



**MHHS
PROGRAMME**

Industry-led, Exelon facilitated

SIT Advisory Group (SITAG) #4.3

Extraordinary

17 June 2024

Version 1.0

MHHS-DEL2756

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Agenda

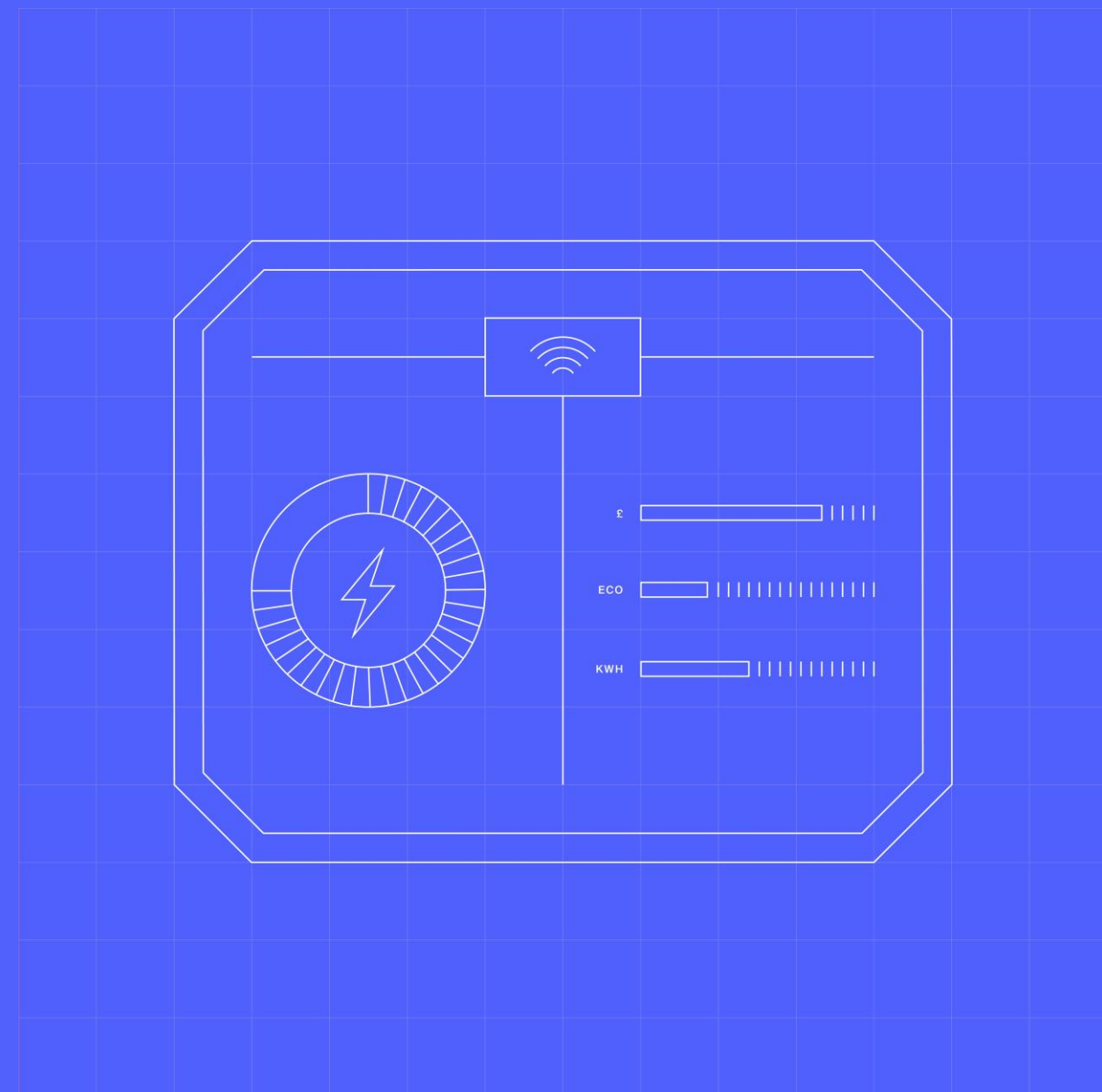
#	Item	Objective	Type	Lead	Time	Page
1	Welcome			Chair	14:00-14:05 <i>5 mins</i>	1
2	SIT Migration Readiness Status and Work-Off	Overview of readiness work-off status, Tier 3 milestone status, and current progress for SIT Migration Testing Start	Information	Programme (Lee Cox)	14:05-14:30 <i>25 mins</i>	3
3	Recommendation on approval of milestone T3-TE-0038	SITAG recommendation on approval of milestone T3-TE-0038 (SIT Migration Testing Start)	Decision	Programme (Lee Cox & Keith Clark)	14:30-14:40 <i>10 mins</i>	11
4	Summary and Next Steps	Summarise decisions, actions, and next steps	Information	Secretariat	14:40-14:45 <i>5 mins</i>	16
	Attachments	Attachment 1 – MHHS-DEL2662 SI Overarching SIT Migration Readiness Report v0.4				

SIT Migration Readiness Status and Work-Off

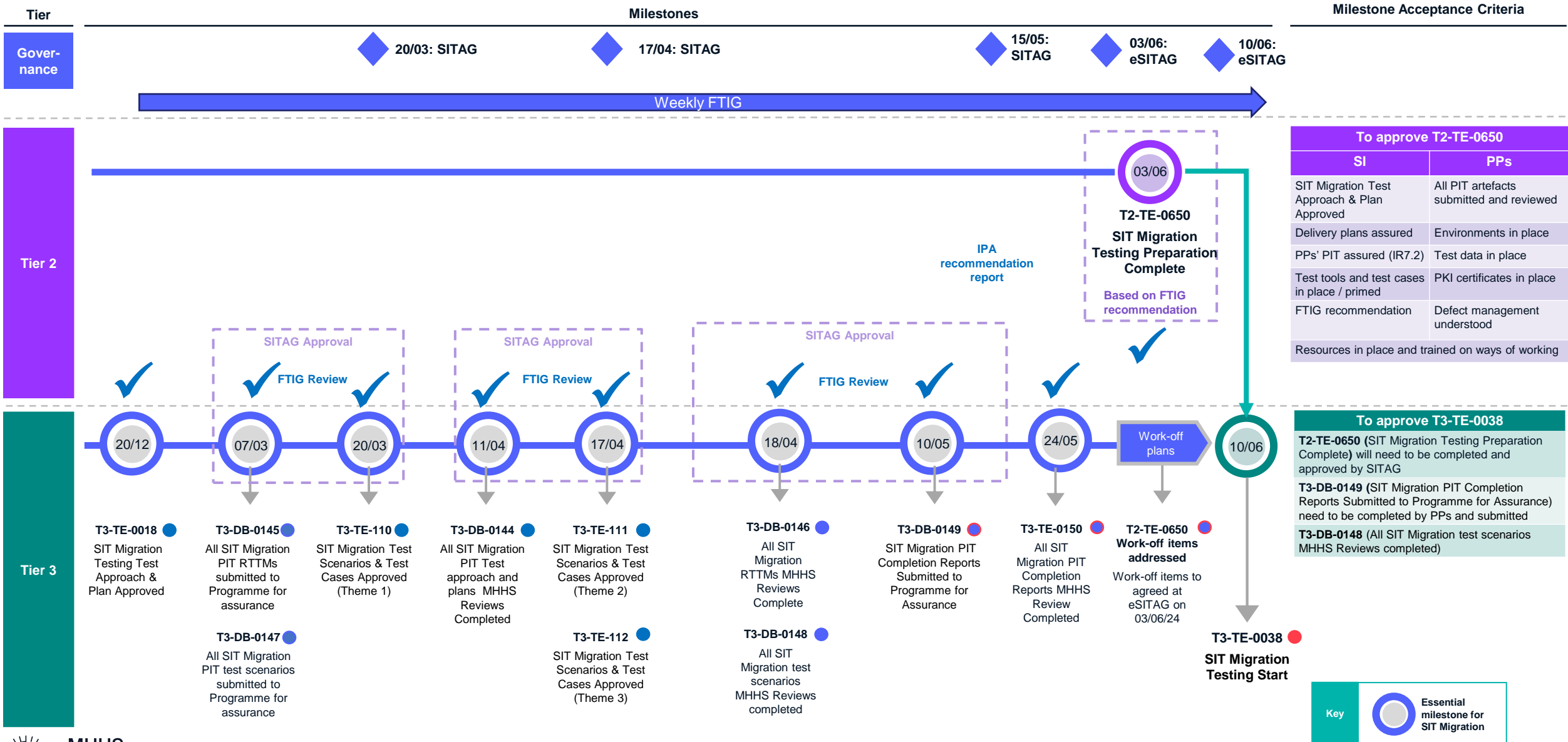
INFORMATION: Overview of readiness work-off status, Tier 3 milestone status, and current progress for SIT Migration Testing Start

Programme (Lee Cox)

25 mins



Overview of SIT Migration Decision Choreography and Recommended Decision-Making Progression



SIT Migration Programme Readiness (as of 17-Jun-24)

	Forecast	Central PPs	Cohort A	Cohort B	Cohort C	Cohort E	Cohort F	Cohort G	Cohort H	Cohort J
SIT M PIT Approaches and Plans Complete	11-Apr-24	All Feedback provided	All Feedback Provided	All Feedback Provided	All Feedback provided	All Feedback Provided	All Feedback Provided	All Feedback Provided	All Feedback Provided	All Feedback Provided
SIT M PIT Requirements to Test Traceability Matrixes Complete	18-Apr-24	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided
SIT M PIT Test Scenarios Complete	18-Apr-24	All feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided	All Feedback provided
SIT M Placing Reliance submissions submitted to Code Bodies	10-Apr-24									
SIT M Test Scenarios and Test Cases Themes 2 & 3 approved at SITAG (Theme 1 already approved)	17-Apr-24	Theme 2 v0.3 and Theme 3 v0.3 Approved at 17-Apr SITAG with Work Off Work Off Items Approved 15-May SITAG								
SIT M PIT Execution Complete	10-May-24	Complete*	Complete	Complete	FTC TBC	Complete	Complete	Complete	Complete	Complete
PP Issues SIT M Test Readiness Report	15-May-24	All Received	All Received	All Received	4/5 Received	All Received	All Received	All Received	All Received	All Received
Participants have confirmed they have resources in place	20-May-24	Confirmed	Confirmed	Confirmed	4/5 Confirmed	Confirmed	Confirmed	Confirmed	Confirmed	Confirmed
PP SIT M Test Readiness Reports Assured by SI	20-May-24	Complete	Complete	Complete	4/5 Complete	Complete	Complete	Complete	Complete	Complete
SIT M Tests loaded in ADO (1st & 2nd 2-week Sprints worth)	03-Jun-24	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete
Final SIT M PIT Completion Report Complete	24-May-24	Complete*	All Received	Complete	4/5 Complete	All Received	All Received	All Received	Complete	All Received
Test Management Tool Users Set up (where applicable)	24-May-24	Complete	Complete	Complete	4/5 Complete	Complete	Complete	Complete	Complete	Complete
SIT M PIT Completion Status	24-May-24	Complete*	Complete	Complete	4/5 Complete	Complete	Complete	Complete	Complete	Complete
Test MI/Reporting has been set up	07-Jun-24	Built and socialised – under review								
Test execution ordering published (1st & 2nd 2-week Sprints worth)	07-Jun-24	Complete	Complete	Complete		Complete	Complete	Complete	Complete	Complete
SI Issues Overarching SIT M Test Readiness Report	28-May-24	Approved at SITAG 03-Jun with documented Work Off								
PPs' confirmation that data is ready for SIT M	07-Jun-24	Complete	FTC 17-Jun	2/3 Complete FTC 17-Jun	Complete	Complete	2/3 Complete FTC 14-Jun	Complete	Complete	Complete
MHHS code (IR7.3) deployed to SIT PPs' environments	31-May-24	5/6 Complete FTC 17-Jun	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete

Cycle 1 Priority CoA & CoS Tests (24-May-24)

- In week 9, 3 Change of Agent and 4 Change of Supply tests have been prioritised to enable SIT Migration (noting the CoA tests should be prioritised over CoS tests). Any defects associated with these tests have been assigned a P1 status to ensure the correct focus.
- Incomplete Tests, both at Cohort and Programme level will be prioritised during the initial parts of SIT Functional Cycle 2 alongside Settlement Testing

Priority	Process	Test Case	A & C	B & E	F & J	G & H	A,G & J	Current Forecast Completion (Best Case)	Commentary
1	Change of Agent	SITFTS-0110 TC02 - Traditional Metered	Passed (41/41)	Paused (39/41)	Paused (21/41)	Paused (25/41)	N/A	24 th May	<ul style="list-style-type: none"> A&C – Passed B&E – Test will need to be restarted due to impact of defect 33157, but not able to conclude by 24/05. PP is prioritising Cohort A&C progress. F&J – In Progress. G&H – In Progress.
		SITFTS-0130 TC02- Advanced	Failed (5/38)	Paused (18/38)	Passed (38/38)	Paused (18/38)	N/A	23 rd May	<ul style="list-style-type: none"> A&C – Internal defect raised by SUP 32719, fix ETA now 24/05 therefore won't be completed in C1. B&E – In Progress F&J - Passed G&H – Assessing success of defect 33090 fix before recommencing progress
		SITFTS-0130 TC03- Unmetered	N/A	N/A	N/A	N/A	Passed (33/33)	22 nd May	A,G&J – Passed
2	Change of Supply	SITFTS-0020 TC02- Advanced	Paused (65/94)	To Be Executed (0/94)	Paused (22/94)	Paused (22/94)	N/A	24 th May	<ul style="list-style-type: none"> A&C – In Progress B&E - PP is prioritising Cohort A&C test progress, therefore won't be completed in C1. F&J - Needed a restart due an internal issue, therefore won't be completed in C1. G&H – In progress
		SITFTS-0020 TC03- Unmetered	N/A	N/A	N/A	N/A	Blocked (0/81)	24 th May	A,G&J - UMSDS – P1 Test Case Query 32893 – test case has been confirmed as invalid and to be removed from scope, SI Test assurance have advised that TC 'SITFTS-0010 TC03' will cover the requirements however this test can't be concluded in the C1 timescale.
		SITFTS-0020 TC05- Smart Single	Paused (38/90)	To Be Executed (0/90)	Passed (90/90)	Paused (14/90)	N/A	24 th May	<ul style="list-style-type: none"> A&C – In Progress B&E - Currently awaiting the outcome of TC defect 32614 before being progressed F&J - Passed G&H – Stalled - Data issue – restart required, however won't complete in C1.
		SITFTS-0030 TC02 - Advanced	Failed (3/94)	Paused (5/94)	Paused (23/94)	Paused (12/94)	N/A	24 th May	<ul style="list-style-type: none"> A&C – was Failed today due an Internal defect 33238, will not complete in C1. B&E – Was In Progress, however SSD date has lapsed so will need a restart, which means test can't be concluded in C1 timescales F&J - - Paused due to an internal issue which is under investigation, can't now be concluded in C1 timescales G&H - Stalled - Data issue – restart required, however won't complete in C1.

Summary: Work-off Plans and T2-TE-0650 (as of 17-June-24)

Milestone ID	Milestone Title	RAG	Status
T3-TE-0018	SIT Migration Testing Test Approach & Plan Approved		Complete (<i>Approved 20-Dec TMAG</i>).
T3-DB-0149	SIT Migration PIT Completion Reports Submitted to Programme for Assurance		<i>Approved at 03-June eSITAG on 03-June, subject to work-off.</i> 31/33 - Received 1/33 – Due by 12-Jul: Cohort C Supplier 1/33 – Due by 26-Jul: MPRS
T3-TE-0150	All SIT Migration PIT Completion Reports MHHS Review Completed		<i>Approved at 03-June eSITAG on 03-June, subject to work-off.</i> 29/33 – Reviews Completed
T2-TE-0650	SIT Migration Testing Preparation Complete		<i>Approved at 03-June eSITAG on 03-June, subject to work-off.</i>

For SITAG to approve T2-TE-0550 (subject to work-off plans)

Milestone Criteria for SI and work-off plan specifics		Milestone Criteria for PPs and work-off plan specifics	
SIT Migration Test Approach and Plan Approved	Complete	All PIT artefacts submitted and reviewed	PIT Test Approach & Plans – All Reviews Complete PIT RTTMs - All RTTMS Reviews Complete. PIT Test Scenarios - All RTTMS Reviews Complete.
Delivery plans assured	Complete	Environments in place	All Participant SITA Test Environments in use. One remaining IR7.3 Uplifts planned 17-Jun (see slide 5)
PPs' PIT assured (IR7.2)	31/33 PIT Completion Reports Received 29/33 PIT Completion Reports Review Complete	Test data in place	Test Data for Central Parties, Suppliers and Metering Services due completion 07-Jun
Test tools and test cases in place / primed	ADO built; Sprint 1 and Sprint 2 Test Cases loaded in Cohort Projects SIT Migration specific Reporting forecast 07-Jun	PKI certificates in place	Complete
FTIG recommendation	Complete	Defect management understood	Complete
Resources in place and trained on ways of working		All new Resources built in ADO. Minor changes planned for Ways of Working, to be socialised in June SITWG	

SIT Migration Indicative Schedule

SIT Migration Considerations

Based on availability of MPRS Capability, SIT Migration will commence on the 10-Jun confined to Forward Migration CoA Testing:

- From 10-Jun: Forward Migration CoA Testing
 - 40 Tests planned
 - Start 10-Jun
 - Complete Mid-September
- From 08-Jul: Forward Migration CoS Testing
 - 36 Tests Planned
 - Start 08-Jul
 - Complete Mid-October
- From 29-Jul: Reverse Migration
 - 17 Tests Planned
 - Start 29-Jul
 - Complete Mid-October

MPRS Sprint 8 Release Content	Updated SCS PIT completion	Migration SIT readiness
Change of Service Provider migration	6 June 2024	10 June 2024
Change of Supplier migration	5 July 2024	8 July 2024
Reverse migration	26 July 2024	29 July 2024

SIT Migration Preparation: Milestones, statuses & work-off plans (as of 03-June-24)

Milestone ID	Milestone Title	Baseline Date	Forecast Date	Responsible	RAG	Commentary including any expected work-off
T3-TE-0018	SIT Migration Testing Test Approach & Plan Approved	20/12/23	20/12/23	SI Test		Complete (Approved 20-Dec TMAG).
	SIT Migration Testing Data Test Approach & Plan Approved	20/12/23	20/12/23	SI Data		Complete (Approved 20-Dec TMAG).
T3-TE-110	SIT Migration Test Scenarios & Test Cases Approved (Theme 1)	20/03/24	20/03/24	SI Test		Complete (Approved 20-Mar SITAG).
T3-TE-111	SIT Migration Test Scenarios & Test Cases Approved (Theme 2) with Work Off	17/04/24	17/04/24	SI Test		Complete (Approved 17-Apr SITAG).
T3-TE-112	SIT Migration Test Scenarios & Test Cases Approved (Theme 3) with Work Off	17/04/24	17/04/24	SI Test		Complete (Approved 17-Apr SITAG).
	SIT Migration Test Scenarios & Test Cases (Theme 2&3) Work Off	15/05/24	15/05/24	SI Test		Complete (Approved 15-May SITAG).
T3-DB-0143	All SIT Migration PIT Test Approach & Plans submitted to Programme for assurance	16/02/24	17/04/24	PPs		Complete (Approved 17-Apr SITAG)
T3-DB-0144	All SIT Migration PIT Test approach and plans MHHS Reviews Completed	11/04/24	17/04/24	SI Test		Complete (Approved 17-Apr SITAG)
T3-DB-0145	All SIT Migration PIT RTTMs submitted to Programme for assurance	07/03/24	07/03/24	PPs		Complete (Approved 15-May SITAG).
T3-DB-0146	All SIT Migration RTTMs MHHS Reviews Complete	18/04/24	31/05/24	SI Test		Complete (Approved 03-June eSITAG).
T3-DB-0147	All SIT Migration PIT test scenarios submitted to Programme for assurance	07/03/24	07/03/24	SI Test		Complete (Approved 15-May SITAG).
T3-DB-0148	All SIT Migration test scenarios MHHS Reviews completed	18/04/24	31/05/24	SI Test		Complete (Approved 03-June eSITAG).

SIT Migration Preparation: Milestones, statuses & work-off plans (as of 17-June-24)

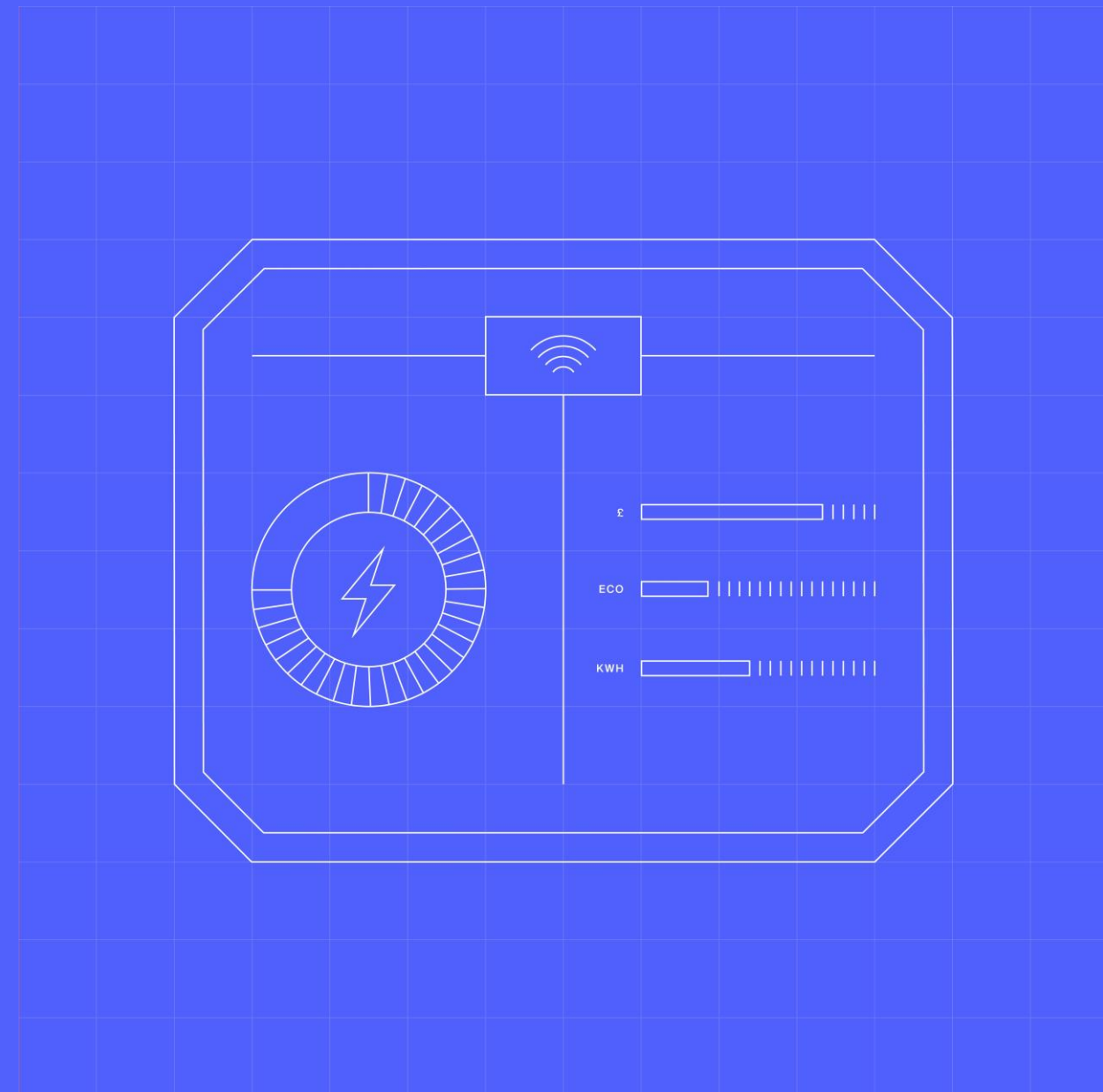
Milestone ID	Milestone Title	Baseline Date	Forecast Date	Responsible	RAG	Commentary including any expected work-off
T3-DB-0149	SIT Migration PIT Completion Reports Submitted to Programme for Assurance	10/05/24	26/07/24	PPs		Approved at eSITAG 03-June, subject to work-off. Work-off as of 17-Jun: 31/33 - Received 1/33 – Due by 12-Jul: Cohort C Supplier 1/33 – Due by 26-Jul: MPRS
T3-TE-0150	All SIT Migration PIT Completion Reports MHHS Review Completed	24/05/24	31/07/24	SI Test		Approved at eSITAG 03-June, subject to work-off. Work-off as of 17-Jun: 29/33 – Reviews Completed
T2-TE-0650	SIT Migration Testing Preparation Complete	03/06/24	03/06/24	SI Test		Approved at eSITAG 03-June, subject to work-off.

Recommendation on approval of milestone T3-TE-0038

DECISION: Recommendation on approval of milestone T3-TE-0038 (SIT Migration Testing Start)

Programme (Lee Cox & Keith Clark)

10 mins



Summary: T3-TE-0038 Position (as of 17-June-24)

To approve T3-TE-0038	
Milestones and Criteria	Comments
T3-TE-0038 (SIT Migration Testing Start)	<i>Decision on approval to be made at eSITAG on 17 June 2024. FTIG to provide recommendation on whether milestone should be approved by SITAG.</i>
T2-TE-0650 (SIT Migration Testing Preparation Complete) will need to be completed and approved by SITAG	<i>Complete – approved by SITAG on 03 June 2024, subject to work-off plan (see ‘Summary: Work-off Plans and T2-TE-0650 position’ above).</i>
T3-DB-0149 (SIT Migration PIT Completion Reports Submitted to Programme for Assurance) need to be completed by PPs and submitted	<i>Complete – approved by SITAG on 03 June 2024, subject to work-off plan</i> 31/33 - Received 1/33 – Due by 12-Jul: Cohort C Supplier 1/33 – Due by 26-Jul: MPRS 29/33 – Reviews Completed
T3-DB-0148 (All SIT Migration test scenarios MHHS Reviews completed)	<i>Complete – all reviews completed. Approved by SITAG on 03 June 2024.</i>

FTIG Recommendation

At the 14 June 2024 meeting, the Fast Track Implementation Group (FTIG) were asked to provide a recommendation to the SITAG on the following question:

Do you think Programme milestone T3-TE-0038 (SIT Migration Testing Start) should be approved by the SITAG on 17-Jun-24?

An overview of voting outcomes is provided below, with a view of overall voting across all SIT participants in attendance and a view of voting by cohort:

Overall Poll Results	Count	%
Total Unique Votes	30	-
Yes	15	50%
No	11	37%
Abstain	4	13%

Poll Results by Cohort								
Cohort	Number PPs in Cohort	Number PPs from Cohort who Voted	% of Cohort who Voted	Y	N	A	%Y	%N
A	3	3	100%	2	1	0	67%	33%
B	7	7	100%	4	2	1	57%	29%
C	3	3	100%	1	1	1	33%	33%
E	2	2	100%	1	1	0	50%	50%
F	4	3	75%	2	1	0	50%	25%
G	7	6	86%	1	5	0	14%	71%
H	3	3	100%	0	2	1	0%	67%
J	5	3	60%	2	0	1	40%	0%
Central Party	9	7	78%	6	0	1	67%	0%

SIT Migration Programme Recommendation

Based on the content of the Overarching Readiness Report, considering Central Party readiness, cohort readiness (7 out of 8 forecast to be ready for SIT Migration commencement 17-Jun), the achievement of Change of Agent Test success in SIT Functional Testing, and the endorsement of FTIG 14-Jun (50% Yes (15), 37% No (11), 13% Abstain (4)) , the MHHSP recommendation is to proceed with starting SIT Migration execution as planned, subject to the agreement of the outstanding Work-Off Plan items and the prioritisation of Cycle 1 CoA and Cycle 1 CoS tests in SIT Functional Cycle 2 testing.

Noting that if individual Cohorts are still incomplete with Data Loads, those Cohorts will not start until they are ready.

This recommendation is based on; (a) the fact that the core infrastructure and design has been proven by at least one linked Cohort pairing; (b) it is beneficial to test and uncover SIT Migration defects as early as possible (accepting that some Cohorts may find defects that could otherwise have been identified during SIT Functional CoA and / or CoS testing, but recognising that a number of cohorts have already passed a high proportion of test steps in key tests as referenced in Section 4 above); and (c) that the SIT Migration execution plan demonstrates that SIT Migration testing can be delivered on time on the basis of a set of reasonable assumptions).

The recommendation avoids delay to the start of SIT Migration and avoids later exposure of Defects, which would otherwise introduce risk to the completion of SIT Migration according to the MVC timelines in the programme plan. It also serves to de-risk the critical paths towards the start of non-SIT LDSO testing and Go-Live (M10).

T3-TE-0038 SIT Migration Testing Start 17/06

The decision to start SIT Migration needs to be based on the **clear understanding of risks associated with commencing the phase against the impacts of taking a delay**. The Programme has highlighted a number of work-off items and the original objective of passing all 37 COA/COS SIT Migration related tests in SIT Cycle 1 has not been met. Instead, a subset of 3 COA tests assessed as mandatory prerequisites to commence SIT Migration have been completed in aggregate across the cohorts. The Programme is proposing a staged start to SIT Migration and has prepared an outline test schedule, which aims to enable the test phase to commence but does pass additional risk into the phase. Overall, we support the principle of progressing testing where possible but this needs to be done in a managed way.

Our view of the key outstanding items that may increase the risk of defects and slow progress in the testing activity until completed, with associated resource/effort impact, are as follows:

- The open work-off items, as highlighted by the Programme, against other entry criteria for SIT migration
- The 37 SIT Functional Cycle 1 tests will need to be completed prior to the associated MPRS drops and subsequent testing
- Each of the 3 COA tests required to commence SIT Migration have only been tested by a single cohort and all 3 tests have not yet been completed by a single cohort
- The subset of 4 COS tests required to be completed by 7 July to commence COS SIT Migration tests have not yet been completed by any cohort.

Key Recommendations:

1. **Create a schedule and track completion of work-off items** as per identified target dates. *[Addressed]* *[More details are on next slide]*
2. **Complete the subset of 7 SIT Cycle 1 prerequisite tests (3 COA and 4 COS)** across all cohorts. Target Date - 28 June 24
3. **Create a schedule to complete the remaining 37 SIT Functional Cycle tests** (beyond the subset of 7) - Target Date - aligned to associated MPRS drops
4. **Group SIT Migration tests to develop a plan that enables clear tracking** of test progress. Grouping allows for a clearer definition of interim objectives (i.e., target completion of Group 1 by a certain date, then Group 2 etc). Target Date - 7 June 24
5. **Implement fortnightly checkpoints to review overall test progress** and take early decisions where action is required to course correct or re-calibrate the plan. This should also assess aggregate risk across parallel test phases. *[Addressed]*

Update on Recommendations 2, 3, and 4 as of 14 June 2024, following FTIG:

As confirmed by the Programme at FTIG on 14 June, Recommendations 2, 3 and 4 will all be addressed by creating a Cohort-by-Cohort test plan.

Following the update at FTIG on 14 June, the IPA would like to highlight the importance of the following considerations when creating the test plans. These are applicable across SIT Migration and SIT Functional, as the test phases are linked*.

The test plans should:

- cover all cohort-based testing until the start of SIT Regression
- include target execution (in terms of test points) and target pass rates for each sprint
- target the completion of the Cycle 1 backlog tests in Sprint 1
- provide a view of how the testing will be organised over the course of the sprints in terms of functional areas
- include planned capacity in later sprints to deal with re-test of failed (either not executed or not passed) tests. This capacity should be based upon the target execution and pass rates for each sprint.
- show the trajectory required to meet the required thresholds (execution and pass rates) to commence SIT Regression.

The fortnightly post sprint checkpoints will review the testing progress against the target execution and pass rates (and thus the performance to the required trajectory) with the outputs provided into the FTIG.

*Some of these were also covered in the Recommendations provided by IPA to the Programme at the FTIG on 24 May with regard to start of SIT Functional Cycle 2.

Recommendation on T3-TE-0038

The SITAG are requested advise the SRO on whether T3-TE-0038 (SIT Migration Testing Start) should be approved, subject to work-off requirements.

DECISION

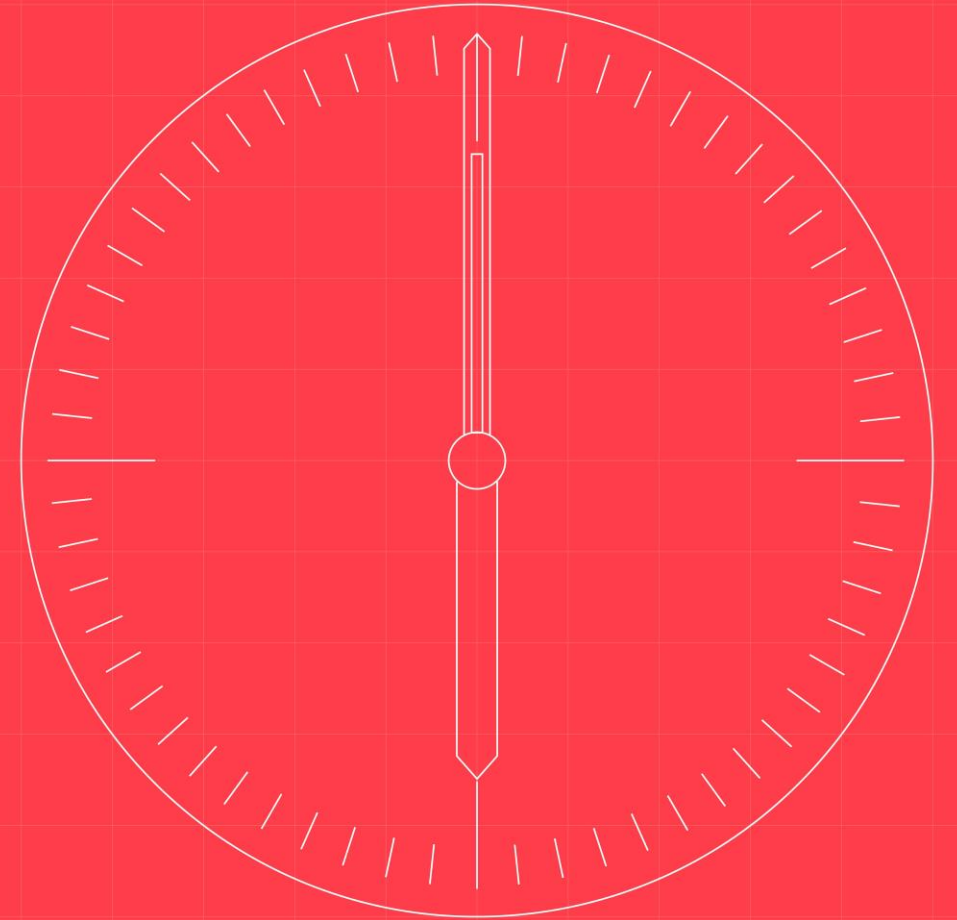
SRO to approve/reject completion of T3-TE-0038 (SIT Migration Testing Start)

Summary and Next Steps

INFORMATION: Summarise decisions, actions, and next steps

Chair & Secretariat

5 mins



Summary and Next Steps

Next steps:

- Confirm decisions and actions from meeting
- Next SITAG: **19 June 2024 10am (regular)**
- Please send any testing queries or requests for support to Testing@mhhsprogramme.co.uk
- If you would like to request agenda items for the next SITAG, please contact PMO@mhhsprogramm.co.uk