MHHS PROGRAMME

Programme Steering Group #37.2
18 October 2024

Agenda

| #	Item	Objective	Type	Lead(s)	Time	Page
1	**Welcome**		-	Chair	14:00-14:05 *5 mins*	1
2	**CR056 Decision**	SRO Decision to approve CR056	Decision	Programme (Roisin Quinn)	*14:05-14:15* *10 mins*	3
2	**CR055 Impact Assessment Analysis**	Programme to provide analysis of CR055 Impact Assessment	Information	Programme (Roisin Quinn)	*14:15-14:25* *10 mins*	8
3	**CR055 Programme Action Following the IA**	Programme to outline next steps for CR055	Discussion	Programme (Lewis Hall)	*14:25-14:45* *20 mins*	16
4	**IPA Report**	Opportunity to discuss '*Re-calibrated Plan Review (CR055) IPA Report*'	Discussion	IPA	*14:45-14:50* *5 mins*	24
5	**CR055 Recommendation**	SRO Decision to Recommend CR055 to Ofgem	Decision	Programme (Roisin Quinn)	*14:50-14:55* *5 mins*	25
6	**Summary and Next Steps**	Summarise decisions and look ahead to next meeting	Information	Chair	*14:55-15:00* *5 mins*	29

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Document Classification: Public

CR056

DECISION: SRO Decision to approve CR056

Programme (Róisín Quinn)
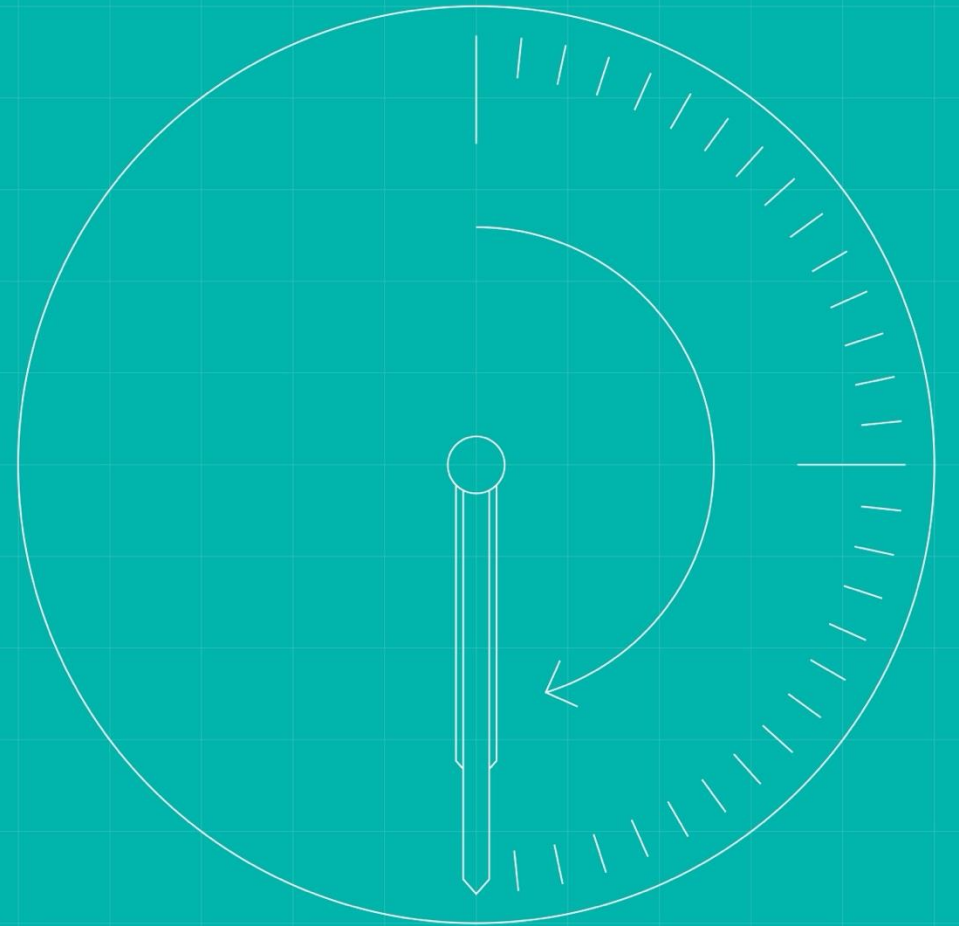
10 mins

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CR056 – Impact Assessment Summary

Objective:

Programme Steering Group to review the outputs of the issued CR056 Impact Assessments and decide to approve or reject the Change Request.

Headlines:

- Overall: **23 respondents supported the change; 0 respondents rejected the change; and 3 respondents abstained.**
- **Those who supported the implementation of the Change Request did so on the following basis:**
  - There is broad support for CR056 as it addresses critical issues with the CSS Adaptor multithreading that could impact agent appointments, settlements, and consumer billing. Implementing this change is seen as essential to prevent significant problems and ensure the success of the Programme.
  - Implementing CR056 before M10 helps prevent the need for extensive manual corrections and reprocessing of MPAN migrations. This reduces the operational burden on industry parties, allowing them to focus on other critical tasks and improving overall efficiency in the migration process.
- **The respondents who abstained the implementation of the Change Request gave the following reason:**
  - Either there was no impact on the party, or the party requested amendments to code documents
- **Implementation:**
  - If the change is approved, a minor amendment to the ERDS Service Definition MHHS redlining will be required.

Recommendation:

- The Change Board advises the SRO to **approve** CR056.
- **Rationale:** 0 respondents rejected the Change Request. Those who abstained did so because the changes do not impact them. Implementing this change is seen as essential to prevent significant problems with the CSS Adaptor multithreading that could impact agent appointments, settlements, and consumer billing.

CR056 – Submitted Impact Assessments

Programme Parties	CR056 Recommendations			
	Agree	Disagree	Abstain	No Reply
Large Supplier	4	0	0	1
Medium Supplier	1	0	0	4
Small Supplier	2	0	0	10
I&C Supplier	3	0	0	52
DNO	5	0	0	1
iDNO	0	0	0	20
Independent Agent	0	0	0	16
Supplier Agent	1	0	0	5
Software Provider	3	0	1	16
REC Code Manager	1	0	0	0
National Grid ESO	1	0	0	0
Consumer	0	0	0	1
Elexon	0	0	1	0
DCC	1	0	0	0
SRO / IM & LDP	1	0	0	0
IPA	0	0	1	0
Avanade	0	0	0	1
Totals	**23**	**0**	**3**	**127**

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 and Elexon abstained from providing a recommendation as they are not impacted by the proposed changes.
- St Clements abstained as they requested amendments to be made to the CR.

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CR056 Impacts – Views on the proposed approach (Page 1)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR056)
Large Suppliers	+ All 5 large suppliers supported the implementation of the Change Request, citing that there is little or no impact on them.
Medium Suppliers	+ The one responding Medium Supplier supported the implementation of the Change Request.
Small Suppliers	+ The two responding Small Suppliers supported the implementation of the Change Request. + They suggest that if this change is not implemented before M10, a proportion of agent appointments made for both MHHS Migration and BAU purposes will fail. + They believe that the potential impact on the M15 milestone in particular, justifies this change being considered within the change freeze.
I&C	+ The three responding I&C suppliers supported the implementation of the Change Request.
DNO	+ All five DNOs supported the implementation of the Change Request. • Implementing CR056 will require additional resources from service providers to develop and test functionality. There is a risk that the gap analysis sprint may not have sufficient capacity to absorb this work, potentially affecting other programme milestones. • Ensuring accurate data for agent appointments is crucial to avoid misalignment across industry parties. The change should ideally be implemented before M10 to mitigate risks to the M15 milestone. • The consequential changes to code documents should be updated to reflect the correct requirements for CSS messages. This includes issuing a single message per MPAN and ensuring CSS synchronisation updates are handled correctly to avoid operational impacts.
iDNO	• No iDNO responses were received.
Supplier Agents	+ The one responding Supplier Agent supported the implementation of the Change Request.
DCC	+ DCC support the approval of this change, as it will prevent potentially significant issues resulting from the inaccurate appointment of MDR's, and significant increases in volumes of messages, whilst protecting the delivery of the M15 milestone. + The proposed change which will result in a single CSS00200 message being sent from ERDS/Registration Service to CSS containing both the MDR and MS Appointments has a number of significant advantages for DSP. + Receiving both MDR and MS Appointments in a single message will: + Remove the risk that these appointments are received and processed in the incorrect order. If single Agent Appointments are processed in the incorrect order, this may result in the DSP incorrectly applying Role Based Access Control, thus, preventing Agents from communicating with meters to which they have been legitimately appointed. + Halve the number of Appointment messages that the DSP will be required to process during the Agent Appointment window, thus significantly reducing the resources required to do this and supporting the DSP in the requirement to manage the peak-of-peak 350,000 MPAN daily migration. + These benefits assume that the single CSS00200 message results in an equivalent single message being sent to from CSS to DSP.

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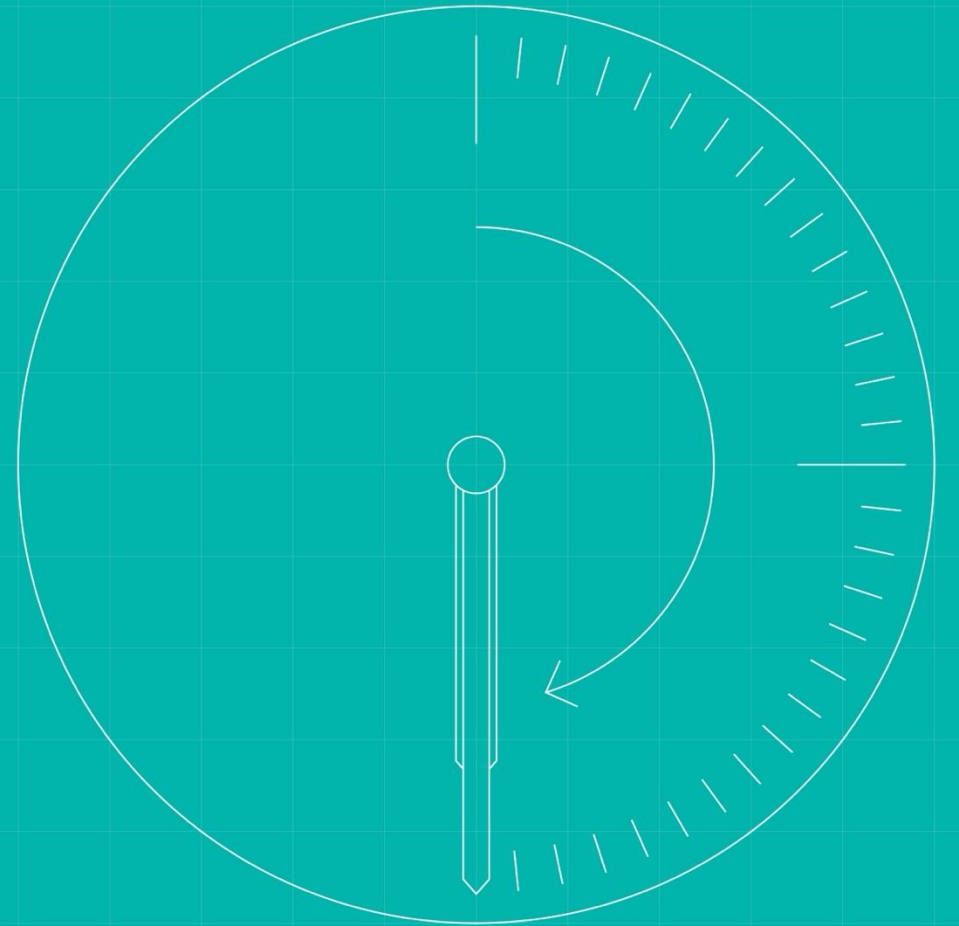# CR056 Impacts – Views on the proposed approach (Page 2)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR056)
S/W Providers	+ Of the four responding Software Providers, three supported the implementation of the Change Request and one abstained. + 2 out of 4 Software Providers have highlighted that if this Change is not approved prior to M10, a proportion of agent appointments made for both MHH Migration and BAU purposes will fail. + Another Software Provider highlighted that without this change the quality of settlements will be negatively impacted as sites previously reporting actual data could now be submitting estimated data to settlements lower than the quality of settlements and having the opposite outcome to that which MHHS is aiming to achieve. • One Software Provider abstained due to and referenced several changes that they believe need to be made to the CR. They highlight that 'The consequential changes to code documents references Registration Service sending a single C0200 file,' needs to be corrected. – Update to Section 7.0 'Out of Hours Processing' CSS Messages. Requirement to be updated to 'Required to be issued as a single file in the Secured Active Processing window on all Calendar Days." The Software Provider who abstained claimed this is incorrect and should instead reference a single message per MPAN. – The Software Provider added that, in order to capture all agent appointment changes MPRS would also need to issue CSS synchronisation updates for MDR/MS changes at the end of the Overnight batch. These could be as a result of auto-realignment or late receipt of messages from Suppliers.
REC Code Manager	+ As proposer, RECCo are supportive of the implementation of the Change Request. + The Change would have a minor impact on RECCo as an organisation, but a significant impact in mitigating risk through the migration period. • Should the change be approved, a minor amendment to the ERDS Service Definition MHHS redlining will be required.
National Grid ESO	• National Grid ESO are supportive of the implementation of the Change Request and recognise that this change would remove a risk that could impact the quality of settlement data. However, they abstained on commenting on the detail.
Consumer	• No Consumer responses were received.
Elexon (Helix)	• Elexon abstained from providing a recommendation as the change does not impact their activities.
SRO / IM & LDP	+ The Programme are supportive of the implementation of the Change Request, due to the impact to industry (including DCC) and lack of alternative solutions to resolve the issue.
IPA	• The IPA abstained from providing a recommendation as the change.
Avanade	• Avanade did not respond.

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CR055 Impact Assessment and Analysis

Information: Programme to provide analysis of CR055 IA

Programme (Róisín Quinn)

10 mins

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CR055 – Getting from IA to PSG recommendation
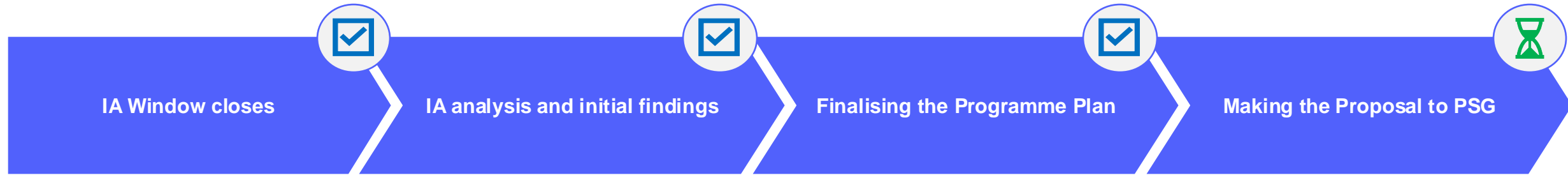
IA Window closes	IA analysis and initial findings	Finalising the Programme Plan	Making the Proposal to PSG
04 Oct 2024	*07 – 11 Oct*	*14 – 16 Oct*	*16 – 18 Oct*

IA Window closes

- ✓ 10 working day Impact Assessment window closes at 17:00 on 04-Oct-24.
- ✓ Initial review of quantitative responses.

IA analysis and initial findings

- ✓ Review detail of individual IA responses.
- ✓ Identify emerging themes.
- ✓ Review risks and any recommendations received from PPs.
- ✓ Assess findings against the Programme Plan.
- ✓ Quantify any impact on current CR055 proposed plan.
- ✓ Review impacts with Ofgem and IPA.
- ✓ Agree updates to Programme Plan.

Finalising the Programme Plan

- ✓ Incorporate updates into v6.1 of Programme Plan and prepare to publish.
- ✓ Final review and QA of Programme Plan.
- ✓ Change Board sits (15-Oct-24).
- ✓ Agree recommendation for PSG.

Making the Proposal to PSG

- ✓ Issue papers for PSG (16-Oct-24).
- ✓ Present proposal at pre-PSG webinar (16-Oct-24).
- • PSG sits (18-Oct-24).
- • Agree recommendation for Ofgem.
- • Interim baseline plan in place.
- • PSG recommendation to Ofgem.

FTIG engagement: *clarify next steps*

FTIG engagement: *provide early insight into emerging themes*

FTIG engagement: *overview of PSG proposal*

CR055 Impact Assessment Report & Recommendations
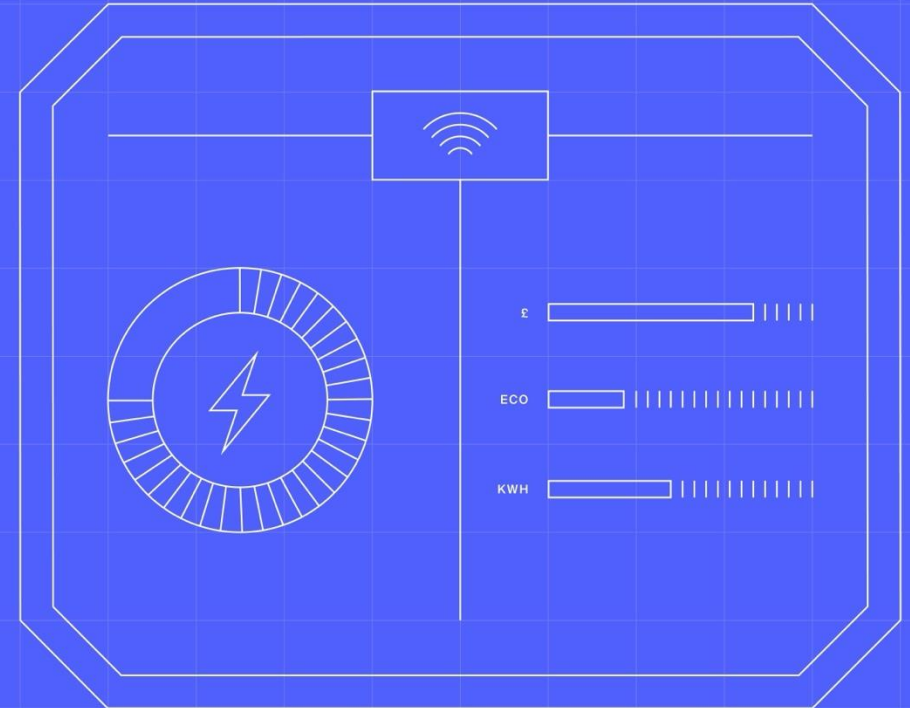
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CR055 – Impact Assessment Summary

Objective:

Programme Steering Group to review the outputs of the issued CR055 Impact Assessments and decide on recommendation to Ofgem on whether to approve or reject the Change Request

Headlines:

- Overall: **53 respondents supported the change; 4 respondents rejected the change; and 2 respondents abstained.**
- **Those who supported the implementation of the Change Request did so on the following basis:**
  - Recognition of SIT is moving slowly, so timelines need to be extended. The change will allow more comprehensive testing to take place which will help identify and address operational issues.
  - c.25% of participant responses called out concerns over the amount of clear 'in-built' contingency within the SIT timelines, with concern that the timelines could slip if significant issues are found in SIT cycle 3.
  - Despite the increase in costs, the proposed change to the Programme delivery schedule is sufficient and balances delivery, risk and the need to deliver Programme outcomes.
- **The respondents who rejected the implementation of the Change Request gave the following reasons:**
  - Two responded stating the proposed timelines are insufficient, requiring more time, which increase the risk of a further plan recalibration
  - Two responded that the proposed extension isn't required, and baseline timelines can be met
- **Implementation:**
  - If the change is approved, implementation will require updates to SIT Programme, Qualification timelines and M10 date.

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CR055 – Submitted Impact Assessments

Programme Parties	CR055 Recommendations			
	Agree	Disagree	Abstain	No Reply
Large Supplier	5	0	0	0
Medium Supplier	2	1	0	2
Small Supplier	6	0	0	6
I&C Supplier	9	1	0	45
DNO	5	0	1	0
iDNO	6	0	0	14
Independent Agent	11	0	0	5
Supplier Agent	0	0	0	6
Software Provider	4	1	0	15
REC Code Manager	1	0	0	0
National Grid ESO	1	0	0	0
Consumer	0	0	0	1
Elexon	0	1	0	0
DCC	1	0	0	0
SRO / IM & LDP	1	0	0	0
IPA	0	0	1	0
Avanade	1	0	0	0
Totals	**53**	**4**	**2**	**94**

Notes:

All but 1 SIT participant responded to CR055

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 abstained from commenting as they will provide a separate report to PSG and Ofgem.
- One DNO was supportive of the change but abstained due to cost implications.
- One Medium Supplier and one Software Provider disagreed due to financial, reputational and environmental impacts.
- One I&C Supplier agrees that a delay is necessary, but disagreed overall and suggested that it would be prudent to factor in an additional extension of two months to each of the Qualification testing waves.
- Elexon disagreed due to the overriding risk of critical resources being unavailable during August 2025 (the proposed M10 date in CR055).

CR055 Impacts – Views on the proposed approach (Page 1)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR055)
Large Suppliers	+ All 5 large suppliers support the implementation of the Change Request. + The delay, while postponing benefits, is crucial for ensuring the integrity and reliability of MHHS systems. Comprehensive testing is necessary to identify and address operational issues before they affect consumers. − 1 large supplier acknowledges that a delay to SIT is required but feels that a 5-month delay is not necessary, and 3 months would suffice. − There are concerns about resource capacity within the central programme, especially during the summer break, and the lack of contingency in the Qualification timelines. − 2 out of the 5 large suppliers have suggested the Programme would benefit from deploying contingency from the M10 milestone to mitigate risks of slippage in SIT Functional and Migration execution, and to manage the complexity of upcoming testing phases.
Medium Suppliers	• 2 out of 3 medium suppliers support the implementation of the Change Request, one disagrees. • 1 medium supplier that supports the change, suggests the delay should be for 8 months as opposed to 5 months. • 2 out of 3 medium suppliers have also requested further contingency measures. − One supplier disagrees to the proposed timeline changes as they will have significant financial, opportunity, reputational and environmental impact above and beyond what would be required in order for industry to adhere to CR022 and the current MHHS Programme plan. They suggest an M10 date of June 2025 should be adhered to.
Small Suppliers	+ All 6 small suppliers support the implementation of the Change Request.
I&C	+ 9 out of 10 I&Cs support the implementation of the Change Request. • Suggestion that close monitoring of the programme RAID and assurances of adequate contingency are necessary to avoid further replanning. − The 1 I&C that did not support the CR agrees that a delay is necessary but suggested that it would be prudent to factor in an additional extension of two months to each of the Qualification testing waves to revert it back to its original duration, which would mean a further delay of two months to the dates set out in CR055 for milestones. − Further suggestion from several I&C's that timescales for Qualification testing need to be reconsidered.
DNO	+ 5 out of 6 DNOs support the implementation of the Change Request, one abstained. • 1 DNO abstained due to the cost impacts on the organisation, however they appreciated the need for the milestones to be updated to reflect current progress − Most DNOs recognise that the recalibrated plan is more realistic than the CR22 plan. However, there is still a high degree of parallelisation in the plan post-Christmas that remains a risk. Several DNOs again highlight the lack of any additional contingency. − 1 DNO also highlighted that there is a risk that changes captured as DINs (rather than CRs) could lead to further impacts on third-party providers and programme participants, necessitating a further potential recalibration of the plan.

CR055 Impacts – Views on the proposed approach (Page 2)

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR055)
iDNO	+ All 6 iDNOs support the implementation of the Change Request. + iDNOs recognise that the benefit of incurring a delay outweighs the risk of being unable to deliver the Programme under current timelines. − iDNOs again highlight the same risks related to insufficient contingency, as well as the risk of DINs being raised instead of CRs
Independent Agents	+ All 11 Independent Agents support the implementation of the Change Request, despite acknowledging additional costs due to resourcing and delays from retiring legacy systems. − There are concerns about the velocity of MVCs, with one not meeting the required pace.
S/W Providers	• 4 out of 5 Software Providers support the implementation of the Change Request, one disagrees (Kraken – pending new entrant under the SDS/ADS roles also disagree). + Those who agree state that the new proposed schedule provides more realistic timescales to achieve the required outcomes with a higher level of quality. − 1 Software Provider disagrees with the proposed timeline changes as they will have significant financial, opportunity, reputational and environmental impact above and beyond what would be required in order for industry to adhere to CR022 and the current MHHS Programme plan. They suggest an M10 date of June 2025 should be adhered to. − 1 highlighted that DINs are published outside of the CR process with little to no opportunity for participants to impact assess and respond to the programme with effort, impacts to plan etc... They suggest it is a good opportunity to review the DIN process to ensure that participants have an input to avoid issues in SIT.
REC Code Manager	• RECCo supports the recommendation that CR055 is approved on the basis of the information provided with this CR, RECCo's own analysis, that the proposed changes to the Qualification timescales (jointly provided by RECCo and Elexon) are accepted, that the proposed three-month contingency is reduced and on the basis that the Programme is confident that it has in place a robust delivery plan, which is supported by SIT Parties and Non-SIT LDSOs and it has in place a robust risk mitigation approach. • RECCo further recommend that the Programme considers adjusting M10 to the beginning of September 2025 to allow additional contingency for SIT.
National Grid ESO	+ National Grid ESO are supportive of the implementation of the Change Request.
Consumer	• No Consumer responses were received.
Elexon (Helix)	− Elexon rejected the implementation of the Change Request. − The Helix position is that there is an overriding Risk that has not been properly considered relating to the proposed M10 Go live being scheduled at the time when critical resources are least likely to be available. This risk is significant enough that it should be avoided by re-planning M10 outside of this period of constraint. − Elexon also perceive a high risk of SIT Settlement extending beyond the proposed CR055 delivery dates. The maintenance window between SIT Cycle 3 and SIT Regression has been constrained to 15 days which will not allow time for both a necessary code uplift (11.6) and data load.

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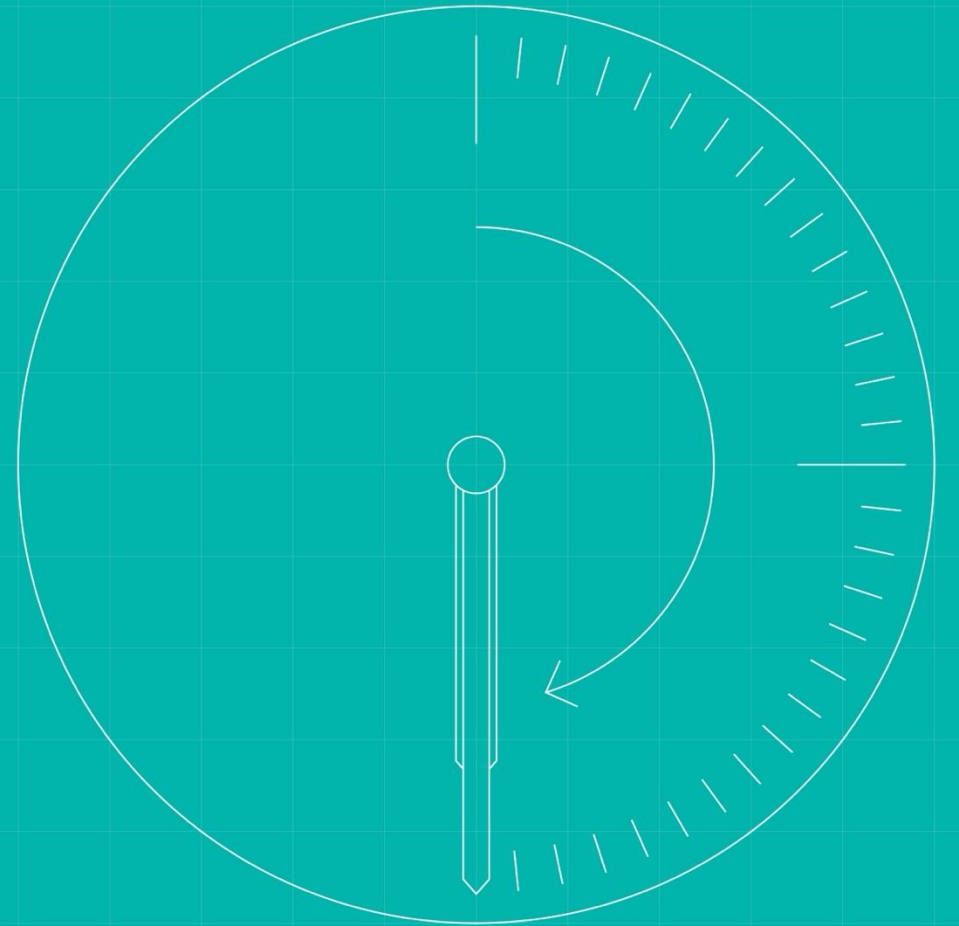Industry-led, Elexon facilitated

Programme Parties	Range of respondents' views on benefits and concerns (related to the approach in CR055)
SRO / IM & LDP	+ The Programme are supportive of the implementation of the Change Request, however, disagree with the Schedule and Risk areas. • Since publishing CR055, the Programme recognises that items have come to light since, which significantly increase the risk of delivering to the schedule set out in the CR055 plan. • The Programme note additional contingency will be required to support the increased risk profile. The Programme believe these changes will have increased cost and resource implications. However, without approval of CR055, testing will be nowhere near complete for the MHHS Programme, and it is very likely that operational MHHS arrangements will not work.
IPA	• The IPA abstained from providing a recommendation and will provide a separate report to PSG and Ofgem to provide observations and recommendations in relation to the re-calibrated plan proposed in CR055.
Avanade	+ Avanade are supportive of the implementation of the Change Request. • Avanade would welcome further engagement on a bilateral basis to ensure there is appropriate mitigation in place. • Avanade highlighted the limited capability during the Christmas period, and the complexity of defect triage and remediation. – Significant risks include Settlement Testing, Service Management Design, and SIT Velocity. There is concern about the lack of specific regression testing following multiple design and defect fix releases, which could lead to a higher number of defects during the formal regression cycle. – Additional risks highlighted include potential design changes to the DIP, the impact of IR8.4, and the need for comprehensive testing cycles. Mitigation strategies involve early publication of scope, formal impact assessments, and ensuring adequate contingency in the schedule. – Avanade also point out that there is limited explicit schedule contingency within the CR055 plan. The complexity of the DIP solution requires additional capacity for SIT & UIT support to handle new changes and issue resolution. Ensuring sufficient resources and planning for potential technical refresh activities are crucial.
DCC	+ DCC understands that the progress of Systems Integration Testing (SIT) has been slower than forecasted within the current Programme Plan, and therefore, supports the implementation of the Change Request.

CR055 – Programme action following the IA

Discussion: Programme to outline next steps for CR055
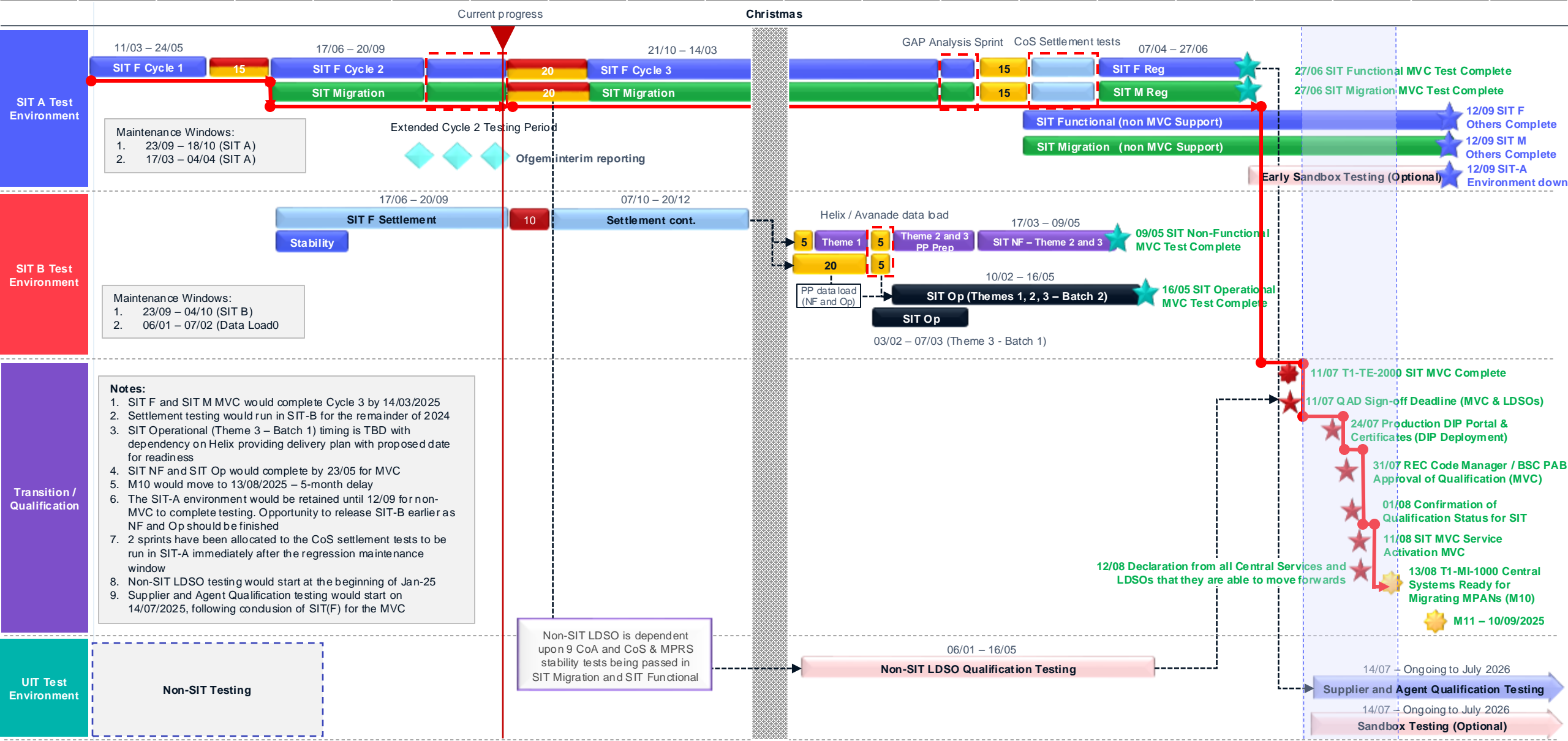
Programme (Lewis Hall)

15 mins

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Proposed M10 timeline + critical path as per CR055

CR055 – Themes from the Impact Assessment and next steps

Theme	Further detail	Proposed action
Support for the extended timeline	• There was significant support for the Programme's proposal of a 5-month delay to M10 to enable more time to complete SIT. • A total of 53/59 participants responded with their approval of the timelines outlined in CR055 – this is a 90% approval rate • Of this,14 participants responded with approval; however, highlighted caveats with their approval. • 4/59 participants disagreed with CR055, and 2/59 abstained from CR055.	No action required.
In-built contingency	• c.25% of participant responses called out concerns over the amount of clear 'in-built' contingency within the SIT timelines, with concern that the timelines could slip if significant issues are found in SIT cycle 3. • There was concern highlighted by several participants regarding future design changes and how this would be absorbed into timelines if needed. • Several responses raised uncertainty around the scope of regression testing and whether 7 weeks is sufficient. • There remains risk associated with the timelines for Settlement testing, and this was called out in the Programme's IA response.	The Programme is proposing to add in 2 additional 'contingency sprints', totaling 4-weeks.
Increasing risk profile	• Since the publication of CR055 timeline, CR056 has been raised and IR8.4 published. The associated development and test activities use some of the in-built contingency in the current timeline, reducing the overall contingency and increasing the plan's risk profile – the Programme itself acknowledged this in its own IA response. • The completion of the RTTM gap analysis has identified an additional set of test cases that need to be incorporated into scope. • St Clements timelines for IR8.4 implementation are still TBD, and this could have implications for test timelines.	The Programme is proposing to add in 1 additional 2-week sprint, on top of the Gap Analysis sprint to incorporate IR8.4, RTTM and CR056 activities into delivery. M10 checkpoint added 6-months out from M10 to review delivery status
Qualification windows	• The delay to M10, and subsequent delay to the start of Qualification means that more participants are likely to be ready to commence qualification activities earlier in the Qualification window. • Several programme participants asked if they could be moved to an earlier qualification wave, or if the earlier waves could be front-loaded to allow for more participants to commercial qualification sooner.	The current position regarding qualification is being addressed by Code Bodies outside of the scope of CR055.
August "Go-Live" date	• There were 5 Programme Participants who signaled that the prospective August date for M10 would be problematic due to a large volume of holiday forecast across MHHS delivery teams. • It was felt that a September date would mitigate against critical absences across key personnel.	This was not actively considered in any timeline changes and has no implication on CR055 timelines

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Proposed M10 timeline + critical path (post- CR055 Impact Assessment)

2024: Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec
2025: Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec

Current progress

Christmas

SIT A Test Environment

11/03 – 24/05 — SIT F Cycle 1 | 15 | 17/06 – 20/09 — SIT F Cycle 2 | 20 | 21/10 – 28/02 — SIT F Cycle 3

SIT Migration | 20 | SIT Migration

GAP Analysis, CR056, IR8.4: 03/03 – 28/03

CoS Settlement tests 19/05 – 13/06

16/06 – 08/08

15 — SIT F Reg
15 — SIT M Reg

★ 08/08 SIT Functional MVC Test Complete
★ 08/08 SIT Migration MVC Test Complete

Maintenance Windows:
1. 23/09 – 18/10 (SIT A)
2. 28/04 – 16/05 (SIT A)

Extended Cycle 2 Testing Period

Ofgem interim reporting

M10 decision checkpoint

Contingency: 31/03 - 25/04

Additional 6 weeks added to the timeline, covering:
- Gap analysis, CR056 and IR8.4
- 2 contingency sprints

SIT Functional (non MVC Support
SIT Migration (non MVC Support

★ 24/10 SIT F Others Complete
★ 24/10 SIT M Others Complete
★ 24/10 SIT-A Environment down

Early Sandbox Testing (Optional)

SIT B Test Environment

17/06 – 20/09 — SIT F Settlement | 10 | 07/10 – 20/12 — Settlement cont.

Stability

Helix / Avanade data load

5 | Th1 | 5 | Theme 2 and 3 PP Prep | 17/03 – 09/05 SIT NF – Theme 2 and 3

★ 09/05 SIT Non-Functional MVC Test Complete

20 | 5

PP data load (NF and Op)

10/02 – 16/05 — SIT Op (Themes 1, 2, 3 – Batch 2)

SIT Op

03/02 – 07/03 (Theme 3 - Batch 1)

★ 16/05 SIT Operational MVC Test Complete

Maintenance Windows:
1. 23/09 – 04/10 (SIT B)
2. 06/01 – 07/02 (Data Load)

Transition / Qualification

Notes:
1. SIT F and SIT M MVC would complete Cycle 3 (incl. CR056 and gap analysis scope) by 28/03/2025
2. An additional 2 sprints of contingency have been added to the plan, which could extend cycle 3 to 25/04/2025
3. Settlement testing would run in SIT-B for the remainder of 2024
4. SIT Operational (Theme 3 – Batch 1) would commence on 03/02/2025
5. SIT NF and SIT Op would complete by 16/05 for MVC
6. M10 would move to 24/09/2025 – 6.5-month delay
7. The SIT-A environment would be retained until 24/10/2025 for non-MVC to complete testing. Opportunity to release SIT-B earlier as NF and Op should be finished
8. 2 sprints have been allocated to the CoS settlement tests to be run in SIT-A immediately after the regression maintenance window
9. Non-SIT LDSO testing would start at the beginning of Jan-25
10. Supplier and Agent Qualification testing would start on 25/08/2025, following conclusion of SIT(F) for the MVC

★ 22/08 T1-TE-2000 SIT MVC Complete
★ 22/08 QAD Sign-off Deadline (MVC & LDSOs)
★ 04/09 Production DIP Portal & Certificates (DIP Deployment)
★ 11/09 REC Code Manager / BSC PAB Approval of Qualification (MVC)
★ 12/09 Confirmation of Qualification Status for SIT
★ 22/09 SIT MVC Service Activation MVC

23/09 Declaration from all Central Services and LDSOs that they are able to move forwards

★ 24/09 T1-MI-1000 Central Systems Ready for Migrating MPANs (M10)
★ 22/10 M11/M12

UIT Test Environment

Non-SIT Testing

Non-SIT LDSO is dependent upon 9 CoA and CoS & MPRS stability tests being passed in SIT Migration and SIT Functional

06/01 – 16/05 — Non-SIT LDSO Qualification Testing

25/08 – Ongoing to Aug 2026 — Supplier & Agent Qualification Testing

25/08 – Ongoing to Aug 2026 — Sandbox Testing (Optional)

Key
- Maintenance window
- Data load only
- Parallel code uplift & data load
- Additional sprints
- Critical path
- Key dependency
- Ofgem Interim Reports

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19

Assumed test execution model for MVC and Non-MVC

We have plotted our own MVC execution model using data from previous sprints and the individual submissions provided by each SIT cohort

MVC - SIT Execution Model (Functional (excl. Settlement) & Migration)
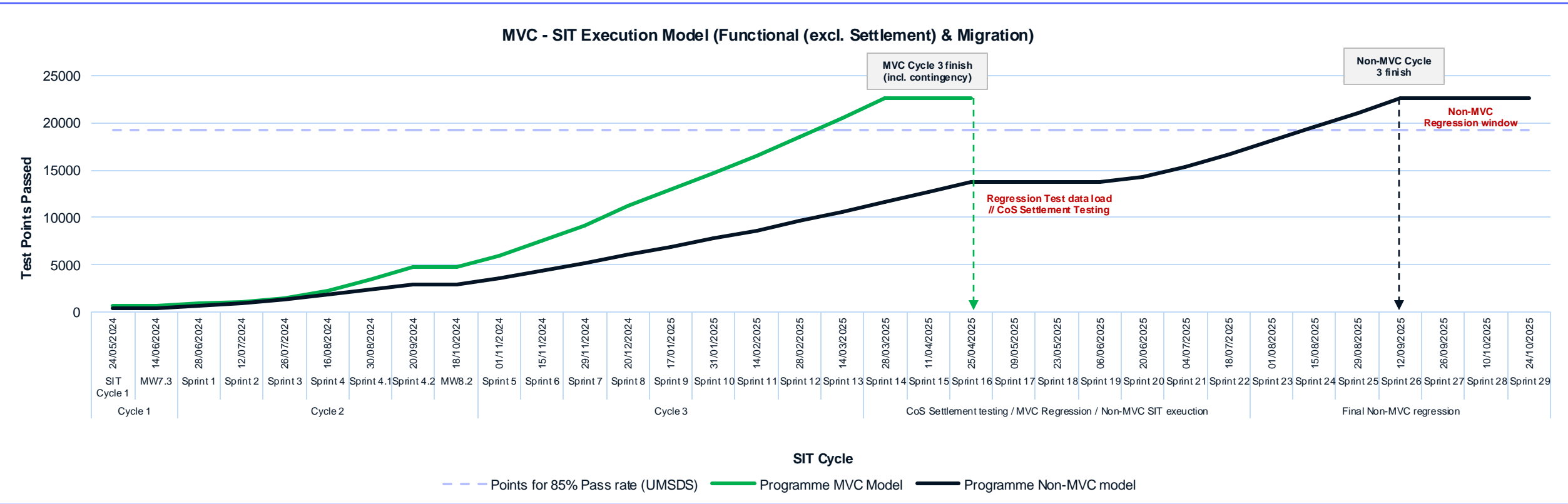
Sprint #	Sprint 5	Sprint 6	Sprint 7	Sprint 8	Sprint 9	Sprint 10	Sprint 11	Sprint 12	Sprint 13	Sprint 14	Sprint 15	Sprint 16	Sprint 17	Sprint 18	Sprint 19	Sprint 20	Sprint 21	Sprint 22	Sprint 23	Sprint 24	Sprint 25	Sprint 26	Sprint 27	Sprint 28	Sprint 29
Date (w/e)	01/11/25	15/11/25	29/11/25	20/12/25	17/01/25	31/01/25	14/02/25	28/02/25	14/03/25	28/03/25	11/04/25	25/04/25	09/05/25	23/05/25	06/06/25	20/06/25	04/07/25	18/07/25	01/08/25	15/08/25	29/08/25	12/09/25	26/09/25	10/10/25	24/10/25
MVC (points per sprint)	1300	1500	1600	2200	1600	1750	1900	1950	2000	2100	-	-													
Non-MVC (points per sprint)	600	750	800	1000	800	850	900	950	1000	1000	1100	1100	-	-	-	500	1100	1300	1400	1400	1500	1600	-	-	-

Summary of T1 milestone changes which will be submitted as part of CR55

ID	Milestone	Milestone Title	Baseline Date	Proposed Date	Choreography	Reason for change
T1-TE-2000	**SIT MVC Complete**	SIT Minimum Viable Cohort Complete (SIT Minimum Viable Cohort Test Exit Report Approved)	07/02/2025	**22/08/2025**		Extension of SIT timeline
T1-MI-1000	**M10**	Central systems ready for migrating MPANs (M10)	07/03/2025	**24/09/2025**	SIT MVC	Driven by SIT Completion
T1-MI-3000	**M11**	Start of 18-month migration for UMS / Advanced (M11)	04/04/2025	**22/10/2025**	Assuming existing 4 weeks from M10	Driven by SIT Completion
T1-MI-4000	**M12**	Start of 18-month migration for Smart / Non-smart (M12)	04/04/2025	**22/10/2025**	Assuming existing 4 weeks from M10	Driven by SIT Completion
T1-MI-2000	**M13**	Load Shaping Service switched on (M13)	07/03/2025	**24/09/2025**		Driven by SIT Completion
-	-	Start of Migration for Qualification Wave 1 PPs	01/10/2025	**15/05/2026**		Driven by 6-month Wave execution and maintains SIT-Qualification PP firebreak
T1-MI-5000	**M14**	All suppliers must be able to access MPANs under the new TOM (M14)	16/03/2026	**28/10/2026**	14 months from S&A Qualification start (12 months testing + 2 months approvals keeping logic)	
T1-MI-6000	**M15**	Full transition complete (M15)	05/10/2026	**07/05/2027**	18 months from M11	18-Month Migration from M11
T1-EL-1000	**M16**	Cut over to new settlement timetable (M16)	07/12/2026	**02/07/2027**	2 months from M15	2 Months from M15

Focal points to close out programme planning (updated following impact assessment review)

#	Planning item	Description	Direction of travel (16-Oct-24)	Status
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.	Settlement testing will run through until the end of 2024 (20/12/2024). The CoS Settlement tests are currently scheduled to take place, in SIT-A, over a 4-week window after the Regression Test Data Load window. Starting on 19/05/2025.	**No change**
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.	SIT Operational scheduled to commence with Theme 3 – Batch 1 on 03/02/2025 and conclude by 16/05/2025.	**No change**
3	SIT Non-Functional start	If SIT Settlement testing needs to be extended beyond the IR8.x maintenance window, then SIT Non-Functional testing start will be delayed.	SIT Non-Functional scheduled to commence on 13/01/2025 (Theme 1). Themes 2 and 3 will run from 17/03/2025 – 09/05/2025.	**No change**
4	Non-SIT LDSO testing start	The start date for Non-SIT LDSO testing needs to be confirmed.	Non-SIT LDSO Test Start will commence on 06/01/2025 – 16/05/2025.	**No change**
5	Supplier & Agent Qualification Test	Supplier and Agent Qualification test timelines in the plan are dependent on SIT Functional completing.	Supplier and Agent Qualification testing is now scheduled to start on 25/08/2025. A 6-week delay upon the original proposal in CR055 (pre-IA).	**Updated position from IA**
6	Initial QAD timelines	Timelines for the initial QAD submission for SIT, LDSO and Wave 1 Qualification participants need to be reviewed in line with plan changes.	The initial QAD window for SIT and Non-SIT LDSOs will open on 06/01/2025. For Wave 1 S&A Qualification participants this is 24/03/2025.	**No change**
7	Gap Analysis outputs	The RTTM gap analysis identified additional SIT test cases that need to be incorporated into the Programme Plan timelines.	The RTTM gap analysis has completed and an additional 36 tests across SIT Functional and SIT Migration are required. As a result, an additional sprint has been added to incorporate these activities.	**Updated position from IA**
8	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.	The 4-week window between M10 and M11 will remain in place.	**No change**
9	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.	**No change**
10	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, and this will remain the same in the CR055 proposed plan. The extension of SIT to incorporate further contingency, extends this timeline by 6 weeks.	**Updated position from IA**
11	Regression testing	The duration of regression testing required at the end of SIT Cycle 3 needs to be agreed.	The 7-week timelines for regression testing is proposed to remain the same. The data load window has been extended to 15 days. The extension of SIT to incorporate further contingency, extends this timeline by 6 weeks.	**Updated position from IA**

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Risks associated with the proposed plan (updated following impact assessment review)

#	Risk	Impact	Due date	Owner	RAG	Mitigation
1	There is a risk that the duration in the plan allocated to settlement testing is not sufficient	This would delay the ability to commence SIT NF and Operational. A delay of more that 2 months after Christmas would impact the critical path.	20/12/2024	SI Test	Red	Test case rationalisation to refine scope and volume of tests required. Clearly articulated execution models to track progress. If required, Settlement testing can be extended beyond 2024 without impacting the critical path.
2	There is a risk that service management design is not approved by industry or Helix and SIT PPs are not ready with their service management facilities for SIT Operational to start on time	SIT Operational will be delayed beyond the current planned dates and would create greater risk of impacting the critical path.	20/12/2024	Elexon (Helix)	Amber	Elexon (Helix) provide a clear plan detailing their route to obtaining approval of service management documents, or alternative plan for SIT operational readiness.
3	SIT (Functional and Migration) timelines conclude closer to the deadline for QAD submissions, which could mean more work to qualify the MVC in less time.	There could be a delay to MVC participants qualification approval at PAB due to the volume of submissions to be processed.	22/08/2025	Code Bodies, Programme	Amber	Programme to engage early and frequently with PAB and Code Bodies throughout testing to iteratively feed review content through to approvers.
4	There is a risk that SIT participants cannot keep up with velocity targets.	The re-calibrated M10/M11 date would need to be moved further.	25/04/2025	SI Test	Green	Review progress against model after each Sprint and explore opportunities for contingency in plan. Explore opportunities to rationalise testing scope by removing edge case test cases. Additional contingency added into the CR055 timelines.
5	There is a risk of data issues as a result of the IR8 maintenance window which could not be addressed until the regression window.	The SIT regression window would need to be extended which would have implications on the M10 date.	21/10/2024	SI Data	Amber	Explore feasibility of testing data during the IR8.x maintenance window and fix errors before the start of Cycle 3.
6	There is a risk that the time allocated to regression testing is not sufficient in the plan.	If additional time is required beyond the 7 weeks allocated this would delay completion of SIT and M10.	20/12/2024	SI Test	Amber	Define the scope for regression testing early to ensure no additional time is required within the plan.
7	There is a risk of future design and scope change (ie. CR056 and IR8.4) as a result of defects or issues found during Cycle 3 of SIT Functional and Migration	Further design changes would require additional testing effort to be incorporated into the timeline. This could impact the ability to conclude SIT within the timelines articulated in this proposal.	25/04/2025	SI Test, SI Design	Amber	Additional time has been allocated to testing IR8.4 impacts and CR056 and this is reflected into the timeline. Further contingency sprints have been added to the plan to absorb any future design changes if required.
8	There is a risk that the scope of regression testing is not yet defined, and 7-weeks as planned is not sufficient to execute all testing scope.	Additional time is required for regression testing impacting SIT Functional and Migration closure and M10 delivery.		SI Test	Amber	The scope of regression testing will be defined well in advance of the regression testing phase and appropriate test sizing applied. Contingency has been added into the plan which could be used for additional regression testing if required.

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IPA Report

Discussion: Opportunity to discuss '*Re-calibrated Plan Review (CR055) IPA Report*'. See CR055 area of the Collaboration Base for the full report.
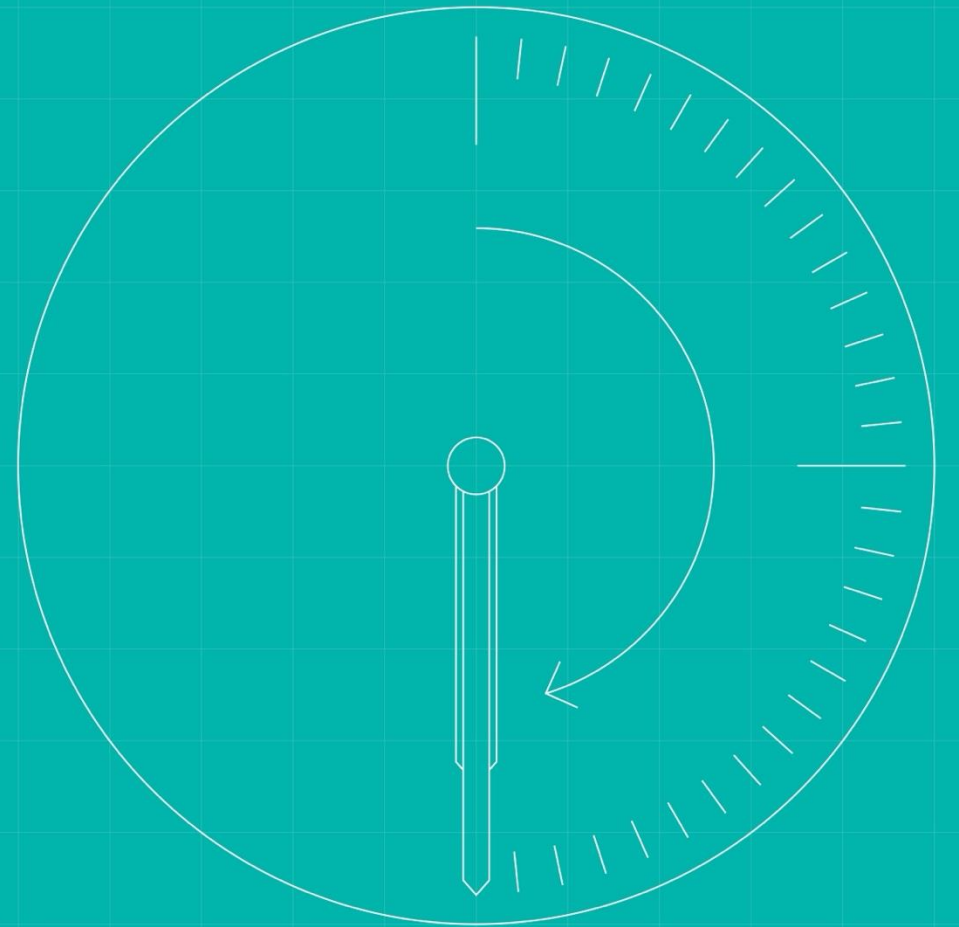
IPA

5 mins

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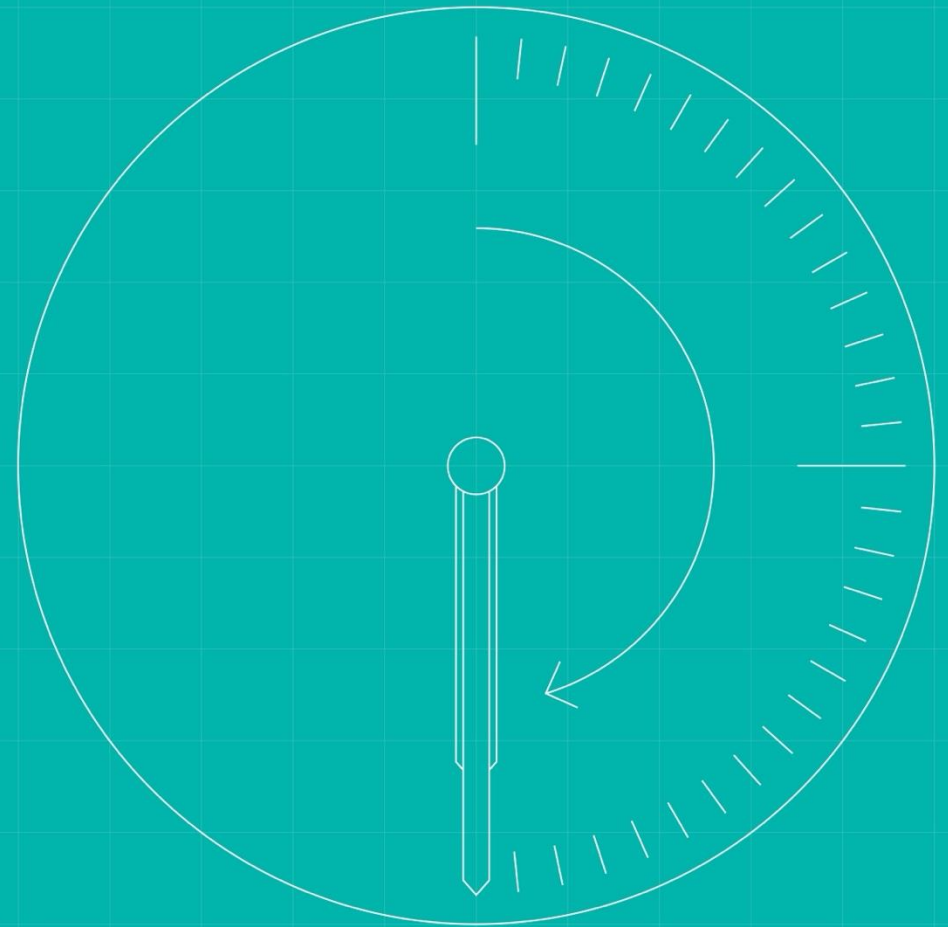
CR055 Recommendation

DECISION: SRO Decision to Recommend CR055 to Ofgem

Programme (Roísín Quinn)

5 mins

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CR055 - Recommendation

The Change Board have recommended that CR055 is recommended for approval:

- The Change Board advises the SRO to recommend **approval** of CR055 to Ofgem on the condition there is an additional 6 weeks added to the SIT timeline following IA feedback in relation to risk and contingency, as described on the earlier slides. It is noted that there are no changes to underlying planning assumptions have been made.

- Change Board noted in their recommendation for approval that:
    - ➤ The Change Request has the overwhelming support of industry as evidenced by 90% approval rate
    - ➤ Recognition that it is crucial for industry to have confidence in the accuracy Settlements post Go-Live. This can only be achieved by thorough and robust Testing.
    - ➤ The pace of testing means the current M10 date is unachievable, therefore additional time is required. In the Impact Assessment returns several parties wanted additional contingency which the Programme has added.
    - ➤ Parties have highlighted that they would like to qualify earlier, and the Programme is going to work with Code Bodies to understand how to support this.
      Suppliers should ensure they prioritise the migration of those customers wanting to switch to a flexible tariff or product.
    - ➤ Only 7% of respondents rejected the Change Request, putting forward resolvable issues. Implementing the change will allow parties to meet the required testing levels to ensure a robust and stable platform is delivered.

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CR055 - Recommendation

DECISION	PSG Recommendation on CR055 to Ofgem for Approval

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Next Steps

| #	Next step	By when	Status
1	Engage Ofgem and IPA on proposed MHHSP next steps	11-Oct-24	Complete
2	Update the Programme Plan to corporate proposed timeline amendments from the Impact Assessment (IA)	15-Oct-24	Complete
3	Update supporting documentation ready for issuing with PSG papers	15-Oct-24	Complete
4	Issue Change Board report and supporting planning documentation to PSG	16-Oct-24	Complete
5	Present Change Board decision and findings from IA at pre-PSG webinar	16-Oct-24	On Track
6	Present findings and proposed Programme Plan to PSG for recommendation	18-Oct-24	On Track
7	(If agreed) submit recommendation for approval of Programme Plan to Ofgem	21-Oct-24	On Track

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Summary and Next Steps

Information: Summarise decisions and look ahead to next meeting

Chair

5 mins

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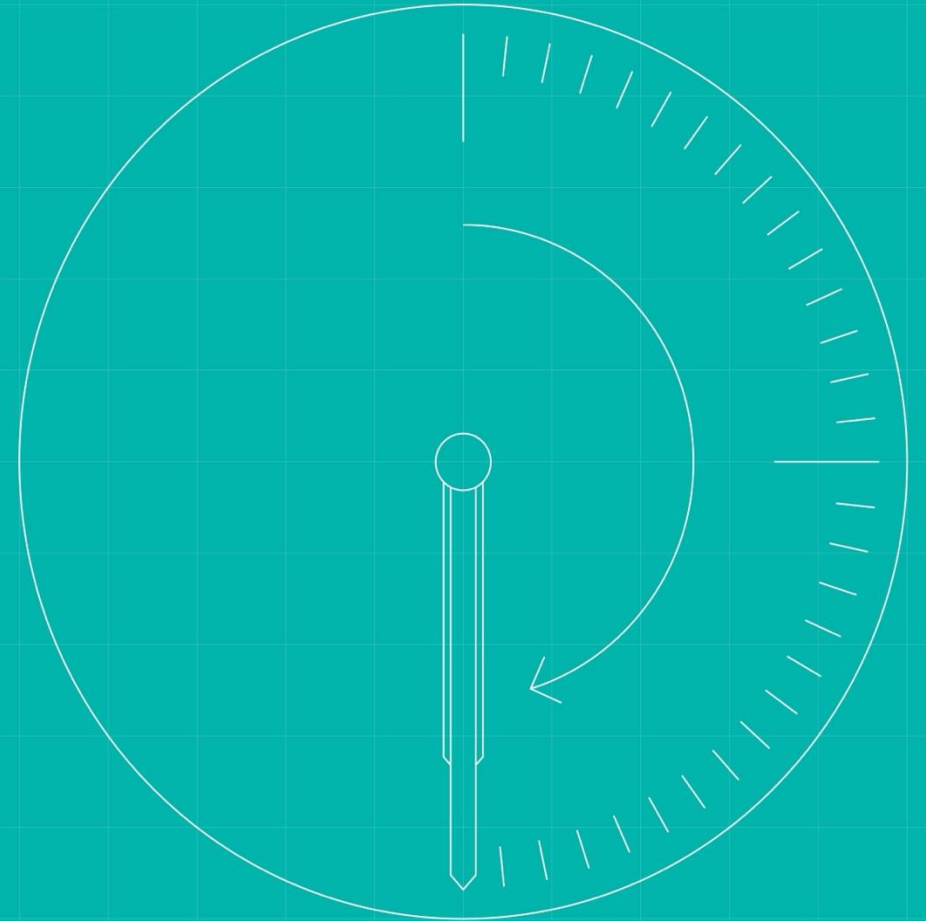
Summary and Next Steps

1. Confirm actions and decisions from meeting
2. Next PSG meeting: **06 November 2024 10:00 – 12:30**

06 November 2024 agenda items	Standing items
• Testing Update	• Minutes and Actions
• Programme Change Requests	• Programme Reporting
• Change / Design Management post-M10	• Delivery Dashboards
• CR055 Ofgem Decision Update (provisional)	• 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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Thank you