
Qualification Advisory Group (QAG) #06

18 July 2024

Agenda

#	Item	Objective	Type	Lead	Time	Page
1	Welcome and Introduction			Chair	10:00-10:05 5 mins	1
2	Headline Report and Actions	Approval of Headline Report of previous meeting and review of outstanding actions	Decision	Chair & Secretariat	10:05-10:15 10 mins	3
3	Programme Updates	Receive overview of MHHS governance groups and relevant Programme updates	Information	Secretariat	10:15-10:15 0 mins	5
4	Non-Sit S&A Migration Test Cases and Test Data Approach	Recommendation to QAG on Non-Sit S&A Migration Test Cases and Test Data Approach [Add in attachments 1 & 2]	Decision	Code Bodies (Laura Kennedy)	10:15-10:20 5 mins	9
5	E2E Guidance for Sandbox	Update on the E2E Guidance for Sandbox consultation responses	Decision	Programme (Stuart Scott)	10:20-10:30 5-10 mins	14
6	Updates from QWG	Provide an update on July QWG	Information	Code Bodies (George Player)	10:30-10:35 5 mins	16
7	Programme Milestones related to QAG	<ul style="list-style-type: none"> Overview of upcoming Programme Milestones related to QAG and any milestone changes for approval: Milestones for QAG to decide on 	Information / Decision	Programme (Nicola Farley) Code Bodies (Laura Kennedy)	10:35-10:40 5 mins	18
8	Top Programme Risks Related to QAG	QAG awareness of the key RAID items impacting the QAG	Information	Chair	10:40-10:45 5 mins	29
9	AOB	Participants to raise any queries on Qualification	Discussion	Chair	10:45-10:50 5 mins	32
10	Summary and Next Steps	Summarise actions and agree any agenda items for next meeting	Information	Secretariat	10:50-10:55 5 mins	33

Attachments

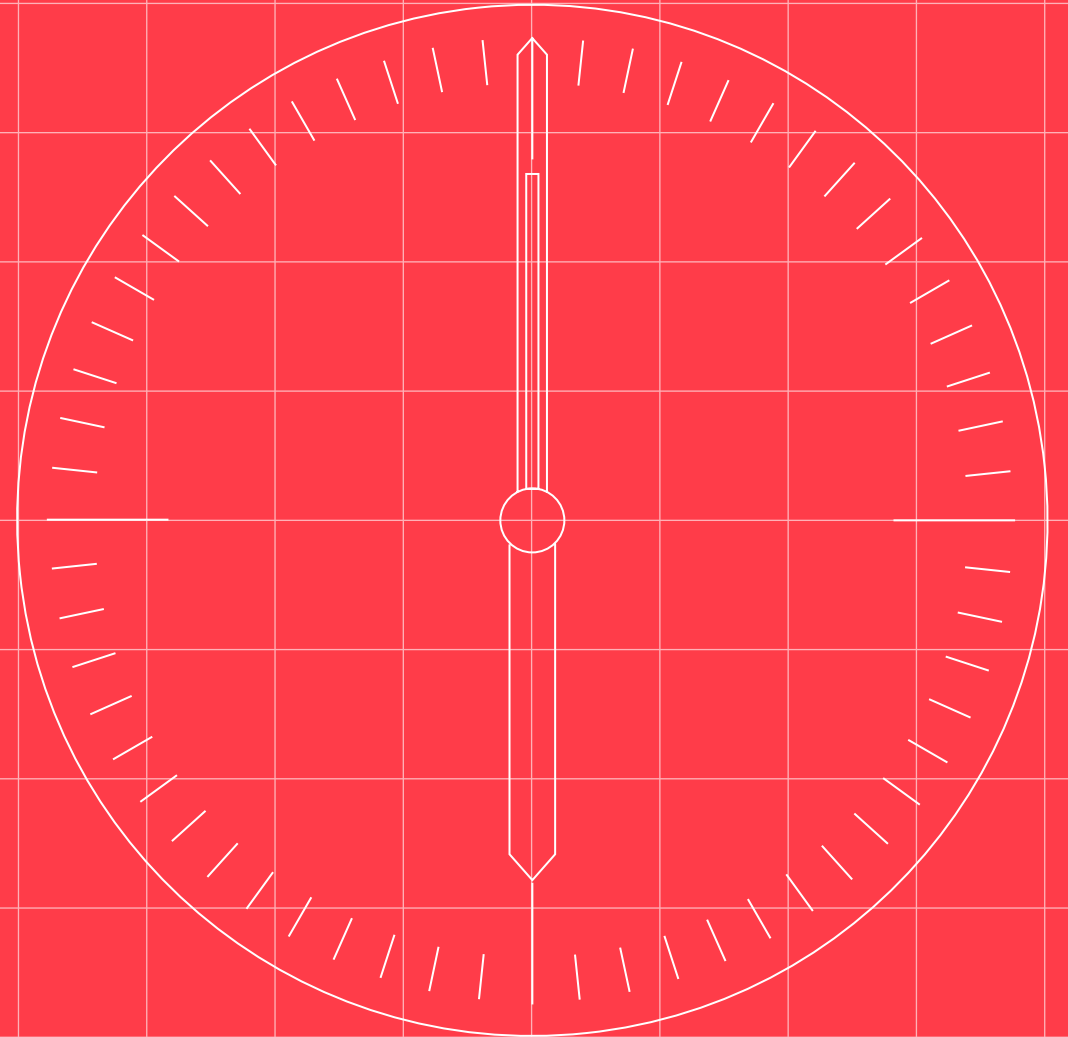
Attachment 1 - E2E Sandbox Guidance
Attachment 2 - End-to-End Sandbox Consolidated Comments Log
Attachment 3 - Non-SIT Supplier & Agents QT Test Data Approach Consultation Comments Log - CONSOLIDATED
Attachment 4 - Non-SIT S&A Qualification Test Data Approach and Plan v0.6 - Red Lined
Attachment 5 - Non-SIT S&A Qualification Test Data Approach and Plan v0.6 – Clean
Attachment 6 - Non-SIT Supplier and Agent QT Migration Test Scenarios v0.2 – Redlined
Attachment 7 - Non-SIT Supplier & Agents QT Migration Test Scenarios Consultation Comments Log - CONSOLIDATED

Headline Report and Actions

DECISION: Approve headline report of previous meeting and review outstanding actions

Chair and Secretariat

10 mins



Headline Report and Actions Review

- 1. Approval of Headline Reports from QAG held [20 June 2024](#).
- 2. **Review outstanding actions** (actions will be discussed by exception. Please review the action updates ahead of the meeting)

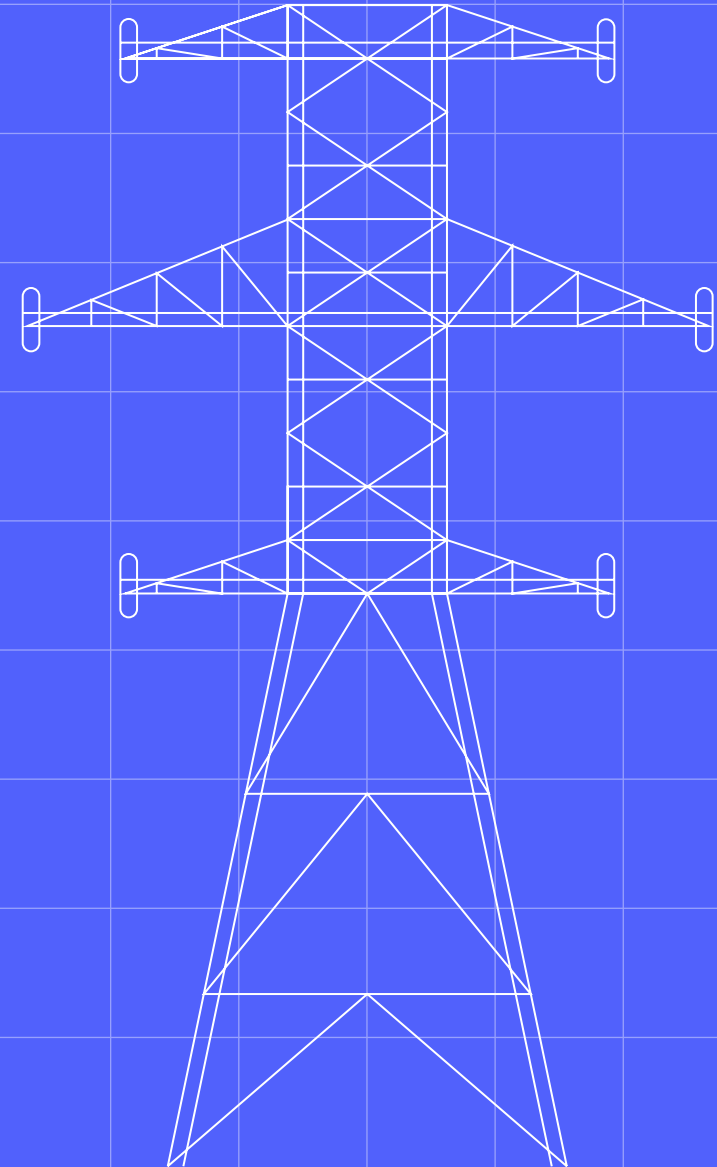
Ref	Action	Owner	Due	Latest Update
QAG05-01	Programme to investigate Risk 930 in relation to QAG03-03 and confirm with PMO when it is going into dPMO and send link	Programme (Jason Brogden)	ONGOING	R930 is in dPMO and is under investigation by the Programme as a critical risk and mitigated through FTIG activity
QAG02-01	IPA to consider providing improved visibility of progress on assurance recommendations	IPA (Taylor Thorpe)	15/05/2024	ONGOING: IPA will be providing visibility of all high priority agreed actions. Then at the end of each reporting period they will share the full list and status of agreed actions.

Programme Updates

INFORMATION: Receive overview of MHHS governance groups and relevant programme updates

Secretariat

0 mins – to be taken as read and discussed by exception



Governance group updates

Programme Steering Group (PSG)

PSG 03 July 2024

CR045: Decision made on rejection of CR045, to be handed over to Code

Bodies for implementation post M-10. PPs supportive of change but do not have ability to implement before M-10.

CR050 Update: Ofgem update on clarifications to the Change Management process for Change Board – published on Collaboration Base.

Programme Reporting: Progress report on Sprint 1 and reminder on the Minimum Viable Cohort (MVC) concept and expected operation.

Settlement Analysis: Helix is developing a modelling tool to utilise real world data for outturn calculations expected as result of Migration to MHHS rules.

IPA Plan on a Page: Update on IPA plans out to December 2025.

PSG papers available [here](#).

Design Advisory Group (DAG)

DAG 10 July 2024

Meeting held by correspondence only owing to diminishing content.

Design Updates: IR 8.1 published on 12 June 2024. Published artefacts can be found on design area of CB.

CR045: Rejected at July PSG and to be handed over to Code Bodies for Implementation post-M10.

CR050: Ofgem supported SRO's decision to approve CR050, with a recommendation that decision rationales be more clearly denoted within the decisions tables in Headline Reports. Updates to documentation can be found on CB.

DAG papers available [here](#).

Cross Code Advisory Group (CCAG)

CCAG 26 June 2024

In the meeting, the CCAG provided updates on:

Horizon Scanning Log: Updates from all Code Bodies and the Programme on changes which may impact MHHS Programme

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

M7 Delivery: Provide an update on Ofgem M7 delivery.

BSC Subsidiary Code Documents: Update from Elaxon on updating Code subsidiary documents And, decided to cancel both July CDWG meetings due to low volume of meeting content.

CCAG papers available [here](#).

Qualification Advisory Group (QAG)*

QAG 20 June 2024

Supplier Requests for Specific Exemptions from MHHS Qualification: The SRO approved the decision to endorse the Balancing & Settlement Code (BSC) Modification: 2037-B 'Exemption from MHHS Requirements for Smart Market Segment Supplier Qualification'.

Programme Milestones related to QAG: The SRO approved the proposed updated milestone delivery dates in the MHHS Outline Plan.

Environments Approach & Plan: The SRO approved the Environment Approach & Plan v3.0.

Programme Milestones related to QAG: The SRO approved Milestone changes relating to QAG. QAG papers available [here](#)

Migration & Cutover Advisory Group (MCAG)*

MCAG 04 June 2024

M10/M11 Cutover Plan: The Chair, acting with delegated authority of the SRO, approved the M10/M11 cutover plan v0.4 for publication can we also state this will be uplifted to V1.0

Programme Milestones: The Chair, acting with delegated authority of the SRO, approved the Data Cleanse Plan v2.1 for publication

Programme Risks: The Chair, acting with delegated authority of the SRO, approved the date change for milestone T3-MI-0032 and T3-MI-0500 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: Data Transfer Network (DTN) file numbering during Transition Programme Participant Information Request (PIR) – the deadline is **Thursday 11 July 2024**
2. REMINDER: Change Request (CR051) issued for Impact Assessment – the deadline is **Thursday 11 July 2024**
3. REMINDER: Migration Contact Nominations Request – the deadline is **Friday 12 July 2024**
4. REMINDER: Code Artefacts Consistency Check Consultation – the deadline is **Friday 12 July 2024**
5. REMINDER: Interface Code of Connection Consultation – the deadline is **Friday 12 July 2024**
6. REMINDER: Test Population Activity: Population of ESME ID – the deadline is **Thursday 18 July 2024**
7. REMINDER: Test Population Activity: Population of Meter Location and Number of Displayed Register Digits – the deadline is **Thursday 18 July 2024**
8. REMINDER: Qualification Assessment Document (QAD) Consultation – the deadline is **Friday 19 July 2024**
9. NEW! Self-Qualification Assessment Document (SQAD) - the deadline is **Friday 19 July 2024**
10. NEW! Qualification Approach & Plan & Annex 1&2 consultation – the deadline is **Friday 19 July 2024**
11. NEW! Non-SIT Licensed Distribution System Operator (LDSO) Test Data Approach & Plan – the deadline is **Friday 19 July 2024**
12. NEW! Non-SIT LDSO Operational Test Scenarios & Test Cases Consultation – the deadline is **Friday 19 July 2024**
13. PPIR in relation to 'Validation of Service Provider CoS Appointment' prior to formal Change Request – the deadline is **Monday 22 July 2024**
14. Systems Integration Testing (SIT) Functional Test Scenarios and Test Cases uplifted for IR7 & Cycle 2
15. Systems Integration Testing (SIT) Operational Test Scenarios and Test Cases for Theme 2 uplifted

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 11 July 2024:** Non-Functional Testing Working Group (NFTWG)
- **Wednesday 17 July 2024:** Systems Integration Testing Advisory Group (SITAG)
- **Wednesday 17 July 2024:** Security Design Working Group (SDWG) Assurance Forum
- **Thursday 18 July 2024:** Qualification Advisory Group (QAG)
- **Thursday 18 July 2024:** Migration Framework Assurance meeting

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

Working Group Progress Report

Systems Integration and Testing Advisory Group (SITAG)*				
	Data Working Group (DWG)	Environments and Configuration Management Working Group (EWG)	Systems Integration Test Working Group (SITWG)	Non-Functional Testing Working Group (NFTWG)
Upcoming deliverables	<ul style="list-style-type: none"> SIT Non-Functional and Operational Data approaches issued for industry consultation and awaiting feedback Data to be prepared and passed to DCC for processing - 25th April 	<ul style="list-style-type: none"> Environments Approach and Plan (Non-SIT LDSO) April SITAG Environments Approach and Plan (Settlement testing) Q2 SITAG 	<ul style="list-style-type: none"> SIT Functional Test Themes 6,7,9 (January TMAG) SIT Functional Test Themes 8 (February TMAG) 	<ul style="list-style-type: none"> N/A
Latest meeting's agenda items	01 August 2024 <ul style="list-style-type: none"> TBC 	06 August 2024 <ul style="list-style-type: none"> TBC 	01 August 2024 <ul style="list-style-type: none"> TBC 	11 July 2024 <ul style="list-style-type: none"> SIT Non-Functional Theme 2 – Lifecycle Processing/Choreography Testing SIT Non-Functional Theme 3 – Focused Interface Behaviour Status of NF PIT Deliverables
Agenda items from last meeting	04 July 2024 <ul style="list-style-type: none"> Data Schedule Update Data Considerations for SIT Functional Cycle 2 Testing SIT Non-Functional status 	02 July 2024 <ul style="list-style-type: none"> Cancelled 	04 July 2024 <ul style="list-style-type: none"> SIT Operational Test Scenarios and Test Cases - Theme 1 and Theme 2 SIT Test Stage Defect Exit Thresholds SIT Test Progress Update 	13 June 2024 <ul style="list-style-type: none"> SIT Non-Functional Theme 1 - DIP/Helix Volume Testing NFTWG16-02 NFTWG16-03 Status of NF PIT Deliverables Survey on tooling dependencies for SIT NFT
L3 escalations	None	None	None	None

Working Group Progress Report

Migration and Cutover Advisory Group (MCAG)*			
	Migration Working Group (MWG)	Data Cleanse Working Group (DCWG)	Transition & Operational Readiness Working Group (TORWG)
Upcoming deliverables	Consult on Principle and process for: <ul style="list-style-type: none"> Developing and initialising the Migration Schedule Maintaining the Migration Schedule 	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> M10/M11 Cutover Plan
Latest meeting's agenda items	18 July 2024 <ul style="list-style-type: none"> Consultation 2 Assurance Migration Roadmap Migration Execution Dependencies 	25 July 2024 <ul style="list-style-type: none"> Population of ESME ID and Meter Location and Number of Displayed Register Digits Upcoming Data Cleanse Activities Data Cleanse Reporting General Clarifications 	10 July 2024 <ul style="list-style-type: none"> eTORWG / Service Design Definition Update Early Life Support Model M15/M16 Cutover Plan LLF ID and DUoS Tariff ID Population
Agenda items from last meeting	05 June 2024 <ul style="list-style-type: none"> Update to Migration Framework Foundation Artefacts Industry Migration Reporting Catalogue and Data Requirements Physical Formats and Submission Guidelines 	25 June 2024 <ul style="list-style-type: none"> Population of Connection Type for Traditional and Advanced Meters within Measurement Class 'A' Self-Declaration Population of ESME ID and Meter Location and Number of Displayed Register Digits Data Cleanse Reporting General Clarifications 	12 June 2024 <ul style="list-style-type: none"> Early Life Support Model Elexon Update: DTN File Numbering during Transition LLF ID and DUoS Tariff ID Population
L3 escalations	None	None	None

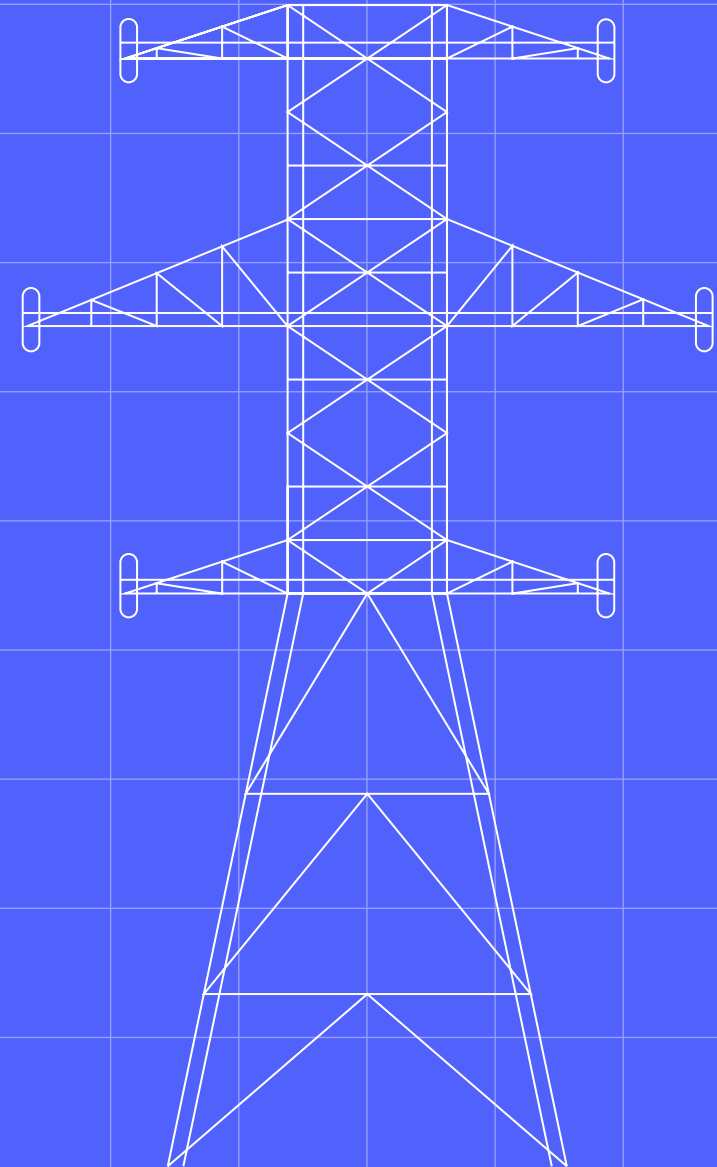
Qualification Advisory Group (QAG)*	
	Qualification and E2E Sandbox Working Group (QWG)
Upcoming deliverables	<ul style="list-style-type: none"> N/A
Latest meeting's agenda items	09 July 2024 <ul style="list-style-type: none"> Qualification Artefacts E2E Sandbox Guidance Document Key Updates from QT Sub-Groups Migration Test Cases and Test Data Approach for S&A QT Scope for Placing Reliance Assurance of legacy arrangements to support MHHS Cutover
Agenda items from last meeting	11 June 2024 <ul style="list-style-type: none"> SIT Observations and Guidance Publication of Wave Allocation Update on Supplier Requests for Specific Exemptions from MHHS Qualification Qualification Artefacts and Plan Update-Current Status and Next Steps Summary of QT Groups Sandbox Update
L3 escalations	None

Non-SIT S&A QT Migration Test Scenarios & Test Data Approach

DECISION: Code Bodies to provide an update on Non-SIT S&A QT Test Scenarios and Test Data Approach which was issued for consultation in June and seek QAG Approval.

Code Bodies (Laura Kennedy)

5 – 10 mins

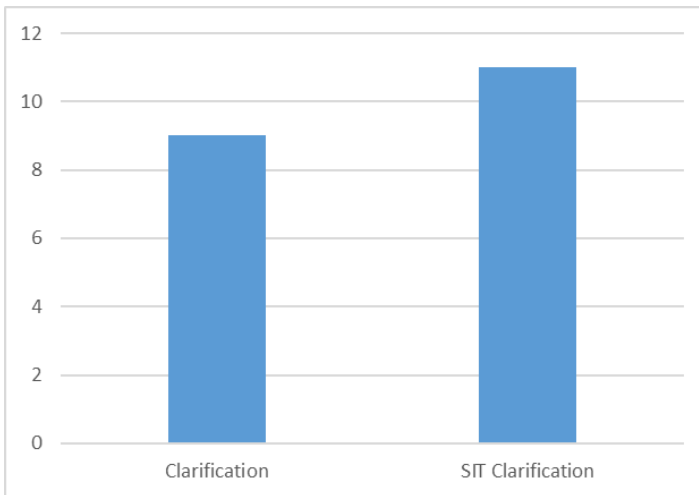


Migration Test Scenario Consultation:

20 comments

6 organisations

0 confirmations



SIT CLARIFICATION

You said:

Many comments requested clarification around the underlying SIT scenarios.

We did:

1. We referred these comments to the SIT Migration team to provide a detailed response.
2. Where possible, we have provided our own understanding but will defer to the SIT Migration Team for confirmation.
3. We will provide a supplementary update to participants once we have received further information from the SIT Migration Team.



GENERAL CLARIFICATION REQUESTS

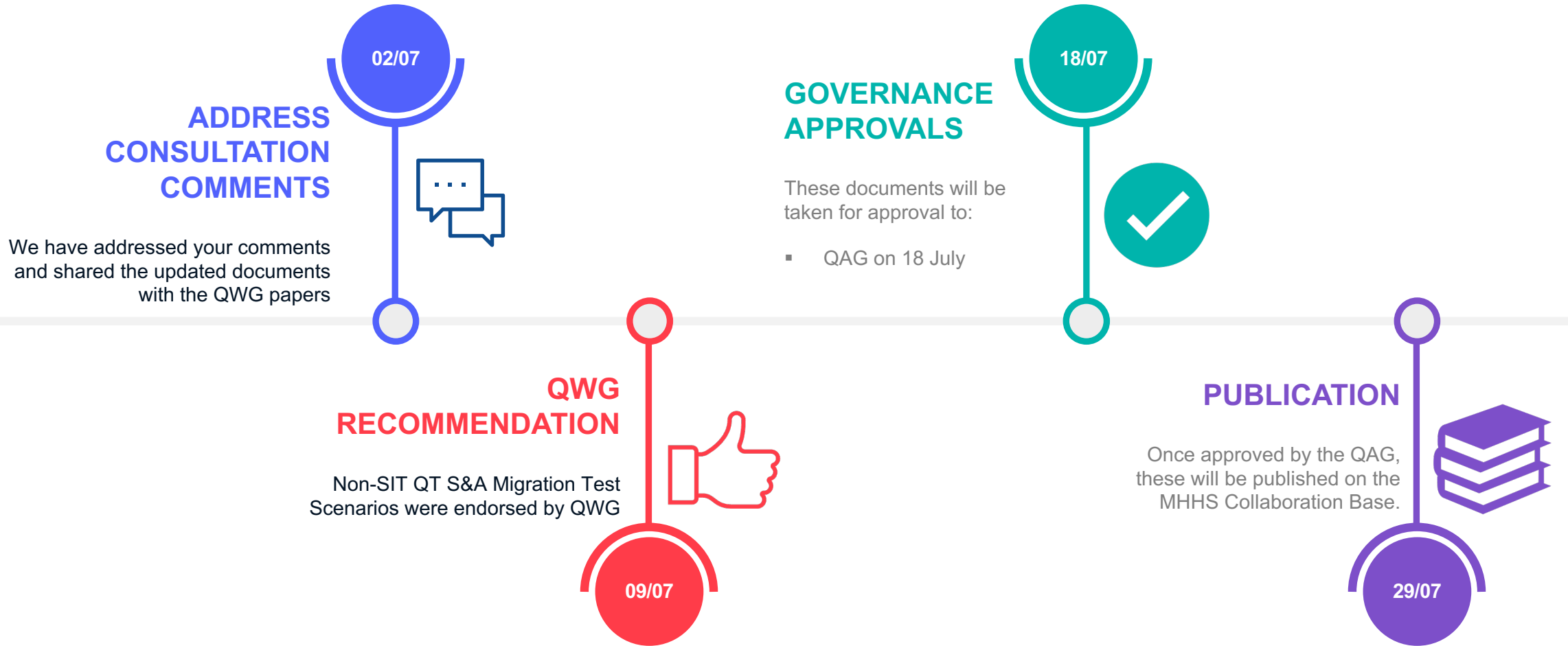
You said:

Many comments were requests for clarification.

We did:

1. We have provided detailed responses in cases where a document update was not needed.
2. We have updated the document where necessary to ensure proper detail and accuracy.

Next steps



DECISION [23]

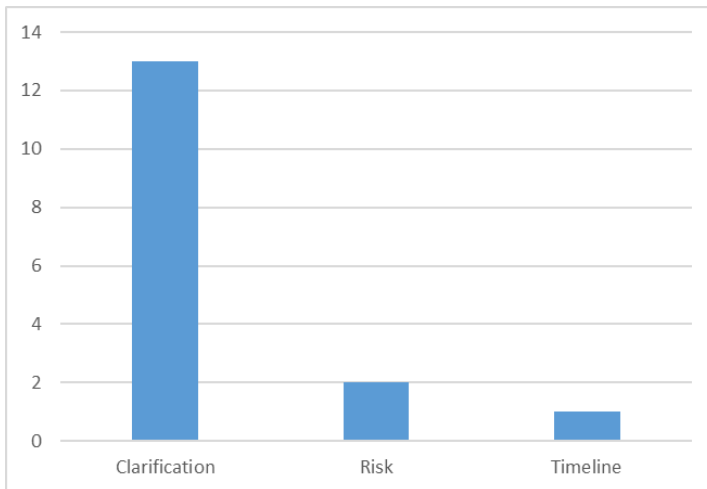
QAG to confirm approval of Non-SIT S&A QT Migration Test Scenarios

Test Data Consultation

16 comments

3 organisations

0 confirmations



GENERAL CLARIFICATION REQUESTS

You said:

Many comments were requests for clarification and document improvements.

We did:

1. Where required, we have updated the document to reflect the clarification, expand on detail and enhance readability.
2. We have provided detailed responses in cases where a document update was not needed.



ARTIFICIAL DATA RISK

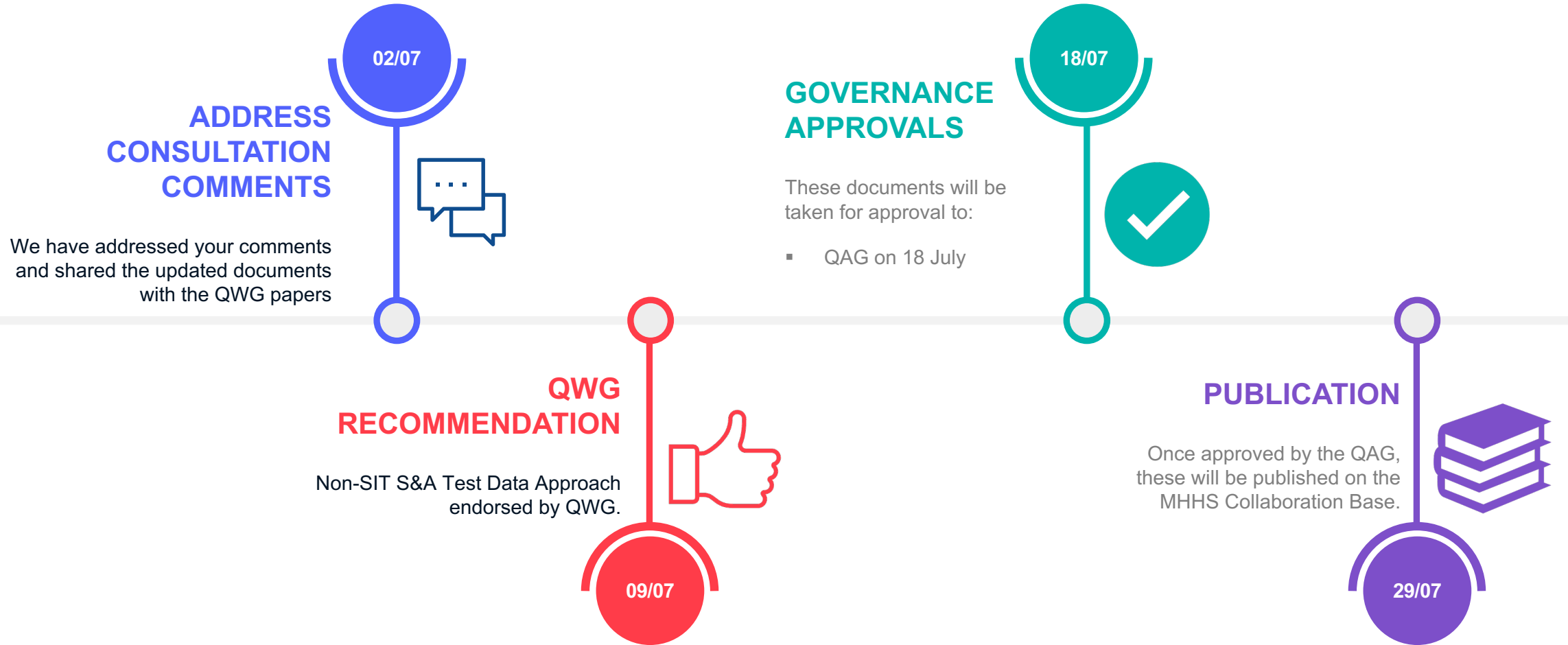
You said:

There were some clarifications requested regarding the use of manufactured MPANs.

We did:

1. We have made updates to the document where appropriate to reflect the concerns expressed.
2. We have provided detailed responses to the comments.
3. We have increased the risk level in acknowledgement of the concerns raised.

Next Steps



DECISION [24]

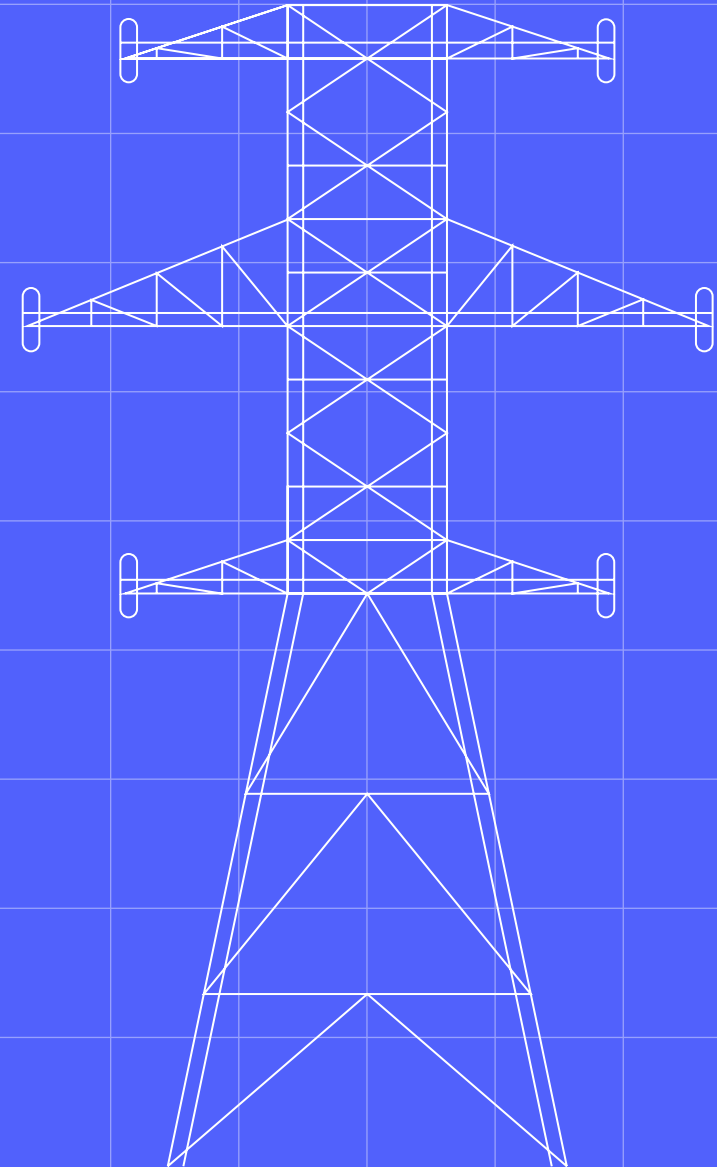
QAG to confirm approval of Non-SIT S&A Test Data Approach

E2E Guidance for Sandbox

INFORMATION: Update on the E2E Guidance for Sandbox consultation responses

Programme (Stuart Scott)

5 mins



E2E Sandbox Guidance – Consultation Responses

- The Programme published the **E2E Sandbox Guidance** document for industry consultation
 - Closed on 5 July 2024
- **Consultation Response Summary**
 - **11** sets of responses received
 - No material comments received changing the intent of the E2E Sandbox Guidance document
 - Document updates made to provide additional clarity within sections in line with comments received
 - A **Consolidated comments log** has been published showing the responses to all comments received
 - An updated **Draft v0.4** of the **E2E Sandbox Guidance** document has also been published
 - Several response comments seeking clarifications resulting in updates being made to wording within some sections

Total comments received	34
<i>Accepted - Document Updated</i>	19
<i>Clarification Provided – No change to document</i>	15

- QWG 9th July recommended E2E Sandbox Guidance for approval at QAG

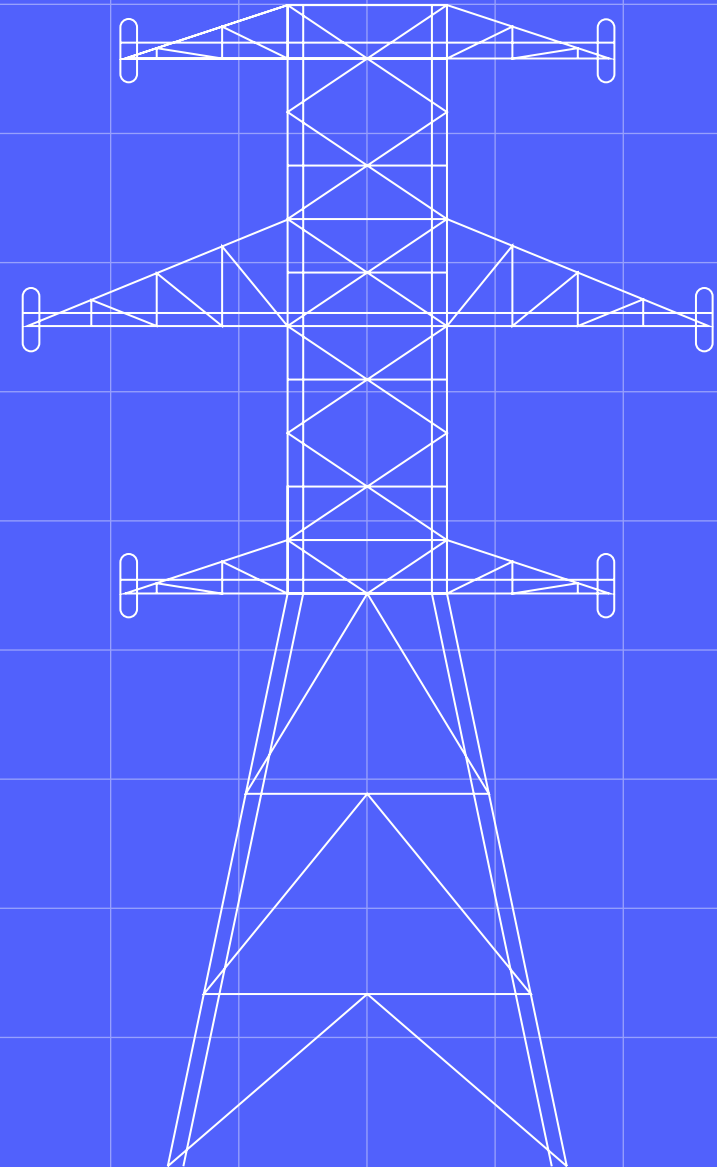
DECISION [25]	QAG to confirm approval of E2E Sandbox Guidance
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Updates from QWG

INFORMATION: Provide an update on June QWG:

Code Bodies (George Player)

5 mins



This Month the QWG discussed:

- Qualification Artefacts and Plan
- QT Scope for Placing Reliance
- Assurance of Legacy Arrangements to Support MHHS Cutover

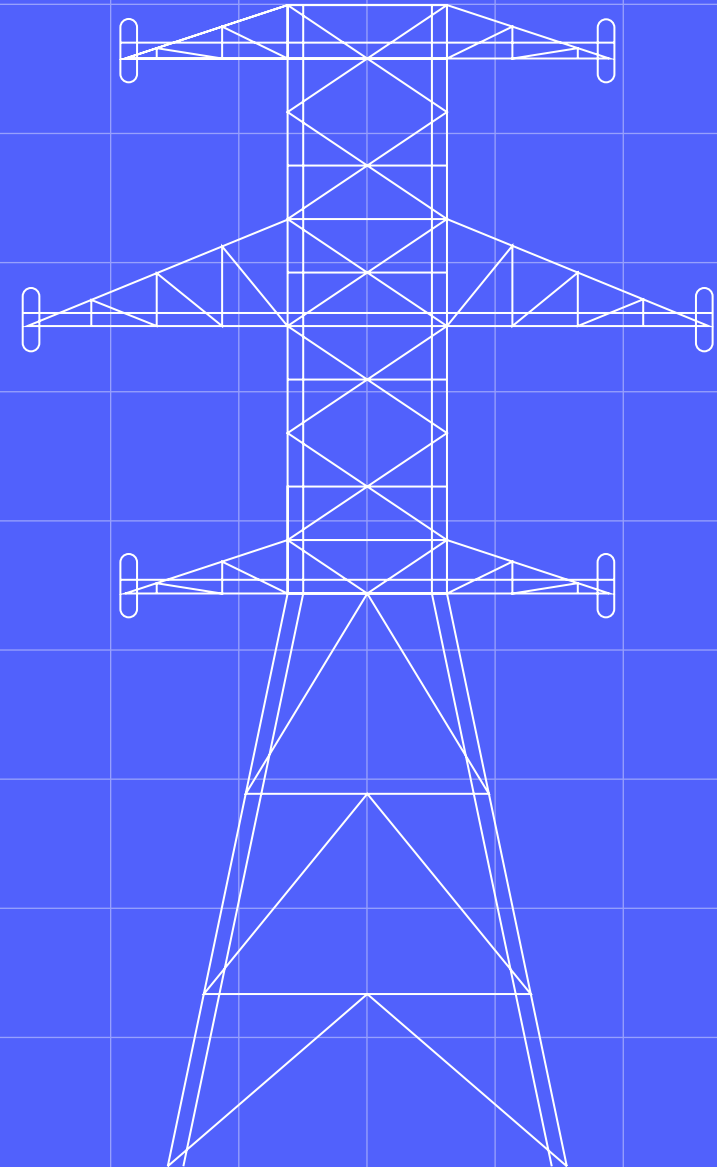
Programme Milestones related to QAG

INFORMATION/DECISION: Overview of upcoming Programme Milestones related to QAG and any milestone changes for approval:

- Milestones for QAG to decide on

Programme (Nicola Farley) & Code Bodies (Laura Kennedy)

5 mins



Key Updates

- Removal of milestones T3-QU-0082, T3-QU-0068 and T3-QU-0062 due to QA&P V3 and V4 being combined into one update (*slide 28 for detail*)
- Update of milestone date for T3-QU-0110, T3-QU-0071, T3-QU-0073 and T3-QU-0008 to August QAG to align with expected QAG approval date (*slide 27 for detail*)
- Milestones T3-TE-0067, T3-QU-0091, T3-QU-0119 complete, subject to QAG approvals (*slide 22 for detail*)

Look Ahead – Key Milestones Status at 10-July-24 (1)

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 03/07/24	Current RAG 10/07/24	Forecast RAG 17/07/24	Commentary
T3-DB-0151	SITAG	SIT Non-Functional PIT Test Approach & Plan (PIT) submitted to Programme for assurance	Fri 10/05/24	Fri 10/05/24	PP				32/34 plans have been submitted to the Programme. Because of the delay to all plans 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
T3-TE-0026	SITAG	SIT Non-Functional Testing Test Approach & Plan approved	Wed 15/05/24	Wed 15/05/24	SI Test				Deferred from May SITAG approval, pending further confirmation and agreement of DIP-Helix Phase 1 testing. Theme 2 & 3 test approach remains sound - Test Scenarios & Cases published after consultation. Start of SIT Non-Functional Testing at risk. Phase 1 approach to be concluded and re-issued for SITAG approval. Forecast SITAG TBC
T3-DB-0153	SITAG	SIT Non-Functional PIT RTTM submitted to Programme for assurance	Thu 30/05/24	Thu 30/05/24	PP				30/34 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
T3-DB-0155	SITAG	SIT Non-Functional PIT test scenarios submitted to Programme for assurance	Thu 30/05/24	Thu 30/05/24	PP				29/34 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
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				23/34 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
T3-TE-0114	SITAG	SIT NFT Scenarios & Test Cases Approved - Theme 1	Wed 19/06/24	Wed 19/06/24	SI Test				Deferred from June SITAG approval, pending further confirmation and agreement of DIP-Helix Phase 1 testing. Start of SIT Non-Functional Testing at risk. Phase 1 approach to be concluded and re-issued for SITAG approval. Forecast SITAG TBC

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

Look Ahead – Key Milestones Status at 10-July-24 (2)

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 03/07/24	Current RAG 10/07/24	Forecast RAG 17/07/24	Commentary
T3-DB-0152	SITAG	SIT Non-Functional Test approach and plan MHHS Review Completed	Thu 04/07/24	Thu 04/07/24	SI Test	Red	Red	Red	Late because the completion of the review is dependant on the delivery of all of the SIT Non-Functional Test Approach and Plans from the PPs. This increases the risk to SIT Non-Functional PIT completion
T3-DB-0161	SITAG	SIT Operational PIT RTTM submitted to Programme for assurance	Thu 04/07/24	Thu 04/07/24	PP	Red	Red	Red	11/34 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
T3-DB-0163	SITAG	SIT Operational PIT test scenarios submitted to Programme for assurance	Thu 04/07/24	Thu 04/07/24	PP	Red	Red	Red	6/34 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 an increased risk to the completion of SIT Operational PIT. Re-forecasting the completion date isn't possible as delivery is dependent on the PPs
T3-DB-0154	SITAG	SIT Non-Functional RTTM MHHS Review Completed	Thu 11/07/24	Thu 11/07/24	SI Test	Yellow	Yellow	Yellow	At risk because the completion of the review is dependent on the delivery of all of the SIT Non-Functional RTTMs from the PPs. This increases the risk to SIT Non-Functional PIT completion
T3-DB-0156	SITAG	SIT Non-Functional Test scenarios MHHS Review Completed	Thu 11/07/24	Thu 11/07/24	SI Test	Yellow	Yellow	Yellow	At risk because the completion of the review is dependent on the delivery of all of the SIT Non-Functional Test Scenarios from the PPs. This increases the risk to SIT Non-Functional PIT completion
T3-TE-0115	SITAG	SIT NFT Scenarios & Test Cases Approved - Theme 2	Wed 17/07/24	Wed 17/07/24	SI Test	Yellow	Yellow	Yellow	At risk because of the deferment of the SIT Non-Functional Test Approach and Plan. This increases the risk to the start of SIT Non-Functional Testing
T3-TE-0114	SITAG	SIT NFT Scenarios & Test Cases Approved - Theme 3	Wed 17/07/24	Wed 17/07/24	SI Test	Yellow	Yellow	Yellow	At risk because of the deferment of the SIT Non-Functional Test Approach and Plan. This increases the risk to the start of SIT Non-Functional Testing



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

Look Ahead – Key Milestones Status at 10-July-24 (3)

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 03/07/24	Current RAG 10/07/24	Forecast RAG 17/07/24	Commentary
T3-TE-0117	SITAG	SIT Operational Scenarios & Test Cases Approved - Theme 1	Wed 17/07/24	Wed 17/07/24	SI Test	On track	On track	On track	On track
T3-TE-0118	SITAG	SIT Operational Scenarios & Test Cases Approved - Theme 2	Wed 17/07/24	Wed 17/07/24	SI Test	On track	On track	On track	On track
T3-TE-0067	QAG	E2E Sandbox Guidance approved	Thu 18/07/24	Thu 18/07/24	SI Test	On track	On track	On track	On track
T3-QU-0111	QAG (Non-SIT LDSO)	Agree Test Execution Timetable Format at QAG, Including Anonymisation Requirements	Thu 18/07/24	Thu 18/07/24	Code Bodies	On track	On track	On track	On track
T3-QU-0091	QAG	QAG Approval of QT Test Data Approach and Plan	Thu 18/07/24	Thu 18/07/24	Non-SIT S&A QT Test Team	On track	On track	On track	On track
T3-QU-0119	QAG	QAG Approval of QT Migration Test Scenarios and Test Cases Batches 1	Thu 18/07/24	Thu 18/07/24	Non-SIT S&A QT Test Team	On track	On track	On track	On track
T3-QU-0114	QAG (Non-SIT LDSO)	Test Plan Submission to MHHS Programme For Review	Fri 26/07/24	Fri 26/07/24	LDSO	On track	On track	On track	On track
T3-QU-0116	QAG (Non-SIT LDSO)	Interim Test Readiness Report Submission to MHHS Programme for Review	Fri 26/07/24	Fri 26/07/24	LDSO	On track	On track	On track	On track
TBC	MCAG	Consultation 2 - Control - MCAG Approval of Interim Artefacts	Tue 30/07/24	Tue 30/07/24	PP	Not started	Not started	Not started	New milestone added to reflect updated delivery approach for migration. To go to July MCAG for approval



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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Look Ahead – Key Milestones Status at 10-July-24 (4)

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 03/07/24	Current RAG 10/07/24	Forecast RAG 17/07/24	Commentary
T3-MI-0033	MCAG	MCAG Approval of Early Life Support Model	Tue 30/07/24	Tue 30/07/24	SI Transition	Red	Red	Red	Date will be missed because of input required from Code-Bodies. Because of this drafting and publication of the document have been delayed. Impact will be further defined once timelines are understood. Update will be given when further discussions have been held with the Code Bodies
T3-DB-0157	SITAG	SIT Non-Functional PIT Completion Report submitted to Programme for assurance	Fri 02/08/24	Fri 02/08/24	PP	Green	Green	Green	On track
T3-QU-0009	QAG (Non-SIT LDSO)	Qualification Testing for Non-SIT LDSOs Participants' environments) Ready to start DIP onboarding (incl. certificates and security compliance)	Mon 05/08/24	Mon 05/08/24	Non-SIT LDSO	Green	Green	Green	On track
T3-DB-0160	SITAG	SIT Operational Test approach and plan MHHS Review Completed	Thu 08/08/24	Thu 08/08/24	SI Test	Yellow	Yellow	Yellow	At risk because the completion of the review is dependant on the delivery of all of the SIT Operational Test Approach and Plans from the PPs. This increases the risk to SIT Operational PIT completion
T3-QU-0008	QAG (Non-SIT LDSO)	Qualification Testing for Non-SIT LDSOs (Functional, Migration, NFT, Operational) Test Execution Schedule Approved	Thu 15/08/24	Thu 22/08/24	Non-SIT LDSO	Red	Red	Red	To go to July QAG for milestone name and date change approval. Name change because it has now been confirmed that it does not require QAG approval therefore the 'approved' will be amended to 'complete'. Date change because it has now been confirmed that it is directly driven by Annex 1 of the QA&P which will be presented for QAG approval on 22/8
T3-DB-0162	SITAG	SIT Operational RTTM MHHS Review Completed	Thu 15/08/24	Thu 15/08/24	SI Test	Green	Yellow	Yellow	At risk because the completion of the review is dependent on the delivery of all of the SIT Operational RTTMs from the PPs. This increases the risk to SIT Operational PIT completion
T3-DB-0164	SITAG	SIT Operational Test scenarios MHHS Review Completed	Thu 15/08/24	Thu 15/08/24	SI Test	Green	Yellow	Yellow	At risk because the completion of the review is dependent on the delivery of all of the SIT Operational Test Scenarios from the PPs. This increases the risk to SIT Operational PIT completion
T3-DB-0158	SITAG	SIT Non-Functional PIT Completion Report MHHS Review Completed	Fri 16/08/24	Fri 16/08/24	SI Test	Green	Green	Green	On track



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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Look Ahead – Key Milestones Status at 10-July-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 03/07/24	Current RAG 10/07/24	Forecast RAG 17/07/24	Commentary
T3-MI-0024	MCAG	DCC to extract ESME ID and share with LDSO	Fri 16/08/24	Fri 16/08/24	DCC/SI	Green	Green	Green	On track
T3-TE-0081	SITAG	Cycle 3 - PP's confirmation that test data is ready for SIT Functional	Mon 19/08/24	Mon 19/08/24	SI Test Data	Green	Green	Green	On track
T3-TE-0114	SITAG	SIT Operational Scenarios & Test Cases Approved - Theme 3	Wed 21/08/24	Wed 21/08/24	SI Test	Green	Red	Red	Date will be missed because of the late delivery of service management low level designs from Helix, therefore it won't be able to achieve August SITAG approval. Date to be reforecast when more is know about expected delivery date from Helix
T3-QU-0081	QAG	QAG Approval of Qualification Approach and Plan v3	Thu 22/08/24	Thu 22/08/24	Code Bodies	Green	Green	Green	
T3-QU-0083	QAG	QAG Endorsement of Qualification Assessment Document v2	Thu 22/08/24	Thu 22/08/24	Code Bodies	Green	Green	Green	On track
T3-TE-0035	QAG	Non-SIT LDSO Test Harness Released	Fri 23/08/24	Fri 23/08/24	SI DevOps	Green	Green	Green	On track
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	Green	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	Green	On track
T1-RE-1000	PSG	Code changes baselined (M6)	Fri 23/08/24	Fri 23/08/24	CPT	Green	Green	Green	On track
T2-TE-0700	SITAG	SIT Non-Functional Testing Preparation Complete	Mon 26/08/24	Mon 26/08/24	SI Test	Yellow	Yellow	Yellow	At risk because the SIT Non-Functional Test Approach and Plan has not been approved yet. This could impact completing preparation for SIT Non-Functional Testing. Once the SIT Non-Functional Test Approach and Plan has been approved the ability to achieve completion on the 26/08/24 will be clearer

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

Look Ahead – Key Milestones Status at 10-July-24 (6)

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 03/07/24	Current RAG 10/07/24	Forecast RAG 17/07/24	Commentary
T3-QU-0080	QAG	Assessment Criteria (Functional, Non-Functional, Migration, Operational) Approved by REC PAB and BSC PAB	Thu 29/08/24	Thu 29/08/24	Code Bodies				On track
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				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				On track
T3-TE-0040	SITAG	SIT Non-Functional Testing Start	Mon 02/09/24	Mon 02/09/24	SI Test				On track
T3-QU-0113	QAG (Non-SIT LDSO)	Test Data Signed Off	Tue 03/09/24	Tue 03/09/24	Non-SIT LDSO				To complete testing in accordance with test scenarios, LDSOs are required to fill gaps in their test data, potentially with synthetic data. Some LDSOs stated that they won't be able to incorporate synthetic data into their test data (Risk no: TBC). LDSOs will not be able to meet the standards of M10 and achieve Qualification. Through QWG and the LQTSG we have proposed and are discussing solutions with the LDSOs, with a view to achieving full test coverage for all
T3-DB-0165	SITAG	SIT Operational PIT Completion Report submitted to Programme for assurance	Fri 06/09/24	Fri 06/09/24	PP				On track
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				On track
T3-MI-0027	MCAG	Automated Population of Connection Type for Measurement Classes 'B', 'D', 'F' & 'G'	Fri 13/09/24	Fri 13/09/24	LDSO				On track
T3-MI-0028	MCAG	BAU Population of Connection Type for Site Specific LLFCs within Measurement Classes 'C' & 'E'	Fri 13/09/24	Fri 13/09/24	LDSO				On track

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

Look Ahead – Key Milestones Status at 10-July-24 (7)

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 03/07/24	Current RAG 10/07/24	Forecast RAG 17/07/24	Commentary
T3-MI-0029	MCAG	Automated Population of Connection Type for Smart Meters within Measurement Class 'A'	Fri 13/09/24	Fri 13/09/24	LDSO				On track
T3-MI-0030	MCAG	Automated Population of Null Connection Type	Fri 13/09/24	Fri 13/09/24	LDSO				On track
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				On track
T3-QU-0120	QAG	QAG Approval of QT Non-Functional Test Scenarios and Test Cases Batch 2	Thu 19/09/24	Thu 19/09/24	Non-SIT S&A QT Test Team				On track
T3-QU-0121	QAG	QAG Approval of QT Operational Test Scenarios and Test Cases Batch 1	Thu 19/09/24	Thu 19/09/24	Non-SIT S&A QT Test Team				On track
T3-QU-0122	QAG	QAG Approval of QT Operational Test Scenarios and Test Cases Batch 2	Thu 19/09/24	Thu 19/09/24	Non-SIT S&A QT Test Team				On track
T3-DB-0166	SITAG	SIT Operational PIT Completion Report MHHS Review Completed	Fri 20/09/24	Fri 20/09/24	SI Test				On track
T2-TE-0750	SITAG	SIT Operational Testing Preparation Complete	Wed 25/09/24	Wed 25/09/24	SI Test				On track
T3-MI-0025	MCAG	LDSO 'full refresh' between their Registration Service and the EES (ESME ID)	Fri 27/09/24	Fri 27/09/24	LDSO/EES				On track
T3-MI-0026	MCAG	LDSO 'full refresh' between their Registration Service and the EES (Meter Location and Number of Displayed Register Digits)	Fri 27/09/24	Fri 27/09/24	LDSO /EES				On track
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				On track
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				On track
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				On track



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

Key Milestones Change at 10-July-24 (1)

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

Milestone ID	Approving Governance Forum	Responsible	Change Type	Milestone Title	Baseline Date	Forecast Date	Previous RAG 03/07/24	Current RAG 10/07/24	Forecast RAG 17/07/24	Commentary
T3-QU-0110	QAG (Non-SIT LDSO)	Code Bodies	Date Change	QAG Approval for Operational, Non-Functional & Migration Annexes of Approach & Plan	Thu 18/07/24	Thu 22/08/24				Date missed because the Non-Functional Test Materials are not available for the July QAG and therefore to maintain our approach of approving plans in parallel with materials, the date has moved to the August QAG. There is no impact on the deliverability of the overall project. Project to engage with Code Bodies and industry in sufficient time to review all required materials. To go to July QAG for baseline date change
T3-QU-0071	QAG (Non-SIT LDSO)	Non-SIT LDSO	Date Change	Test Scenarios & Cases - Non-Functional - Approved at QAG	Thu 18/07/24	Thu 22/08/24				Date missed because Non-Functional Test Materials are not available for the July QAG. There is no impact the QT window and it will be approved at the August QAG. To go to July QAG for baseline date change
T3-QU-0073	QAG (Non-SIT LDSO)	Non-SIT LDSO	Date Change	Test Scenarios & Cases - Operational - Approved at QAG	Thu 18/07/24	Thu 22/08/24				Date missed because Operational Test Materials are not available for the July QAG. There is no impact the QT window and it will be approved at the August QAG. To go to July QAG for baseline date change
T3-QU-0008	QAG (Non-SIT LDSO)	Non-SIT LDSO	Name & Date Change	Qualification Testing for Non-SIT LDSOs (Functional, Migration, NFT, Operational) Test Execution Schedule Approved	Thu 15/08/24	Thu 22/08/24				To go to July QAG for milestone name and date change approval. Name change because it has now been confirmed that it does not require QAG approval therefore the 'approved' will be amended to 'complete'. Date change because it has now been confirmed that it is directly driven by Annex 1 of the QA&P which will be presented for QAG approval on 22/8

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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Key Milestones Change at 10-July-24 (2)

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

Milestone ID	Approving Governance Forum	Responsible	Change Type	Milestone Title	Baseline Date	Forecast Date	Previous RAG 03/07/24	Current RAG 10/07/24	Forecast RAG 17/07/24	Commentary
T3-QU-0077	QAG (Non-SIT LDSO)	Non-SIT LDSO	Date Change	PP Test Scope Presented at QAG	Thu 18/07/24	Thu 22/08/24				Date missed because of the update to Supplier and Agent Approach and Plan. Finalised Test Scope will be presented for approval as part of the assurance around the update to Annex 1. To go to July QAG for baseline date change
T3-QU-0082	QAG	Code Bodies	Remove	QAG Approval of Qualification Approach and Plan v4	Thu 22/08/24	Thu 22/08/24				Due to the delay in the confirmation of the non-functional scope it has pushed v3 timelines out, which has meant that v3 and v4 overlapped. Therefore a decision has been made to combine v3/4 and remove the milestones relating to v4. To go to July QAG to be approved to be removed
T3-QU-0068	QAG	Code Bodies	Remove	Operational Testing elements of Qualification Approach & Plan v4 approved by REC PAB & BSC PAB	Thu 29/08/24	Thu 29/08/24				Due to the delay in the confirmation of the non-functional scope it has pushed v3 timelines out, which has meant that v3 and v4 overlapped. Therefore a decision has been made to combine v3/4 and remove the milestones relating to v4. To go to July QAG to be approved to be removed
T3-QU-0062	QAG	Code Bodies	Remove	Final Qualification Approach & Plan v4 approved by REC PAB & BSC PAB	Thu 29/08/24	Thu 29/08/24				Due to the delay in the confirmation of the non-functional scope it has pushed v3 timelines out, which has meant that v3 and v4 overlapped. Therefore a decision has been made to combine v3/4 and remove the milestones relating to v4. To go to July QAG to be approved to be removed

Milestone RAG definitions

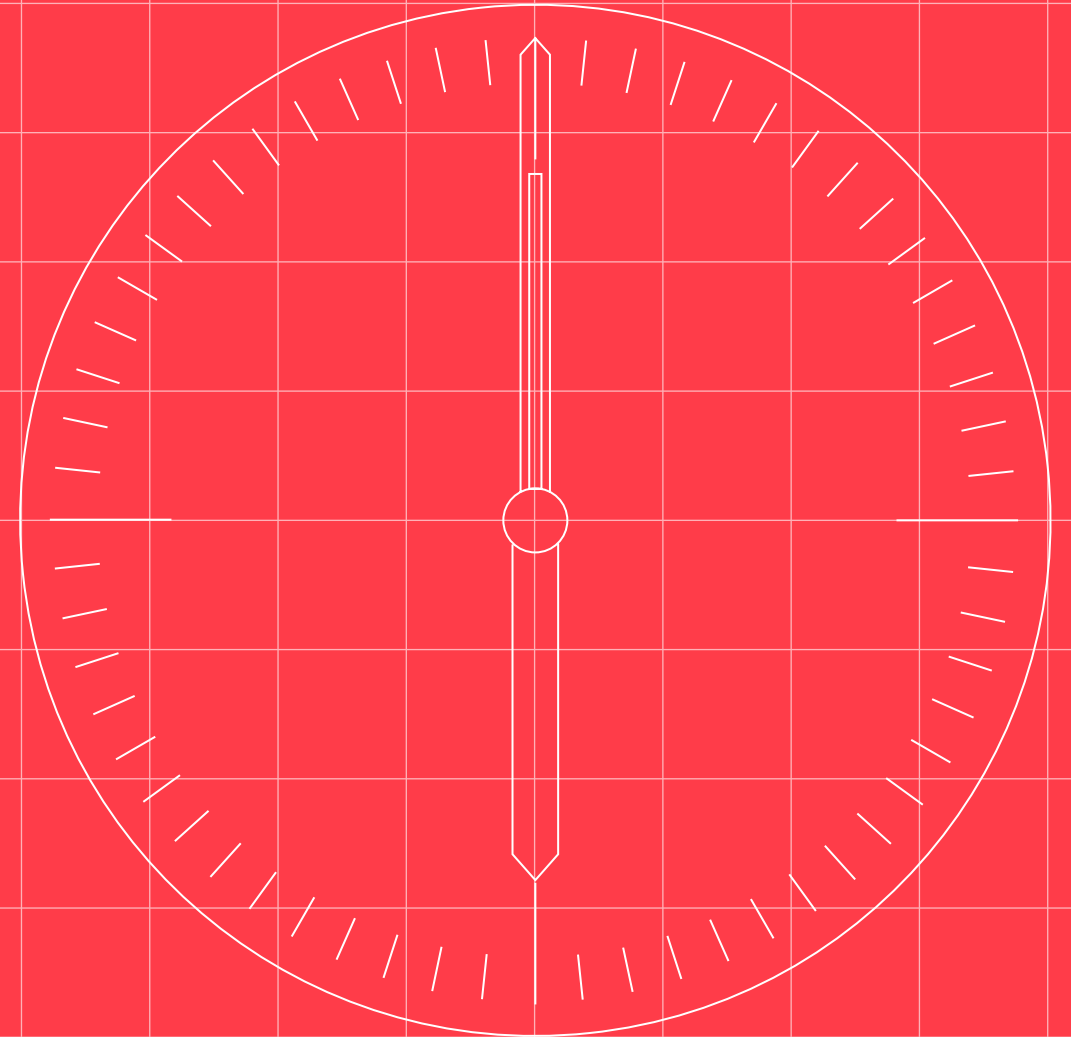
Complete	On track	Likely to be met if issues / risks are resolved / mitigated	Date missed or unlikely to be met without escalation
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Top Programme Risks Related to QAG

INFORMATION: QAG awareness of the key RAID items impacting the QAG

Chair

5 mins



Risks to Qualification success (Page 2 of 2)

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.	<ul style="list-style-type: none"> 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. Participants have submitted their PQS and PIT plans which are being reviewed 																												
Key Risks																															
Risk/Issue ID	Risk Description	Risk Score Assessment																												Current score movement since last QAG	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		
R532	There is a risk that SIT participants will need to execute additional Qualification Testing to qualify	Red					Yellow					Green					Light Green					Score increased from 17 to 18 for proximity	<ol style="list-style-type: none"> Code Bodies have sent Batch 2 of test cases. SI Test team have activities agreed to review. Code Bodies have sent set of potential requirement coverage gaps to SI Test team. This will be reviewed once ADO enhanced with traceability automation. Programme has sent request to Code Bodies to clarify PIT approach to mitigate this risk. Further discussion required between Programme SIT team, Non-SIT LDSO team and Code Bodies to mitigate this risk for SSEN and BUUK. SIT team to document their approach to PIT assurance so audit trail of the process and procedures used 								
R695	Code Bodies will not be ready to complete Supplier and Agent Qualification in time for waves (time)	Red					Yellow					Green					Light Green					Score remains at 15	<ol style="list-style-type: none"> Code Bodies have published qualification document that sets out a clear plan for required activities and associated documentation on qualification requirements (e.g. QA&P v2 (including Annex 1 and 2 on testing approach), QAD v1 and REC and BSC assessment criteria Dates from the approved QA&Pv2 to be included in the Programme Plan via CR47 and CR48 and Code Body activity is currently tracking to these dates. Code Bodies reporting progress on Qualification activities to MHHSP Programme (inc PSG, QAG and Programme Project Board). Detailed plan being developed by Code Bodies and shared with MHHSP Programme for review. 								
R928	There is a risk that SIT Testing is delayed due to technical issues or lack of resource causing a stable code base to be delivered/available later than expected to UIT. This may impact the commencement date for Non SIT LDSO QT.	Red					Yellow					Green					Light Green					New item	<ol style="list-style-type: none"> Collaboration between Code Bodies and MHHSP to understand the progress of SIT and any issues which may impact Qualification Waves commencing. Two layers of checkpoints: 1) Speaking to Participants on their readiness. Engagement and flagging any issues from Qualification PPs 2) Entry criteria into LDSO Qualification is defined at a high level included in the LDSO Test Approach 								

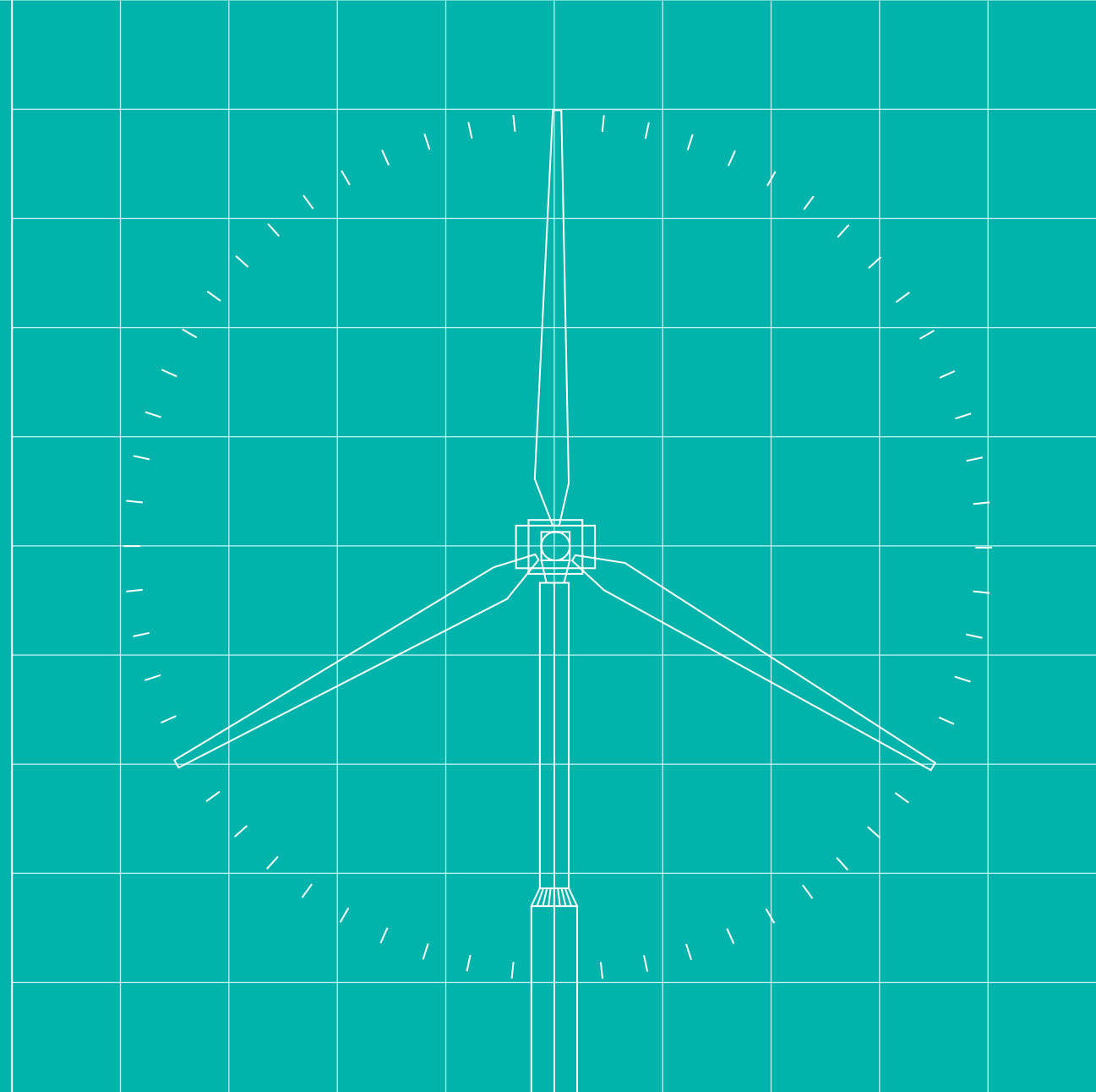
Key	
I	Initial Score
C	Current Score
T	Target Score

AOB

DISCUSSION: Participants to raise any queries on Qualification

Chair

5 mins



MHHS IPA

IPA Test Assurance

July 2024

Privileged & Confidential



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Status as at 8 July 2024 - Currently in Assurance Period 7 (P7 - July 24 - Oct 24)

Assurance Update

P7: July 2024 - October 2024

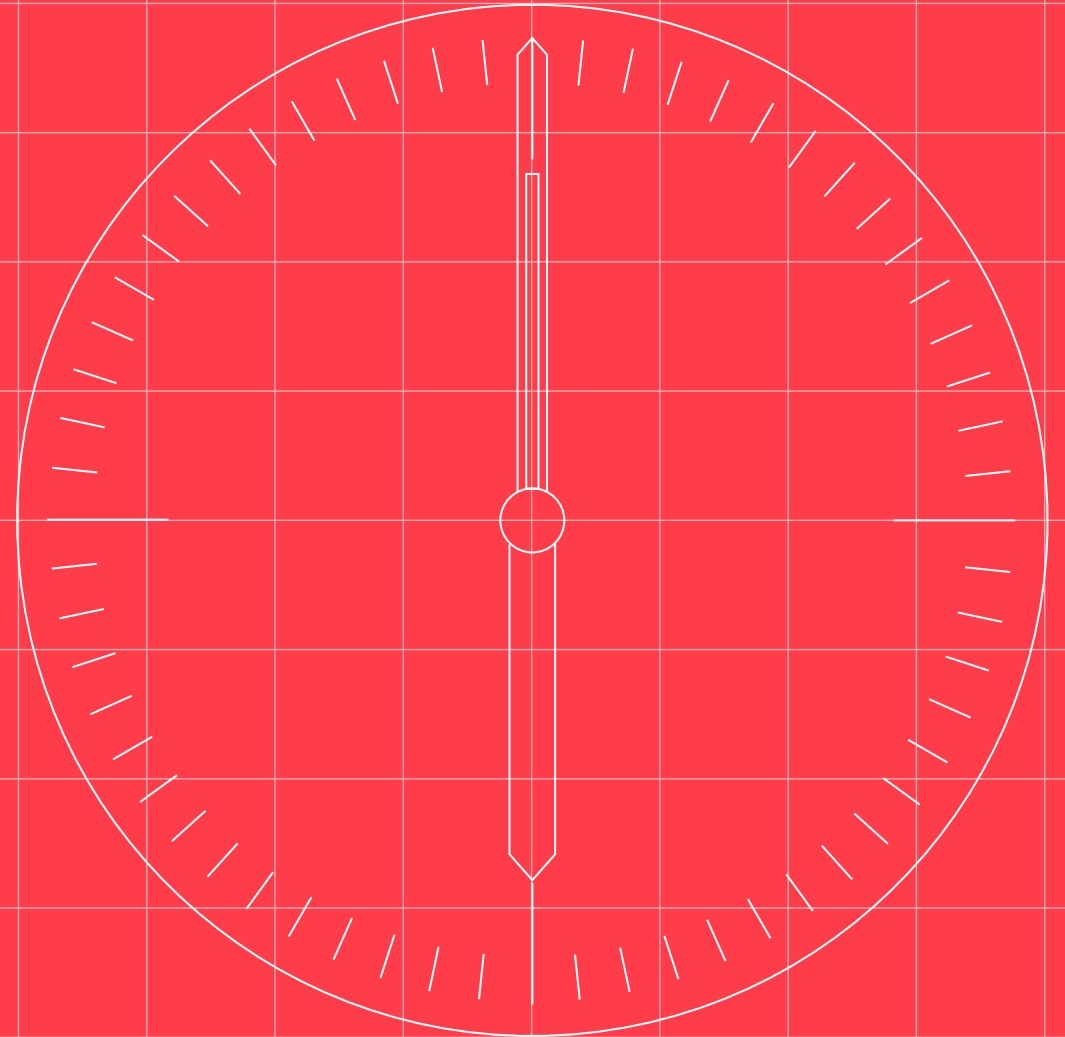
- Assurance Period 7 has started from 8 July 2024. IPA will be reaching out to participants to inform them they have been sampled from **18 July** after the QAG.
- We will be aiming to then hold all bilateral sessions with the sampled participants in a four week window from **w/c 29 July - w/c 26 August**.
- If a participant is sampled they will receive an email from “uk_mhhs_ipa@pwc.com” explaining they have been sampled, what the next steps are and a list of example topics for discussion.
- We will not ask participants to create any material or artefacts that they do not already have to limit impact as much as possible.

Summary and next steps

INFORMATION: Summarise actions and agree any agenda items for next meeting

Secretariat

5 mins



Summary and next steps

Next steps:

1. Confirm actions from meeting
2. Date of the next QWG: **Tuesday 13 August 2024**
3. Date of the next regular QAG: **Thursday 22 August 2024**
4. Date of the next LQTSG: **Wednesday 24 July 2024 at 2pm**
5. Date of the next SAQTSG: **Wednesday 07 August at 2pm**