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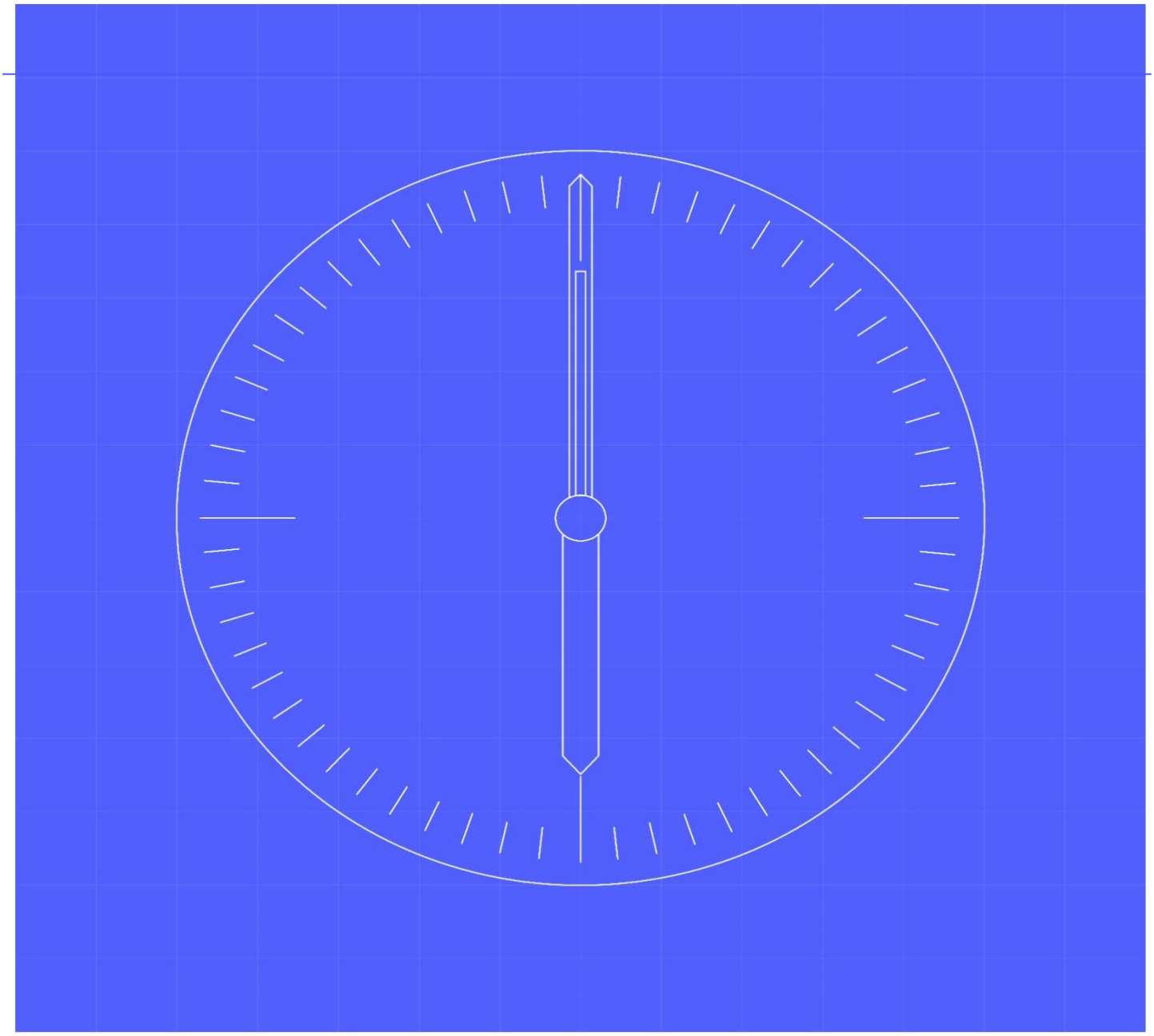
SI Overarching SIT Migration Readiness Report



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1 SI Overarching SIT Migration Readiness Report

1.1 Change Record

Date	Author	Version	Change Detail
28th May 2024	Lee Cox	0.1	Initial report content compiled for SRO/IPA review
28th May 2024	Lee Cox	0.2	Updated with Data Changes for Central Parties, Cohort's G & H & associated Milestones
28th May 2024	Lee Cox	0.3	Following Internal review
31st May 2024	Lee Cox	0.4	Updated Work Off Updated Section 4

1.2 Document Review & Approval

Name	Role	Organisation	Review / Information / Approval / Sign Off
Lee Cox	MHHS SI Programme Test Manager	MHHS LDP SI	Approval
Adrian Ackroyd	MHHS SRO Client Test Programme Manager	MHHS SRO	Approval
Kiran Raj	MHHS SRO SIT Functional Test Lead	MHHS SRO	Review

1.3 Document References

Ref No.	Document/Link	Publisher	Published	Additional Information
REF-01	MHHS-DEL1781 SIT Migration Test Approach and Plan	SI Testing	20th December 2023	
REF-02	MHHS-DEL1064 - Placing Reliance Policy	SI Testing	27th April 2023	
REF-03	MHHS-DEL852 PIT Guidance v2.5	SI Testing	4th April 2024	
REF-04	MHHS-DEL168 MHHS Programme Environment Approach and Plan v2.12	SI Testing	13th March 2024	
REF-05	MHHS-DEL1662 SIT Migration Test Data Approach and Plan	SI Testing	20th December 2023	
REF-06	MHHS RAID Log – please contact PMO@mhhsprogramme.co.uk for Raid Log access.	PMO	-	

1.4 Terminology

Term	Description
Various	For terminology, see Programme Glossary on the MHHS portal:

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	Programme Glossary (SharePoint.com)

1.5 Document Purpose and Guidance

The Market-wide Half Hourly Settlement programme (MHHS), when completed, will contribute to a more cost-effective electricity system, encouraging more flexible use of energy and helping consumers lower their bills.

The objective of the SIT Migration Test stage is to validate the new MHHS arrangements designed for the Programme Migration Phase by involving all Central Systems, the Registration Service and at least two Services for each market Role, all connected via the Data Integration Platform (DIP) enabling End-to-end Migration tests to be conducted. These End-to-end Migration tests are based on the Forward and Reverse Migration Designs and are aimed to exercise and "prove" the MHHS Migration Design. For full details of the background of this SIT Migration Test stage, please refer to [REF-01] MHHS-DEL1781 SIT Migration Test Approach and Plan.

Prior to System Integration Test (SIT) Migration Test commencement, each participant is required to provide a Participant SIT Migration Test Readiness Report as a formal self-declaration of their SIT Migration readiness status in relation to their preparation activities as outlined in section 7.1.4 of [REF-01] MHHS-DEL1781 SIT Migration Test Approach and Plan.

The objective of the Participant SIT Migration Test Readiness Report is to demonstrate the preparedness of testing efforts for each organisation entering SIT Migration. As a key milestone before the commencement of testing activities, the report aims to ensure that all necessary components and prerequisites are in place to conduct testing efficiently and effectively.

The report will need to include:

- A completion status of Test participant owned SIT Migration readiness activities which have been specified in the Report itself.
- A statement and supporting evidence against the Test participant owned SIT Migration Entry Criteria, as documented in section 7.2 in [REF-01] MHHS-DEL1781 SIT Migration Test Approach and Plan.
- Details of any exceptions i.e., readiness tasks, entry criteria, open PIT defects that have not been completed, met or resolved at the time of writing of the readiness report, and the associated work off plans and dates agreed with the MHHS programme for when these activities are planned to be completed.
- For Qualifying participants that have adopted the [REF-02] MHHS-DEL1064 - Placing Reliance Policy, evidence will need to be provided that demonstrates their proposal has been accepted by the Programme and that a placing reliance RACI has been agreed with their 3rd Party providers and the MHHS SI.
- Any new risks or issues to declare.
- Evidence that the Test participant Readiness Report has been approved and signed by a senior stakeholder authority within the Qualifying participants' organisation, i.e., an approval from a delegated 3rd party provider only will not suffice.

Individual organisations' Participant SIT Migration Test Readiness Report provide the formal input into an SI Overarching SIT Migration Readiness Report for SIT (this report), which aggregates the readiness position of all participants in addition to the SI owned readiness activities and entry criteria (as specified in section 7.2 of [REF-01] MHHS-DEL1781 SIT Migration Test Approach and Plan, and to document any risks, issues or exceptions and associated work off plans that impact the planned SIT Functional test execution start date. The status and recommendations in this report will feed into a MHHS programme governance decision via SITAG on whether to proceed with SIT Functional Test execution.

Please note that this is an interim report which confirms the position on SIT Migration readiness tasks and entry criteria, documenting exceptions and work off plans at the time of writing. The progress status through to closure of any work off plans will be reported to the relevant governance forums making a decision to approve commencement of testing.

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2 SIT Migration Readiness Status

2.1 SIT Migration Readiness Status Guidance

The following slides within Section 2 provide SIT Migration Readiness Task Status. Each slide will contain:

- Overall Status Table
- Readiness Declaration Table
- Overall Readiness Date Planned
- Work Off Plan

The Overall Status Table is split into 6 rows, each which will contain the readiness status against a set of sub-activities as listed below:

- PIT – SIT Migration
    - PIT Approach and Plan
    - PIT Requirements to Test Traceability Matrix
    - PIT Test Scenarios
    - Final PIT Completion Report
    - PIT Execution
    - PIT Completion Status
- Environment & Code Deployment
    - SITA Environment Uplift to IR7.3 Design Release
- Data
    - Central Parties, Suppliers and Metering Services have loaded Test Data in support of SIT Migration commencement
- ADO New User Built
    - New Test Users, allocated to deliver SIT Migration, as documented in each Participant SIT Migration Test Readiness Report built in ADO
- Readiness Declaration
    - Participants self-declaration of readiness to support delivery of SIT Migration Testing
- SIT Migration Test Entry Criteria
    - Overall readiness assessment for Central Parties and/or Cohorts, assessed based on completion of Work Off Items

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2.2 SIT Migration Readiness Status – Central Party

Overall Status

SIT Migration Readiness Tasks	Completion Date	Overall Status
PIT	24/05/2024	4/5 Complete
Environments & Code Deployment	31/05/2024	1/5 Complete
Data	07/06/2024	
ADO New Users Built	24/05/2024	Complete
Readiness Declaration (see table on right for detail)	24/05/2024	See right
SIT Migration Test Entry Criteria	07/06/2024	

Readiness Declaration

Declarations		DIP	Helix	MPRS	SSEN	BUUK	EES	DCC
Ready	A	A	A	B	A	A	A	A
Ready Subject to Work Off Plan	B							
Not Ready	C							

Overall Readiness Date Planned – 10/06/2024

SIT Migration Test Schedule will cater for SCS staged entry:

From 10-Jun: Start with Forward Migration CoA Testing
From 08-Jul: Add in Forward Migration CoS Testing
From 29-Jul: Add in Reverse Migration Testing

Work Off Plan (for all Amber / Red activities in tables above)

ID	Status Date	Area Path	Description	RAG	Owner	Resolution Date	Resolution Path
1	24/05/2024	PIT (Entry Criteria)	MPRS PIT Complete - Change of Service Provider migration forecast 07-Jun		St Clements	12/06/2024	PIT Completion achieved. Completion Report issued. SI Review complete
2	24/05/2024	PIT (Entry Criteria)	MPRS PIT Complete - Change of Supplier migration forecast 05-Jul		St Clements	10/07/2024	PIT Completion achieved. Completion Report issued. SI Review complete
3	24/05/2024	PIT (Entry Criteria)	MPRS PIT Complete - Reverse migration forecast 26-Jul		St Clements	31/07/2024	PIT Completion achieved. Completion Report issued. SI Review complete
4	24/05/2024	Data (Entry Criteria)	Central Parties confirmation that data is ready for SIT Migration		All	07/06/2024	CP confirmed complete
5	31/05/2024	Readiness Declaration	Helix Readiness Declaration – no forecast date provided	Complete	SI/Helix	30/05/2024	Readiness Declaration Received and Review Complete
6	31/05/2024	Readiness Declaration	BUUK Readiness Declaration – no forecast date provided	Complete	SI/BUUK	31/05/2024	Readiness Declaration Received and Review Complete
7	28/05/2024	Adaptor Set Up	SSEN: Changing to C&C Adaptor during Maintenance Window – Engineered and Confidence Tested forecast 07-Jun		SI/SSEN+C&C	07/06/2024	Adaptor integrated and confidence checked

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A — Self-Assessed as Ready for SIT Migration and has no Test Data to Load

A — Self-Assessed as Ready for SIT Migration but has Test Data to Load

Figure 1: SIT Migration Readiness Status – Central Party

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2.3 SIT Migration Readiness Status – Cohort A

Overall Status

SIT Migration Readiness Tasks	Completion Date	Overall Status
PIT	24/05/2024	Complete
Environments & Code Deployment	31/05/2024	Complete
Data	07/06/2024	
ADO New Users Built	24/05/2024	Complete
Readiness Declaration (see table on right for detail)	24/05/2024	See right
SIT Migration Test Entry Criteria	07/06/2024	

Readiness Declaration

Declarations		Supplier	SDS	ADS	MSS	MSA	UMSDS
Ready	A	A	A	A	A	A	A
Ready Subject to Work Off Plan	B						
Not Ready	C						

Overall Readiness Date Planned – 07/06/2024

Work Off Plan (for all Amber / Red activities in tables above)

ID	Status Date	Area Path	Description	RAG	Owner	Resolution Date	Resolution Path
1	24/05/2024	Data (Entry Criteria)	Supplier and Metering Services confirmation that data is ready for SIT Migration		Supplier/MSS/MSA	07/06/2024	Supplier and Metering Services Confirm Complete

A — Self-Assessed as Ready for SIT Migration and has no Test Data to Load

A — Self-Assessed as Ready for SIT Migration but has Test Data to Load

Figure 2: SIT Migration Readiness Status - Cohort A

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2.4 SIT Migration Readiness Status – Cohort B

Overall Status

SIT Migration Readiness Tasks	Completion Date	Overall Status
PIT	24/05/2024	4/5 Complete
Environments & Code Deployment	31/05/2024	Complete
Data	07/06/2024	
ADO New Users Built	24/05/2024	Complete
Readiness Declaration (see table on right for detail)	24/05/2024	See right
SIT Migration Test Entry Criteria	07/06/2024	

Readiness Declaration

Declarations		Supplier	SDS	ADS	MSS	MSA	UMSDS
Ready	A	A	B	Not Received	A	A	N/A
Ready Subject to Work Off Plan	B						
Not Ready	C						

Overall Readiness Date Planned – 07/06/2024

Work Off Plan (for all Amber / Red activities in tables above)

ID	Status Date	Area Path	Description	RAG	Owner	Resolution Date	Resolution Path
1	24/05/2024	Data (Entry Criteria)	Supplier and Metering Services confirmation that data is ready for SIT Migration		Supplier/MSS/MSA	07/06/2024	Supplier and Metering Services Confirm Complete
2	24/05/2024	PIT (Entry Criteria)	SDS PIT Complete forecast 07-Jun		SI/SDS	12/06/2024	PIT Completion achieved. Completion Report issued. SI Review complete
3	24/05/2024	Readiness Declaration	ADS Readiness Declaration – no forecast date provided		SI/ADS	07/06/2024	Readiness Declaration Issued. SI Review complete

A — Self-Assessed as Ready for SIT Migration and has no Test Data to Load

A — Self-Assessed as Ready for SIT Migration but has Test Data to Load

Figure 3: SIT Migration Readiness Status – Cohort B

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2.5 SIT Migration Readiness Status – Cohort C

Overall Status

SIT Migration Readiness Tasks	Completion Date	Overall Status
PIT	24/05/2024	
Environments & Code Deployment	31/05/2024	
Data	07/06/2024	
ADO New Users Built	24/05/2024	
Readiness Declaration (see table on right for detail)	24/05/2024	See right
SIT Migration Test Entry Criteria	07/06/2024	

Readiness Declaration

Declarations		Supplier	SDS	ADS	MSS	MSA	UMSDS
Ready	A	C	B	B	B	B	N/A
Ready Subject to Work Off Plan	B						
Not Ready	C						

Overall Readiness Date Planned – 15/07/2024

Work Off Plan (for all Amber / Red activities in tables above)

ID	Status Date	Area Path	Description	RAG	Owner	Resolution Date	Resolution Path
1	24/05/2024	PIT (Entry Criteria)	Supplier PIT Complete forecast 12-Jul		Supplier	17/07/2024	PIT Completion achieved. Completion Report issued. SI Review complete
2	24/05/2024	Data (Entry Criteria)	Supplier and Metering Services confirmation that data is ready for SIT Migration		Supplier/MSS/MSA	05/07/2024	Supplier and Metering Services Confirm Complete
3	24/05/2024	PIT (Entry Criteria)	SDS/ADS PIT IR7.3 Work Off Complete forecast - 7-Jun. Completion Report forecast 14-Jun		SDS/ADS	19/06/2024	PIT Completion achieved. Completion Report issued. SI Review complete
4	24/05/2024	PIT (Entry Criteria)	MSS/MSA PIT IR7.3 Work Off Complete forecast - 7-Jun. Completion Report forecast 14-Jun		MSS/MSA	19/06/2024	PIT Completion achieved. Completion Report issued. SI Review complete

A Self-Assessed as Ready for SIT Migration and has no Test Data to Load

A Self-Assessed as Ready for SIT Migration but has Test Data to Load

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Figure 4: SIT Migration Readiness Status – Cohort C

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2.6 SIT Migration Readiness Status – Cohort E

Overall Status

SIT Migration Readiness Tasks	Completion Date	Overall Status
PIT	24/05/2024	Complete
Environments & Code Deployment	31/05/2024	Complete
Data	07/06/2024	
ADO New Users Built	24/05/2024	Complete
Readiness Declaration (see table on right for detail)	24/05/2024	See right
SIT Migration Test Entry Criteria	07/06/2024	

Readiness Declaration

Declarations		Supplier	SDS	ADS	MSS	MSA	UMSDS
Ready	A	A	A	A	A	A	N/A
Ready Subject to Work Off Plan	B						
Not Ready	C						

Overall Readiness Date Planned – 07/06/2024

Work Off Plan (for all Amber / Red activities in tables above)

ID	Status Date	Area Path	Description	RAG	Owner	Resolution Date	Resolution Path
1	24/05/2024	Data (Entry Criteria)	Supplier and Metering Services confirmation that data is ready for SIT Migration		Supplier/MSS/MSA	07/06/2024	Supplier and Metering Services Confirm Complete

A Self-Assessed as Ready for SIT Migration and has no Test Data to Load

A Self-Assessed as Ready for SIT Migration but has Test Data to Load

Figure 5: SIT Migration Readiness Status – Cohort E

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2.7 SIT Migration Readiness Status – Cohort F

Overall Status

SIT Migration Readiness Tasks	Completion Date	Overall Status
PIT	24/05/2024	Complete
Environments & Code Deployment	31/05/2024	Complete
Data	07/06/2024	
ADO New Users Built	24/05/2024	Complete
Readiness Declaration (see table on right for detail)	24/05/2024	See right
SIT Migration Test Entry Criteria	07/06/2024	

Readiness Declaration

Declarations		Supplier	SDS	ADS	MSS	MSA	UMSDS
Ready	A	Not Received	A	A	A	A	N/A
Ready Subject to Work Off Plan	B						
Not Ready	C						

Overall Readiness Date Planned – 07/06/2024

Work Off Plan (for all Amber / Red activities in tables above)

ID	Status Date	Area Path	Description	RAG	Owner	Resolution Date	Resolution Path
1	31/05/2024	PIT (Entry Criteria)	SDS/ADS PIT Complete forecast 31-May	Complete	SI/SDS/ADS	31/05/2024	PIT Completion achieved. Completion Report issued. SI Review complete
2	24/05/2024	Readiness Declaration	Supplier Readiness Declaration – no forecast date provided		SI/Supplier	07/06/2024	Readiness Declaration Issued. SI Review complete
3	24/05/2024	Data (Entry Criteria)	Supplier and Metering Services confirmation that data is ready for SIT Migration		Supplier/MSS/MSA	07/06/2024	Supplier and Metering Services Confirm Complete

A	Self-Assessed as Ready for SIT Migration and has no Test Data to Load
A	Self-Assessed as Ready for SIT Migration but has Test Data to Load

Figure 6: SIT Migration Readiness Status – Cohort F

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2.8 SIT Migration Readiness Status – Cohort G

Overall Status

SIT Migration Readiness Tasks	Completion Date	Overall Status
PIT	24/05/2024	3/6 Complete
Environments & Code Deployment	31/05/2024	3/6 Complete
Data	07/06/2024	
ADO New Users Built	24/05/2024	Complete
Readiness Declaration (see table on right for detail)	24/05/2024	See right
SIT Migration Test Entry Criteria	07/06/2024	

Readiness Declaration

Declarations		Supplier	SDS	ADS	MSS	MSA	UMSDS
Ready	A	B	A	A	B	B	A
Ready Subject to Work Off Plan	B						
Not Ready	C						

Overall Readiness Date Planned – 07/06/2024

Work Off Plan (for all Amber / Red activities in tables above)

ID	Status Date	Area Path	Description	RAG	Owner	Resolution Date	Resolution Path
1	24/05/2024	PIT (Entry Criteria)	Supplier PIT Complete forecast 07-Jun		SI/Supplier	12/06/2024	PIT Completion achieved. Completion Report issued. SI Review complete
2	31/05/2024	PIT (Entry Criteria)	SDS PIT Complete forecast 31-May	Complete	SI/SDS	31/05/2024	PIT Completion achieved. Completion Report issued. SI Review complete
3	24/05/2024	PIT (Entry Criteria)	MSS/MSA PIT Complete forecast 07-Jun		SI/MSS/MSA	12/06/2024	PIT Completion achieved. Completion Report issued. SI Review complete
4	24/05/2024	Data	Supplier and Metering Services confirmation that data is ready for SIT Migration		Supplier/MSS/MSA	07/06/2024	Supplier and Metering Services Confirm Complete

A — Self-Assessed as Ready for SIT Migration and has no Test Data to Load

A — Self-Assessed as Ready for SIT Migration but has Test Data to Load

Figure 7: SIT Migration Readiness Status – Cohort G

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2.9 SIT Migration Readiness Status – Cohort H

Overall Status

SIT Migration Readiness Tasks	Completion Date	Overall Status
PIT	24/05/2024	
Environments & Code Deployment	31/05/2024	4/5 Complete
Data	07/06/2024	
ADO New Users Built	24/05/2024	Complete
Readiness Declaration (see table on right for detail)	24/05/2024	See right
SIT Migration Test Entry Criteria	07/06/2024	

Readiness Declaration

Declarations		Supplier	SDS	ADS	MSS	MSA	UMSDS
Ready	A	B	B	B	B	B	N/A
Ready Subject to Work Off Plan	B						
Not Ready	C						

Overall Readiness Date Planned – 07/06/2024

Work Off Plan (for all Amber / Red activities in tables above)

ID	Status Date	Area Path	Description	RAG	Owner	Resolution Date	Resolution Path
1	24/05/2024	PIT (Entry Criteria)	Supplier PIT Complete forecast 07-Jun		SI/Supplier	12/06/2024	PIT Completion achieved. Completion Report issued. SI Review complete
2	24/05/2024	PIT (Entry Criteria)	ADS/SDS PIT Complete forecast 07-Jun		SI/ADS/SDS	12/06/2024	PIT Completion achieved. Completion Report issued. SI Review complete
3	24/05/2024	PIT (Entry Criteria)	MSS/MSA PIT Complete forecast 07-Jun		SI/MSS/MSA	12/06/2024	PIT Completion achieved. Completion Report issued. SI Review complete
4	24/05/2024	Data	Supplier and Metering Services confirmation that data is ready for SIT Migration		Supplier/MSS/MSA	07/06/2024	Supplier and Metering Services Confirm Complete
5	28/05/2024	PIT (Entry Criteria)	Supplier, issue final PIT RTTM and Test Scenarios	Complete	SI/Supplier	28/05/2024	RTTM & Test Scenarios issued. SI Review complete

A — Self-Assessed as Ready for SIT Migration and has no Test Data to Load

A — Self-Assessed as Ready for SIT Migration but has Test Data to Load

Figure 8: SIT Migration Readiness Status – Cohort H

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2.10 SIT Migration Readiness Status – Cohort J

Overall Status

SIT Migration Readiness Tasks	Completion Date	Overall Status
PIT	24/05/2024	Complete
Environments & Code Deployment	31/05/2024	4/6 Complete
Data	07/06/2024	
ADO New Users Built	24/05/2024	Complete
Readiness Declaration (see table on right for detail)	24/05/2024	See right
SIT Migration Test Entry Criteria	07/06/2024	

Readiness Declaration

Declarations		Supplier	SDS	ADS	MSS	MSA	UMSDS
Ready	A	A	A	A	A	A	A
Ready Subject to Work Off Plan	B						
Not Ready	C						

Overall Readiness Date Planned – 07/06/2024

Work Off Plan (for all Amber / Red activities in tables above)

ID	Status Date	Area Path	Description	RAG	Owner	Resolution Date	Resolution Path
1	24/05/2024	Data (Entry Criteria)	Supplier and Metering Services confirmation that data is ready for SIT Migration		Supplier/MSS/MSA	07/06/2024	Supplier and Metering Services Confirm Complete

A — Self-Assessed as Ready for SIT Migration and has no Test Data to Load

A — Self-Assessed as Ready for SIT Migration but has Test Data to Load

Figure 9: SIT Migration Readiness Status – Cohort J

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3 Placing Reliance

The MHHS programme has reviewed the Placing Reliance proposal submissions provided by the concerned Qualifying MHHS participants for SIT Functional, in order to determine if there were any material impacts to those previous submissions in reference to the Cohort model which is being applied within SIT Migration. The assessment concluded that there were no material impacts to those prior submissions, and the Proposals remained valid.

4 SIT Functional Prioritised CoA and CoS Test Execution

The Migration Design closely follows the Functional Design with regards to:

- Migration – Forward Migration Change of Agent, follows the core Change of Agent Design
- Migration – Forward Migration Change of Supplier, follows the core Change of Supplier Design

Prior to execution commencement within SIT Functional Testing, a Coverage Target was set – *'SIT Migration dependant Processes, Linked Cohort CoS and CoA, executed and passed, with any exceptions documented and agreed'*. Through the initial part of SIT Functional Testing, this was not assessed beyond the 37 Tests allocated to Linked Cohort Testing. In Week 8 of SIT Functional Testing this was further assessed to correlate to 3 x Change of Agent Test Cases and 4 x Change of Supplier Test Cases that legitimately exercised the core infrastructure in support of the SIT Migration, Forward Migration planned testing.

Technical risk mitigation for Forward Migration CoA Testing, requires confidence in the Core Design/Platform successfully exercising Appointment Processes mediated by the Registration Service. Within MHHS, this is successfully achieving Message transactions and process flows for exchange of IF-031 > IF-032 > IF-033 > IF-034 > IF-035 > IF-036. These Process also need to be proven utilising different Metering (MSS and MSA) Service Providers and different Data (ADS and SDS) Service Providers. The 3 CoA Tests provided this technical coverage

The same technical risk mitigation was applied for Forward Migration CoS testing resulting in the the 4 CoS Tests being identified and prioritised during SIT Functional.

Following the communication from St Clements that MPRS will have a staged capability entry into SIT Migration Testing (see section 2.2), resulting in the 3 x Change of Agent tests being prioritised over the 4 x Change of Supplier tests, the Programme achieved the following status by close of SIT Functional Cycle 1:

CoA or CoS	Test Case Name	Completion Date	Overall Status
P1 Change of Agent	**SITFTS-0110 TC02 - Traditional Metered**	24/05/2024	Completed Cohort A&C
P1 Change of Agent	**SITFTS-0130 TC02- Advanced**	23/05/2024	Completed Cohort F&J
P1 Change of Agent	**SITFTS-0130 TC03- Unmetered**	22/05/2024	Completed Cohort A,G & J
P2 Change of Supplier	**SITFTS-0020 TC02- Advanced**	Target 21/06/2024	
P2 Change of Supplier	**SITFTS-0020 TC03- Unmetered**	Target 21/06/2024	
P2 Change of Supplier	**SITFTS-0020 TC05- Smart Single**	24/05/2024	Completed Cohort F&J
P2 Change of Supplier	**SITFTS-0030 TC02 - Advanced**	Target 21/06/2024	

Table 1: SIT F CoA and CoS Status as of 24-May

The remaining SIT Functional Change of Supplier Tests will be prioritised for execution from the start of SIT Functional Cycle 2. Test Reporting will continue to explicitly report against progress

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Further, whilst the 3 x Change of Agent Tests have achieved Test Success by at least one Linked Cohort, then the Programme target was achieved as the Core MHHS Infrastructure was proven, it is noted that not all Linked Cohorts achieved these Test Successes – See Figure 10 below:

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 (30/41)	Paused (26/41)	N/A	24th May	• **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 – Stalled due to internal Cohort issue. • G&H – In Progress.
		SITFTS-0130 TC02- Advanced	Failed (5/38)	Paused (18/38)	Passed (38/38)	Paused (18/38)	N/A	23rd May	• A&C – Internal defect raised by SUP 32719, fix ETA now 24/05 therefore won't be completed in C1. • B&E – Paused as prioritised other main cohort tests that had potential to conclude. • **F&J - Passed** • G&H – Paused as prioritised other main cohort tests that had potential to conclude.
		SITFTS-0130 TC03- Unmetered	N/A	N/A	N/A	N/A	Passed (33/33)	22nd 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	24th May	• A&C – Not been able to Progress beyond 65 • 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 – Needed a restart due an internal issue, therefore won't be completed in C1.
		SITFTS-0020 TC03- Unmetered	N/A	N/A	N/A	N/A	Blocked (0/81)	24th 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	24th May	• A&C – In Progress • B&E - Currently awaiting the outcome of TC defect 32614 before being progressed • **F&J - Passed** • G&H – Needed a restart due an internal issue, therefore won't be completed in C1.
		SITFTS-0030 TC02 - Advanced	Failed (3/94)	Paused (5/94)	Paused (23/94)	Paused (12/94)	N/A	24th May	• 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 - Needed a restart due an internal issue, therefore won't be completed in C1.

Figure 10: Linked Cohort CoA and CoS Status as of 24-May

As is the case for prioritised CoS Tests, Cohorts will prioritise any of these tests that were not executed by their Linked Cohort during the first initial weeks of SIT Functional Cycle 2, alongside Settlement Testing.

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5 SI SIT Migration Entry Criteria Status

#	Entry Criteria	Status / RAG (*Met, Partially Met, In Progress, Not Started*)	Notes / Exception & Work Off	Forecast Date	Assurance Sign Off Status	Evidence
1	SIT Migration Test Approach and Plan Approved	Met		-	SRO Approved	SITAG Approval
2	SIT Migration Test Data Approach and Plan Approved	Met		-	SRO Approved	SITAG Approval
3	SIT Migration Test Scenarios Approved	Met		-	SRO Approved	SITAG Approval
4	SIT Migration Test Cases Approved	Met		-	SRO Approved	SITAG Approval
5	SIT Requirements Traceability Matrix Approved	Met	Manual RTTM presented and issued to SRO, including detailed gap analysis and closure achieved by the SI Test Team. Fully automated RTTM will be in place prior to SIT F execution commencement.	-	SRO Approved	
6	SIT Migration execution schedule is agreed	Met	SIT Migration Test Schedule created and socialised with SRO and IPA	03-Jun		
7	SIT Migration Test Ordering Published		Publish SIT Migration Ordered Tests (highlighting Non-SIT LDSO Dependent Tests)	07-Jun		
8	Test data has been allocated to participants	Met	Central Party, Suppliers and Metering Services Data provided.	-		
8	Test Management Tool has been set up, including participant access, tests loaded and assigned to participant instances		Initial 40 SIT Migration Tests on track for upload to ADO Reporting (Test Progress and Defect Management) to be predicated against SIT Migration Tests	03-Jun		
9	SIT PP pairing confirmed	Met	Agreed with all SIT Participants.	-	SRO Approved	
13	Core regression tests have been identified	N/A	SIT Migration Testing has no planned regression testing until IR8.1 is deployed in the 2nd Maintenance Window. At that point, depending on the content of IR8.1 assessed against the progress through SIT Migration, appropriate regression may be selected. A formal regression test cycle is planned after SIT Migration planed completion 18-Oct.	-		
14	Defect Management Process in place and ready	Met		-	SRO Approved	
15	Environment Management process in place and ready	Met	Established prior to CIT and unchanged for SIT Functional and SIT Migration	-		
16	Release Management Process in place and ready	Met	As above.	-		
17	Test governance is in place and ready	Met	As above.	-		
18	Test meetings have been set up	Met	SIT Migration will utilise existing Daily SIT Functional meetings. This will be continuously monitored on the basis of assessing if separate calls are required	-		
19	Test reporting is in place and ready		ADO logic has been engineered (as seen in SIT Functional Testing). Reports are dependent on Data i.e. Test Case Loads	07-Jun		

Table 2: SI SIT Migration Entry Criteria Status

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6 SIT Migration Preparation – Milestones, Statuses & Work-off Plans

6.1 SIT Migration Preparation – Milestones, Statuses & Work-off Plans (Part I)

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		28-May: 34/34 RTTMS Reviews Complete. To be taken for SITAG Approval
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		28-May: 34/34 Test Scenarios Reviews Complete. To be taken for SITAG Approval

Table 3: SIT Migration Milestones Pt I (as of 24-May-24 at 17:00)

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6.2 SIT Migration Preparation – Milestones, Statuses & Work-off Plans (Part II)

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		As of 31-May 25/33 - Received 6/33 – Due by 07-Jun 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		As of 31-May 23/33 – Reviews Completed
T2-TE-0650	**SIT Migration Testing Preparation Complete**	03/06/24	03/06/24	SI Test		With documented and agreed Work Off

Table 4: SIT Migration Milestones Pt II (as of 24-May-24 at 17:00)

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7 Risks & Issues

There are several associated risks and issues that the Programme has proactively tracked, monitored and analysed as part of assessing readiness to commence SIT Migration. Those key to informing the recommendation, along with clear mitigation plans, are captured below:

Risk	Key Risk or Issue (specific items or themes)	Mitigation or Resolution	Owner(s)
R849	There is a risk, raised by some Participants in SITWG, FTIG, SITAG and NFTWG that the delivery of SIT Functional Tests may be in future more difficult than expected, along with the upcoming workload associated with concurrent SIT Test Stage execution activities, resulting in some Participants under increased pressure to deliver at the pace required.	1) Programme to continue to engage bilaterally with Participants that directly raised the concerns to establish any specific improvements that can assist. 2) Programme to conduct a Cycle 1 retrospective to learn lessons and listen to Participants' ideas on improving ways of working and combine with process improvements already identified by the programme – to agree practical improvement actions. 3) Under programme direction, cohorts prioritise incomplete (Cycle 1) cohort tests through early parts of SIT Functional Cycle 2. 4) Programme to set target dates for completion of such (incomplete Cycle 1) tests. 5) Programme to outline overall (Cycles 2 & 3) SIT F execution model (incl. Settlement Testing), with assumptions to support required velocity of testing, to provide a benchmark for gauging whether future testing progress is on track. 6) Programme to monitor, report progress on incomplete Cycle 1 tests until they have been completed – with adjusting actions being taken collaboratively with Participants. 7) Programme to continue to monitor, report testing progress through Cycles 2 & 3 vs. the benchmarked execution model, for gauging whether future testing progress is on track – with adjusting actions being taken collaboratively with Participants.	Lee Cox
R890	There is a risk that IR7.3, due for publishing 08-May, may not be assessed, designed, regression tested and implemented into SITA and SITB Test Environments by SIT Participants ahead of the target date of 10-Jun. This will impact the Programme desire to commence SIT Migration, SIT Functional Settlement Testing and continue SIT Functional Cycle 2 on an IR7.3 Build	1) Coordinate and manage Participants' IR7.3 Impact Assessments. 2) Assess impact of starting SIT Migration and SIT Settlement Testing on IR7.2 (as contingency)	Lee Cox

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Risk	Key Risk or Issue (specific items or themes)	Mitigation or Resolution	Owner(s)
R922	There is a risk that Cohorts who have not exercised all their SIT Functional CoA and CoS Testing will be impaired during the initial weeks of SIT Migration, uncovering Defects that could have been uncovered by earlier SIT Functional testing. This may impact Cohorts' ability to achieve SIT Migration Test Completion by 18-Oct ahead of SIT Migration Regression testing.	1) Under programme direction, cohorts prioritise incomplete (Cycle 1) cohort CoA and CoS tests through early parts of SIT Functional Cycle 2. 2) Programme to set target dates for completion of such (incomplete Cycle 1) tests. 3) Programme to outline overall SIT M execution model, with assumptions to support required velocity of testing, to provide a benchmark for gauging whether future testing progress is on track. 4) Programme to monitor, report progress on incomplete Cycle 1 tests until they have been completed – with adjusting actions being taken collaboratively with Participants. 5) Programme to continue to monitor, report testing progress through SIT M vs. the benchmarked execution model, for gauging whether future testing progress is on track – with adjusting actions being taken collaboratively with Participants.	Lee Cox
R923	There is a risk that delaying the start of SIT Migration delays the identification of Migration defects and therefore the exit of SIT Migration and SIT and Go-Live.	1) Consider the coverage of CoA tests executed to date and the risk of delay as part of SIT Migration start decision-making. 2) Prioritise CoS SIT F tests before the start of SIT CoS Migration testing	

For all other Risks, please see [REF-06] (RAID Log)

8 SI SIT Migration Readiness Recommendation

Based on the content of this report at the time of writing, considering Central Party forecast readiness, cohort forecast readiness (7 out of 8 forecast to be ready for SIT Migration commencement 10-Jun) and the achievement of Change of Agent Test success in SIT Functional Testing, 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. These work off items are highlighted in the 'SIT Migration Status reports' in Section 2 of this document.

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).

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