MHHS PROGRAMME

Industry-led, Elexon facilitated

Testing and Migration Advisory Group (TMAG) #14
15 February 2023

Version 1.0

Agenda

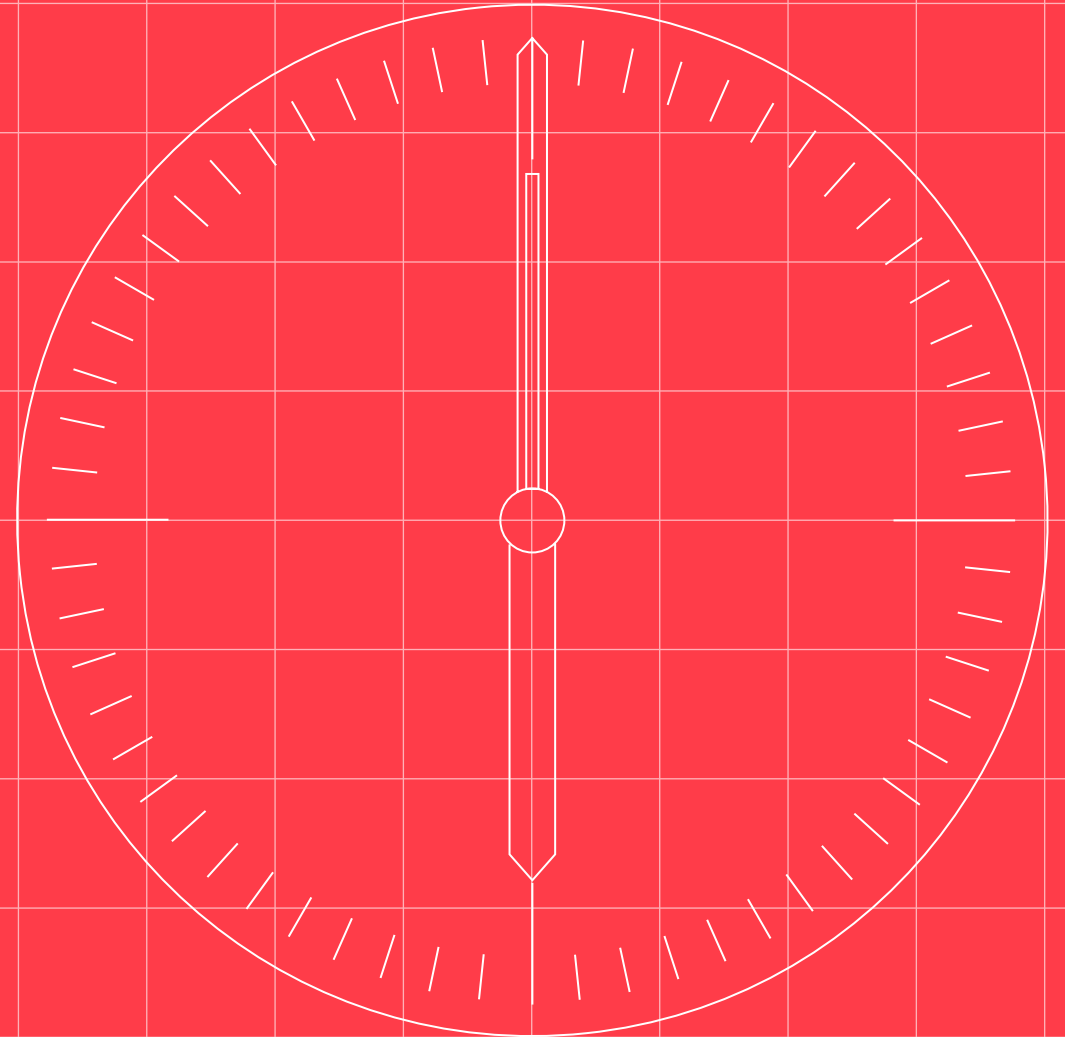| #	Item	Objective	Type	Lead	Time	Page
1	**Welcome**			Chair	10:00-10:05 *5 mins*	2
2	**Minutes and actions**	Approve minutes. Update on open actions, closing where appropriate	Decision	Chair and Secretariat	10:05-10:10 *5 mins*	3
3	**Programme updates**	Provide updates from L2/3 governance groups and wider Programme activity	Information	Programme (PMO)	*0 mins*	5
4	**Data Assessment Report Overview**	Discuss draft Data Assessment Report Overview	Discussion	John Wiggins	10:10-10:20 *10 mins*	7
5	**Environments Approach and Plan v2.2**	Approve the updated draft of the Environments Approach and Plan	Decision	Simon Berry	10:20-10:30 *10 mins*	10
6	**The future of TMAG**	Discuss industry representation in Testing and Migration in MHHS decision-making	Discussion	Chris Welby	10:30-10:40 *10 mins*	23
7	**Working group progress updates**	• Qualification update • SITWG update • NFTWG mobilisation	Information	Anna Millar Dom Mooney Nigel Hunt	10:40-10:55 *15 mins*	25
8	**Working group report**	Provide updates from discussion at the DWG, MWG, EWG, QWG, and SITWG	Information	Programme (Working group leads)	*0 mins*	29
9	**Summary and next steps**	Summarise actions/decisions and look ahead to the next TMAG	Information	Chair and Secretariat	10:55-11:00 *5 mins*	31
	Attachments	• Attachment 1 Environments Approach and Plan v2.2 • Attachment 2 Data Assessment Report v0.2				

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Document Classification: Public

Minutes and actions

DECISION/INFORMATION: Approve minutes. Update on open actions, closing where appropriate

Chair and Secretariat

5 mins

Minutes and Actions review

1. **Approval of Minutes** from last TMAG
2. **Open Actions and Actions from previous TMAG** (actions will be discussed by exception. Please review the action updates ahead of the meeting)
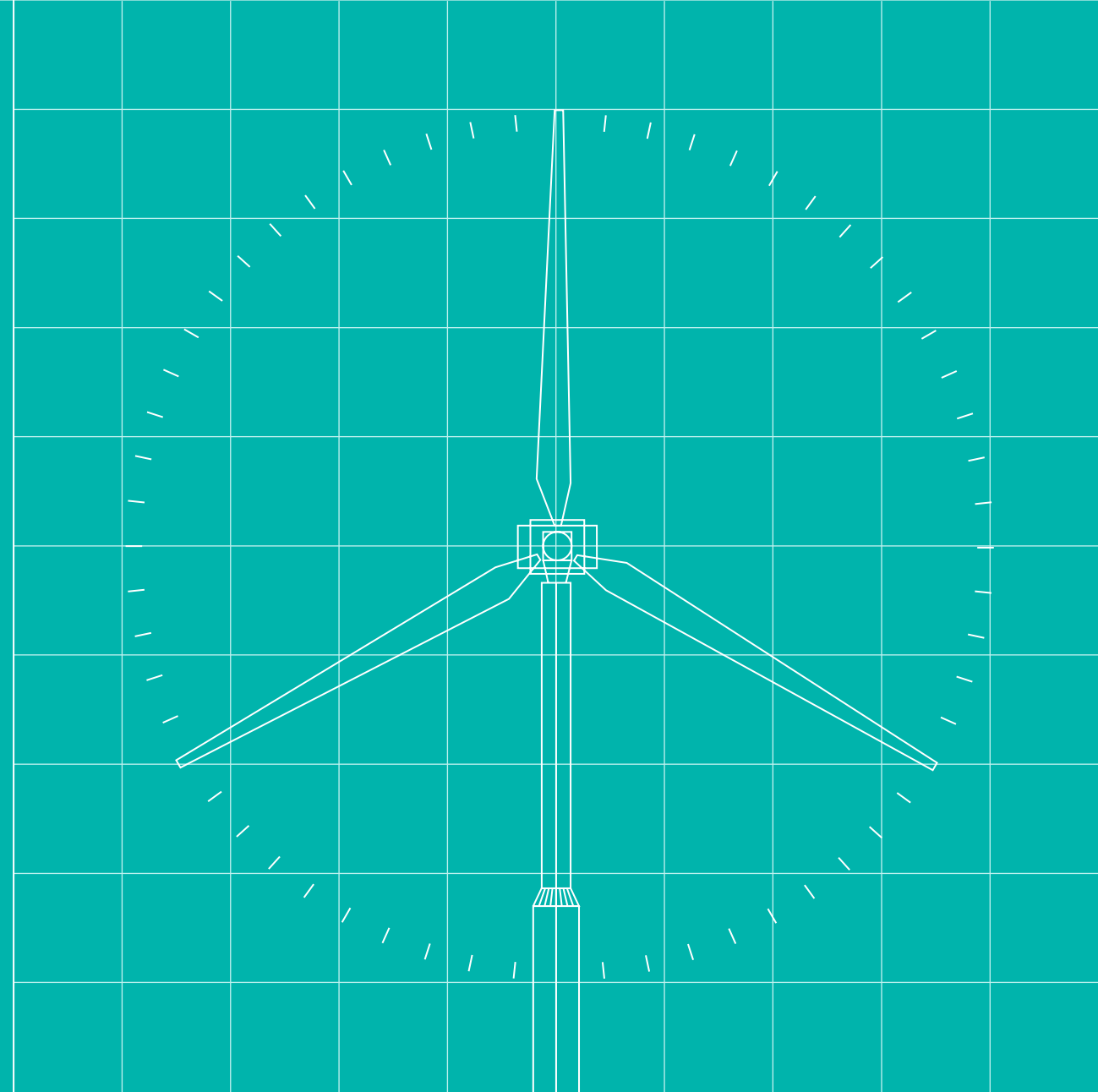
Ref	Date	Action	Owner	Due	Status	Latest Update
TMAG08-02	17/08/22	Respond to Programme replan consultation. Encourage constituents to respond to the consultation	TMAG members	26/08/22	Recommend closed	Round 3 consultation closed at the end of January.

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Programme updates

INFORMATION: Provide updates from L2/3 governance groups and wider Programme activity

PMO

0 mins – taken as read, questions by exception

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Programme Updates

Governance group updates

Programme Steering Group (PSG)

Update from PSG 01 February 2023

1. **Avanade introduction –** The new DIP provider, Avanade, provided an overview of themselves and their DBT plan
2. **Status updates –** The PSG heard updates on progress of the M5 Work-Off Plan (which was being proposed for sign off at DAG) and Round 3 of consultation on the Programme plan (which had an excellent response rate with a positive outlook for SIT).
3. **Benefits Realisation Plan** – The PSG discussed the approach to benefits realisation post-go live and approved the updated Benefits Realisation Plan
4. **Change Control –** The PSG approved CR013, agreed to raise CR015 to Impact Assessment, and heard an update on the outcome of CR016
5. **Working Group Engagement –** The PSG discussed analysis on the engagement of constituencies and the organisations within them at the various MHHS Working Groups.

PSG papers available here.

Testing and Migration Advisory Group (TMAG)

Update from TMAG 18 January 2023

1. **Qualification update –** The Programme updated on qualification activity with Code Bodies and at the Qualification and E2E Sandbox Working Group (QWG).
2. **Migration and data deliverables –** The Programme shared the forward plan for Data Assessment Report and Migration, Cutover and Data Strategy deliverables. The Programme provided an overview of the content of the Data Assessment Report.
3. **SITWG update – T**he Programme updated on activity taking place on Systems Integration Testing (SIT) at the SITWG.
4. **NFWT mobilisation –** The Programme explained intentions to mobilise a Non-Functional Testing Working Group (NFTWG) in February.

TMAG papers available here

Design Advisory Group (DAG)

Updates from DAG 11 January 2023

1. **Actions Review:** An in depth review of outstanding actions was undertaken, with updates provided on the approach to performance assurance requirements, implementation of the Enduring Design Hub, and classification of the Meter Point Registration Service (MPRS) as a central system.
2. **M5 Work-Off Plan:** Updates were provided on the M5 Work-Off Plan and the Programme Change Requests needed to facilitate impact assessment of options for work-off items D-012 (E7/E10 settlement differential) and D-013 (registration service operating hours).
3. **Post M5 Design Change Procedure:** The DAG approved the draft procedure and draft Design Authority (DA) Terms of Reference, subject to amendments. The DA will be responsible for reviewing design issues and agreeing minor changes to design artefacts. The DA is a closed group with industry representation appointed by DAG constituency representatives.

DAG papers available here

Cross Code Advisory Group (CCAG)

Update from CCAG 25 January 2023

1. **Qualification Code Drafting –** A dependency on the Qualification Assessment Document (QAD) exists. The Programme are working with the BSC to develop this, and items will be tabled at the next Qualification and E2E Sandbox Working Group (QWG) on 14 February 2023.
2. **Performance Assurance Requirements –** Currently under development by the Elexon-led Performance Assurance Working Group (PAWG). Timelines for delivery of PA requirements are under close review.
3. **Horizon Scanning Log –** Latest updates were provided by Code Bodies. Several related cross-code changes are either due to be delivered to Ofgem for, or awaiting, decision (see BSC P432, DCUSA DCP414, REC R0015). BSC Issue 101 (DIP FGO) is ongoing and interested parties encourage to attend discussion group.
4. **Code Drafting –** The governance of consequential change code drafting was discussed and the Programme advised the first code drafting topic areas have commence (Data and Metering Services.

CCAG papers available here

Wider Programme updates

Round 3 Replan Consultation

Round 3 of **consultation on the updated draft of the MHHS Programme plan** opened on 14 December 2022**. Responses are due by COP 31 January 2023.** Participants interested in System Integration Testing (SIT) were requested to respond by 16 January 2023.

In this round, it is important that responses include Delivery Plans so the Programme can pass Milestone 3 (M3) unconditionally.

The Programme held **Replan Playback sessions at the start of January**. These sessions explained the Artefacts and walked through the plan. Slides and recordings are available on the Events page of the MHHS website.

Design Artefact Assurance Review:

Assurance review on change-marked versions of the updated Design Artefacts on the M5 Design Work-Off Plan closed on 13 January. The Programme has now reviewed all feedback and provided responses to the comments along with the revised Design Artefacts.

An **Assurance Meeting is scheduled for Friday 27 January 2023** to review assurance comments and to confirm the recommendation to the Design Advisory Group (DAG) for approval. **A full status report for the Work-Off Plan will be included in DAG papers** ahead of an approval decision on 01 February 2023.

Design Change Management update:
The Design Advisory Group has **approved the Design Change Management process.** This included **mobilisation of the Design Authority (DA)**. The Design Authority will be made up of constituency representative, with a call for representatives shared via the DAG.

A **webinar on the Design Change Management process took place** on Monday 16 January 2023. Slides and recordings are available on the Events page of the MHHS website.
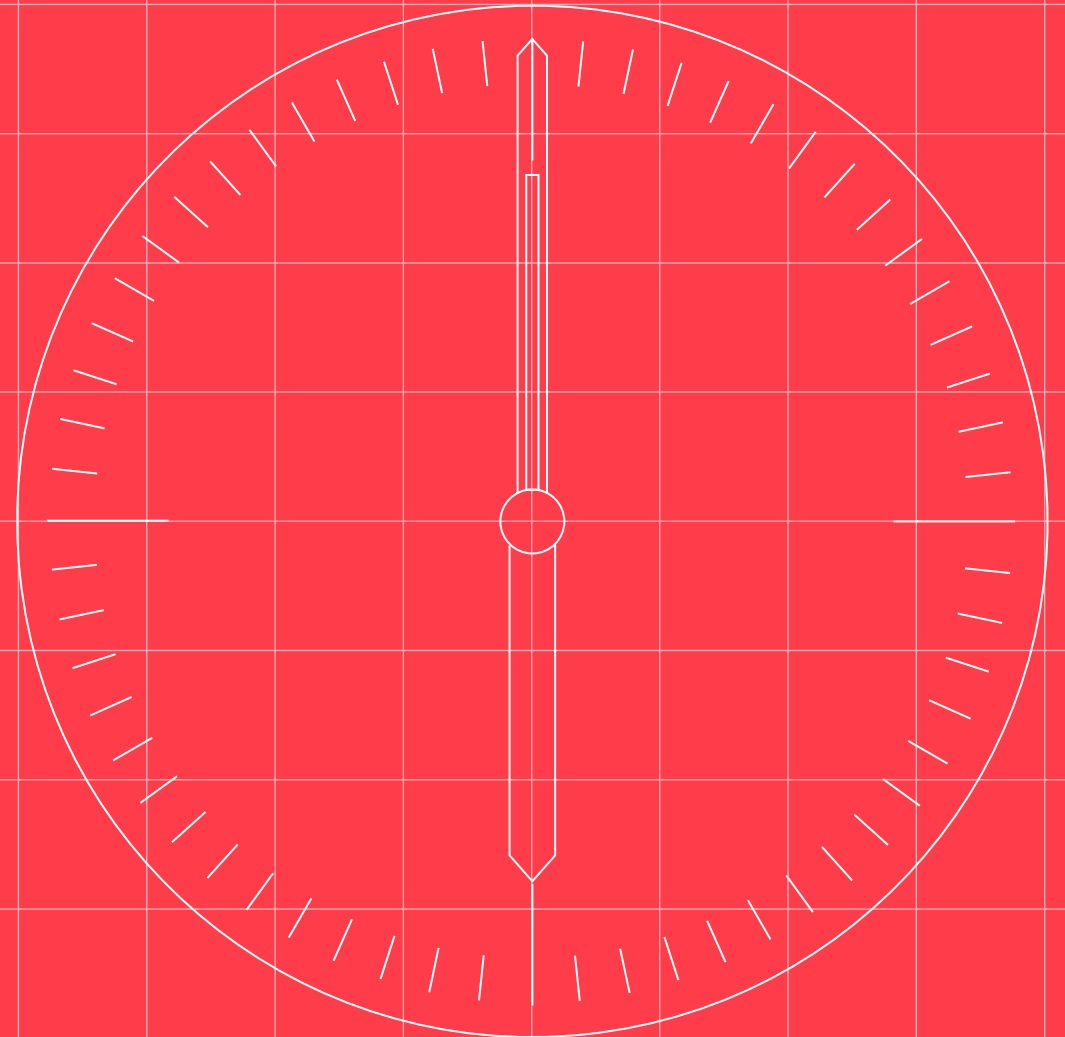
Other updates:
- **Non-Functional Testing Working Group (NFTWG) being mobilised**
- The Programme is producing **MHHS testing software** to aid testing in Pre-Integration Testing and Systems Integration Testing. Release 1 will include 15 priority Interfaces Load Shape, Consumption and some Registration interfaces within the Data Integration Platform (DIP) Simulator. The **release will align with the Work-Off Plan and will be communicated via the Clock**
- **Ofgem Sponsor Rachel Clark is leaving Ofgem** at the end of January
- The Programme held a **webinar on Delivering Milestone M3 and demonstrating participant readiness for Design, Build and Test (DBT).** Slides and recordings are available on the Events page of the MHHS website.

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Data Assessment Report Overview

DISCUSSION: Discuss draft Data Assessment Report Overview

John Wiggins

10 mins

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- The draft Data Assessment Report has been provided within the meeting papers for this TMAG

- Feedback is requested by the Friday the 17th of Feb, to be sent to the migration mailbox migration@mhhsprogramme.co.uk

- The final report will be published on the 21st Feb which is the paper day for the extraordinary TMAG scheduled for the 28th of Feb
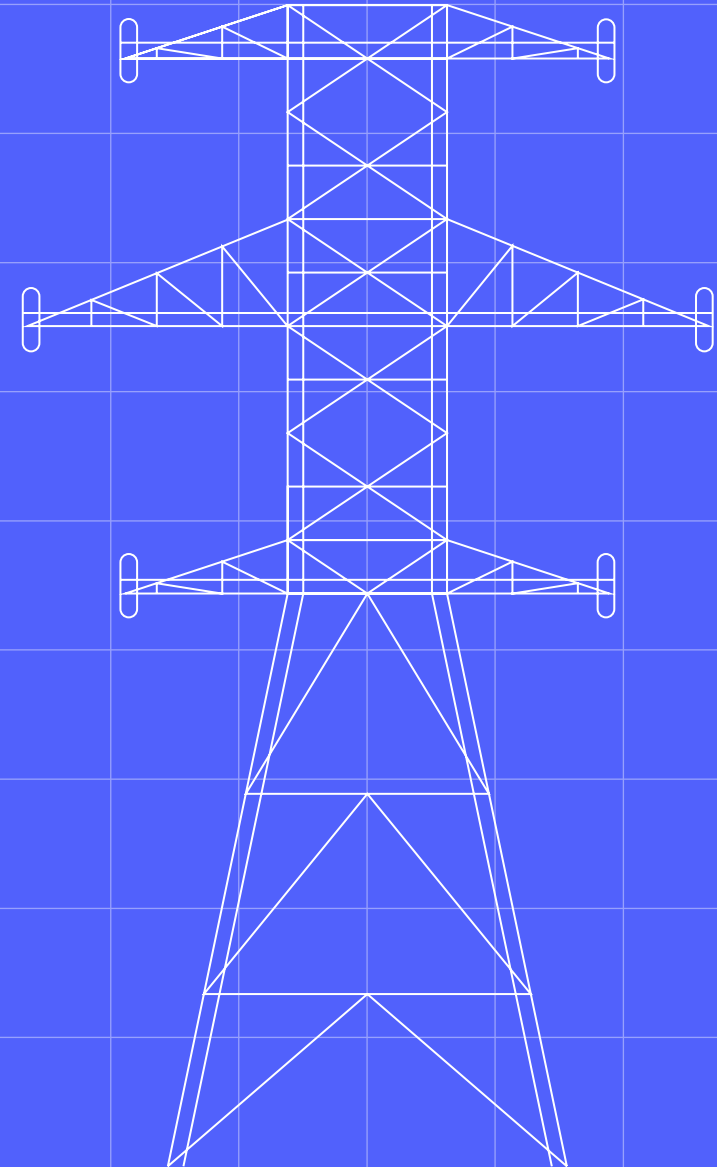
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1. **Smart meter technical data:** The MHHS design requires each Registration Service to hold a record of smart meter technical data for each MPAN that has a smart meter installed. A new industry initiative and supporting code changes are required to ensure that all required data is populated by the start of the migration phase.

2. **Population and Maintenance of industry reference data:** The existing industry reference data set is supported within Market Domain Data (MDD), which is mastered by Elexon. A new reference data set has been created to support the new MHHS arrangements, Industry Standing Data (ISD). Both MDD and ISD will be required to co-exist across the testing and migration phases (and possibly longer). The ISD data must be populated to support the testing phases and become a 'live' artefact prior to the start of the migration period, in addition, business processes must be in place to ensure correct maintenance and alignment with MDD.

3. **Migration Transactional data:** Meter readings and meter technical details (except for smart meters) must be transferred to support migration of each individual MPAN. Missing or low quality data will impact migration, either via high exception rates or subsequent operational failures once a MPAN is in the new arrangements.

4. **4. Transformation of MPAN data within the Registration Service:** Several new data items will be created within the Registration Services to support the new arrangements. This data will be populated via transformation of existing data. In some cases, the legacy data may be incomplete or incorrect which will prevent the automated transformation (via a defined set of business rules). Exceptions will need to be resolved by the party who masters the specific data which caused the failure.

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Environments Approach and Plan v2.2

DECISION: Approve the updated draft of the Environments Approach and Plan
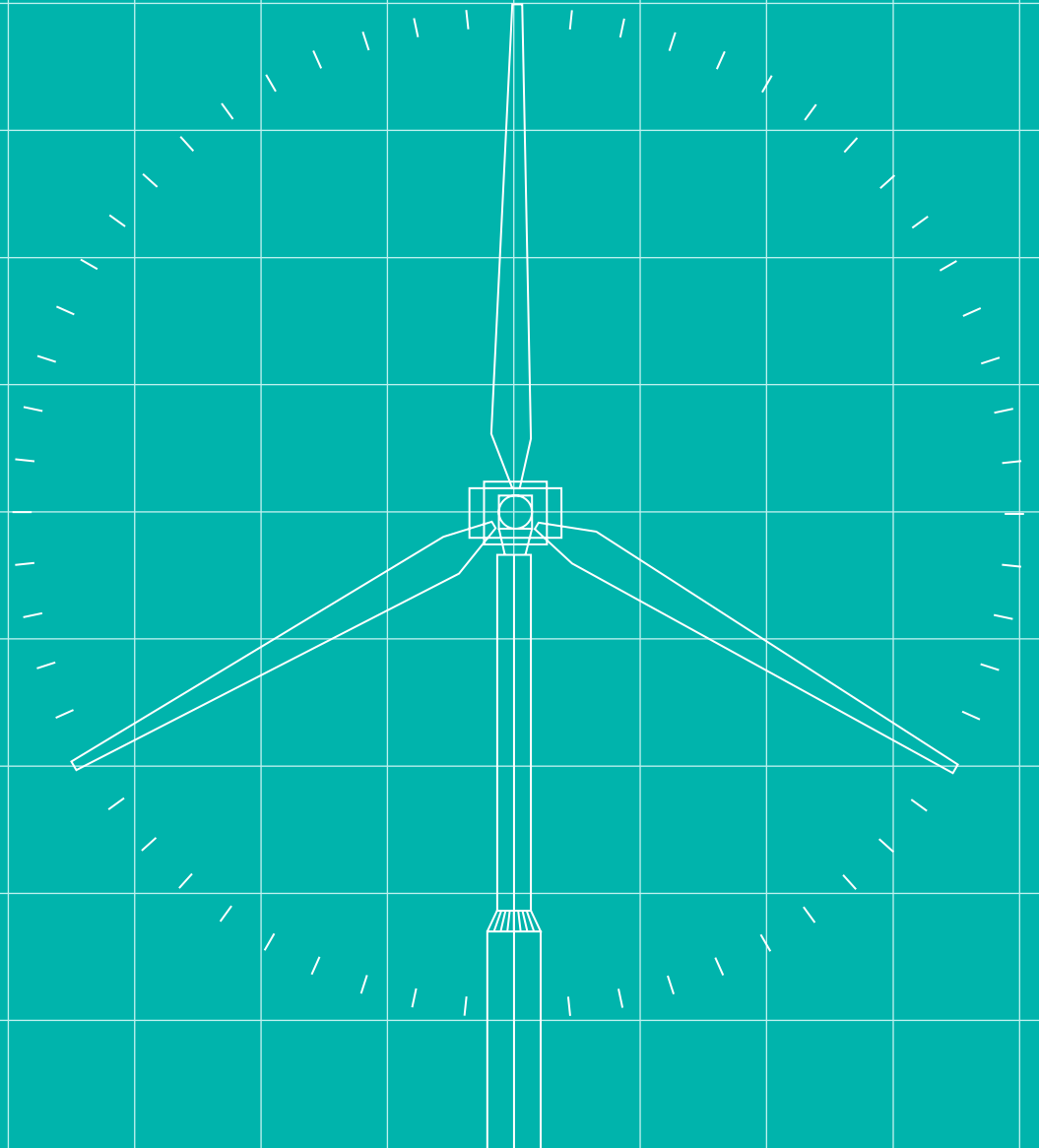
Simon Berry

10 mins

Environments Approach & Plan

- At the point of handover in December the Environment & Release Manager inherited a work-off plan for updates to version 2.1 of the document.
  - E2E Test Environment Overview diagram
  - Environment Details Template

- In the January EWG we presented the Test Phase timeline that stated when the various test phases would take place. The slides that we discussed in the January EWG and the supplementary slides that were issued in the Headline Report have been incorporated into v2.2 of the document.

- The changes to the document are stated in the Change History.

- The document has been reviewed and approved by LDP and SRO.

- The document is at a status of 'Approved Draft', as the changes from v2.1 are minor I do not propose to issue to Programme Participants for review but to provide a view of the changes in the attached slides with a recommendation that TMAG approve v2.2 for issue.

Section 9 – *New Section*
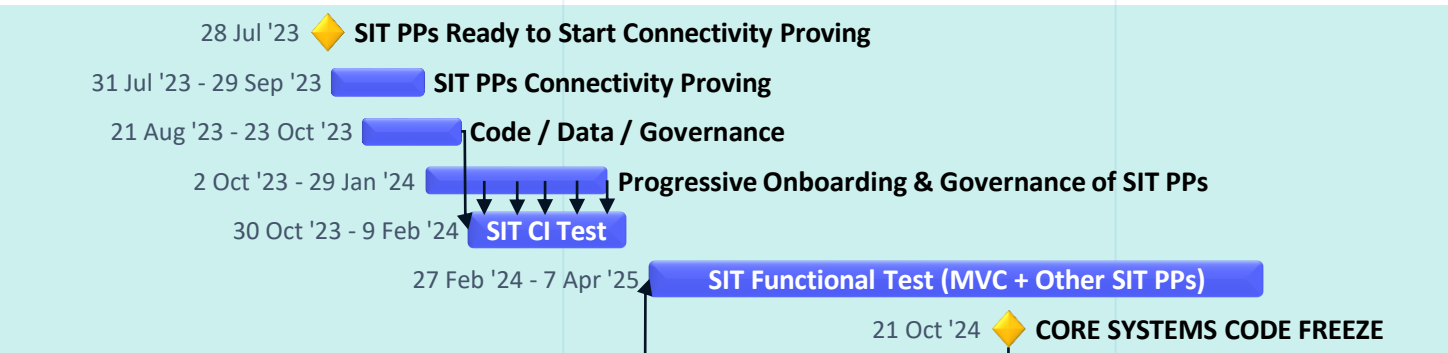Test Phases and Concurrent Environment Requirements

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SIT and UIT Test Timelines

2023   2024   2025   2026   **2026**

SIT A

- 28 Jul '23 — SIT PPs Ready to Start Connectivity Proving
- 31 Jul '23 - 29 Sep '23 — SIT PPs Connectivity Proving
- 21 Aug '23 - 23 Oct '23 — Code / Data / Governance
- 2 Oct '23 - 29 Jan '24 — Progressive Onboarding & Governance of SIT PPs
- 30 Oct '23 - 9 Feb '24 — SIT CI Test
- 27 Feb '24 - 7 Apr '25 — SIT Functional Test (MVC + Other SIT PPs)
- 21 Oct '24 — CORE SYSTEMS CODE FREEZE

SIT Staging

- 13 Nov '23 — SIT Central Parties' Ready to Start Connectivity Proving
- 14 Nov '23 - 15 Jan '24 — SIT Central Parties' Connectivity Proving
- 19 Dec '23 - 19 Feb '24 — Code / Data / Reg Test / Governance
- 27 Feb '24 - 19 Jan '26 — Required for Code Release Testing (SIT then UIT)

SIT B

- 26 Feb '24 — SIT PPs Ready to Start Connectivity Proving
- 27 Feb '24 - 29 Apr '24 — SIT PPs Connectivity Proving
- 10 Jun '24 - 7 Apr '25 — SIT Mig Test (MVC + Other SIT PPs)
- 2 Sep '24 - 7 Apr '25 — SIT NFT (MVC + Other SIT PPs)
- 7 Oct '24 - 7 Apr '25 — SIT Ops Test (MVC + Other SIT PPs)

UIT

- 9 Jul '24 — Central Parties' Ready to Start Connectivity Proving
- 10 Jul '24 - 10 Sep '24 — Central Parties' Connectivity Proving
- 14 Aug '24 - 15 Oct '24 — Code / Data / Reg Test / Governance
- 22 Oct '24 - 31 Dec '26 — E2E Sandbox Testing
- 20 Jan '25 - 19 Jan '26 — Qualification Testing

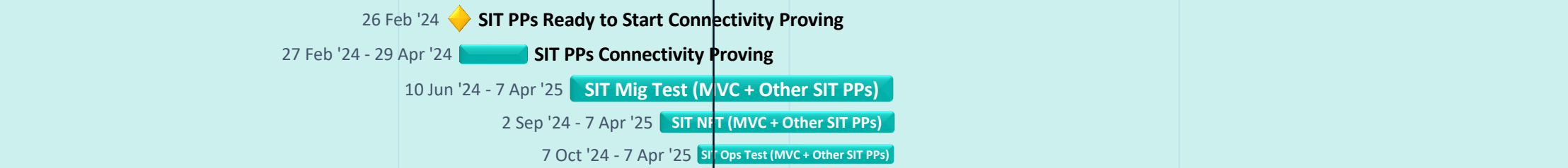### MHHS Test Environments –

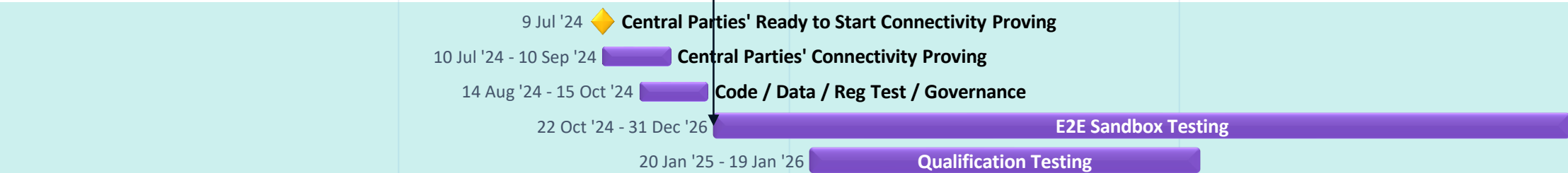| Env	SIT Stage(s)	Required By
SIT A	CIT Functional Test	Start of CIT
SIT Staging	Functional Test	Start of Functional Test
SIT B	Migration Test Non-Functional Test Operational Test	Start of Migration Test
UIT	E2E Sandbox Test Qualification Test	Start of E2E Sandbox

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Connectivity Proving Phase

Environment Connectivity Proving is essentially establishing Environment Readiness and will include Programme Parties;

- Requesting and installing PKI (TLS and JWS) certificates

- Registering Webhooks

- Demonstrating the use of APIs

- Connecting to each end point for each organisation by Market Role

Lessons learned from previous large scale industry programmes have identified that establishing and proving connectivity prior to the start of testing for Programme Participants has been problematic.

These problems have tended to impact the commencement of test execution.

A dedicated Environment Connectivity Proving stage will enable connectivity activities to be more closely monitored and supported and will act as a Quality Gate for subsequent test activities.

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Test Environment Availability Requirements

Environment	Required from	Required to	Sandbox end
SIT-A	23-Jul-23	07-Apr-25	
SIT Staging	13-Nov-23	19-Jan-26	
SIT-B	26-Feb-24	19-Jan-26	
UIT	09-Jul-24	19-Jan-26	31-Dec-26

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Concurrent Environments to support SIT & UIT

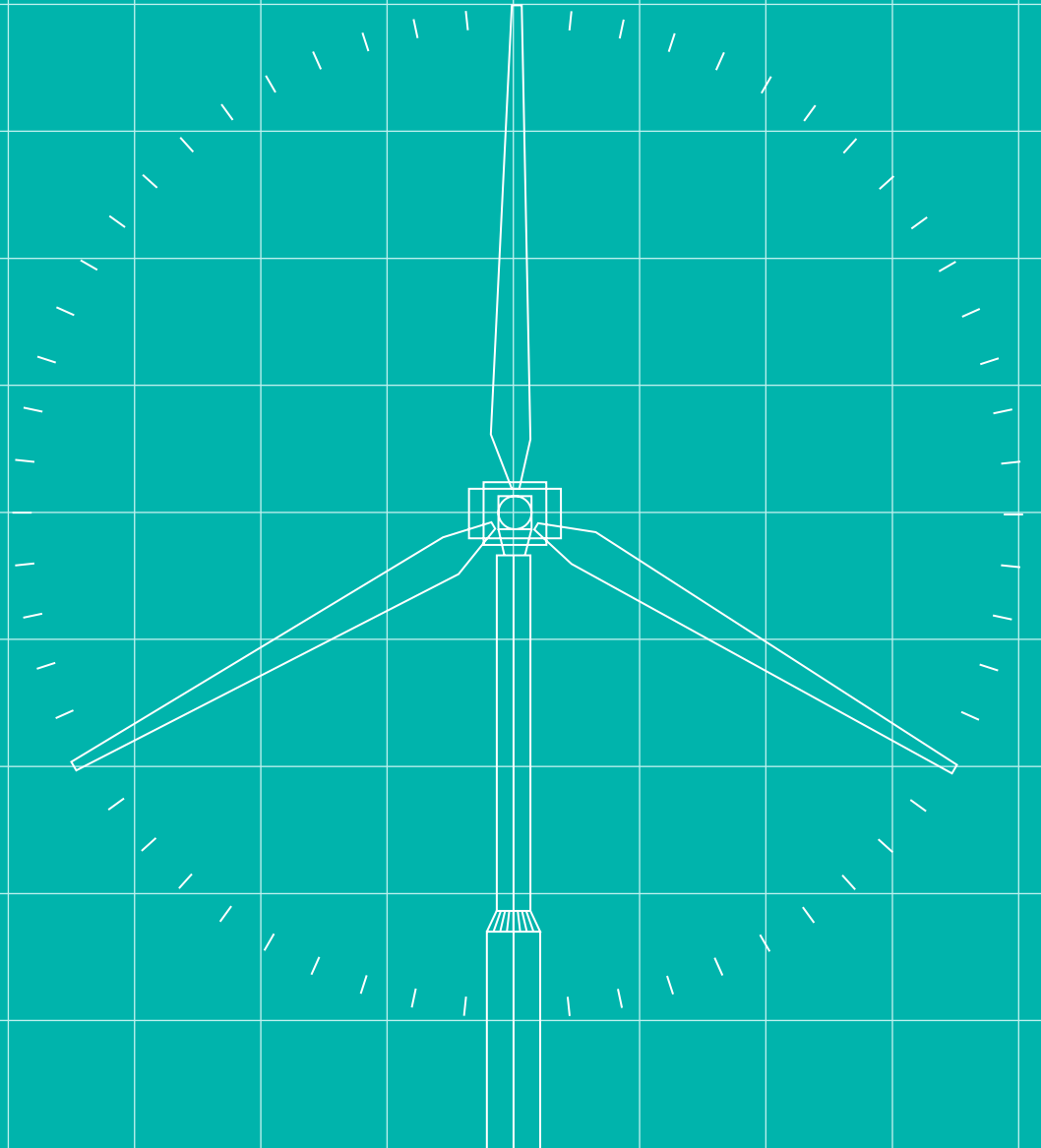| # concurrent environments	From	To	SIT-A	SIT Staging	SIT-B	UIT	Notes
1	23-Jul-23	13-Nov-23	Y	N	N	N	SIT-A is the first environment to be stood up to support SIT Testing.
2	13-Nov-23	26-Feb-24	Y	Y	N	N	SIT Staging Environment from 13th November, 2023.
3	26-Feb-24	09-Jul-24	Y	Y	Y	N	SIT-B environment from 26th February, 2024.
4	09-Jul-24	07-Apr-25	Y	Y	Y	Y	UIT environment added. At peak all 4 environments operating in parallel.
2	07-Apr-25	19-Jan-26	N	Y	N	Y	SIT-A and SIT-B environments no longer required as SIT Functional, Non-Functional and Migration Testing have completed.
1	19-Jan-26	31-Dec-26	N	N	N	Y	Qualification Testing completed in the UIT Environment. No requirement for additional code releases, therefore no need for the SIT Staging Environment. UIT only used for Sandbox Testing.
0	31-Dec-26		N	N	N	N	Sandbox Testing complete at the end of 2026. No ongoing requirements for environments.

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Concurrent Environments to support SIT only

# concurrent environments	From	To	SIT-A	SIT Staging	SIT-B	Notes
1	23-Jul-23	13-Nov-23	Y	N	N	SIT-A is the first environment to be stood up to support SIT Functional Testing.
2	13-Nov-23	26-Feb-24	Y	Y	N	SIT Staging environment from 13th November, 2023.
3	26-Feb-24	07-Apr-25	Y	Y	Y	SIT-B environment from 26th February, 2024.
0	07-Apr-25		N	N	N	End of SIT Functional, Non-Functional and Migration Testing. Programme Participant has participated in SIT Testing, therefore no need to undertake Qualification Testing, therefore no requirement for UIT environment. All SIT environments stood down.

Concurrent Environments to support UIT only

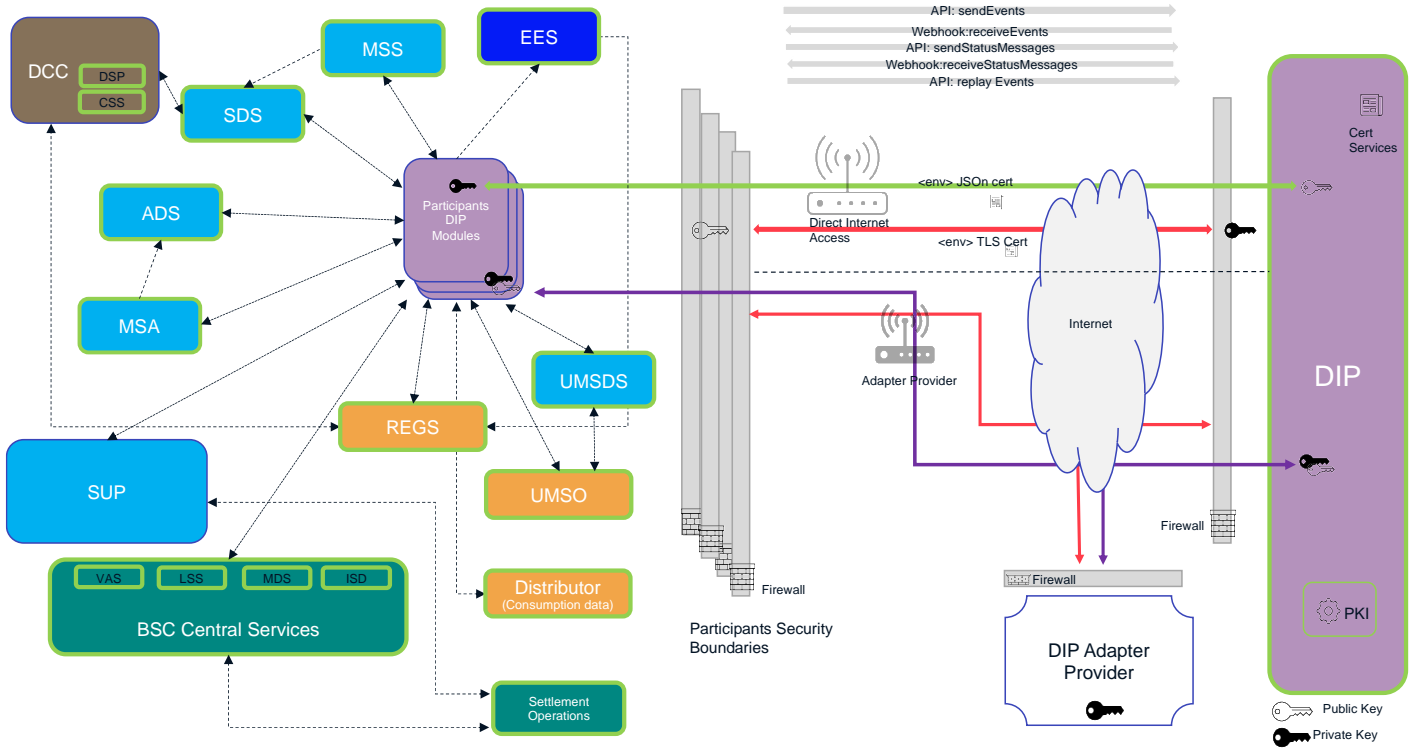| # concurrent environments	From	To	SIT Staging	UIT	Notes
1	13-Nov-23	19-Jan-26	Y	N	SIT Staging Environment required.
2	09-Jul-24	19-Jan-26	Y	Y	UIT Environment required.
1	19-Jan-26	31-Dec-26	N	Y	No more code releases planned. SIT Staging environment no longer required
0	31-Dec-26		N	N	End of UIT Sandbox testing. No ongoing requirement for environments.

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Section 10
Test Environment End to End Overview
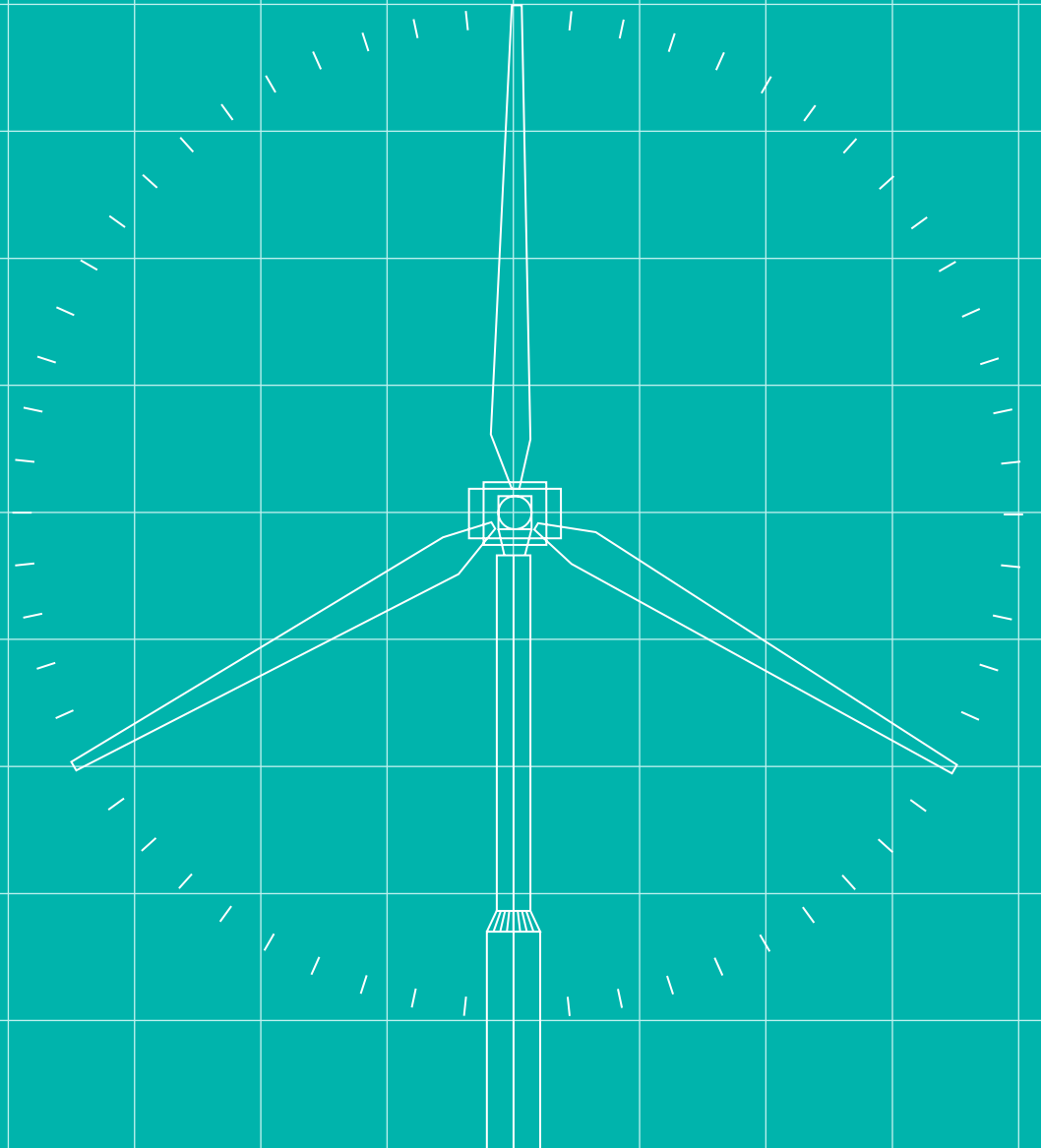
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Test Environment End to End Overview

End to End Overview

Abbreviation	Long Description	Abbreviation	Long Description
ADS	Advanced Data Services	MSA	Advanced Metering Service
CSS	Central Switching Service	MSS	Metering Service Smart
DIP	Data Integration Provider	REGS	Registration Service
DSP	Data Service Provider	SDS	Smart Data Services
EES	Electricity Enquiry Service	SUP	Supplier
ISD	Industry Standing Data	UMSDS	Unmetered Supplies Data Service
LDOS	LDSO Ops	UMSO	Unmetered Supplies Operator
LSS	Load Shaping Service	VAS	Volume Allocation Service
MDS	Market Wide Data Service		

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Section 11
Environment Details Template

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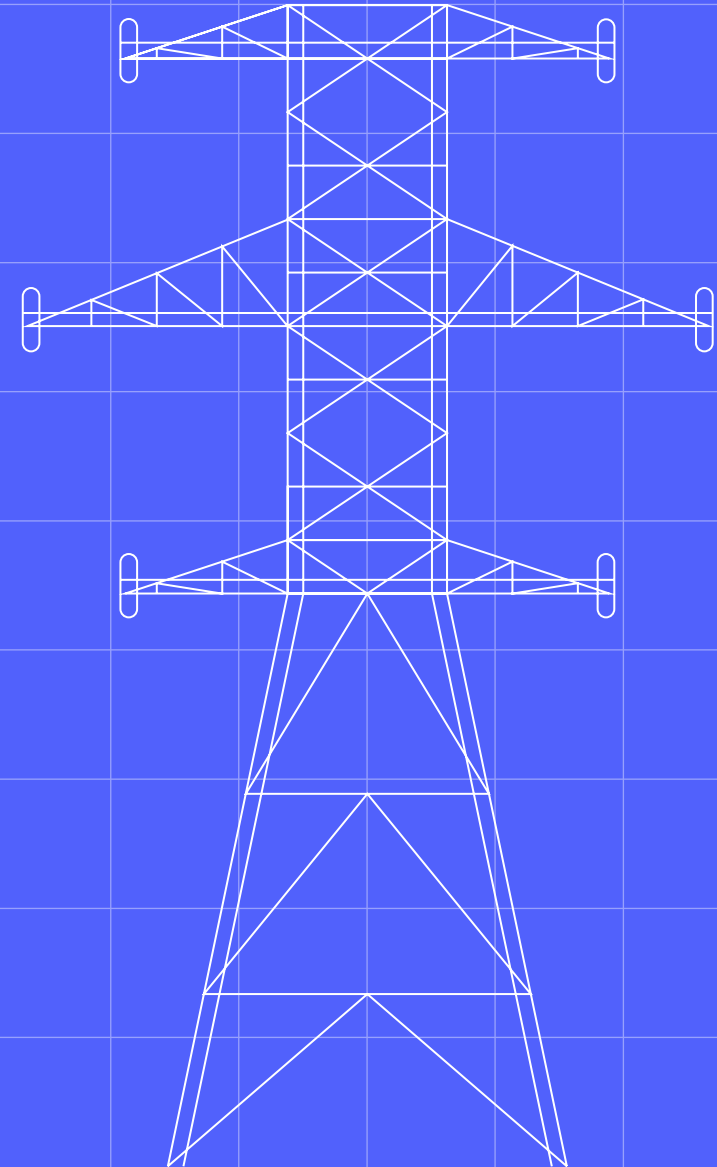
Environment Details Template

Category	Description	Details
Participant Name		It is important we know who you are and who to reach out to. This information will be stored centrally on the Programme's CRM
Test Lead name		
Environment contact name(s)		
System/Application name		Fill in a template for each system that will be involved in MHHS testing
SIT Staging Environment	Name of environment that will connect to SIT staging	• Early thoughts and ideas to help us in planning • Let us know initial thinking for each environment • Will an environment be provided? • If not provided will an environment be re-purposed? • What are your thoughts and constraints in making these decisions
SIT A Environment	Name of environment connecting to SIT Component and Functional test	
SIT B Environment	Name of environment connecting to SIT NFT, Migration and Operational testing	
UIT Environment	Name of environment connecting to UIT Qualification and E2E sandbox testing	
Platform	Infrastructure e.g. cloud, on prem, operating system, etc	This info will help when building environments are built and aids connectivity tests
Interfaces	Protocol used connect to integrated systems	
Sizing, Configuration and Connectivity details	High level understanding of network interfaces e.g how does the environment connect?	
Readiness	What are the set of smoke checks/tests in place?	Despite being early in the process to confirm this level of information, it would be helpful to understand what is envisaged.
☐ Readiness Time	How long do readiness checks take to execute	
Scheduled Downtime	Planned environment downtime e.g.. maintenance, data refreshes, etc	
Support	Support mechanism for environment issues	
Environment Alert Mechanism	Alert process for environment issues e.g. email subscriptions, Teams alert channels, etc	
Monitoring Tool	Tool used to ensure environment is running	
Environment Set up time	Timeframe to prepare environment	
Data Checks	Are there checks in place to ensure data readiness	
Release Mechanism	Release process description including tool	It is important to understand the release process and the time taken as it ensures sufficient time is given to release code
☐ Deployment Time	Time taken to deploy code	
Shared Usage	Is the environment used by other functions apart from MHHS testing?	Confirm that the environments being provisioned are solely used for MHHS testing

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The future of TMAG

DISCUSSION: Discuss industry representation in Testing and Migration in MHHS decision-making

Chris Welby

10 mins

The future of TMAG

Background

- Since the Testing and Migration Advisory Group (TMAG) was expanded from just the Testing Advisory Group (TAG), there has been acknowledgement that Testing and Migration may need to split into two separate advisory groups in the future, pending workstream need
- It has also been noted that different expertise may be required to make decisions on Testing and Migration, and hence industry may require different representatives in MHHS decision-making bodies. This has been raised again recently and we have allowed two members to co-represent Large Suppliers (rather than the seat be vacant).
- Agreeing a way forward needs the right balance of efficiency and pragmatism (such as minimizing the number of groups we have stood up) while ensuring we have adequate industry representation in decision making

Options for TMAG going forward

	Summary	Pros	Cons
A	**Do nothing and continue as we are. Maintain TMAG and only allow one representative per constituency**	• Easiest option • No CR required	• Does not solve problem and issue with representation likely to persist
B	**Maintain TMAG but allow two representative attendees per constituency (where separate attendees are required)**	• Relatively easy to implement	• May be complicated when it comes to voting • Unclear separation between Migration and Testing
C	**Maintain TMAG but allow two representative attendees per constituency. Split TMAG meetings into two parts, with a buffer/break in the middle to allow a rep swap**	• Relatively easy to implement • Clear separation between Test and Migration	• Minor logistical change
D	**Separate TMAG into two separate Advisory Groups**	• Clear separation between Test and Migration	• Less efficient – larger workload for Programme and industry, with more groups required • May be challenging to fill rep seats in both • CR required to change Governance Framework

For all options, we will continue to monitor and adjust the approach as required in future

Next steps

1. TMAG to agree favoured option
2. Programme to implement. If a Change Request is required, the Programme will draft and take to PSG for review as TMAG's parent group
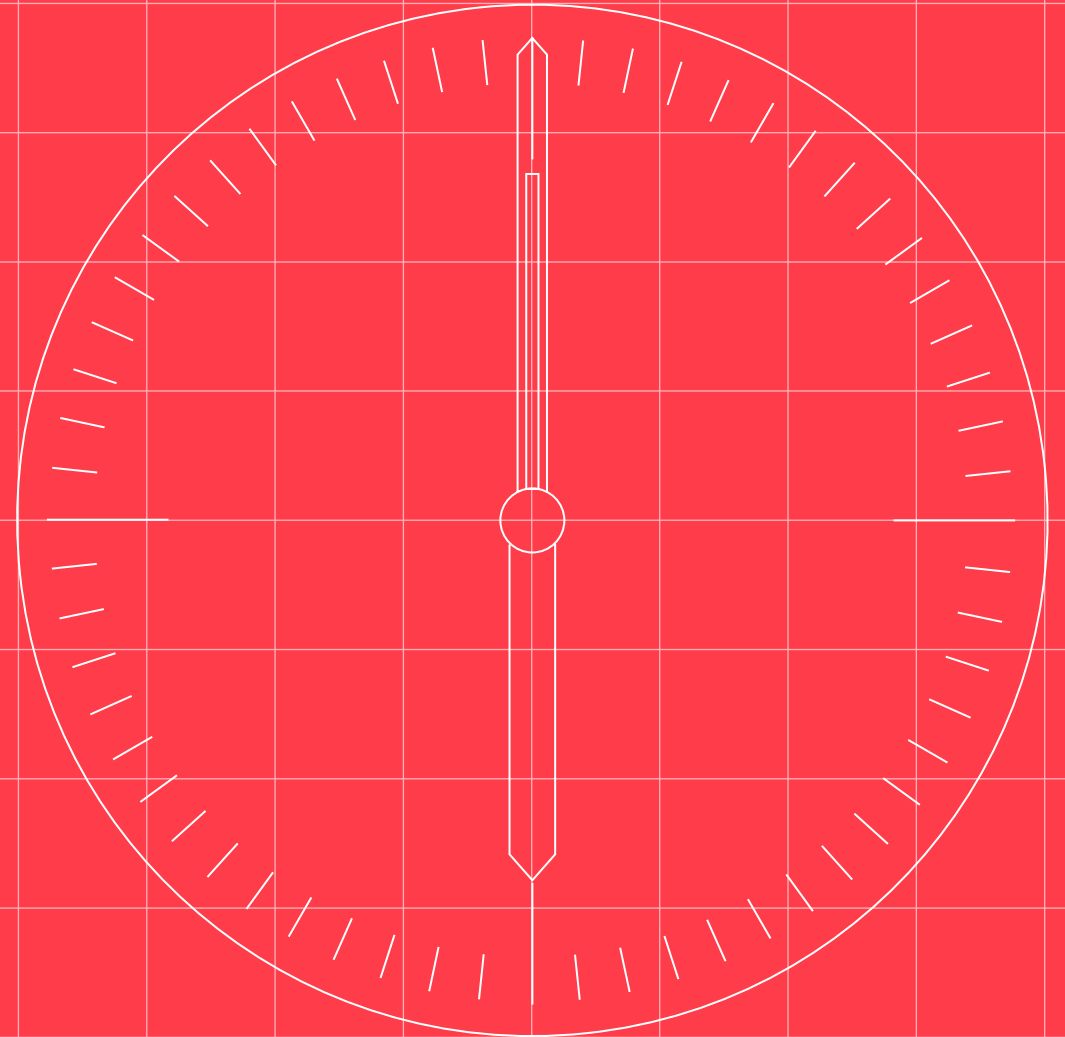
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Progress updates

INFORMATION:
- Qualification update
- SITWG update
- NFTWG mobilisation

Anna Millar
Dom Mooney
Nigel Hunt

15 mins

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- Code Bodies set out that the high-level obligation MHHS Qualification phase already in place within the BSC and the REC and that further Code drafting is not required for Qualification activities for the MHHS programme.

- Code Bodies set out the key principles for MHHS Qualification including the interaction between Qualification and MHHSP testing requirements

- Code Bodies set out the roles required to undertake Qualification

- Code Bodies set out a draft high-level structure for the Qualification Assessment Documents participants will complete for the MHHS Qualification process

- The MHHSP provided an overview of the PIT Guidance

SITWG Update

Extraordinary SITWG (held 24ᵗʰ Jan 23)

- **Agenda was exclusively consumed by review of initial version of the SIT Scoping document.**

- **Key actions agreed:**
  - SITWG attendees were asked to provide comments in writing on the SIT scoping document by 31ˢᵗ Jan 23

  - Agreed that next WG would be moved to 16ᵗʰ Feb 23

  - SI to address WG comments and issue new version of the Scoping document for review on SITWG paper day (9ᵗʰ Feb 22)

Outlook for next SITWG (16ᵗʰ Feb 23):

- **Agenda to cover:**
  - SIT Scope Document – summary of changes made in latest version

  - PIT Guidance – update on published document

  - PIT Completion / SIT Readiness in ref to PP SIT CIT Start – proposal on revised timings in line with when parties will enter SIT CIT

  - Placing Reliance – current thinking on policy proposal

  - Overarching Test Data Approach update – information on document

  - CIT & Functional Scenarios and Test Cases – overview on format and structure with a worked example

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Work being done currently

- **Analysis of NF requirements – for each requirement, deciding whether it should be:**
  - Assured by the SI Design Team and/or
  - Demonstrated by testing and if so, in which Test Phase(s)
- **Clarification queries being raised on Design**
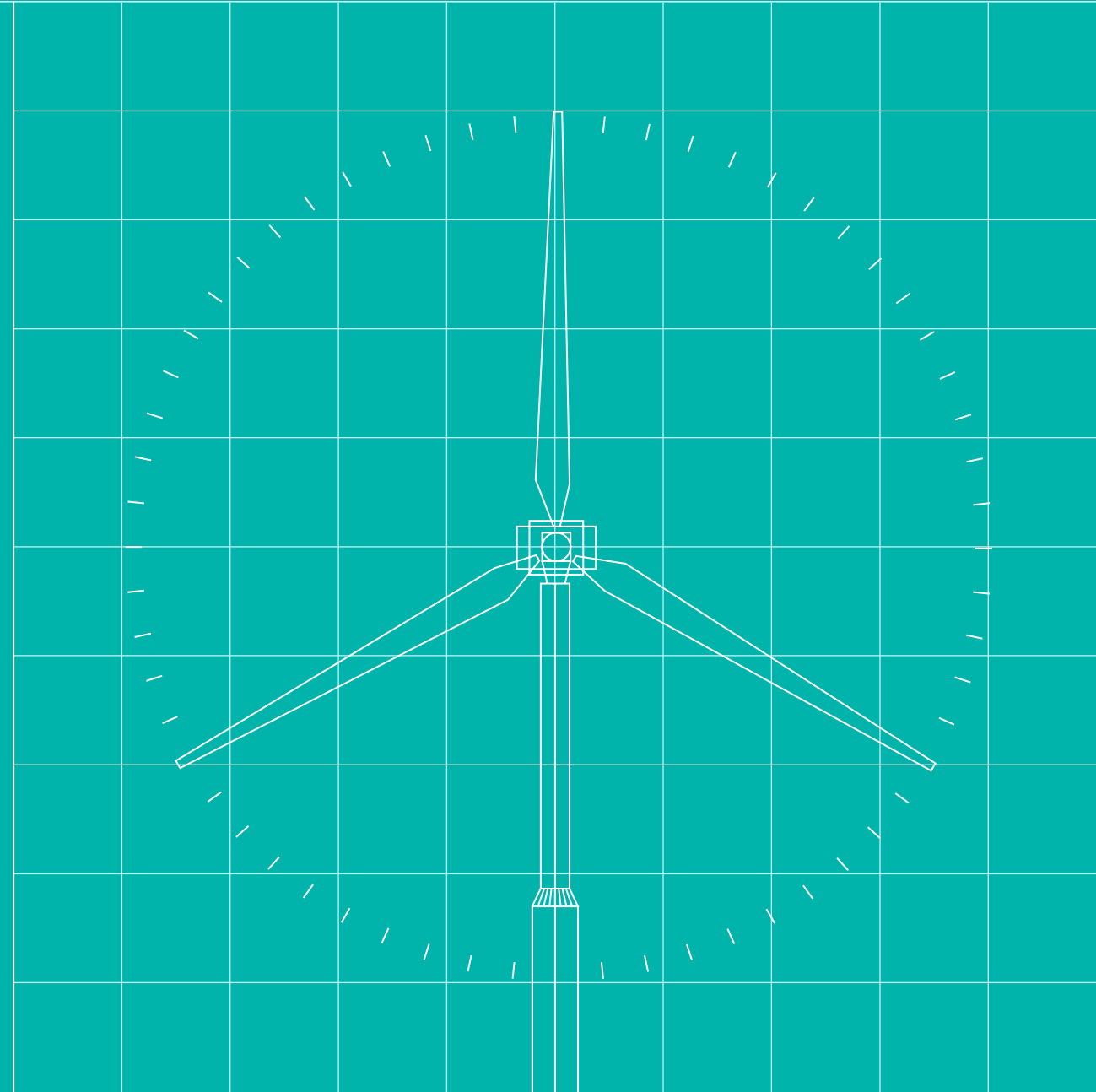- **Forming views on SIT NFT**

Logistics

- Meetings will be held on the **third Tuesday of each month, 1400-1530**
- **A call for attendees has been issued** via the Clock and other MHHS governance groups
- **The NFTWG will sit below the TMAG.** Decisions and escalations will come to TMAG
- Please contact PMO@mhhsprogramme.co.uk if you would like more information or to join the group

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Working group report

INFORMATION: Provide updates from discussion at the DWG, MWG, EWG, QWG, and SITWG

Programme (working group leads as required)

0 mins – taken as read, questions by exception

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TMAG Working Group Progress Report – February 2023

	Data Working Group (DWG)	Migration Working Group (MWG)	Environments and Configuration Management Working Group (EWG)	Qualification and E2E Sandbox Working Group (QWG)	Systems Integration Test Working Group (SITWG)	Non-Functional Testing Working Group (NFTWG)
Upcoming deliverables	• Overall Test Data Approach and Plan (planned February 2023, to come to March TMAG)	• Data Assessment Report (planned 28 February 2023, to come to extraordinary February TMAG) • Migration Cutover and Data Strategy (planned 28 April 2023, to come to April TMAG)	• Environments Approach and Plan (final version planned to come to TMAG for decision)	• Qualification Test Approach and Plan (planned to come to May 2023 TMAG)	• CIT & Functional Test Approach & Plans (Apr 23) • CIT & Functional Test Scenarios (May 23) • CIT & Functional Test Scripts (Aug 23)	• Meeting Terms of Reference (to come to March TMAG)
Next month's agenda items	The February DWG has been stood down due to proximity to the previous DWG and no agenda items	09 February 2023 • Data Assessment Report • Advanced Meters • Import / Export Meters	07 February 2023 • Update on Environment Approach & Plan • Update on Release & Configuration Management Approach	14 February 2023 • Code Requirements for qualifications • High-level principles for MHHSP • Overview of roles to undertake MHHSP Qualification • Suggested structure for Qualification Assessment Document • PIT Guidance	16 February 2023 • SIT scope to support participants' planning • Policy position on placing reliance and equivalence • Initial review of key principles and sections of the CIT & Functional Test Data Approach & Plan	21 February 2023 – first meeting • NFTWG Terms of Reference • NFTWG forward plan
Agenda items from last month	19 January 2023 1. Data Assessment Report 2. Round 3 Planning Consultation and Data 3. Overall Test Data Approach & Plan	12 January 2023 1. MWG deliverables PoaP 2. Data Assessment Report 3. Migration Strategy Discussion & Development	12 January 2023 1. Feedback on Template and Catalogue process 2. Update on Environment Approach & Plan 3. Round 3 replan 4. Release and Configuration Approach and Plan	10 January 2023 • Briefing on Round 3 replan consultation • SIT Plan, Approach and Scope • PIT overview	24 January 2023 – extraordinary meeting • SIT scope to support participants' planning	N/A
TMAG escalations	None	None	None	None	None	None

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Summary and next steps

INFORMATION: Summarise actions/decisions and look ahead to the next TMAG

Chair and Secretariat

5 mins

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Summary and next steps

Next steps:

1. Confirm actions and decisions from meeting
2. Date of next TMAG: 28 February 2023, extraordinary meeting

TMAG Agenda Roadmap – a rolling view of upcoming TMAG agenda items:

Meeting dates	15-Feb	28-Feb – extraordinary meeting	15-Mar	19-Apr
Relevant milestones or activities				
Agenda items	• Data Assessment Report Overview • Environments Approach and Plan review • The future of TMAG • Qualification update • SITWG update • NFTWG mobilisation	• Data Assessment Report approval	• Test Data Approach and Plan • Review of E2E Testing & Integration Strategy (scheduled after the replan and other documents have been baselined)	• Migration, Cutover & Data Strategy approval • CIT & Functional Test Approach and Plans approval • Data Assessment Report part 2 approval • Release and Configuration Management Approach
Standing items	• Minutes and actions review • Programme updates • Working group report • Next steps and agenda roadmap	• Next steps	• Minutes and actions review • Programme updates • Working group report • Next steps and agenda roadmap	• Minutes and actions review • Programme updates • Working group report • Next steps and agenda roadmap

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

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