large Suppliers	3	-	1	1
Medium Suppliers	1	-	-	6
Small Suppliers	1	-	-	32
I&C	2	-	-	39
DNOs	6	-	-	-
iDNOs	2	-	-	11
Ind. Agents	2	-	-	45
Supplier Agents	-	-	-	7
S/W Providers	3	-	-	22
REC Code Manager	1	-	-	-
National Grid ESO	-	-	1	-
Consumer	-	-	-	1
Elexon (Helix)	-	1	-	-
DCC	-	-	1	-
SRO / IM & LDP	1	-	-	-
IPA	-	-	1	-
Avanade	-	-	-	1
Totals	**22**	**1**	**4**	**165**

Notes:

The classification of Independent and Supplier Agents is maintained by the Programme Party Coordinator and is subject to change.

Rationale for being marked down as abstained:

- The IPA, DCC and ESO abstained from providing a recommendation as they are not impacted by the proposed changes.
- One Large Supplier abstained as they were unable to determine the consequential impacts on Suppliers, Data Services and Metering Services.

CR054 Impacts – Views on the proposed approach (Page 1)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR054)
Large Suppliers	+ Three of the four responding Large Suppliers supported the implementation of Change Request. • One Large Supplier abstained from providing a recommendation as they were unable to determine the consequential impacts on Suppliers, Data Services and Metering Services. The purpose of the Impact Assessment is to understand impacts of a potential change on Programme Participants. Respondents are required to provide impacts on their own activities where possible.
Medium Suppliers	+ The one responding Medium Supplier supported the implementation of the Change Request.
Small Suppliers	+ The one responding Small Supplier supported the implementation of the Change Request.
I&C	+ The two responding I&C suppliers supported the implementation of the Change Request. + The changes would have no impacts to their project delivery. • One I&C Supplier requested confirmation that the changes have been taken into account in the Capacity Envelopes calculations. They questioned whether the volumetrics as qualified in the Change Request are the same as those utilised in the Capacity Envelopes calculations. The Programme will provide an update directly to this note.
DNO	+ All six DNOs supported the implementation of the Change Request. + Resources will be allocated accordingly. The removal of the NFRs will allow for effective testing and allocation of resource. + The impact to the Programme will be positive, as it will enable non-SIT LDSO QT to run to Programme timelines and milestones. + The changes ensure that the NFRs are correct and fit for purpose for LDSOs. If the changes are not implemented, LDSOs are concerned that they will be required to perform to inaccurate parameters and metrics, against thresholds that cannot be met at unnecessary costs, which would eventually be seen in consumer charges. + Implementing the changes ensure that DNOs will test the non-functional scenarios based on realistic volumes of messages.
iDNO	+ The two responding iDNOs supported the implementation of the Change Request.
Agents	+ The one responding Independent Agent supported the implementation of the Change Request.
S/W Providers	+ The three responding Software Providers supported the implementation of the Change Request. + If the change is not implemented, LDSOs will be required to meet NFRs which make assumptions about inaccurate volumes of messages. • One Software Provider suggested that the change need to applied to all roles, as the requirements are applicable to all services. The Change Request has been raised by LDSOs, to amend the requirements for LDSOs. If other Programme Participants require amendments to NFRs impacting them, they will be required to raise a Change Request.

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CR054 Impacts – Views on the proposed approach (Page 2)
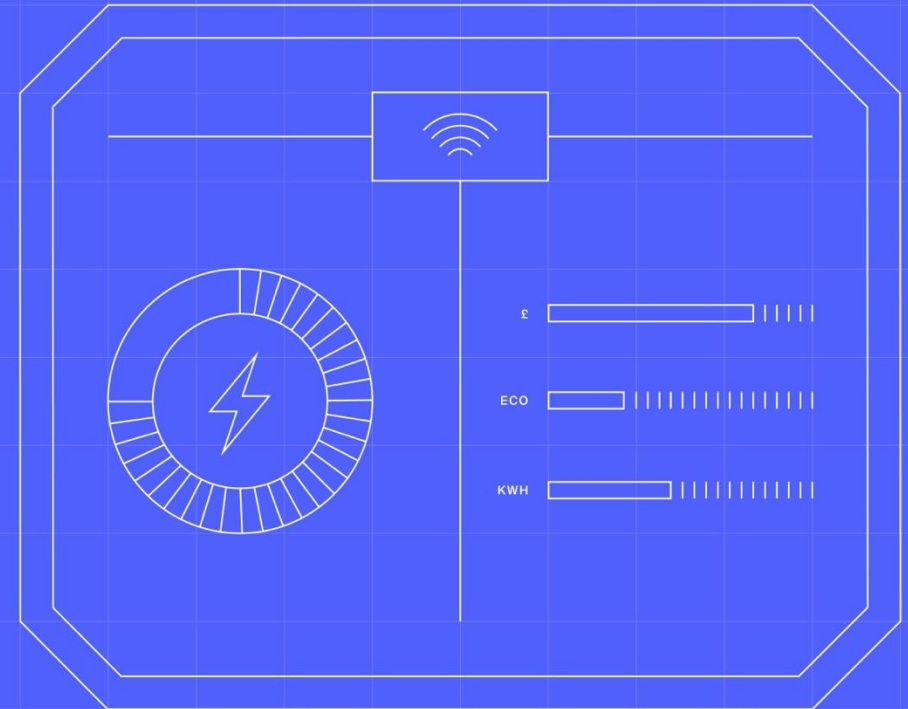
Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR054)
REC Code Manager	+ RECCo are supportive of the implementation of the Change Request. • The relevant NFRs are expected to be codified within the DIP rules and will therefore need to be delivered via a standalone DIP CR post P474 approval and implementation.
National Grid ESO	• National Grid ESO abstained from providing a recommendation because they are not impacted by the change. • They recognise the benefits of implementing the change, but believe the decision should remain with the impacted stakeholders.
Consumer	*Did not respond.*
Elexon (Helix)	− Elexon rejected the implementation of the Change Request. − They disagree with the requirement to change the NFR definition of 'All Services' to 'All Services by market role'. Helix interfaces with the DIP through a common Data Acquisition Hub. As it operates roles including LSS, MDS, VAS and ISD, the change of definition would implicate internal Helix service in existing NFRs. • As a solution to the above, they suggest a dispensation is included where the original definition is maintained for participants (including Helix) that operate more than one role.
SRO / IM & LDP	+ The Programme are supportive of the implementation of the Change Request. + The proposed change enables LDSOs to complete testing (in particular the performance testing element of NFT PIT) against the appropriate baseline, otherwise they would be required to test against an unreasonable baseline. • Implementation will require minor updates to design and testing documents, as well as the DIP Governance DIP Subsidiary Document.
IPA	• The IPA abstained from providing a recommendation as the change does not impact their activities. • The IPA raised concerns that testing to current levels of switching does not give comfort that the solution is scalable, in the event that customer behaviour changes in response to MHHS - with a potential increase in the volume of switches as customers seek to get advantage from flexible tariffs. If this change is accepted, they would look for the Programme to demonstrate - at some time between M10 and M15, the scalability to deal with increased volatility in the customer market. Switching volumes are not expected to impact or be impacted by the Change Request and its consequences.
Avanade	*Did not respond.*

Delivery Dashboards

INFORMATION: Questions from PSG members on delivery dashboard content

Chair

20 mins

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Milestone ID	Forum	Milestone Title	Baseline Date	Forecast Date	Responsible	Previous RAG 21/08/24	Current RAG 28/08/24	Forecast RAG 04/09/24	Commentary
T3-DB-0153	SITAG	SIT Non-Functional PIT RTTM submitted to Programme for assurance	Thu 30/05/24	Thu 30/05/24	PP	🟥	🟥	🟥	33/34 RTTMs have been submitted to the Programme. Because of the delay to all RTTMs being submitted there is an increased risk to completion of SIT Non-Functional PIT. Re-forecasting the completion date isn't possible as delivery is dependent on the PPs. Engagement taking place for remaining PPs
T3-DB-0155	SITAG	SIT Non-Functional PIT test scenarios submitted to Programme for assurance	Thu 30/05/24	Thu 30/05/24	PP	🟥	🟥	🟥	33/34 test scenarios have been submitted to the Programme. Because of the delay to all test scenarios being submitted there is an increased risk to completion of SIT Non-Functional PIT. Re-forecasting the completion date isn't possible as delivery is dependent on the PPs. Engagement taking place for remaining PPs
T3-DB-0159	SITAG	SIT Operational PIT Test Approach & Plan (PIT) submitted to Programme for assurance	Fri 14/06/24	Fri 14/06/24	PP	🟥	🟥	🟥	30/34 test approach and plans have been submitted to the Programme. Because of the delay to all Test Approach and plans being submitted there is an increased risk to completion of SIT Operational PIT. Re-forecasting the completion date isn't possible as delivery is dependent on the PPs. Engagement taking place for remaining PPs
T3-DB-0161	SITAG	SIT Operational PIT RTTM submitted to Programme for assurance	Thu 04/07/24	Thu 04/07/24	PP	🟥	🟥	🟥	20/34 SIT Operational PIT RTTMs have been submitted to the Programme. Because of the delay to all RTTMs being submitted there is an increased risk to completion of SIT Operational PIT. Re-forecasting the completion date isn't possible as delivery is dependent on the PPs. Engagement taking place for remaining PPs

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Milestone RAG definitions

Complete	On track	Likely to be met if issues / risks are resolved / mitigated	Date missed or unlikely to be met without escalation

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Milestone ID	Forum	Milestone Title	Baseline Date	Forecast Date	Responsible	Previous RAG 21/08/24	Current RAG 28/08/24	Forecast RAG 04/09/24	Commentary
T3-DB-0163	SITAG	SIT Operational PIT test scenarios submitted to Programme for assurance	Thu 04/07/24	Thu 04/07/24	PP	🟥	🟥	🟥	20/34 SIT Operational PIT test scenarios have been submitted to the Programme. Because of the delay to all SIT Operational PIT test scenarios being submitted there is increased risk to the completion of SIT Operational PIT. Re-forecasting the completion date isn't possible as delivery is dependent on the PPs. Engagement taking place for remaining PPs
T3-DB-0154	SITAG	SIT Non-Functional RTTM MHHS Review Completed	Thu 11/07/24	Thu 11/07/24	SI Test	🟥	🟥	🟥	33/34 reviewed. As per T3-DB-0153, Status red until remaining RTTMs submitted and reviewed
T3-MI-0033	MCAG (Transition)	MCAG Approval of Early Life Support Model	Tue 30/07/24	Tue 30/07/24	SI Transition	🟥	🟥	🟥	Date has been missed because of late input from Code-Bodies. Because of this drafting and publication of the document have been delayed. Code Bodies have been asked to provide feedback by Weds 28/08, once this feedback has been received, we should be in a position to arrange the industry consultation and then confirm an updated forecast date. Forecast date to be approved by MCAG.
T3-DB-0157	SITAG	SIT Non-Functional PIT Completion Report submitted to Programme for assurance	Fri 02/08/24	Fri 02/08/24	PP	🟥	🟥	🟥	16/34 SIT Non-Functional PIT RTTMs have been submitted to the Programme. Because of the delay to all RTTMs being submitted there is an increased risk to completion of SIT Operational PIT. Re-forecasting the completion date isn't possible as delivery is dependent on the PPs. Engagement taking place for remaining PPs
T3-DB-0160	SITAG	SIT Operational Test approach and plan MHHS Review Completed	Thu 08/08/24	Thu 08/08/24	SI Test	🟥	🟥	🟥	28/34 reviewed. As per T3-DB-0159, Status red until remaining PIT Test Approach and Plans submitted and reviewed
T3-DB-0162	SITAG	SIT Operational RTTM MHHS Review Completed	Thu 15/08/24	Thu 15/08/24	SI Test	🟥	🟥	🟥	20/34 reviewed. As per T3-DB-0161. Status red until remaining PIT Test Approach and Plans submitted and reviewed

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Milestone ID	Forum	Milestone Title	Baseline Date	Forecast Date	Responsible	Previous RAG 21/08/24	Current RAG 28/08/24	Forecast RAG 04/09/24	Commentary
T3-DB-0164	SITAG	SIT Operational Test scenarios MHHS Review Completed	Thu 15/08/24	Thu 15/08/24	SI Test	Red	Red	Red	20/34 reviewed. As per T3-DB-0163. Status red until remaining PIT Test Approach and Plans submitted and reviewed
T3-DB-0158	SITAG	SIT Non-Functional PIT Completion Report MHHS Review Completed	Fri 16/08/24	Fri 16/08/24	SI Test	Red	Red	Red	12/34 reviewed. As per T3-DB-0157. Status red until remaining PIT Test Approach and Plans submitted and reviewed
T3-TE-0081	SITAG	Cycle 3 - PP's confirmation that test data is ready for SIT Functional	Mon 19/08/24	Fri 18/10/24	SI Test Data	Red	Red	Red	Date re-forecast in line with short term scenario planning. Introduction of 5 weeks of additional sprints
T3-TE-0116	SITAG	SIT NFT Scenarios & Test Cases Approved - Theme 3	Wed 21/08/24	Wed 18/09/24	SI Test	Red	Red	Red	Date missed because of uncertainty around test scenarios based PPs engagement. Test cases may not be ready in time for the start of SIT Non-Functional testing. Approval forecast at Sep SITAG in prep for testing commencing 7/10
T3-QU-0110	QAG (Non-SIT LDSO)	QAG Approval for Operational, Non-Functional & Migration Annexes of Approach & Plan	Thu 22/08/24	Thu 22/08/24	Code Bodies	Green	Blue	Grey	
T3-QU-0008	QAG (Non-SIT LDSO)	Qualification Testing for Non-SIT LDSOs (Functional, Migration, NFT, Operational) Test Execution Schedule Complete	Thu 22/08/24	Thu 22/08/24	Non-SIT LDSO	Red	Red	Red	Date not met because of re-planning activity around SIT Cycle 2 Maintenance window. Maintain dialog with Programme scenario planning from SIT. New forecast date will be defined after programme scenario CR is approved.
T3-QU-0071	QAG (Non-SIT LDSO)	Test Scenarios & Cases - Non-Functional - Approved at QAG	Thu 22/08/24	Thu 22/08/24	Non-SIT LDSO	Green	Blue	Grey	
T3-QU-0073	QAG (Non-SIT LDSO)	Test Scenarios & Cases - Operational - Approved at QAG	Thu 22/08/24	Thu 22/08/24	Non-SIT LDSO	Green	Blue	Grey	

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Milestone ID	Forum	Milestone Title	Baseline Date	Forecast Date	Responsible	Previous RAG 21/08/24	Current RAG 28/08/24	Forecast RAG 04/09/24	Commentary
T3-QU-0077	QAG (Non-SIT LDSO)	PP Test Scope Presented at QAG	Thu 22/08/24	Thu 22/08/24	Non-SIT LDSO	Green	Complete	Grey	
T3-QU-0081	QAG	QAG Approval of Qualification Approach and Plan v3	Thu 22/08/24	Thu 22/08/24	Code Bodies	Green	Complete	Grey	
T3-QU-0083	QAG	QAG Endorsement of Qualification Assessment Document v2	Thu 22/08/24	Thu 22/08/24	Code Bodies	Green	Complete	Grey	
T3-TE-0035	QAG	Non-SIT LDSO Test Harness Released	Fri 23/08/24	Fri 23/08/24	SI DevOps	Red	Red	Red	Date will be missed due to Sims & Ems being blocked from completing connectivity and regression testing activities, since message functionality is disabled in the current UIT environment version (IR7.3), only becoming enabled from 2/9 (release of IR8.1 UIT). Decision not to seek milestone date change and RAG as red was requested by SRO, with a corresponding acknowledgement that Sims & Ems are blocked due to external factors. LDP working towards getting the milestone date changed to September (exact date TBC)
T3-TE-0044	QAG	Central Parties' UIT environments ready to start connectivity proving (incl. certificates and security compliance)	Fri 23/08/24	Fri 23/08/24	SI Test	Green	Green	Complete	On track
T3-RE-0550	CCAG	CCAG recommend final code to PSG for baselining	Fri 23/08/24	Wed 21/08/24	PP	Green	Green	Complete	On track
T1-RE-1000	PSG	Code changes baselined (M6)	Fri 23/08/24	Fri 02/09/24	CPT	Red	Red	Red	CCAG will approve the code text to go to Ofgem on 23/8/24. PSG will then ratify the milestone at PSG on 2/9/24
T2-TE-0700	SITAG	SIT Non-Functional Testing Preparation Complete	Mon 26/08/24	Mon 26/09/24	SI Test	Red	Red	Red	Date at risk due to lower than expected SIT functional test velocity. Date re-forecast in line with short term scenario planning. Introduction of 5 weeks additional sprints
T3-QU-0080	QAG	Assessment Criteria (Functional, Non-Functional, Migration, Operational) Approved by REC PAB and BSC PAB	Thu 29/08/24	Thu 26/09/24	Code Bodies	Red	Red	Red	Date missed because additional changes were identified during test scope analysis, therefore assessment criteria needs further updates (a version was approved in June). To be approved at PAB.
T3-QU-0065	QAG	Non-Functional Testing elements of Qualification Approach and Plan v3 approved by REC PAB and BSC PAB	Thu 29/08/24	Thu 29/08/24	Code Bodies	Green	Green	Complete	On track
T3-QU-0067	QAG	Qualification Assessment Document v2 approved by REC PAB and BSC PAB	Thu 29/08/24	Thu 29/08/24	Code Bodies	Green	Green	Complete	On track

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Look Ahead – Key Milestones Status at 28 August 24 (5)

To align to weekly reporting, the previous, current and forecast RAGs reflect milestone status from last week, this week and next week, respectively.

Milestone ID	Forum	Milestone Title	Baseline Date	Forecast Date	Responsible	Previous RAG 21/08/24	Current RAG 28/08/24	Forecast RAG 04/09/24	Commentary
T3-TE-0040	SITAG	SIT Non-Functional Testing Start	Mon 02/09/24	Mon 07/10/24	SI Test	RED	RED	RED	Date will be missed due to lower than expected SIT functional test velocity. Start of SIT-Non Functional (MVC) will be delayed. Date re-forecast in line with short term scenario planning. Introduction of 5 weeks additional sprints
T3-QU-0113	QAG (Non-SIT LDSO)	Test Data Signed Off	Tue 03/09/24	Tue 03/09/24	Non-SIT LDSO	RED	RED	RED	Date will be missed due to QT execution replanning. Additionally, the Test Harness will be loaded with dummy suppliers MHHS (outgoing supplier) and MHHX (incoming supplier) for the Change of Supply Test Cases. For messages to flow between DIP, the LDSO systems and the Test Harness the LDSO systems will need to be updated with these dummy suppliers. Test data is required from LDSOs by 13 Sept.. A new forecast date will be provided following conclusion of the scenario analysis
T3-DB-0165	SITAG	SIT Operational PIT Completion Report submitted to Programme for assurance	Fri 06/09/24	Fri 06/09/24	PP	AMBER	AMBER	AMBER	Date at risk because of potential delay to submissions for SIT Operational PIT completion reports. Impact may be a delay to the start of SIT Operational Testing. Bilateral's scheduled for week commencing 19/8
T3-QU-0084	QAG	Update to Qualification Assessment Document Portal post QAD V2 Complete	Thu 12/09/24	Thu 12/09/24	QAD Portal Dev Team	GREEN	GREEN	GREEN	On track
T3-TE-0119	SITAG	SIT Operational Scenarios & Test Cases Approved - Theme 3	Wed 18/09/24	Wed 18/09/24	SI Test	AMBER	AMBER	AMBER	Date at risk because of uncertainty around test scenarios based PPs engagement. Test cases may not be ready in time for the start of SIT Operational testing. Approval forecast at Sep SITAG in prep for testing commencing 7/10
T3-QU-0078	QAG (Non-SIT LDSO)	LDSO Test Environments Connection Confirmed to UIT Environment	Wed 18/09/24	Wed 18/09/24	Non-SIT LDSO	AMBER	AMBER	AMBER	At risk because of DIP env availability for the test harness. (Issue no: I186). Issue will be avoided if start of QT window is delayed
T3-QU-0124	QAG	E2E Sandbox Test Data Approach and Plan Approved	Thu 19/09/24	Thu 17/10/24	Sandbox (Qualification Governance)	GREEN	RED	RED	Some delays have been experienced during the development of the E2E Sandbox Test Data Approach and Plan which will impact when the document is available for internal programme review and industry consultation. Milestone T3-QU-0124 with a due date of 19-Sep-24 for "E2E Sandbox Test Data Approach and Plan" has moved to a status against milestone of "Off Track" as a result. Revised plan has been created, -Industry consultation for this document is now targeted for between 16-Sep-24 to 30-Sep-24 -Document will be presented to the next available QWG session on 8-Oct-24 for recommendation for approval -Document will be presented to the next available QAG session on17-Oct-24 for formal approval and completion of the Milestone T3-QU-0124

Milestone ID	Forum	Milestone Title	Baseline Date	Forecast Date	Responsible	Previous RAG 21/08/24	Current RAG 28/08/24	Forecast RAG 04/09/24	Commentary 1
T3-QU-0120	QAG	QAG Approval of QT Non-Functional Test Scenarios and Test Cases Batch 2	Thu 19/09/24	Thu 17/10/24	Non-SIT S&A QT Test Team	RED	RED	RED	Date will be missed because of SIT Non-Functional/Operational Test Scenario Approval dates. QT Test Scenarios which reuse SIT Scenarios are unable to be approved until SIT Scenarios are approved. Review scope of SIT NF/Operational to understand whether all themes impact QT, work with SIT team to increase parallelisation of activities where possible.
T3-QU-0121	QAG	QAG Approval of QT Operational Test Scenarios and Test Cases Batch 1	Thu 19/09/24	Thu 17/10/24	Non-SIT S&A QT Test Team	RED	RED	RED	Date will be missed because of delay to SIT Non-Functional/Operational Test Scenario Approval dates. QT Test Scenarios which reuse SIT Scenarios are unable to be approved until SIT Scenarios are approved. Review scope of SIT NF/Operational to understand whether all themes impact QT, work with SIT team to increase parallelisation of activities where possible.
T3-QU-0122	QAG	QAG Approval of QT Operational Test Scenarios and Test Cases Batch 2	Thu 19/09/24	Thu 17/10/24	Non-SIT S&A QT Test Team	RED	RED	RED	Date will be missed because of delay to SIT Non-Functional/Operational Test Scenario Approval dates. QT Test Scenarios which reuse SIT Scenarios are unable to be approved until SIT Scenarios are approved. Review scope of SIT NF/Operational to understand whether all themes impact QT, work with SIT team to increase parallelisation of activities where possible.
T3-DB-0166	SITAG	SIT Operational PIT Completion Report MHHS Review Completed	Fri 20/09/24	Fri 20/09/24	SI Test	AMBER	AMBER	AMBER	Date at risk because of potential delay to submissions for SIT Operational PIT completion reports. Impact may be a delay to the start of SIT Operational Testing. Continue engagement with PPs

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T2-TE-0750	SITAG	SIT Operational Testing Preparation Complete	Wed 25/09/24	Wed 25/09/24	SI Test	🟧	🟧	🟧	Date at risk due to lower than expected test velocity and Participants PIT submissions
T3-QU-0076	QAG (Non-SIT LDSO)	Non-SIT LDSO Participants have submitted PIT Test Completion Report & evidence for QT Entry	Mon 30/09/24	Mon 30/09/24	Non-SIT LDSO	🟥	🟥	🟥	Date will be missed due to deferral of QT window. Forecast date to be updated mid Sep
T3-QU-0007	QAG (Non-SIT LDSO)	Qualification Testing for Non-SIT LDSOs (Functional, Migration, NFT, Operational) Programme Test Readiness confirmed	Mon 30/09/24	Mon 30/09/24	Non-SIT LDSO	🟥	🟥	🟥	Date will be missed due to deferral of QT window. Forecast date to be updated mid Sep
T2-QU-0550	QAG (Non-SIT LDSO)	Qualification Testing for Non-SIT LDSOs (Functional, Migration, NFT, Operational) Test Readiness Confirmed (Final Test Readiness Review for LDSO)	Mon 30/09/24	Mon 30/09/24	LDSO	🟥	🟥	🟥	Date will be missed due to deferral of QT window. Forecast date to be updated mid Sep
T3-QU-0115	QAG (Non-SIT LDSO)	Non-SIT LDSO QT Test Execution Starts	Tue 01/10/24	Fri 01/11/24	Non-SIT LDSO	🟥	🟥	🟥	Date re-forecast in line with short term scenario planning as being no earlier than 1/11/24. This will continue to be developed in scenario planning.
T3-MI-0030	MCAG (Transition)	Automated Population of Null Connection Type	Fri 04/10/24	Fri 04/10/24	LDSO	🟩	🟩	🟩	On track
T3-MI-0027	MCAG (Transition)	Automated Population of Connection Type for Measurement Classes 'B', 'D', 'F' & 'G'	Fri 04/10/24	Fri 04/10/24	LDSO	🟩	🟩	🟩	On track
T3-MI-0028	MCAG (Transition)	BAU Population of Connection Type for Site Specific LLFCs within Measurement Classes 'C' & 'E'	Fri 04/10/24	Fri 04/10/24	LDSO	🟩	🟩	🟩	On track
T3-MI-0029	MCAG (Transition)	Automated Population of Connection Type for Smart Meters within Measurement Class 'A'	Fri 04/10/24	Fri 04/10/24	LDSO	🟩	🟩	🟩	On track
T3-TE-0042	SITAG	SIT Operational Testing Start	Mon 07/10/24	Mon 07/10/24	SI Test	🟩	🟩	🟩	On track
T3-QU-0087	QAG	Non-SIT LDSO QT Participants have submitted their initial QAD	Thu 10/10/24	Mon 10/11/24	Participants	🟥	🟥	🟥	Date will be missed because the date for the initial QAD submission window has been moved back to reflect the delay to SIT activities and to provide Programme PPs with more time to prepare. Milestone date change was approved at QAG on 22/08/24, from 10/10/24 to 10/11/24. To go to 19/09/24 QAG for noting.

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T2-TE-0800	SITAG	SIT Migration Testing Test Completion Report (Minimum Viable Cohort) Approved	Fri 18/10/24	Wed 15/01/25	SI Test	RED	RED	RED	Date change because the plan did not consider SIT Migration regression testing. SIT Migration Test Completion Report date was incorrect. Revise plan to align to Jan 25 SITAG approval. Date change to form part of Programme CR
T3-MI-0031	MCAG (Transition)	Each LDSO has linked all relevant import/export MPANS	Fri 18/10/24	Fri 18/10/24	LDSO	GREEN	GREEN	GREEN	On track
T3-MI-0017	MCAG (Migration)	MCAG Approval of Migration Framework Artefacts (Baselined)	Tue 22/10/24	Tue 22/10/24	PP	GREEN	GREEN	GREEN	On track
T3-MI-0039	MCAG (Migration)	V1.0 of Migration Schedule Baseline Approved at MCAG	Tue 22/10/24	Tue 22/10/24	PP	GREEN	GREEN	GREEN	On track
T3-TE-0082	SITAG	Regression - PP's confirmation that test data is ready for SIT Functional	Fri 25/10/24	Fri 25/10/24	SI Test Data	RED	RED	RED	Date will not be met due to programme scenario planning
T3-TE-0048	QAG	UIT E2E Sandbox Preparation Complete	Fri 31/01/25	Fri 31/01/25	SI Test	GREEN	GREEN	GREEN	On track
T3-MI-0032	MCAG (Transition)	Approval of M15/M16 cut-over plan	Tue 29/10/24	Tue 29/10/24	SI Transition	GREY	GREY	GREY	Milestone to got to MCAG on 24/9 to be removed because the M15/M16 cutover plan is being combines with the M16 methodology

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Delivery Dashboards Overview

Area	Title	Purpose
MHHSP Programme Status	**Risk Themes**	Provide a high-level view of Programme Risks
	Change Control	Update on the status of Change Requests
Industry Delivery Status	**SIT MVC Status**	Provide the status of SIT participants
	SIT Stage Statuses	Provide status of SIT stages
	Core Capability Provider Delivery Reports	Provide an overview of Helix, DIP, St Clements, RECCo, DCC and ElectraLink delivery plans and progress against them
	LDSO Delivery Updates	Provide the combined status and progress of LDSO delivery (DNOs and iDNOs)
	Central Party Finances	Provide high level Central Party budgets and expenditure
MHHSP Workstream Activity	**SI Workstream Update**	Update on activity and progress in the Design Management, Testing and Transition workstreams
	Fast Track Implementation Group (FTIG) Update	Update on the progress of FTIG
	Code Drafting Status	Update on the progress of Code Drafting against the Code Draft plan
	Qualification Testing Status	Update on the progress for qualification testing
	Migration Status	Update on the progress of migration
	Level 2/3 Advisory Group Updates	Update on key discussion items and outcomes from recent Level 2/3 Advisory Groups and provide a forward look of agenda items
	PPC Activity	Provide information on PPC activity and participant engagement – includes a summary from the recent open day
	Industry Change	Summarise items raised to the Programme horizon scanning process
Assurance	**Independent Programme Assurance (IPA)**	Provide a progress update on in-flight and planned assurance activities

Overall RAID Summary: Key Strategic Themes

RAID Summary & Mitigations
• **SIT Execution:** Scenario Planning is currently ongoing across all Test Phases, analysing current progress against forecasted timelines for completion, to consider revisions to the test schedule and any consequential impact on Programme Plan. More immediate proposals to change Maintenance Window to maintain testing momentum.
• **M10 Readiness:** Programme continuing to engage with the Code Bodies to ensure the ELS Model is signed off and can therefore be implemented. Continued assurance of the Service Design which is carried out by Elexon and asking Elexon to bring regular updates to Industry via TORWG.

RAID ID	RAID Description	Current Score	Mitigation Plan	Theme
i191	There is an issue that SIT will not be completed in line with the Programme Plan	Critical	1. Tactical proposal to delay IR8.2 maintenance window to support testing momentum and achievement of Cycle 2 targets. Maintenance Window extended to allow time for serial data loading activities. 2. Programme working with PPs, Ofgem and wider stakeholders on scenario planning following the lack of progress to SIT and impact on Programme milestones. Programme to bring a CR with the recalibration of milestones w/c 2nd Sept, with hopes full Change cycle will be completed ahead of October PSG . Engagement underway with PP's, Ofgem, IPA. 3. Added risk to timelines due to R753, and the potential delay to SIT operational due to Service Design documents and consequently Theme 3 Test scenarios being delayed. 4. Programme is conducting MVC Trials to drive out testing constraints. 5. Ongoing Bilaterals with PPs to understand resourcing concerns and constraints from their side, recognising PP comments that testing has been more difficult than they anticipated. 6. Signposting key elements of the plan ahead of the CR and moved the CR date ahead two weeks to engage stakeholders and ensure the plan is credible. Programme requested and received execution models from cohorts which have been fed into Scenario Planning and shared with Ofgem and IPA.	SIT Execution
i188	There is an issue that the current RTTM requires development to assure that Programme SIT (and eventually Qualifcation) covers programme requirements across all roles. New test cases are required to calibrate test scope and gaps and these will need to be added to SIT.	High	1. Testing Team to develop new test cases from the role based RTTM, distribute these to PPs and schedule these into SIT. 2. Analysis found 23 test scripts needed to be added, will undergo the script uplift process and absorbed into SITF. Test Scripts are scheduled to be complete on 30-Aug-24	RTTM Development
R770	There is a risk regarding Elexon's M10 readiness for Handover as this requires further scope and integrated and holistic plan, including required engagement with industry.	High	1. Several workshops undertaken with Elexon July & August progressing different areas of risk. 2. Service Design Document and Low-Level Service Designs to be finalised, particularly to demonstrate interaction and engagement with industry for Service Management. Significant input from Operational Testing lead.	M10 Readiness
R958	There is a risk to Programme timescales and ability to deliver as it is dependent on the Ofgem decision on the post M10 Change Governance authority.	High	1. Ongoing engagement with Code Bodies and Ofgem 2. Discussions with Ofgem ongoing, awaiting Ofgem direction/decision on the best approach for post M10 Change Process	Post M10 Change

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*Note: Additional RAID Theme Slides are in the Appendix

Change Request Status

Ref.	Key Detail	Change Raiser(s)	Change Type	Latest Action	Approval Status	Current Stage in Change Control	Action *If approved*	Implementation date/milestone	Change Owner(s) *If approved*
CR051	Deferral of MHSSP-037	Tom Paterson, Elexon	Full Impact Assessment	Recommended for approval by Change Board	**Approved**	Complete		M6 (Aug-24).	Paul Pettitt, MHHS Programme
CR052	Amending the 'M7 SCR powers enabled' Milestone	Andy MacFaul, Ofgem	Full Impact Assessment	Recommended for approval by Change Board	**Approved**	Complete		Aug-24.	Andrew Margan, MHHS Programme
CR053	ISD Publication Frequency Change	Ian Smith, MHHS Programme	Full Impact Assessment	Recommended for approval by Change Board	**Approved**	Complete		M6 (Aug-24).	Ian Smith, MHHS Programme
CR054	Change to Non-Functional Requirements for LDSOs	David Yeoman, UKPN	Full Impact Assessment	Validated by Change Board for Impact Assessment	**Open**	Awaiting PSG approval decision			

This slide captures Change Requests raised in the last three months. A full record of all MHHS Change Requests can be found on the Change Control page of the Collaboration Base

MHHS PROGRAMME
Industry-led, Elexon facilitated

SIT – MVC Status (as of 28-Aug-24)

CCP Readiness Key

Ready	Expected to be ready	Expected to be ready if risk mitigation is successful	Unlikely to be ready

SIT Participants Constituency	Number of PPs confirmed for SIT (FTIG attendees)	Market Roles	Number of Market Roles required for SIT MVC	Number of Market Roles confirmed for SIT	Names of Participants (RAG – Green = confirmed, Black = TBC)
Supplier / Independent Agent	17	Advanced Data Services	2	9	Callisto, Energy Assets ,IMServ, Itron, Kraken Data Services, npower Business Solutions, SMS, Stark, TMA
		Smart Data Services	2	6	Callisto, IMServ, Kraken Data Services, SMS, Stark, TMA
		Metering Services Advanced	2	11	British Gas, Callisto, EdF, Energy Assets, E.ON UK Energy Solutions, IMServ, npower Business Solutions, Octopus Energy Services, SMS, Stark, Utilita
		Metering Services Smart	2	11	British Gas, Callisto, EdF, Energy Assets, E.ON UK Energy Solutions, IMServ, Octopus Energy Services, OVO, SMS, Stark, Utilita
		UMSDS	2	2	Power Data Associates, Tym Huckin Ltd
		HHDC	1	1	Callisto
		HHMOp	1	2	Callisto, npower Business Solutions
		NHHDC	1	1	Callisto
		NHHMOp	1	2	Callisto, E.ON UK Energy Solutions
Large, Medium, Small, I&C Supplier	8	Suppliers	2	8	British Gas, E, Edgware, E.ON Next, Octopus, Rebel Energy, Unify Energy, Utilita
DNO, iDNO, LDSO	2	Network Operations	1	2	BUUK, SSEN
		UMSO	1	2	BUUK, SSEN
Managed Service Providers	8		n/a	n/a	C&C, ENSEK, ESG, Kraken, SeaGlass, Utiliteam, Wheatley
National Grid (ESO)	1		1	1	National Grid (ESO)

MHHS PROGRAMME
Industry-led, Elexon facilitated

SIT Stage Statuses (28-Aug-24)

Test Stage	RAG	Comment
CIT	🟦	SITAG approved the CIT completion report 11-Mar-24
Functional	🟧	SIT F - Sprint 4.1 is a Cycle 2 completion Sprint with Cohorts focused on completing the currently assigned tests Throughput and points achievement has remained comparable to Sprint 4 (averaged across the Cohorts) 7/8 Cohorts are currently progressing the Settling Normally Test case – Cohort C is the most advanced currently at 83% steps passed, 4 other Cohorts are above 50% passed. Cohort E recently completed data set up and began testing this week, but no evidence in ADO yet. The programme has identified the next Settlement Accuracy tests that Cohorts can progress with following successful conclusion of the Settling Normally test. These have been loaded in Cohort ADO projects for review and sessions to be held with the Cohorts nearing readiness to commence to walk through the Test Cases.
Migration	🟧	SIT Migration is in progress across all cohorts (including known late entry for Cohort C) The increase in throughput and points achievement has continued. However, still far to go to catch up to original forecasts. 9 'Non-SIT LDSO Qualification Testing Dependency' priority tests completed by 1 or more Cohorts: 8/9 Passed by 1 or more Cohorts, 1/9 Nearing Conclusion.
Non-Functional	🟧	Needs urgent attention from participants to close down outstanding PIT activities Test Approach and Data (plus associated Test Data): Test Data Approach and Plan Approved May SITAG, Test Approach and Plan, removed from May SITAG Agenda. Document approvedat ESITAG 26th July. Test Scenarios & Test Cases: Theme 1 – Approved at ESITAG 25-Jul Theme 2 – Approved July SITAG 17-Jul Theme 3 – Deferred to September SITAG
Operational	🟩	Test execution commences: 07-Oct-24 Test Approach and Data (plus associated Test Data): Approved at 15-May SITAG Test Scenarios & Test Cases: Delivery plans approved at April SITAG, first workshop held Theme 1 – Approved August SITAG 21-Aug Theme 2 – Approved July SITAG 17-Jul Theme 3 – Deferred to September SITAG

SIT Stage Readiness Key – Outlook to reach and progress through each Stage

On track per programme plan	Expected to meet programme plan if risk mitigation is successful	Unlikely to comply with programme plan

MHHS PROGRAMME
Industry-led, Elexon facilitated

MHHS - Monthly Delivery Report (Helix)

RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers

Status & Outlook

Progress last month:

Helix Solution
- Supported MHHS Programme with Helix defect resolution through SIT Cycle 2.
- Progressed to midpoint of final development Phase - PI11

Business Readiness
- Updated planning across all elements of Service Design and Transition.
- Developed and shared the Operating Model and Delivery plan for Service Transition and Service Activation for SIT Operational.
- Completed first drafts of Low-Level Service Designs and published the Service Design document.

Assurance and Qualification
- Approval of the Qualification Approach and Plan and Qualification Assessment Document at QAG
- Overview of Placing Reliance implications presented at QWG

Progress expected in the coming month:

Helix Solution
- Continue to support SIT Cycle 2 including SIT Migration and Settlement.
- Progress PI11 (final build increment of Helix systems).

Business Readiness
- Plan and prepare for the service test list for SIT Operational.
- Execute PIT for SIT Operational phase.
- Respond to and accommodate comments on Low-Level Service Designs.
- Provide proposed outline shape for Elexon Early Life Support and Migration Operating model.

Assurance and Qualification
- Approval of the Qualification Approach and Plan and Qualification Assessment Document at PAB
- Scenario planning meetings ongoing with MHHSP to review impact on Qualification of changes to SIT Cycle 2 and Non-SIT LDSO QT timing
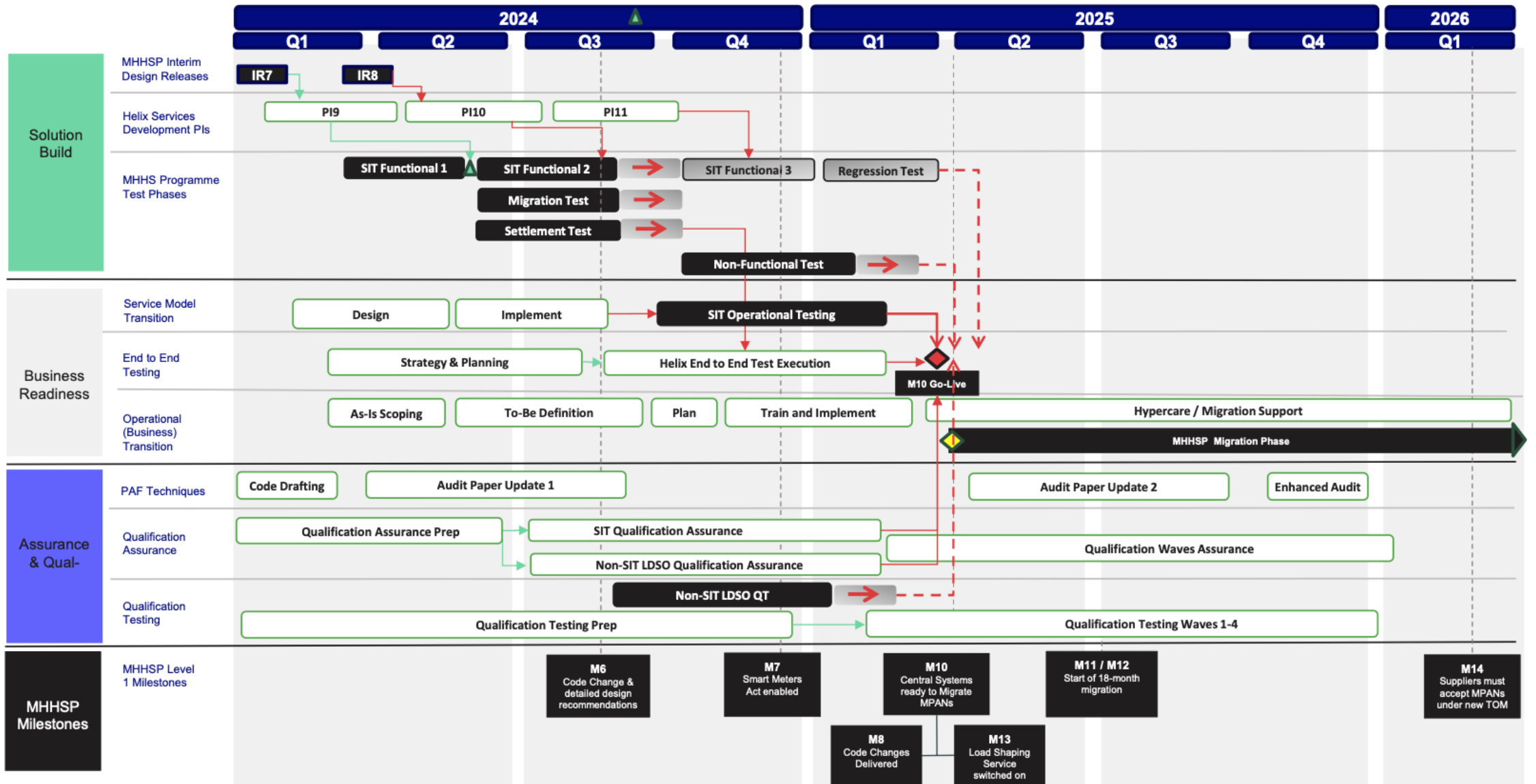
Party Milestones & Deliverables	Plan Date	RAG
IR8 Build development complete	16/07/24	Complete
Publish Service Definition document	18/07/24	Complete
Agree Source Data changes with MHHS for SIT Cycle 3	26/07/24	Complete
LLSDs first draft complete	29/07/24	Complete
Start execution of PIT for SIT Operational	25/08/24	
PAB Approval of Qualification Approach and Plan	29/08/24	
PAB Approval of Qualification Assessment Document	29/08/24	
Definition of Shared Early Life Support and Migration workstream	31/08/24	
Initial review of Low-Level Service Designs	31/08/24	
QAD Portal Updated to v2	12/09/24	
IR8.2 Complete	20/09/24	

RAID and RAG	Type	Mitigating or resolving action required	Next Update
The ongoing review of MHHSP milestones is expected to drive the need for replanning within the Helix Programme with consequent implications for programme budget and timelines.	Issue	Wait for clarification of potential MHHSP rephasing in order to efficiently conduct any required replan.	23/09/24
If further changes impact on the scope of Helix, they may impact on SIT progress and will drive further cost into the programme.	Risk	Helix has a materially complete code base with due consideration given to avoidance of refactoring of this code base within future change requests. Reduced the severity of this risk due to the change freeze being introduced by MHHSP.	Ongoing
There is a risk that DIP onboarding, Qualification, and Migration do not proceed to plan without additional management support to drive the queuing and progress of all Non-SIT participants.	Risk	Helix and MHHSP team are working together to develop shared plans to manage this phase of work. The Helix team are currently onboarding additional resource to support DIP Onboarding and Migration planning. Helix have also hired operational reporting resources.	31/08/24

HELIX **MHHSP**

Solution Build

MHHSP Interim Design Releases
- IR7
- IR8

Helix Services Development PIs
- PI9
- PI10
- PI11

MHHS Programme Test Phases
- SIT Functional 1
- SIT Functional 2
- SIT Functional 3
- Regression Test
- Migration Test
- Settlement Test
- Non-Functional Test

Business Readiness

Service Model Transition
- Design
- Implement
- SIT Operational Testing

End to End Testing
- Strategy & Planning
- Helix End to End Test Execution
- M10 Go-Live

Operational (Business) Transition
- As-Is Scoping
- To-Be Definition
- Plan
- Train and Implement
- Hypercare / Migration Support
- MHHSP Migration Phase

Assurance & Qual-

PAF Techniques
- Code Drafting
- Audit Paper Update 1
- Audit Paper Update 2
- Enhanced Audit

Qualification Assurance
- Qualification Assurance Prep
- SIT Qualification Assurance
- Non-SIT LDSO Qualification Assurance
- Qualification Waves Assurance

Qualification Testing
- Non-SIT LDSO QT
- Qualification Testing Prep
- Qualification Testing Waves 1-4

MHHSP Milestones

MHHSP Level 1 Milestones

M6 Code Change & detailed design recommendations

M7 Smart Meters Act enabled

M10 Central Systems ready to Migrate MPANs

M11 / M12 Start of 18-month migration

M14 Suppliers must accept MPANs under new TOM

M8 Code Changes Delivered

M13 Load Shaping Service switched on

Timeline: 2024 (Q1, Q2, Q3, Q4), 2025 (Q1, Q2, Q3, Q4), 2026 (Q1)

Core capability provider
DIP

RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers

Status & Outlook

Progress last month:
- Continued Defect triage, remediation and query support for SIT Functional Test Cycle 2, Migration Testing and Settlement testing.
- Monitoring of UIT environment and support for non-SIT LDSO onboarding

- SIT Support & Change Backlog
  - IR8.1 PIT Execution Cycle 1 is completed with 97% pass rate, Cycle 2 in progress
  - SIT releases for remediation of issues identified in Functional SIT Cycle 2, Migration Testing and Settlement Testing
- Back-off and Retry on Message Egress in progress
- Preparation and execution of NFT (Performance) PIT
- IR8.1 Data Import Design & Development
- Development and testing of CR039 - IF-040 Post Message Sending
- Completed work to split Service Cosmos container configuration re-assignments & clean up
- PowerBI Workspace setup and initial dynamic data configuration tested

Progress expected in the coming month:
- Final deployments of IR8.1 code into SIT environment to align with Programme's Functional SIT Cycle 3 timeline
- Continue to work on bug triage and fixing for SIT support, as needed
- Continue monitoring of UIT environment and support for non-SIT LDSO onboarding

- SIT Support & Change Backlog
  - Releases into SIT (weekly/per need) to address open defects from SIT
  - SonarQube Integration with Backend Services builds
  - Transition of PowerBI report to dynamic data load.
  - Complete Back-off and Retry on Message Egress
  - Complete Non-Functional Test against baselined Performance metrics
  - Review change backlog to identify programme dependent items for finalizing next steps
  - Wrap up PIT Cycles of testing against IR8.1 code base and prepare DIP-D37 PIT Test Completion Report and DIP-D39 PIT Defect Work Off plan

Party Milestones & Deliverables	Original Date	Forecast date & RAG
DIP 4d (IR8.1) – Final build	23/08/24	23/08/24
Functional SIT - Cycle 3	*02/09/24*	*21/10/24*
DIP 5 – Migration / Transition	20/09/24	21/02/25
DIP 6 – Hypercare	20/09/24	21/03/25

Decisions required	From whom?	By when?
None	n/a	n/a

Risk or Issue & RAG	Mitigating or resolving action required	Date for action to be resolved	Action owner
Functional SIT Progress – Extent of Testing (slower than expected), Identification of Defects (later test cycles), Expectations on Triage and Remediation (more frequent or 'urgent' releases)	MHHS PPC has issued comms (06.08) confirming SIT Cycle 2 will be extended by 5 weeks. Replanning to start based on 'short term plan', completion dependent on implications for M10/M11 which are expected to be communicated in due course.	(12.07.2024) 27.09.2024	Smitha Pichrikat (Paul Daniels)
Non-Functional Testing - Invalid or Unstated Assumptions & Dependencies	Review comments provided to LDP and commercial cover to be agreed with SRO.	06.09.2024	Smitha Pichrikat (Paul Daniels)
DIP – Solution Complexity & Change in 'Run' – Additional Effort/Cost to support solution	Review original assessment of Support effort (based on Development Effort) Treatment Plan currently based on monitoring to understand support demand through SIT & migration.	27.09.2024	Smitha Pichrikat (Paul Daniels)

Assumption & RAG	Action required to remove assumption	Date for action to be resolved	Action Owner

Dependency & RAG	Managing action required	Date for action to be resolved	Action Owner

DIP Delivery - Alignment to Programme Testing & M10/M11 – POAP (Simplified - excludes Settlement, Non-SIT LDSO, Qualification, Environments)
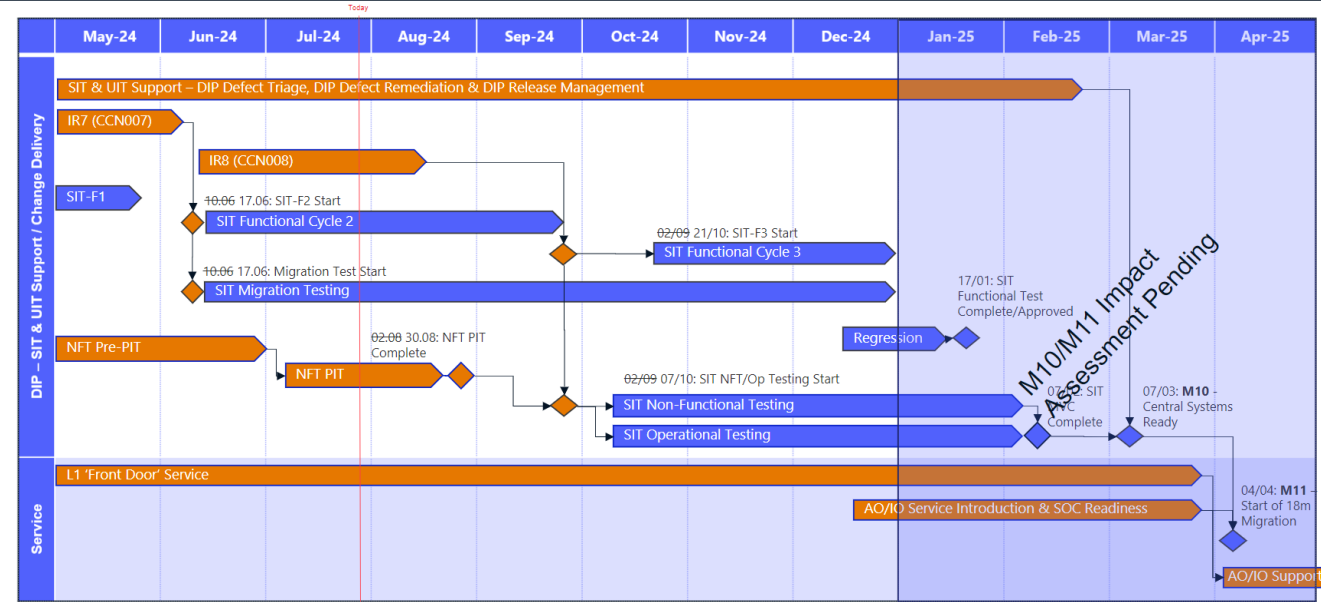
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MPRS MHHS - Monthly Delivery Report

St Clements

Report Date: 21-08-2024

RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers

Status & Outlook

Progress this Month:

- Continued UAT testing of sprints 5, 6, 7 and 8 MPRS code
- Completed test execution for Reverse Migration PIT & Submitted uplifted report
- Completed SIT Functional execution of Cycle 2 Sprints 3 & 4
- Started SIT Functional Cycle 2– Sprint 4.1
- Continued executing Migration SIT
- Continued support for the Settlements SIT environment
- Preparation for Cycle 3 PIT ongoing
- Completed testing Data Cleansing PIR 852 (Connection Type Back Population)

Progress expected in the coming month:

- Support and complete Functional SIT execution Cycle 2
- Support and complete Migration SIT execution Cycle 2
- Support Settlements SIT
- Continue UAT testing of sprints 5, 6, 7 and 8 MPRS code
- Start test execution for PIT for SIT Cycle 3
- Continue testing of Data Cleansing PIRs
- Prepare for Data loads for Cycle 3
- Produce document with information for DNOs to process messages and migrate MPANs

Party Milestones & Deliverables	Original or Baseline Date	Forecast date & RAG
MPRS ready for Migration SIT - Reverse	29-07-24	29-07-24
IR8 Code deployed to SIT Environments	17-10-24	17-10-24

Risk or Issue & RAG	Mitigating or resolving action required	Target Date	Action owner
STCI11 – ISSUE - Overrun of Programme activities (i.e CIT interval 2 testing and data aug loads) impacting subsequent test phases	Update – Awaiting confirmation of the updated plan to understand the impact on St Clements. The augmented data loads took longer than planned requiring significant resource commitment. Risk STCR63 materialised and the start of SIT cycles were delayed placing further pressure on subsequent test phases. The programme has not addressed the time 'borrowed' from future test phases (UAT/CIT interval 6/functional SIT/migration SIT). Whilst Parties are looking at how they can accommodate such increasing Programme demands, the Programme must consider the parties having to commit significantly more time than planned and its impact on future programme milestones. DNOs have funded an increase in the size of the MPRS test team, quadrupling the size of the test team since the plan was baselined (CR022).	Q3 2024	Programme
STCI13 – ISSUE – The new Test approach of splitting the remaining tests for both SIT F and Migration into a Sprint approach has resulted in unclear reporting. It is not easy to identify the current testing status.	Update – The programme have supplied a draft report, which is an improvement but still does not provide a clear view of the status of all remaining test cases. The programme test team has been approached to clarify what is required (overall view of Number of test cases, Passed, In progress, Blocked, Not started or failed). Without this it is not possible to confirm what has been tested, what is outstanding and the resulting impact on St Clements resource.	30/07/2024	Programme
STCI16 – ISSUE - There is an issue with the current SIT Functional test cases. Unclear versions and key information missing	NEW – We are not being made aware of changes to test cases. It is unclear which is the latest version of individual test cases in ADO and key information is missing from the test cases (descriptions and test steps unclear). A traceability matrix is necessary to show the latest Test Case version and the Test Execution the latest Test Case has been run in. Consequently, unnecessary questions are asked of St Clements from cohorts on how to achieve various outcomes. This is causing the St Clements test team significant time, reducing the time available for core MHHS activities.	Q3 2024	Programme
STCR45 – RISK – There is a risk that the SIT Functional testing requirements from the programme on St Clements are greater than anticipated.	Update – Increased volume of testing may have an impact on remaining Cycle 2 tests (priority v non-priority). Testing phase duration increasing leading to additional resource requirements from St Clements. This could lead to insufficient resource availability to support SIT Functional testing.	31/07/2024	Programme
STCR64 – RISK - Capacity to support volume of carried over tests from SIT cycle 1 in cycles 2 and 3 may surpass capacity available	Update – Remaining tests from Sprints 1, 2, 3 & 4 have been carried over to Sprint 4.1 increasing the volume of each sprint significantly. Without a suitable report (STCI13) it is not possible to gauge the position within SIT. Ongoing resource capacity requirements need to be assessed to support these carried over tests.	31/07/2024	Programme
STCR68 – RISK - Inability to complete sufficient UAT testing prior to go live	NEW – Focussing resource on supporting SIT Functional/Migration SIT execution, fault resolution and data augmentation difficulties is preventing acceptance testing activities from completing. The Programme timescales may prevent sufficient time to complete testing of MPRS code to the usual standard, leading to potentially more issues within production systems. To mitigate this, resource must be diverted away from solely focussing on supporting programme activities	Ongoing	St Clements
Assumptions			
Insufficient time to complete UAT testing to the required standard	NEW – It was assumed that acceptance testing, and programme testing would run concurrently. However, far more time than expected has been devoted to supporting SIT and data augmentation activities, preventing sufficient acceptance testing progress.	Ongoing	SCS
MPRS high level plan broadly remains the same following detailed IA	Detailed IAs for later sprints (including migration) to be completed	To last sprint	SCS
Scope of MPRS development does not extend	Scope change (eg data cut/data cleanse/CRs) to impact milestones. Consider delaying when functionality is required for testing	Ongoing	Programme
Governance/assurance does not impact MPRS delivery activities	Light touch and targeted approach	Ongoing	Programme

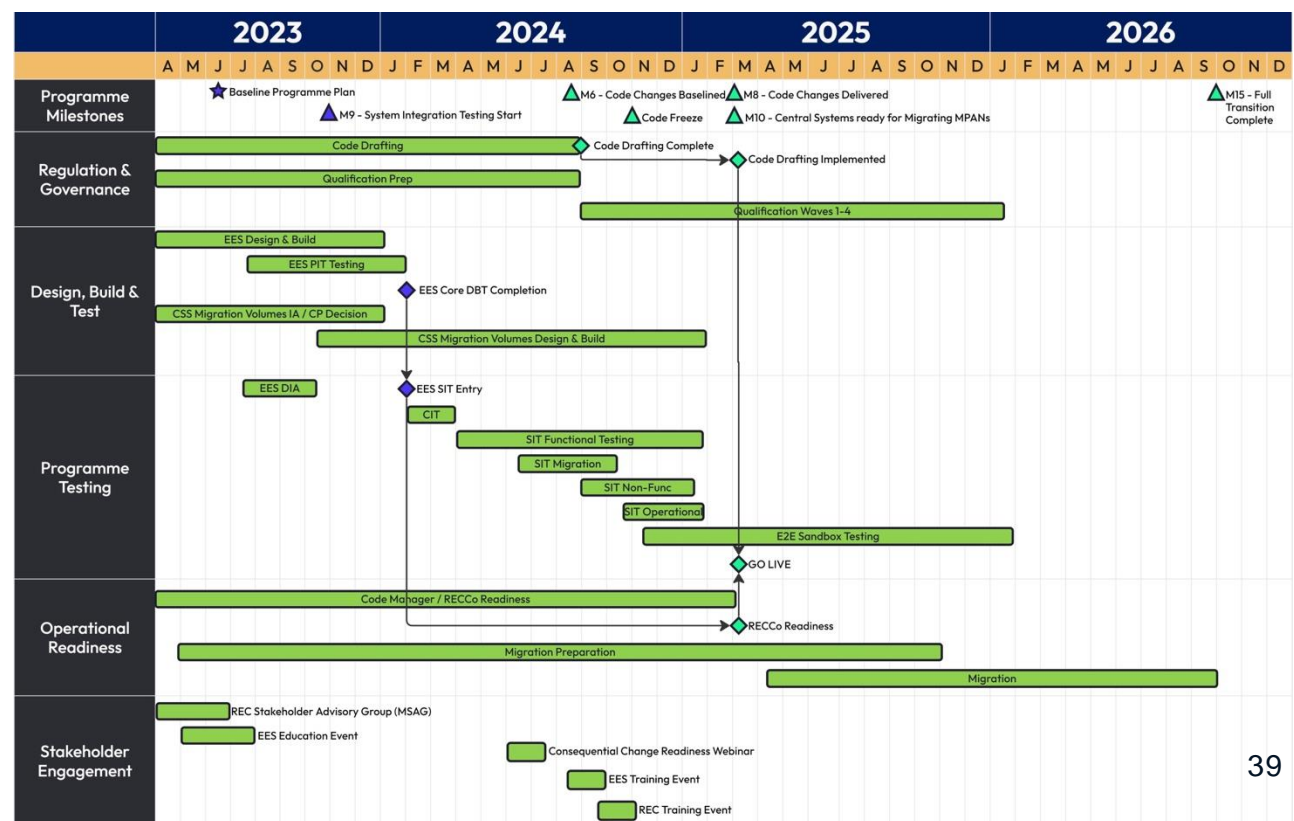| RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers

Status & Outlook

Progress last month:

- EES functionality being tested through SIT Functional Cycle 2, SIT Migration and SIT Settlement.
- EES PIT NFT Completed with 1 defect in work-off.
- REC Issue I0204 raised to investigate options to resolved an ERDS Multithreading issue affecting agent appointment updates into CSS. Programme Issue I179 raised in parallel.
- M6 Code Drafting approved by CCAG with action to develop work off plan to address IR8.2 and DINs required for M8. Work off plan to be developed and discussed at Sept CCAG.
- QA&P v2.2 and QAD v1.2 updated post consultation and approved by QWG and QAG.
- Engaged with Programme review of delivery plan to provide input on MHHS Qualification impacts.

Progress expected in the coming month:

- EES to continue to progress through SIT Functional Cycle 2, SIT Migration and SIT Functional Settlement Testing.
- EES PIT NFT work-off and PIT Operational to be completed.
- Develop M6 Work Off Plan with Code Bodies and Programme. For review at Sept CCAG.
- Publish Ofgem SCR CP to deliver REC code drafting, consult and seek approval from REC Change Board ahead of sending recommendation to Ofgem for approval in Dec (M7).
- REC PAB approval (27 Aug) of updated QA&P, annex 1 and 2 and QAD.
- Continue to engage with Programme review of delivery plan to assess qualification, code drafting, central service provision and operational readiness impacts.

| Party Milestones & Deliverables	Original or Baseline Date	Forecast date & RAG
Qualification Approach & Plan v3 approved and published	30/08/2024	30/08/2024
MEM/Supplier/DNO Assessment Criteria Updated	28/06/2024	28/06/2024
Code Drafting Complete	23/08/2024	23/08/2024
Qualification Assessment Document v2 approved and published	30/08/2024	30/08/2024

Decisions required	From whom?	By when?
None		

Risk or Issue & RAG	Mitigating or resolving action required	Date for action to be resolved	Action owner
Key operational processes required for MHHS will not be sufficiently developed, documented and tested ahead of MHHS go-live. Including roles and interactions between BSC/DIP, REC and Switching service desks, incident management, error resolution, trade sales, SoLR, etc.	Requirement for clear design documentation and milestones to be tracked under programme governance (e.g. TORWG). Operational testing to include sufficient scope to test key processes and interactions. Consideration of war game/run through separate to SIT to ensure operational readiness.	18/09/2024 (SIT Operational Test Scenarios approved)	Jonny Moore
R0920 - Swagger may not be aligned to approved design artefact (DES138) which is used for Code drafting. Lack of alignment means M6 criteria not met and could also lead to qualification delays and live operational issues.	Programme proposed taking no action to address this risk/issue. In this context, RECCo reviewed, identified issues and raised DINs. Issues not resolved at M6 and Work Off plan agreed at CCAG to cover DINs and new Code Changes required as a result of IR8.2.	25/09/24 (M6 WO Plan for CCAG review)	Andrew Wallace

Dependency & RAG	Managing action required	Date for action to be resolved	Action Owner
Programme SIT Artefacts for provision of equivalent Qualification documents and confirming if Code Bodies need to undertake any additional qualification activity for SIT parties.	Awaiting updated SIT Functional RTTM and Test Cases to develop and provide associated Qualification artefacts.	Ongoing	Andrew Wallace
RECCo need to develop tie-ins with enduring BSC service management as part of operational readiness, including roles, responsibilities and hand-offs for incident management, error resolution and operational processes (trade sales / SoLR / etc.)	Agreement required on service management design deliverables and agreed scope of testing / operational readiness run-through. Service design has now delayed the production of the Operational Test Cases.	18/09/2024 (SIT Operational Test Scenarios approved)	Jonny Moore
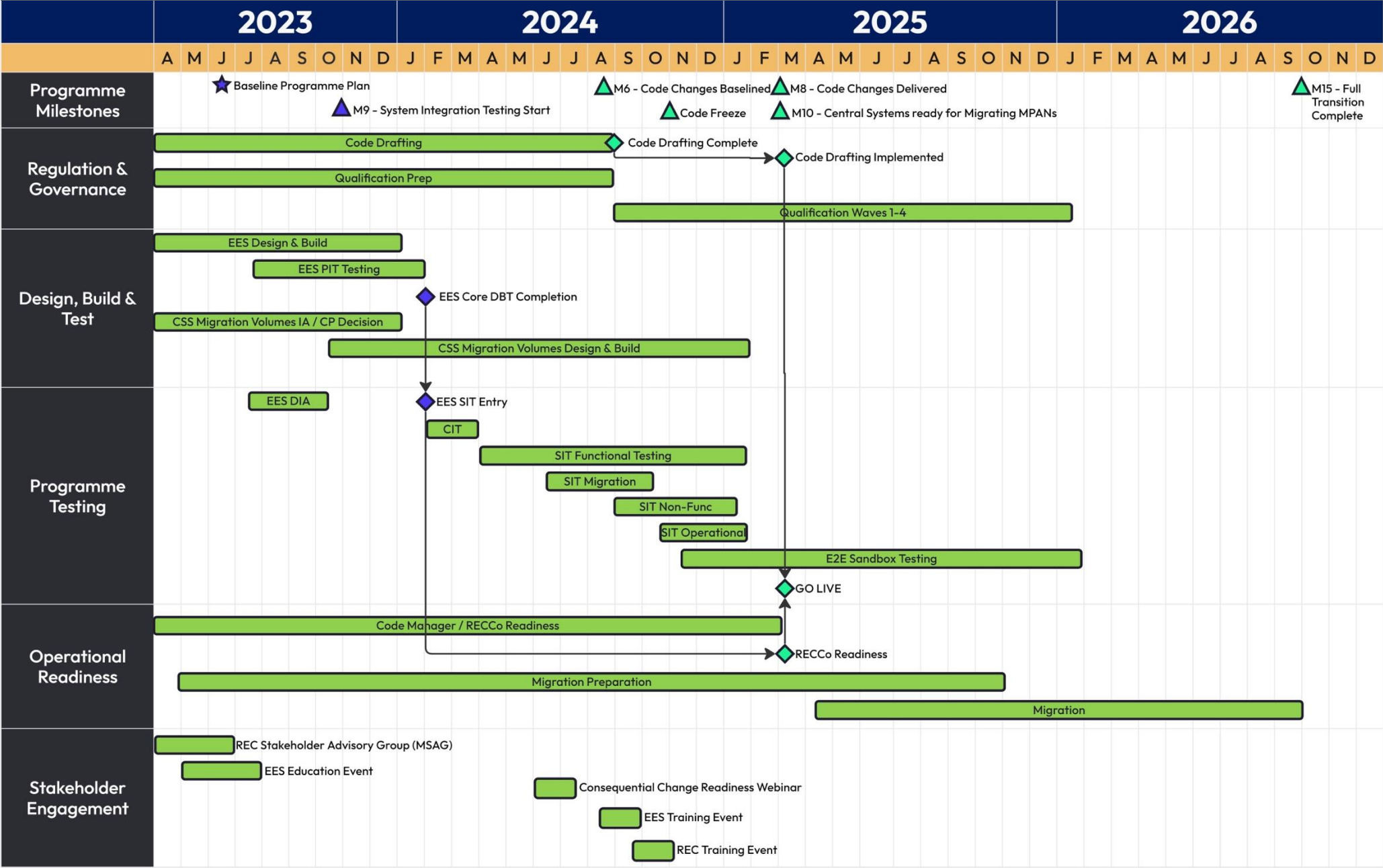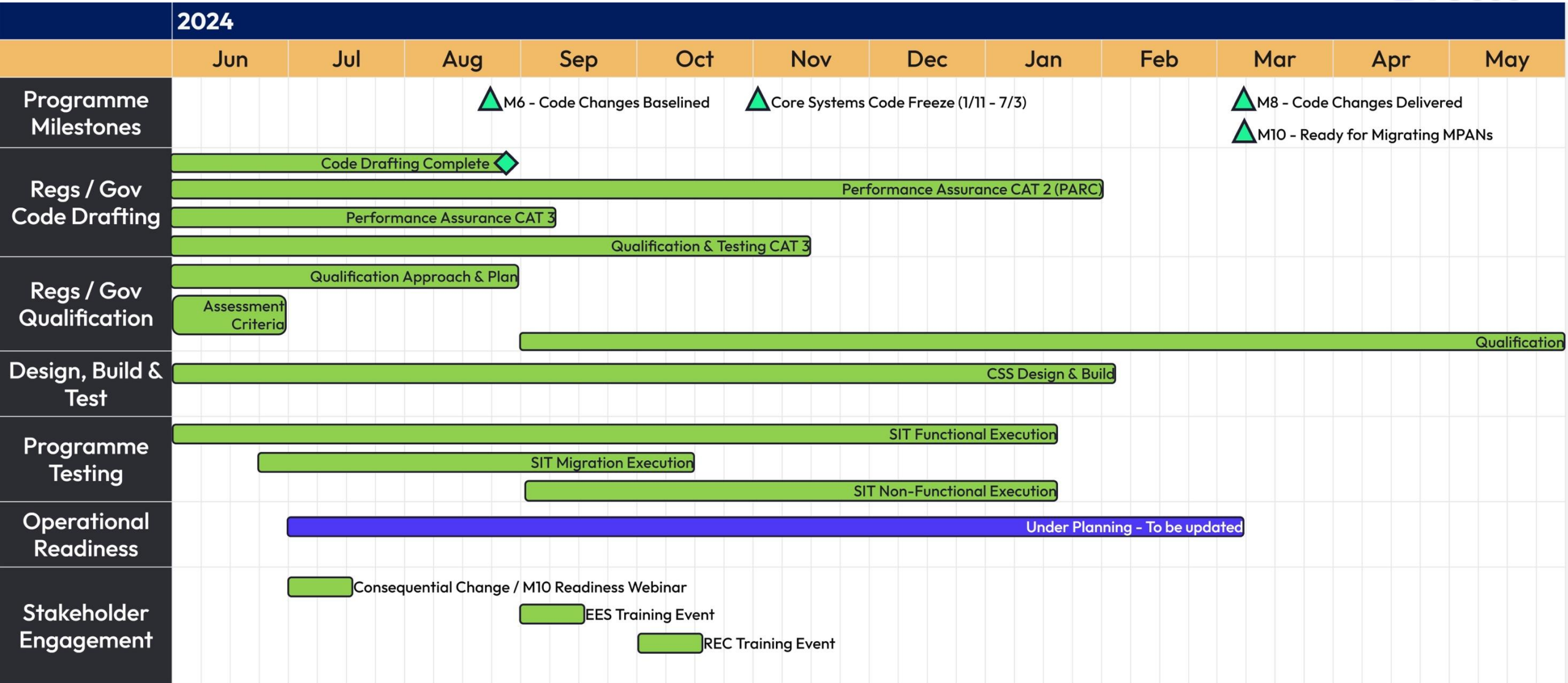
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RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers

Status & Outlook

Progress last month:

REC

- R0044 R0044 Production deployment complete.
- R0093 (Legal text now deployed) – Capacity uplift/Performance requirements being finalized.

Capacity

- MHHS Capacity uplift plans confirmed for deployment.

New Requirements

- DCC SIT Functional Testing Support aligned & supporting extended Cycle 2 Sprint & Test Trial
- Plan agreed for production of 3rd Test Data Run for 16th September
- ESME Data delivered for Data Cleanse on target date 16th August

Progress expected in the coming month:

- REC CSS performance testing plan/costs to be shared with RECCo
- Continued SIT Functional Testing Support
- Delivery of 3rd Test Data Cut
- Impact Assessment resulting from MHHSP Scenario Planning
- PPIR update on MDR usage to be conducted

Party Milestones & Deliverables	Original or ~~Baseline~~ Date	Forecast date & RAG
Ofgem approval	25-10-22	28-11-22
MHHS SIT Start	11-03-24	11-03-24
MP162 Go-LIVE	27-06-24	27-06-24
R0044	27-06-24	27-06-24
Capacity Uplift	June 24 / Apr 25	June 24 / Apr 25
R0093	2025	April 2025

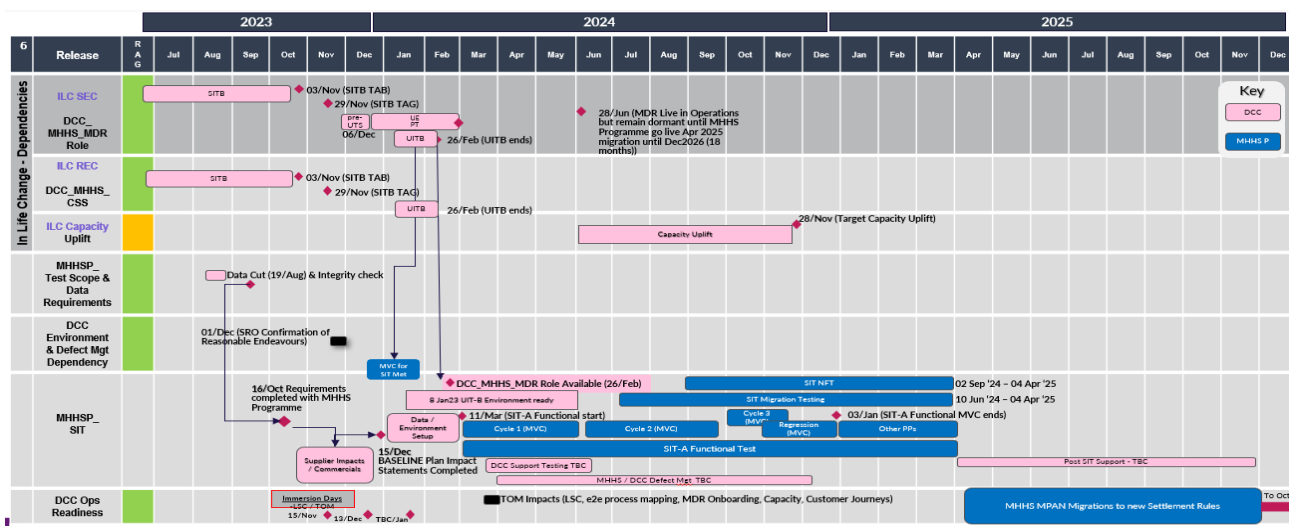| Decisions required	From whom?	By when?
None	n/a	n/a

Top Risks and or Issues (See detail on page 2)

Migration Threshold Breach Risk – As a result of there being no system controls to limit volumes, there is a risk that more than the agreed 300k MPAN's are sent across for migration on any day, resulting in service degradation on CSS.
Mitigation: DCC have investigated legal & regulatory controls available to mitigate, and are engaged in the Governance Framework definition with Elexon Migration Delivery Team. Identification of industry exception escalation processes running behind plan.

Assumption & RAG	Action required to remove assumption	Date for action to be resolved	Action Owner
No New Assumptions			

Dependency & RAG	Managing action required	Date for action to be resolved	Action Owner

MHHS PROGRAMME
Industry-led, Elexon facilitated

RAID & RAG

Ref.	Risk	Calculated Risk	Mitigation / Update	Owner	Area
1	As a result of there being no system-based control to prevent daily migration volumes exceeding the 300k peak-of-peaks, there is a Risk to CSS performance	High	DCC have investigated legal & regulatory controls available to mitigate, and are engaged in the Governance Framework definition with Elexon Migration Delivery Team. Identification of industry exception escalation processes running behind plan.	DCC/MHHS Programme	Migrations / Capacity
2	As a result of the sizing of CSS capacity increases being based on peak-of-peak migration thresholds defined in the Migration Thresholds document plus "business as usual" (BAU) volumes, there is a Risk that BAU volumes today may not reflect BAU volumes between April 2025 and October 2026, if switching increases. This could result in CSS being under scaled.	Medium	CSS and DSP should be sized for a peak-of-peak CoA volume of 300K plus 291K (the original CSS peak-of-peak volume) to allow for growth in switching rates. Costs for CSS Uplift identified & CR submitted to RECCo for review. DSP confirmed volumes can be met with current build	DCC	Migrations / Capacity
3	As a result of the potential significant cost involved in scaling CSS and/or DSP to achieve a peak-of-peak CoA volume of 591K, there is a risk that this may not be cost effective and/or technically feasible.	Medium	Include performance testing within the PRs raised with CGI and Landmark & Netcompany to confirm compliance with these volumes and make DCC commitment to associated SLAs contingent on successful completion of this testing.	DCC	Migrations / Capacity
4	As a result of a lack of clarity around industry the capacity impacts of MHHS, DCC have had to build additional capacity based on a set of assumptions, There is a Risk that any industry changes which materially impact the Capacity Assumptions may not be able to be reflected in the capacity at Go Live, due to the time required to deliver capacity increases.	Medium	A formal letter has been sent to Ofgem on June 18th detailing the assumptions on which DCC has built the capacity which will be available at MHHS implementation. Planning for September follow-up PPIR & communication to Ofgem of results.	DCC/MHHS Programme	Capacity
5 NEW	As a result of the Programme delivery dates potentially moving out, there is a Risk that there is a significant impact on DCC in terms of cost, resource, or operational impacts.	Medium/ High	On receipt of proposed dates from MHHSP, DCC to conduct full impact assessment internally & with Service Providers. Any significant impact on costs or ability to absorb change at re-planned dates to be flagged to DCC Senior Stakeholders & MHHSP via CR response.	DCC/MHHS Programme	Costs/ Operational Impact

RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers

Status Update	**ElectraLink updates for August PSG:** • Supporting MHHS participants through our helpdesk as required to use the DTS to support their SIT A and SIT B testing. • Continued collaboration with MHHS Programme and teams engaged via participating in working groups such as SITWG, FITG, S&T, DAG, DWG and fortnightly sessions with the programme and Webinars.	**Milestones and Deliverables:** • None

Decisions required	From whom?	By when?

RAID	Mitigating or resolving action required	Date for action to be resolved	Action owner

Dependencies	Managing action required	Date for action to be resolved	Action Owner
Updated DTC Catalogue 4-6 weeks in advance of release date to ensure we can update it prior to MHHS requirement	Communication with MHHS & REC ongoing, CCN process to ensure release is managed effectively and on time	-	**MHHS/ElectraLink/REC**

RAGs	Overall	Approach	Plan	Resources	Budget	Risk	Stakeholders	Suppliers

DNOs Status & Outlook

Progress since last month

SIT Participant
- Completed FSIT Cycle 2, SIT Settlements & SIT Migration testing Sprint 4
- Completed Measurement Class C&E connection type cleanse.
- Completed ESME ID reports
- Deployed DURABILL 6x Phase 2 release to SITA to support completion of REP-900 testing.

Non-SIT
- PIT Non-Functional Test & Operational build & execution
- PIT NFT & Operational Test Plans
- Placing Reliance NFT & Migration
- Qualification Planning Prep continues Test Harnesses, Data, Code deployments, PKI DIP Onboarding
- Qualification - Non -SIT LDSO – Agreement on Data Set with programme
- Qualification – QAD commence completion
- Code – Final code review to support M6
- Data Cleanse – ESME files deployed, exceptions to suppliers
- Migration Approach & Operational Transition M10/M11 cut over & Service Management Review
- Programme Working Groups, Change Requests, DINS

Expected key activities next month

SIT Participant
- Complete FSIT Cycle 2, SIT Settlements & SIT Migration Sprint 4.2 testing.
- Complete ESME ID rejection SDEPS
- Meter Location data cleanse activities.
- Provision & load of augmented MPRS test data to support SIT NFT (10k MPAN's expected).
- In deferred maintenance window deploy latest IR 8.1 application functionality for REGS LDSO and UMSO (SIT A and SIT B Env).
- Commence loading augmented test data (circa 10k MPANs) into SIT B environment to support SIT NF testing.
- PIT for SIT non-functional testing

Non-SIT
- PIT Non-Functional Test & Operational test complete
- Functional & Migration PIT submit test & traceability
- DIP Onboarding – complete
- Qualification -Test Data agreed & commenced loading
- Qualification – Test scope agreed & signed off
- Qualification Planning Prep continues Test Harnesses, Data, Code deployments
- Qualification QAD progress
- Data Cleanse LDSO Full refresh ESME & MEM prep
- Code Drafting – Modification report review
- Migration Approach & Operational Transition M10/M11 cut over
- Program Working Groups, Change Requests, DINS

DNO Key Deliverables & Activities	Latest Status	Due Date & RAG	Relevant Programme Milestone(s)
DNO System Integration Testing (SIT) Participants			
Complete PIT for SIT Non- Functional	Requirements provision has been poor. SSEN has advised Programme that it will aim to complete PIT for SIT NFT by 23/9/2024.	7/10/2024	M10
SIT FSIT Cycle 2 & SIT Migration	Sprint 3 underway. Overall progress on SIT testing has been slow, due to data issues, participant readiness, etc.	20/09/2024	M10
SIT Settlements Testing	Problems persist with quality of ISD data which has blocked testing of REP-002a, REP-002b, & REP-901. Defects raised and updated ISD expected from Elexon in October start of Cycle 3 testing. Problems with Rep 002B	20/09/2024	M10
Non-SIT LDSO Qualification Testing			
Non-SIT LDSOs testing start (Functional / Migration / NFT / Ops)	Ongoing discussions regarding NFT Qualification, Placing Reliance, Data requirements and test cases.		M10
Readiness to support migration start, including Registration Services. Network Operators and UMSOs	Ongoing Industry discussions regarding cut over plans, service management, migration volumes & SLA's–consultation.		M10
Submission of Final Functional and Migration PIT test completion report – Programme Milestone submission	In Progress	30/08	T3-QU-0076
Submission of Final Non-Functional and Operational PIT test completion report – Programme Milestone submission	In Progress	30/09	T3-QU-0076

Escalations

Escalations / Priority Actions	To Whom	Required Resolution Date	Owner
• PIT for SIT Non-Functional. SSEN aims to complete by 20/12/2024, not ahead of start of SIT NFT. • SSEN will be executing SIT NFT test data load for MPRS, in conjunction with Programme Data Team. Programme is aiming to complete MPRS load ahead of advising other parties to load data for SIT NFT. • Revised Programme Plan required to enable DNO activities to be planned and executed– expected early September (which is after some non SIT LDSO milestones) • Lack of published reporting requirements to be addressed	MHHS Programme SI	ASAP	MHHS Programme

Risks, Issues & Dependencies

Key Risks & Issues	Mitigation, Impacts & Latest Actions	Owner	Relevant Programme Milestone(s)	Key Dependencies & Assumptions	Dependency On	Summary & Key Actions	Stakeholders	Relevant Programme Milestone(s)
Development of volume data load injection tool for PIT for NFT.	**Mitigation**: C7C developing data load tool for PIT. SPEN currently testing awaiting feedback on success to allow tool to be rolled out to all DNOs. **Impact**: Tool will allow SSEN to commence testing in September	C&C	Non-SIT LDSO Qualification Testing Exit	ASSUMPTION: FSIT Cycle 2 will complete on time with an acceptable pass rate & commence FSIT Cycle 3.	All Cohorts & Central Parties	Summary: P1 fixes being given as the focus to be executed & passed. Testing will complete within reduced window for Cycle 2. Key actions: Cohorts to prioritize P1 defects/test cases.	Programme SI	
Load of SIT NFT data to MPRS (10k MPANs)	**Mitigation**: Working with Data Team to provide missing MPAN data attributes. Will engage with SCS re advice/guidance on data loading to ensure best practice. **Impact**: SSEN in danger of being put on critical path to start SIT NFT, due to dependency being placed on load of data to MPRS before other parties will be advised to load the same data.	Programme SI (Richard Puddephatt)	Start PIT for NFT	Delivering Oracle 19C upgrade for MPRS Rel. 9	Internal DNO IT partner	Currently running to plan ready for start of PIT and Qualification	Internal to UKPN	Start of PIT

Key Risks & Issues	Mitigation, Impacts & Latest Actions	Owner	Relevant Programme Milestone(s)	Key Dependencies & Assumptions	Dependency On	Summary & Key Actions	Stakeholders	Relevant Programme Milestone(s)
Lack of visibility of revised programme plan post Xmas 2024	**Plan due 2/9/24**	**SI**	M10	Dependency	Qualification & Code Bodies	Deliver feedback on PIT Plan & Approach NFT & Operational timely within 10-day SLA		M10
Ongoing Industry discussions regarding cut over plans, service management, migration volumes & SLA's– consultation.	Program don't approve the NFT change requests will result in timelines for M10 not being met	MHHS Programme	M10	Dependency	NFT Tooling	NFT Tooling to manage volumes as it's not a proven tool or mechanism		M10
Ongoing Industry discussions regarding cut over plans, service management, migration volumes & SLA's– consultation.	Unable to meet PIT/Qualification timelines. In mitigation working with suppliers to escalate any issues with programme and obtain resolution (as above)	MHHS Programme	M10	Dependency	Migration	Program reducing the complexity in reverse migration process to enable timelines to be met		M10
Ongoing Industry discussions regarding cut over plans, service management, migration volumes & SLA's– consultation.	Potential under-recording of DNO cost impacts in the Programme benefits. DNOs will require approval of additional Programme funding	MHHS Programme	N/A	Assumptions	Qualification NFT	Qualification & Code Bodies will provide the detail to Non- SIT LDSO's in relation to testing and placing reliance to enable plans to be built timely		M10
Ongoing Industry discussions regarding cut over plans, service management, migration volumes & SLA's– consultation.	Untried solution, could result in missed PIT program timelines for Non-SIT LDSO's as no other solution available within timelines	Programme Participants	M10	Assumptions	Qualification NFT	Change requests for descoping gas volumes & UMSO & Network operations from testing are approved timely		M10
Ongoing Industry discussions regarding cut over plans, service management, migration volumes & SLA's– consultation.	Missed timelines migration and/ or extended timelines and/ or poor-quality data	Programme Participants	M10					
SIT testing of MPRS (incl Migration), Durabill and DIP Apapter does not complete in time for parties to complete their own PIT Functional and Migration testing and evidencing required for Qualification Testing	n/a outside of party control. Monitor programme SIT progress.	**MHHS Programme**	Multiple					
Revised programme timescales for Non-SIT LDSO PIT, Qualification and M10/M11 need to be urgently understood so that DNOs can ensure appropriate resources are planned and in-place.	Awaiting further details of MHHS replan activities	**MHHS Programme**	Multiple					

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RAGs	Overall	Approach	Plan	Resources	Budget	Risk

DNOs Status & Outlook

Progress since last month	Expected key activities next month
SIT Participant • Completed ESME ID data activity and declaration. • Confirmed the Elexon process for Annual Consumption Process. • Confirmed no change in Operational Placing Reliance. • Submitted SIT Non-Functional Participant Readiness Reporting. • Completed ESME ID exceptions reports to Suppliers. **Non-SIT Participants.** • QT Test Plan Non-Functional and Operational with RTTM - completed and submitted. • ESME ID test data retrieval and load completed, and exceptions reported to Suppliers. • DIP onboarding process started on the 5th August. • Submitted Interim Non-SIT LDSO Qualification Testing Readiness Report template. • Declared to Ops Readiness Meter Location and Number of Displayed Register Digits (Test). • QAD preparation. • QT Data validation completed and sent to Programme.	**SIT Participant** • Progress SIT • Pursue NFT requirements. • Progress QAD submission. **Non-SIT Participants** • DIP onboarding to complete by mid-September. • QT Test readiness report and PIT completion report for Functional / Migration with RTTM submission - Work will progress on the documents to be submitted by 2nd September. • PIT Test completion. • Review and amends to PRP. • Liaise with Suppliers on any ESME ID exception queries. • Readiness for Meter Location Data Cleanse report. • Validation of test data between tech provider and MHHSP in progress.

DNO Key Deliverables & Activities	Latest Status	Due Date & RAG	Relevant Programme Milestone(s)
IDNO System Integration Testing (SIT) Participants			
SIT Functional Cycle 2	Progressing well, although overall Programme progress slow	20.09.24	M10
SIT Migration	Progressing well, although overall Programme progress slow	20.12.24	M10
Settlement Testing	Settlement testing is progressing very slowly due to external party data and other defects	20.09.24	M10
Preparation for SIT Non-Functional	It is unclear what scope is required for PIT NFT ahead of SIT NFT	04.11.24	M10
Preparation for SIT Operational	On track	07.10.24	M10
Non-SIT LDSO Qualification Testing			
ESME ID update	On track	30.08.24	M10
LDSO Qualification testing RTTM	On track	02.09.24	M10
QT Readiness	Working with third party tech provider on PIT stage completion for QT readiness	01.10.24	M10

Escalations

None

Risks, Issues & Dependencies

Key Risks & Issues	Mitigation, Impacts & Latest Actions	Owner	Relevant Programme Milestone(s)	Key Dependencies & Assumptions	Dependency On	Summary & Key Actions	Stakeholders	Relevant Programme Milestone(s)
SIT NFT requirements unclear	There is very little SIT NFT, which puts onus on parties' own PIT NFT. Without clarity of Programme expectations, it is difficult to identify what PIT NFT should be undertaken. Risk of PIT NFT delays. Liaising with Programme.	Programme/LDSOs	Non-Functional/Qualification Testing					
Settlement Testing	With Settlement testing progressing so slowly, we are unable to gain any assurance that we will be provided with the relevant reports to allow us to undertake successful DUoS billing.	Programme/LDSOs	SIT Settlement					
Delays in SIT leading to delays in subsequent Programme phases.	Risk of delays to other aspects of Programme implementation. Remain aware what potential delays will mean to subsequent Programme phases, eg, Initial QAD submission window moving.	Programme	Various					

Overarching Costs for MHHS Central Parties FY 24/25

Financial Measure	Apr-24 £m	May-24 £m	Jun-24 £m	Jul-24 £m	Aug-24 £m	Sep-24 £m	Oct-24 £m	Nov-24 £m	Dec-24 £m	Jan-25 £m	Feb-25 £m	Mar-25 £m	Totals (£m)*
Budget	2.09	1.88	1.71	2.06	1.66	2.56	1.76	1.61	2.43	1.58	1.55	2.68	**23.58**
MHHS Actual/Forecast	1.84	1.93	1.71	1.77	1.71	1.77	1.74	1.54	1.58	1.67	1.63	4.69**	**23.58**
DCC Budget		1.01			4.45			3.35			2.52		**11.33**
DCC Act/Forecast***	0.35	0.25	0.19	0.17	0.51	1.69	1.66	1.20	1.36	1.09	1.46	1.29	**11.22**
Helix Budget	3.40	3.40	3.40	3.40	3.40	3.40	1.80	1.80	1.80	1.80	1.80	1.80	**31.20**
Helix Act/Forecast	2.90	3.20	3.10	3.30	3.10	3.50	2.70	1.80	1.70	1.50	1.50	1.60	**29.9**
RECCo Budget****	0.36	0.38	0.29	0.28	0.31	0.45	0.37	0.18	0.23	0.27	0.28	0.32	**3.74**
RECCo Act/Forecast	0.33	0.34	0.25	0.25	0.28	0.42	0.33	0.14	0.20	0.24	0.25	0.29	**3.32**
Total Budget	**6.19**	**6**	**5.74**	**7.22**	**6.85**	**7.89**	**5.05**	**4.71**	**5.58**	**4.49**	**4.47**	**5.64**	**69.85**
Total Act/Forecast	**5.42**	**5.72**	**5**	**5.49**	**5.32**	**7.38**	**6.43**	**4.54**	**4.84**	**4.5**	**4.59**	**7.58**	**68.02**

Please note:
- **Totals – totals are as provided by central parties. Rounding of individual months may result in the sum of individual months differing from the total provided by central parties*
- ***MHHS – includes contingency*
- ****Note from DCC – figures amended from previous month to only reference costs incurred in this financial year*
- *****RECCo – includes only 3rd party costs (does not include internal resources)*

Central Party Finances – Colour Key

Actuals data

SI Workstream – Progress Update

| Workstream	Progress	Next steps		
		What	**Owner**	**By When**
Design	Design queries • The volume of outstanding calls remain constant in the last period as it continues to reflect engagement from Non-SIT participants • Average response times for the previous period for closed tickets remains at approx.' 1wd, with resolution times at approx.' 2wd • The team remain heavily involved in the triage of testing defects, participating in at least 7 sessions daily, providing design guidance to various internal and external resolver groups. • The team is also actively supporting the test assurance team in clarifications to test cases. Interim Releases • IR8.2 successfully published 21-Aug-24 reflecting 8 updates to the design that would have caused issues in latter cycles of testing.	Continue to answer queries and monitor levels, the nature of the call is moving to testing and data related queries	MHHS	Ongoing
Testing	Placing Reliance • SIT Functional – Placing Reliance Proposals, review completed • SIT Migration – Placing Reliance Proposals, review completed (no change, no actions)			
Testing	Testing documentation in progress/published in last month: • SIT Migration Theme 2 & 3 Work Off, achieved 15-May SITAG Approval • SIT Operational Test Approach and Plan, achieved 15-May SITAG Approval • SIT Non-Functional Test Approach and Plan – deferred from May SITAG whilst test tooling assumptions are validated and the approach reviewed	SITAG approval	MHHS	Jun-24
Testing	Test Data • Cycle 2 – Data loaded by all PP's and central parties – bar one PP	Data loaded	MHHS	17-June-24
Sims & Ems	• Completed IR8 and IR8.1 DIP Simulator uplifts as a combined release • Progressed 'MVP' phase of LDSO Test Harness development	Complete 'MVP' phase of LDSO Test Harness development Progress 'Refinement' phase of LDSO Test Harness development	MHHS MHHS	Jul-24 Aug-24
Transition	M10/M11 Cutover Plan has been approved by MCAG	N/A	MHHS	Complete
Transition	Early Life Support Model Development is ongoing – the consultation has been delayed based on the need for further input from the Code Bodies.	Further Discussions to be held with Code Bodies and then updated timelines to be shared.	MHHS	Ongoing
Transition	Monitoring of progress on the Data Cleanse Plan	This activity is ongoing. Some of the population activities are due to take place in August and these processes are being tested throughout July.	MHHS and SIT Participants	Various (see DC plan)

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Fast Track Implementation Group (FTIG) Update

FTIG meetings

- Recent focus of sessions has been tracking progress on SIT Migration (SIT M) and SIT Functional (SIT F) Cycle 2 including Settlement Testing, and improvement actions
- Recent key topics:
  - o SIT progress for Sprint 4 and 4.1
  - o Waiving Cohort Anonymity for Cycle 3
  - o Updates on Cycle 2 Targets
  - o Contingency Planning

- Continued good engagement from CCPs and PPs
- Open & transparent discussion on the above topics both in FTIG and in associated bilaterals
- Running weekly as requested by participants

MHHS Programme	Octopus
IPA	Octopus Energy Services (metering services)
Avanade (DIP)	OVO (metering services)
British Gas / Centrica	Power Data Associates
BUUK Infrastructure	Rebel Energy
Callisto	RECCo
Data Communications Company (DCC)	SeaGlass
E (Gas and Electricity) Ltd	SMS
EdF (metering services)	SSEN
E.ON Next Energy Limited	St Clements Services
E.ON UK Energy Solutions (metering services)	Stark
Edgware Energy	TMA Data Management
ElectraLink	Tym Huckin Ltd
Elexon Central Systems (Helix)	Unify Energy
Energy Assets Ltd	Utilita
Ensek	Utiliteam
ESG	Wheatley Solutions
IMServ	
Itron Metering Solutions (UK)	
Kraken Data Services	
National Grid Electricity Distribution	
National Grid ESO	
Npower Business Solutions	

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MHHS Programme – Code Workstream Summary
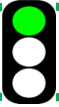
Overall Status

- The Code Drafting Workstream is meeting the August M6 delivery timelines to baseline the MHHS Code Artefacts
- M7 Ofgem SCR activities are on track to start post M6
- M8 activities have started and are on track

August Summary

- Publish artefacts following Consistency Check Consultation and Assurance, with all comments actioned
- Artefacts prepared and ready for Finalisation stage and approval

September Deliverables

- Develop how post-M6 work off items will be managed
- Support M7 delivery start/ongoing with relevant SCR Modifications raised
- Support M8 BSC/REC/DCUSA implementation activities

Mstn Ref	Drafting Milestones	Baseline date	Forecast date	Status
T2-RE-0100	Data Services approved at CCAG	24/05/23	24/05/23	Complete
T2-RE-0150	Metering Services approved at CCAG	24/05/23	24/05/23	Complete
T2-RE-0250	Registration approved at CCAG	23/08/23	23/08/23	Complete
T2-RE-0200	BSC Central Services approved at CCAG	27/09/23	27/09/23	Complete
T3-RE-0300	Governance, Migration and Qualification approved at CCAG	22/11//23	22/11/23	Complete
T3-RE-0350	Transition Text and Interfaces approved at CCAG	24/01/24	24/01/24	Complete
T3-RE-0500	Topic Area Mop Up approved at CCAG	22/05/24	22/05/24	Complete
T3-RE-0500	Consequential Change approved at CCAG	22/05/24	22/05/24	Complete
T3-RE-0550	Finalise and consistency check approved at CCAG	23/08/24	23/08/24	Green
T3-RE-0550	Code changes baselined (M6)	23/08/24	23/08/24	Green
T2-RE-0600	Smart Meters Act powers enabled (M7)	11/12/24	11/12/24	Green
T2-RE-0650	Code changes delivered (M8)	07/03/25	07/03/25	Green

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PSG - Qualification Update

Overall Status / Progress

Overall Qualification:
- Panel recommendation of approval of P476 'Exemption from MHHS Requirements for Smart Market Segment Supplier Qualification' (Now with Ofgem)
- Qualification Approach and Plan v3 (Non-Functional and Operational) endorsed by QWG, alongside Qualification Assessment Document v2. Both targeting August QAG and BSC/REC PAB sign off.
- Review of Qualification dates in line with the re-evaluation of SIT timelines.

Non-SIT Supplier & Agent Qualification:
- Annex 2 endorsed at QWG and being taken to QAG and BSC/REC PAB for sign off alongside the QA&P v3.
- Update on Placing Reliance position and impact on Non-SIT S&A QT Participants test scope at QWG

Non-SIT LDSO Qualification:
- Annex 1 endorsed at QWG and being taken to QAG and BSC/REC PAB for sign off alongside the QA&P v3.
- LDSO are underway with DIP Onboarding. Smoke testing element to take place in October rather than September.
- Interim Test Readiness Report received by LDSOs. LDSO are broadly on track with preparations. Reports highlighted test data prep, non-functional & operational PIT as areas were LDSO need more support.
- Sessions held to finalise LDSOs individual test scope which will be used to agree individual test schedules.

Key upcoming milestones

Milestone name	Date	RAG
Non-SIT S&A QT Test Data Approach Approved by QAG	18/07/24	C
Non-SIT S&A QT Migration Test Scenarios Approved by QAG	18/07/24	C
Qualification Approach and Plan v3 (Non-Functional & Operational)	29/08/24	G
Qualification Testing for Non-SIT LDSOs Participants' environments) Ready to start DIP onboarding (incl. certificates and security compliance)	05/08/24	C
Non-SIT LDSO Annex 1 Updated with Non-Functional, Migration and Operational plans	22/8/24	G

Qualification Cohort	Key Concern or Risk	Mitigation or Resolution	RAG
Non-SIT LDSO	Additional test data preparation needed to support alignment to test harness and data cleanse activities	Engagement with LDSO to agree way forward and timelines for activities.	A
Non-SIT LDSO	Progress or test coverage in SIT Cycle 2 &/or SIT Migration not sufficient to start LDSO QT	Working closely with SIT teams to understand progress and agree prioritised test coverage and exit criteria. Test start date moved back to no earlier than 1 November	A
SIT MVC & Non-SIT LDSO	Timelines very tight for finalising QAD and confirming Qualification with REC Code Manager and BSC PAB ahead of M10/11 deadlines.	Working closely with SIT and Non-SIT LDSO teams to understand testing timelines and where Qualification activities can complete ahead of test sign off. Engagement with BSC PAB ongoing to ensure expectations are set around SIT MVC and Non-SIT LDSO Qualification. Review alongside the re-evaluations of timelines.	A
Non-SIT Supplier & Agent	Key dependency on SIT NFT and Operational Test artefacts which may cause impact delivery of QT artefacts if delayed further.	Working collaboratively with the SIT teams to understand the delivery timelines and to get sight of the artefacts as early as possible to inform QT artefacts.	A

Migration Status

- **Migration Framework Consultation 3 is scheduled with MWG**
  - o The release of the third Migration Framework Consultation has been rescheduled from 28 August 2024 to early Oct. This is due to the fact that the changes to the artefacts identified through the MWG are minimal and do not justify the time and cost of a consultation. This also enables the MWG to view the Suppliers Migration Plan Submissions and identify any further changes required to the artefacts as a result of that activity.

- **Migration schedule**
  - o Capacity envelopes and the Schedule Submission template issued on 31 July 2024
  - o Webinars and weekly drop-in sessions have had good attendance
  - o All suppliers are required to issues their submissions by 2 October 2024
  - o The Migration Schedule is scheduled to be baselined by MCAG on 22 Oct 2024 (noting it will be based on a range of assumptions)
  - o From Nov 2024 the Migration Sprint planning cycles will commence and the Migration schedule will be revised every 2 months (taking SIT progress, Qualification progress and Migration outturn into account)

- **Migration incentives**
  - o Current position set out by Ofgem in MWG as the baselined position. There is consideration underway of further industry incentives which will have to be subject to the appropriate change management mechanism.

Level 3 Advisory Groups Updates

Governance group updates

Programme Steering Group (PSG)

PSG 07 August 2024

CR051: SRO approved CR051, Deferral of MHHSP-03.

CR052: SRO approved CR052, Amending the 'M7 SCR powers enabled' Milestone.

CR053: SRO approved CR051, ISD Publication Frequency Change. CR053 will go to August CDWG to discuss if the related minor Code changes can be incorporated into M6 Code release.

Elexon Settlement Analysis: The Settlement Analysis Model has been built and a volunteer organisation has agreed to provide 50,000 MPANs.

Post-M10 Change Management: Programme provided update on SIT Functional Cycle 2, SIT Migration and Settlement Testing – as at end of Sprint 3 and into Sprint 4, contingency planning and Immediate and Tactical Changes to Test Plan.

PSG papers available here.

Design Advisory Group (DAG)

DAG 14 August 2024

Meeting held by correspondence only owing to diminishing content.

Approval of Interface Code of Connections: Decision to approve updates made to the Interface Code of Connections, following endorsement by SDWG. This approval was made by correspondence with no objections received.

DAG papers available here.

Cross Code Advisory Group (CCAG)

CCAG 21 August 2024

In the meeting, the CCAG provided updates on:

SIT Progress and Scenario Planning: Particularly the impact to Code drafting and the expected movement to M8, in line with M10.

Horizon Scanning Log: BSC provided updates on P477. REC provided updates on REC changes. National Grid ESO provided a CUSC update on CMP430.

CDWG Escalations: SRO approve the Code Artefacts to be baselined for M6.

M6 Reporting: M6 Programme status, risks and milestone updates.

M7 Delivery: Ofgem M7 delivery.

M8 Code implementation: Code Bodies update on the M8 Code Implementation/go-live.

September CDWG meetings were cancelled.

CCAG papers available here.

System Integration Testing Advisory Group (SITAG)*

SITAG 21 August 2024

SIT Operational Test Scenarios and Test Cases: SRO approved SIT Operational Test Scenarios and Test Cases Theme 1 (v0.2)

SIT Non-Functional Test Scenarios & Test Cases Theme 3: SITAG provided an update on the deferral of the approval of the SIT Non-Functional Test Scenarios & Test Cases Theme 3 (v0.2).

Programme also provided an update on SIT Progress Management and Extension to SIT Cycle 2 Testing.

SITAG papers available here.

Qualification Advisory Group (QAG)*

QAG 22 August 2024

The following documents were approved by the Chair, acting with delegated authority of the MHHS Senior Responsible Owner (SRO), following endorsement from QWG:

Qualification Approach and Plan

Annex 1 Qualification Approach and Plan

Annex 2 Qualification Approach and Plan

Qualification Assessment Document

Non-SIT LDSO Test Data Plan

Non-SIT LDSO Test Scenarios and Test Cases

Programme also provided an update on SIT Progess and Programme Scenario Planning.

QAG papers available here

Migration & Cutover Advisory Group (MCAG)*

MCAG 25 July 2024

Migration Framework Consultation 2: The Chair, acting with delegated authority of the SRO, approved the Migration Framework Consultation 2 Outputs.

Programme Milestones related to MCAG: The Chair, acting with delegated authority of the SRO, approved Milestone T3-MI-0017, Migration Processes & Procedures, to move from 2 August 2024 to 22 October 2024.

Migration Framework Update: The Programme provided an update on the development of the Migration Framework.

IPA Update: The IPA provided an update on the Consequential Change assurance approach

MCAG papers available here.

Wider Programme Updates

Participant Checklist:

There are a few updates this week, so this week's Participant Checklist includes the following items for Programme participant review, feedback and awareness:
1. REMINDER: Systems Integration Testing (SIT) Non-Functional Test Scenarios & Test Cases Theme 3: Targeted Interfaces uplifted – the deadline is **Friday 30 August 2024**
2. REMINDER: Non-SIT Licensed Distribution System Operator (LDSO) Qualification Testing Readiness Report and Requirements to Test Traceability Matrix (RTTM) Templates – the deadline is **Friday 13 September 2024**
3. REMINDER: Migration Envelopes and Weekly Submission Templates – the deadline is **Wednesday 2 October 2024**
4. REMINDER: Design Interim Release 8.2 Artefacts published
5. NEW! Data Integration Platform (DIP) Simulator Uplift to Interim Release 8.2

You can view the **Participant Checklist** on the respective **Planning pages** of the Collaboration Base and the MHHS website. In the Participant Checklist you can view upcoming consultations and key deliverables, as well as the latest status of Change Requests in the Master Change Request Dashboard tab.

We've created the **Interim Release and Swagger version alignment document** for Systems Integration Testing (SIT) participants. You can view this document on the respective **SIT pages** of the Collaboration Base and MHHS website.

Upcoming Governance Meetings:

- **Thursday 28 August 2024:** Data Cleanse Working Group (DCWG)
- **Wednesday 4 September 2024:** Programme Steering Group (PSG)
- **Wednesday 4 September 2024:** Non-Systems Integration Testing (SIT) Supplier & Agent Qualification Testing Subgroup (SAQTSG)

*SITAG, MCAG, QAG replaced the Testing and Migration Advisory Group (TMAG) in Q1 2024.

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Testing

- The PPC shared the SIT Functional and Migration Post-Sprint 4 report with all Cohort and Central Parties Teams channels. The IPA, Code bodies, Central Parties and PPs were notified.
- The PPC were involved in the planning and coordination of SIT MVC Trial Teams channels, which began on w/c 15 August.
- Themes 1-8 of the SIT Functional Test Scenarios and Cases were uplifted and published.
- The Programme uplifted and published a number of the SIT Non-Functional Test Scenarios and Cases for Theme 3: Targeted Interfaces.
- The PPC has been collating and sharing weekly insights from SIT participants on test execution progress to drive continuous improvement.
- SIT Operational Theme 1: MPRS/LDSO and Business Requirements was approved at SITAG on 21 August.

- **Next Steps:** Continue to support SIT MVC Trial through Sprint 4.1, preparing to report insights back to participating organisations.

Qualification

- The PPC supported the publishing of updated RTTMs, and updated versions of the Qualification Assessment Document (QAD), Qualification Approach & Plan (QA&P), Annex 1 and Annex 2.

- The PPC have supported the Code Bodies with obtaining contact information from participants to support with Qualification activities. We have not received all inputs from participants yet so follow up is underway, in collaboration with the Code Bodies.

- The PPC is tracking progress of non-SIT LDSOs DIP onboarding through weekly status reports. Follow up meetings for participants experiencing issues or delays are being held. From a Qualification Testing perspective, A day in the life document is being developed to support participant experience.

- **Next Steps:** Facilitate and support updates to participant queries regarding Qualification Execution and continued support to Non-SIT LDSOs for the successful completion of DIP Onboarding.
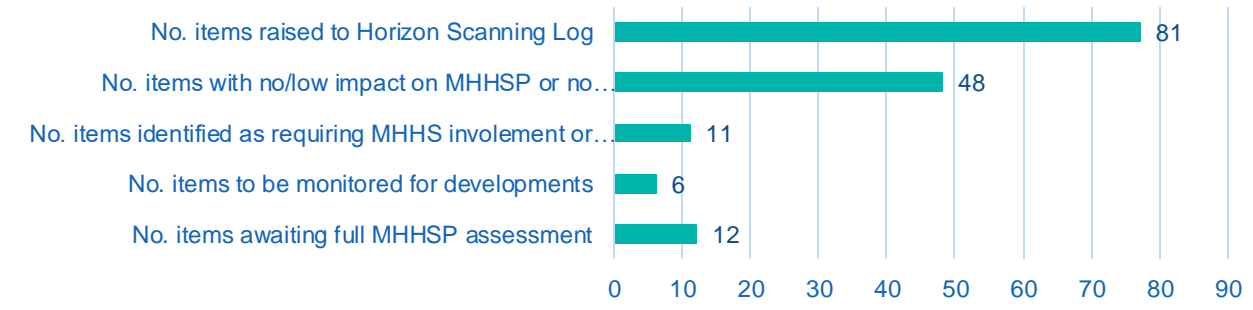
Targeted and Tailored Communications

- PPC agreed on a set of principles which the PPC Mailbox will use for all participant communications. These principles were shared with workstreams mailbox owners to align the comms approach across all Programme mailboxes. SRO, CPT, LDP and PPs were informed of our updated approach via email.
- CRM contact information refresh – the PPC continues to update CRM contact information based on updates received from PPs
- 'Ways of Working' document has been finalised and is being socialised with workstreams through PEM meetings.
- 'On Hold' Change Requests (OHCRs) on the Collaboration Base are now being tracked in the Participant Checklist. These are changes that the Programme has recommended for post-M10 implementation, as they do not meet the Change Freeze criteria, or implementation is not feasible pre-M10.
- **Next steps:** Continue the Phase 3 improvements on the Communication Channels, continued clean-up of the CRM and review of all Collaboration Base and Website pages

Industry horizon scanning: Summarise items monitored via the Cross-Code Advisory Group (CCAG) horizon scanning process

Horizon scanning metrics

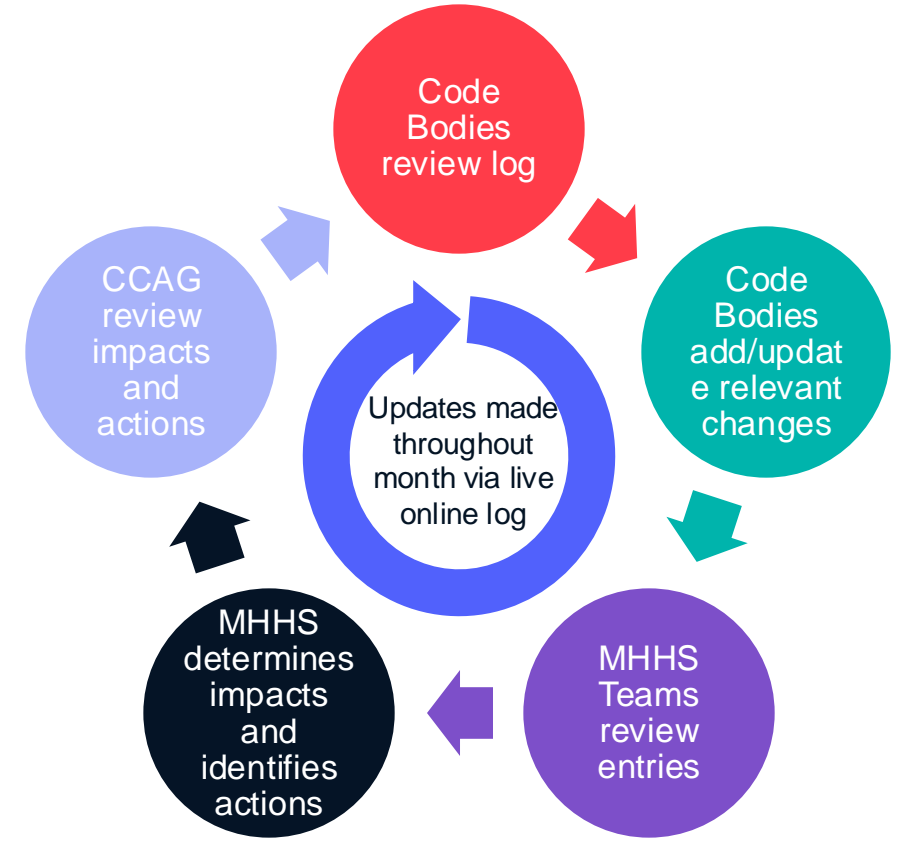The following graph summarises items being monitored via the Programme's horizon scanning process

Metric	Value
No. items raised to Horizon Scanning Log	81
No. items with no/low impact on MHHSP or no…	48
No. items identified as requiring MHHS involement or…	11
No. items to be monitored for developments	6
No. items awaiting full MHHSP assessment	12

More information can be found via the CCAG meeting papers

Direct link: MHHS-DEL387 CCAG Code Change Horizon Scanning Log v1.0

Industry code changes: 81 – REC: 43, BSC: 18, DCUSA: 12, SEC: 5, CUSC: 3
Wider industry changes: 5 – HH opt-out, DUoS SCR, code review, microbusiness definition, licence change
Criticality of horizon scanning items – High: **11**, Medium to High: **3**, Medium: **3**, Low/No impact: **48**
Top RAID linked items:
- **SEC MP162** (R0011, R0083, R0113, R0115, R0116, R051, R0182, R0191, D0076, D0077)
- **REC R0032** (D0068, D0069)   • **REC R0044** (D0055)

Horizon Scanning Process
The CCAG collaborate to populate the Horizon Scanning Log and the Programme undertakes impact assessment of each change. Where a change requires actions by the Programme beyond simple monitoring or initial definition, this is entered into the Programme RAID framework with an appropriate action plan and owner put in place.

Code Bodies review log

Code Bodies add/update relevant changes

MHHS Teams review entries

MHHS determines impacts and identifies actions

CCAG review impacts and actions

Updates made throughout month via live online log

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Dashboard Objective: To provide PSG with a progress update on in-flight and future planned assurance activities.

Assurance Activities in Progress / Completed during month

Theme-Based Assurance

- **Ongoing Embedded Assurance Activities (WP1)** - **In Progress** - Monthly cadence of regular interactions with MHHSP, review of the PPC bilateral reports and RAID log and actions monitoring.

- **Design Documentation (WP4)** - **In Progress** - Continued monitoring of design updates/change requests through attendance at DAG and DRG, and review of supporting documentation.

- **Ad-hoc Assurance and Advice (WP14)** - **In Progress** - Consequential change check-ins are started with a sample of the Programme Participants as part of the Assurance Period 7 activities.

Stage-Based Assurance

- **Assurance Period 7 - 1 July 2024 to 7 October 2024 - In Progress** - Assurance activities include ongoing monitoring and meetings with a sample of Participants, 11 of 15 have been completed (last session booked for 4 September) across the following scope areas:

  - **Test Assurance (WP9-11)** - SIT F and SIT M progress as well as readiness for SIT NFT and SIT Operational;
  - **Qualification (WP12)** - Continued monitoring over preparation activities for Non-SIT LDSO Qualification Testing;
  - **Migration (WP13) -** Continued monitoring over migration preparation and readiness activities, including artefact consultations;
  - **Consequential Change (WP14)** - Understand Participant impact assessments and delivery plans for consequential change.

Upcoming Assurance Activities

- **Assurance Period 8** - includes Testing, Qualification, Migration and Consequential Change assurance. Period 8 will run from October 24 to January 25.

- **WP5 Separation Plan Review** - to assess the operating effectiveness of the controls outlined in the Separation Plan.

Assurance Action Status

Overall,184 actions are agreed with the Programme team or Participants to date.
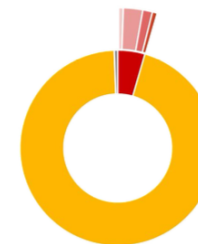
- 169 are **completed**
- 1 is **expired**
- 14 are **in progress,** out of which :

1 is within their due date	4 are overdue by <1 month	2 are overdue by 1-3 months	1 is overdue by >3 months

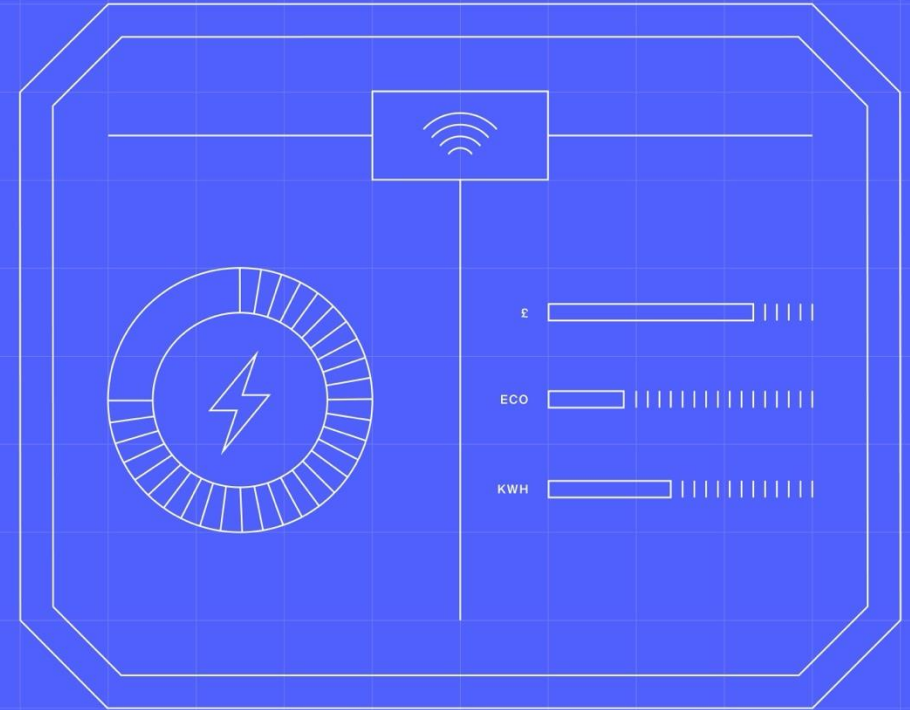Below are the actions opened and completed within the last period.

New actions opened	6
Actions completed	6

Summary and Next Steps

INFORMATION: Summarise actions and decisions.
Look ahead to next meeting

Chair and Secretariat

5 mins

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Summary and Next Steps

1. Confirm actions and decisions from meeting
2. Next PSG meeting: **02 October 2024 10:00 – 12:30**

02 October 2024 agenda items	Standing items
• Programme Change Requests • Change/Design Management post m-10	• Minutes and Actions • Programme Reporting • Delivery Dashboards • Summary and Next Steps

If you would like to propose an agenda item for the PSG, please contact the PMO at PMO@mhhsprogramme.co.uk

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Appendix 1 – RAID Theme Slides

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Theme	Summary	Mitigation Approach Overview
Risks to SIT Functional Execution	The theme explores the factors which may affect the Programme being able to complete SIT Functional within the planned duration	• Continuous monitoring of the MVC (through SIT CIT) to ensure that the MVC remains viable • Maintenance of pairing relationships via go-live cohorts, to enable better programme decisions based on risks / clarity on ways of working that enable SIT parties to work effectively, transparent and fairly with the programme to complete SIT in an optimum way

Key Risks

Risk ID	Risk Description	Risk Score Assessment																														Current score movement since last PSG	Mitigation Plan
		Critical						High								Medium								Low										
		30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1		
R849	There is a risk, raised by some Participants in SITWG, FTIG, SITAG and NFTWG that the delivery of SIT Functional Test execution is more difficult than expected, along with the concurrent SIT Test Stage execution activities, resulting in some Participants under increased pressure to deliver at the pace required.						C						I					T															Score remains at 25	1. Programme has reviewed progress and is continuing to have discussions with IPA 2. Ongoing Bilaterals with PPs to understand resourcing concerns and constraints from their side.
R753	There is a risk that if the MHHS Service Design is not completed at pace, the minimum required service management processes (and supporting technology) will not be ready to test within the SIT Operational testing phase starting in October 2024.						C						I						T														Score remains at 25	1. Helix have agreed to provide Low Level Designs to enable Programme to complete Theme 3, estimated date of Helix to share Designs is 26-July. 2. Helix have assured that they are confidence in their delivery plan to complete SIT Op. Programme have highlighted the need to take an industry perspective when delivering the plan.

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A new RAID item can be raised using the **RAID Log Input Form**   You can view RAID items across the programme using **dPMO Tool**

Key
I	Initial Score
C	Current Score
T	Target Score

Theme	Summary	Mitigation Approach Overview		
Risks to SIT Functional Execution	The theme explores the factors which may affect the Programme being able to complete SIT Functional within the planned duration	• Continuous monitoring of the MVC (through SIT CIT) to ensure that the MVC remains viable • Maintenance of pairing relationships via go-live cohorts, to enable better programme decisions based on risks / clarity on ways of working that enable SIT parties to work effectively, transparent and fairly with the programme to complete SIT in an optimum way		

Key Risks

Risk ID	Risk Description	Risk Score Assessment — Critical / High / Medium / Low	Current score movement since last PSG	Mitigation Plan
		30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1		
I183	There is an issue that Settlement Testing will not complete by SIT F Cycle 2 Sprint 4.	I C (Critical) → T (Medium)	New item	1. Scenario Planning is currently ongoing to account for this issue and how this could impact the commencement of other Testing Phases.
i190	There is an issue that Non-Functional Testing may not start on time due to Settlement Testing not completing in SIT F cycle 2 Sprint 4.	I C (Critical) → T (Medium)	New item	1. Scenario testing across all test phases to assess completion dates and timelines 2. Proposed delay to the IR8.1 Maintenance window to allow for Settlement Testing to progress sufficiently before SIT-B is taken down for use for NFT.

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Key	
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Theme	Summary	Mitigation Approach Overview
SIT Migration Execution	The theme explores the factors that could impact the Programme being complete SIT Migratoin	• Bilaterals have been scheduled to understand the reasons regarding Participants throughput • Discussions with DCC to ensure clarity regarding CSS support for reverse migration activities.

Key Risks

Risk ID	Risk Description	Risk Score Assessment — Critical 30 29 28 27 26 25 / High 24 23 22 21 20 19 18 17 / Medium 16 15 14 13 12 11 10 9 / Low 8 7 6 5 4 3 2 1	Current score movement since last PSG	Mitigation Plan
R946	There is a risk that PPs will not complete SIT Migration in line with current Programme Plan	C (at 24) → T (at 16)	Score remains at 24	1. Testing throughput has been lower than expected, Bilaterals are scheduled with Participants to address over the next two weeks. 2. Scenario testing across all test phases to assess completion dates and timelines (See R930 for further detail) 3. PSG accepted scenario proposals, CR raised to adjust for Programme Milestones.
R922	There is a risk that Cohorts who have not exercised sufficient SIT Functional CoA and CoS Testing will be impaired during the initial weeks of SIT Migration, uncovering Defects that could have been uncovered by earlier SIT Functional Testing	C (at 22) ← I (at 14) → T (at 9)	Score remains at 20	1. Programme to outline overall SIT M execution model, with assumptions to support required velocity of testing, to provide a benchmark for gauging whether future testing progress is on track. 2. Programme to monitor, report progress on incomplete Cycle 1 tests until they have been completed – with adjusting actions being taken collaboratively with Participants. 3. Programme to continue to monitor, report testing progress through SIT M vs. the benchmarked execution model, for gauging whether future testing progress is on track – with adjusting actions being taken collaboratively with Participants. 4. Scenario testing across all test phases to assess completion dates and timelines (See R930 for further detail) 5. PSG accepted scenario proposals, CR raised to adjust for Programme Milestones.

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Document Classification: Restricted

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Risk Theme 3: Risks to SIT Non-Functional and SIT Operational

Theme	Summary	Mitigation Approach Overview
Risks to SIT Non-Functional and SIT Operational	The theme explores the factors which may affect the Programme being able to complete SIT Non-Functional and Operational within the planned duration	• A PIT NFT Tooling questionnaire has been issued to all participants as a means of understanding their current methods of generating, and processing, of IFs and PUBs messages. • Additionally, participants have been asked how they have simulated various routes outside of programme scope but are integral in allowing end to end business processes to be completed.

Key Risks

Risk ID	Risk Description	Risk Score Assessment				Current score movement since last PSG	Mitigation Plan
		Critical	High	Medium	Low		
		30 29 28 27 26 25	24 23 22 21 20 19 18 17	16 15 14 13 12 11 10 9	8 7 6 5 4 3 2 1		
R948	There is a risk that delayed return of PIT readiness documentation from PPs may delay the start of SIT NFT.		C → T			New item	1. SIT Team communicated with PPs on FTIG. PPC have added this risk as an agenda item in Bilaterals.
R911	There is a risk that suppliers/registration services are not going to meet the current Non-Functional Requirements targets		C →		T	New item	1. LDSOs raised CR54 to amend LDSO CRs appropriately. CR54 is currently out for IA and will go to September PSG for approval.

Document Classification: Restricted

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Key	
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Theme	Summary	Mitigation Approach Overview		
Risks to Qualification Success	Code Bodies are accountable for Qualification for all relevant PPs. Industry participants have raised a risk historically that there has been a lack of clarity on the approach and plan to deliver Qualification for non-SIT LDSOs, Suppliers and Agents.	• CR 47 and 48 have been approved by programme governance. This includes some additional milestones to support participant planning. CR 47 and 48 now embodied in Programme Plan which has highlighted R900 risk to M10 (in later slide). • Ongoing collaboration between MHHSP and Code Bodies and industry to develop and approve Qualification material through QWG & QAG. • Wave allocation has been confirmed and Code Bodies are reviewing placing reliance		

Key Risks

Risk/Issue ID	Risk Description	Risk Score Assessment				Current score movement since last PSG	Mitigation Plan
		Critical	High	Medium	Low		
		30 29 28 27 26 25	24 23 22 21 20 19 18 17	16 15 14 13 12 11 10 9	8 7 6 5 4 3 2 1		
R532	There is a risk that SIT participants will need to execute additional Qualification Testing to qualify			C → I → T		Score reduced from 18 to 15	1. The Programme is currently analysing the potential test gaps highlighted by Code Bodies to date and are expecting to complete this w/e 13th July (with the identification of any potential new SIT scripts or PIT evidence requirements) 2. ***Reason for score reduction:*** Analysis found 23 test scripts needed to be added, will undergo the script uplift process and absorbed into SITF. Test Scripts are scheduled to be complete on 30-Aug-24.

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Theme	Summary	Mitigation Approach Overview
Commencing and completing Migration successfully	The theme explores the factors which may affect the Programme meeting M10 / M11 and completing Migration and how the Programme is planning to mitigate these to stop these risks from converting into issues	• Some of the existing risk factors around M10 / M11 will be mitigated by the findings throughout SIT Testing, which will evaluate assumptions, highlight to the Programme the areas which require attention and allow the Programme enough time to make the changes necessary for M10 / M11 success • The Migration Design, the Migration Cutover & Data Strategy, the Data Cleanse Plan, the Migration Thresholds Document and ongoing Code Drafting will provide Participants necessary materials to prepare for M10 / M11

Key Risks

Risk ID	Risk Description	Risk Score Assessment				Current score movement since last PSG	Mitigation Plan
		Critical	High	Medium	Low		
		30 29 28 27 26 25	24 23 22 21 20 19 18 17	16 15 14 13 12 11 10 9	8 7 6 5 4 3 2 1		
R700	There is a risk that Suppliers and Agents do not complete Qualification in line with their delivery plans and this places pressure on the volumes that needs to be delivered over the remainder of the migration period			C(16) I(15) → T(9)		Score remains at 17	1. Engagement with Suppliers and Agents to ensure they build a Qualification delivery plan that is achievable, and that they remain on track to deliver this plan. 2. Increased flexibility from Code Bodies in wave qualification. 3. Close liaison and reporting required from Qualification team to the Migration Control Centre.
R828	There is a risk that Suppliers initiate more migrations than planned, or exceed the Threshold volumes			C(15) ← I(13) → T(7)		Score remains at 18	1. Mitigations to be agreed as part of Consultation 2 of the Migration Framework. Exploring regulatory mechanisms that deal with scenarios where participants breach agreed system thresholds.

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Key	
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T	Target Score

Theme	Summary	Mitigation Approach Overview
Early Life Risks	This theme explores risks during the period immediately following the go-live of the MHHS arrangements(M10) and during the early stages of the MHHS Migration period (post M11/M12).	• Early Life Support Model is being developed. This will set out the ramp up criteria that will need to be met for the number of migrations to be increased. • Programme to monitor and assure progress by participants vs the Data Cleanse Plan through the DCWG

Key Risks

Risk ID	Risk Description	Critical / High / Medium / Low (Risk Score Assessment)																												Current score movement since last PSG	Mitigation Plan
		30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1		
R745	There is a risk that Post M11, migration is ramped up too quickly before performance has indicated the number of migrations can be ramped up.														C→T																		Score remains at 17	1. Early Life Support Model is being developed. This will set out the ramp up criteria that will need to be met for the number of migrations to be increased. 2. Migration Team are currently considering incentives related to the Migration period.

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Thank you

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