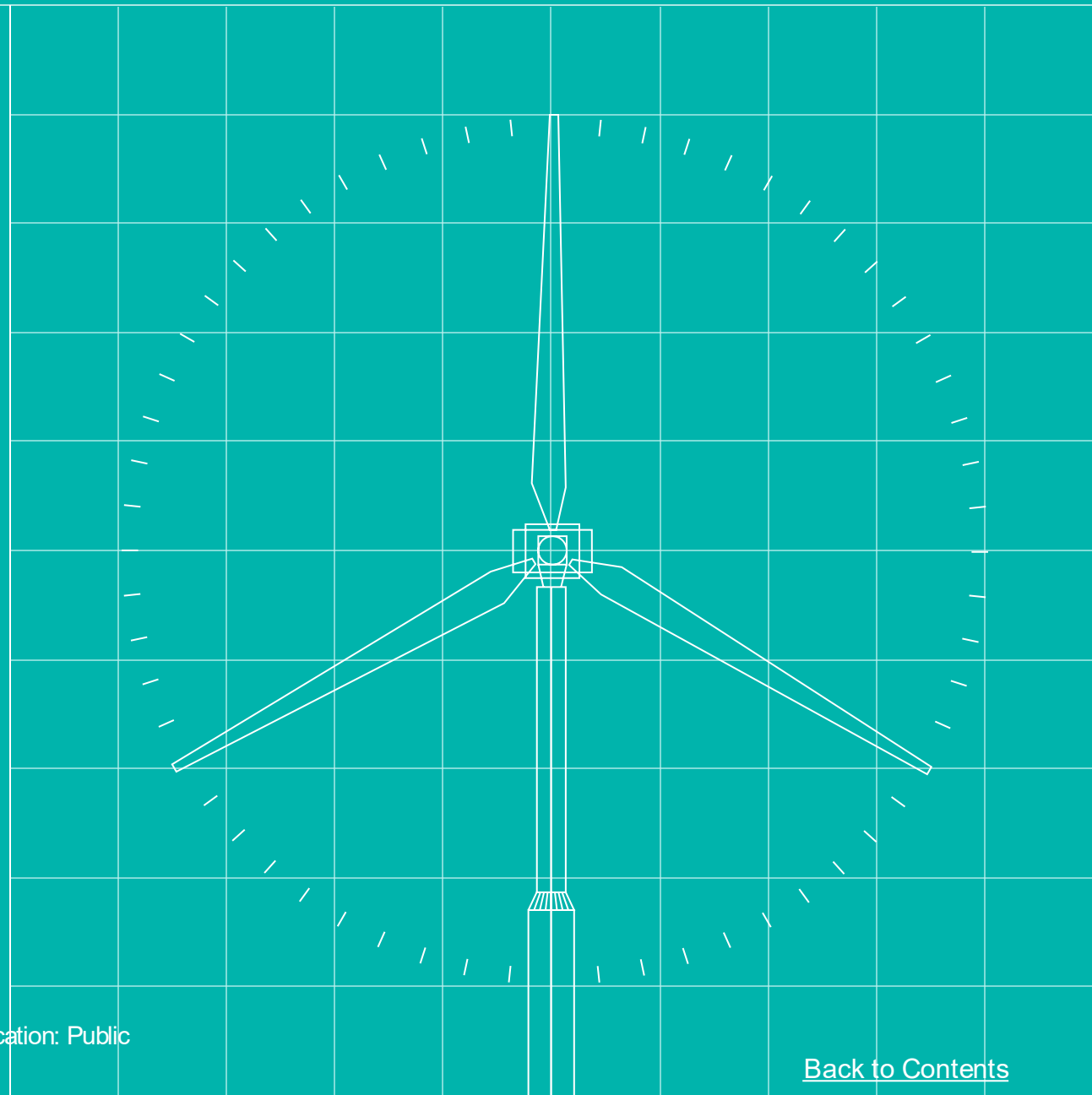
MHHS PROGRAMME

Industry-led, Elexon facilitated

SIT Regression Ways of Working Q&A

Section 0:
Regression Admin



Reference Documents

Please reference the following key documents, where you can find further information on SIT testing previously shared, and which has not been repeated in this pack.

Reference Document	Description
SIT Functional & Migration Test Cycle 3 Day-in-the-life (DITL) Guidance	Cycle 3 Day in the Life pack, containing detailed instructions of all SITF and SITM testing processes.
SIT Regression Framework & Regression Pack	SIT Regression Framework shared with all participants.
SITWG Slides	Details the Industry Risk Review on the SIT-A Regression Testing Plan, held during the Extraordinary SIT Working Group (SITWG) #34.3 on 17 June 2025.

Central Parties Contacts

Central Party	Contact 1	Contact 2	Contact 3
CentralParty.BUUK (**LDSO if ETCL MPAN**)	Scott Mordecai	Stuart Riding	
CentralParty.BUUK (**UMSO** if ETCL MPAN)	Holly Byrne	Has Hoque	
CentralParty.DCC **(CSS)**	Sam Pringle sam.pringle@smartdcc.co.uk	Abdul Muthalif	Murugeswari Dharmaraj Murugeswari.Dharmaraj@landmark.co.uk Vijay Srivatsan Vijay.Srivatsan@netcompany.com
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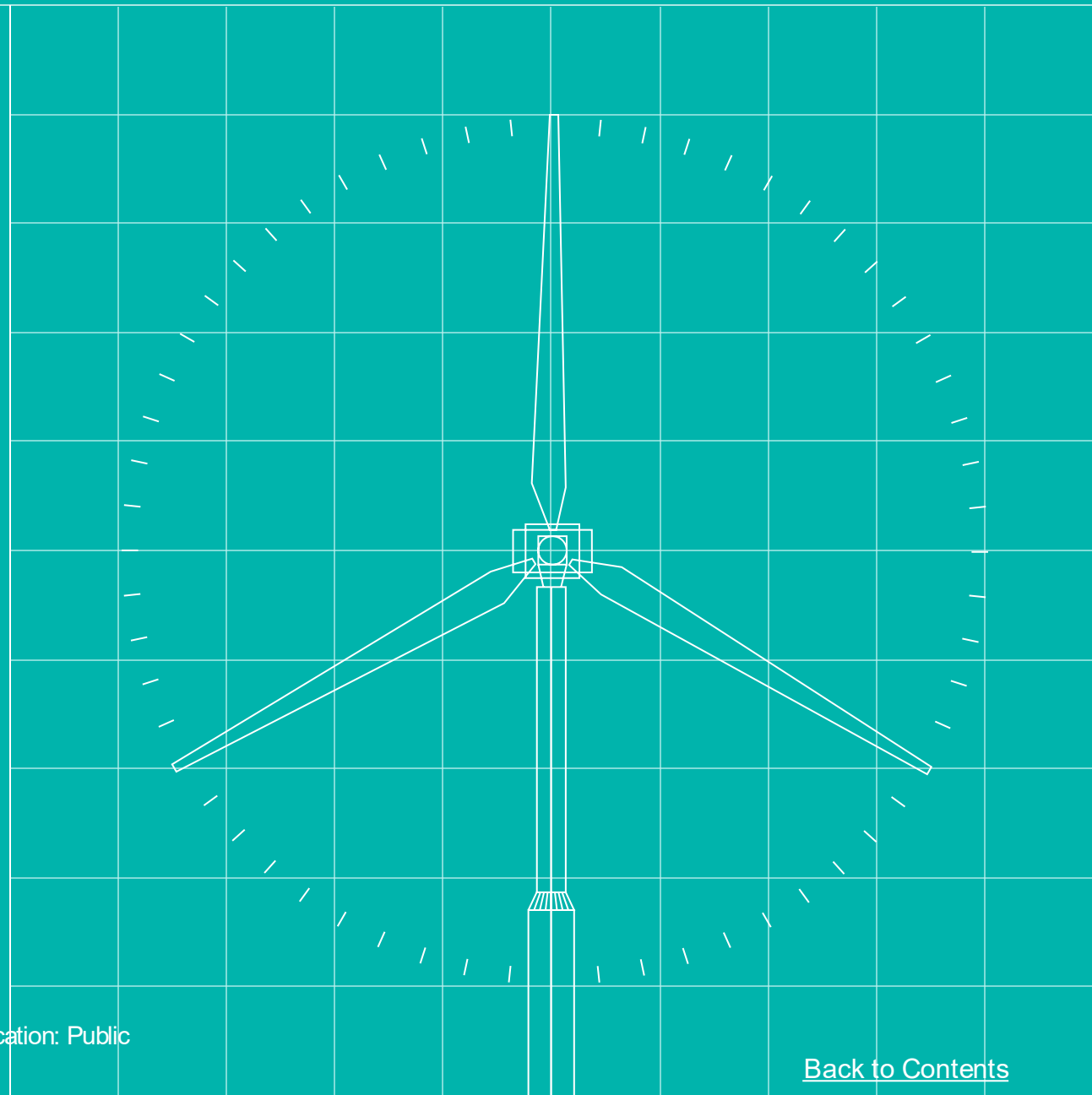
CentralParty.RECCo **(EES)**	Holly Byrne	Ryan Middlemas (C&C Group)	Chris Lenihan
CentralParty.SSEN (**LDSO if SOUT MPAN**)	Anisha Srinivasa (SSEN)	Nathan Johnson (SSE)	Savitha Kandasamy savitha.kandasamy@mhhsprogramme.co.uk
CentralParty.Helix (**MDS / LSS**)	Manjunatha Muniyappa (CGI)	Nitish Sharath (CGI)	
StClements **(REGS) Functional**	Surinder Kaur - A, B, C, E, B&F, C&E		
	Gurdip Sehejpal - F, G, H, J, A&J, G&H		
StClements **(REGS) Migration**	Rajesh Degala - A, B , C, E		
	Steven Parker - F, G, H, J		

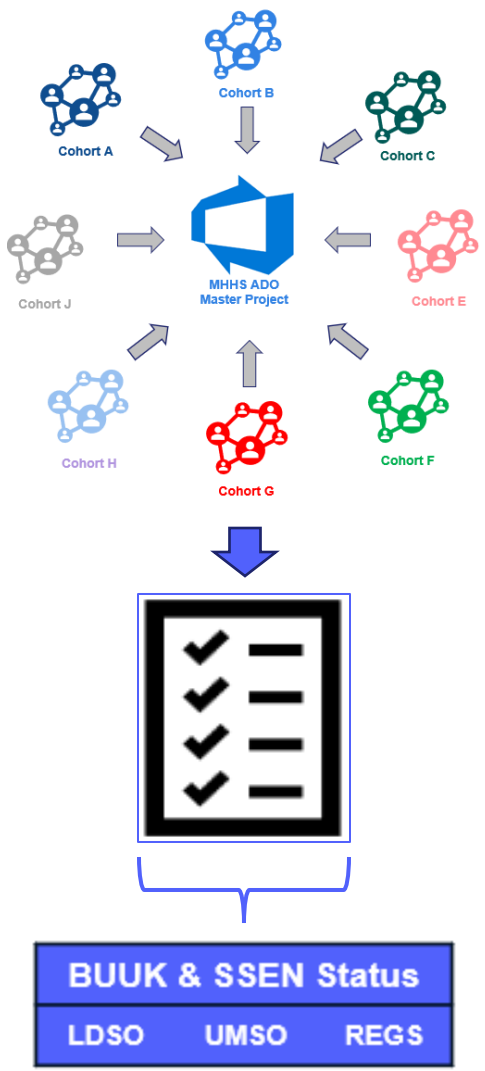
SIT Functional & Migration Test & Defect Meetings

Meetings Hosted & Chaired by SI	Internal / External	Time	Duration	Chaired by	Objective / Purpose	MHHS Attendance Requirements							
						SI Test	Defect Managers	SI Design	SRO Design	SRO Test	Release Manager	ADO Team	PPC
Cohort A Stand Up	External	9:00 AM	15 Mins	SIT F Coordinator 1	**Purpose -** To discuss that day's Cohort testing schedule and discuss any blockers that may impact execution. **Standing Agenda:** • Review of previous day's activity, and any tests waiting in PPs queues. • Validate planned tests for the day from the execution schedule / order. • Discuss any Cohort or Central Party defects or blockers impacting the planned testing. • By Exception – discuss specific defects or topics with contribution from Central Parties, Defect Management, Test SMEs or the Design Team.	X	By Exception	By Exception		Optional		Optional	FYI
Cohort F Stand Up	External	9:00 AM	15 Mins	SIT F Coordinator 2		X	By Exception	By Exception		Optional		Optional	FYI
Cohort B Stand Up	External	9:15 AM	15 Mins	SIT F Coordinator 2		X	By Exception	By Exception		Optional		Optional	FYI
Cohort C&E Stand Up	External	9:15 AM	15 Mins	SIT F Coordinator 4		X	By Exception	By Exception		Optional		Optional	FYI
Cohort J Stand Up	External	9:30 AM	15 Mins	SIT F Coordinator 1		X	By Exception	By Exception		Optional		Optional	FYI
Cohort G&H Stand Up	External	9:35 AM	25 Mins	SIT F Coordinator 3		X	By Exception	By Exception		Optional		Optional	FYI
Daily Regression Stand Up	External	10:00pm	30 mins	SIT Delivery Manager	**Purpose –** all Cohorts to join and discuss high priority Regression issues, blockers, queries and releases	X	By Exception	By Exception		Optional			**FYI**
F&B Linked Cohort Stand Up	External	01:15 PM	15 Mins	SIT F Coordinator 2	**As per the Cohort Stand Ups but focused on linked Cohort testing.**	X	By Exception	By Exception		Optional		Optional	FYI
Daily Defect Management Meeting	External	02:30 PM	60 Mins	Defect Management	**Purpose -** Review Central Party defect status, owners, and progress updates, based on priority and/or severity of the defect, including the planning and coordination of Central Party fix releases.	X	X	X	X	X	X	Optional	FYI

Section 2:
Regression Approach



SIT Regression Test Stage – Exit Principles



- Successful completion of the '**Core Regression Tests**' is required for Cohort / PP SIT Exit. This will be a priority to complete for all Cohorts.
- The 'Settling Normally' regression test has been completed during the SIT-A Settlement test window. (completion of 'post-Helix SAT regression' is not required for PP Qualification)
- 'Core Regression Tests' are to be executed during the SIT Regression test window (**Note** these TCs don't involve Helix)
- Each **paired test** only needs to be executed and completed successfully by one Cohort initiator in the pair to enable both cohorts in the pair to exit
  - Example: 'SITFTS-0040 TC01 Smart Metered' initiated by Cohort A and is completed successfully, enabling both Cohort A and J to have met the regression exit criteria for the test
- **UMSDS** Paired tests are only required to be initiated by Cohorts J and G to enable regression testing of PDA and Tym Huckin
- **BUUK and SSEN** will need to support all Cohorts, however, have the potential to formally exit to the QAD / 'M10 Pathway' if it can be demonstrated that each of their LDSO and UMSO TC requirements have been met via at least one Cohort. Note the REGs requirement will be met when 1 Cohort has passed the mapped test cases, regardless of which LDSO MPAN region this was achieved
- **Cohort / LDSO Mapping:**
  - Each Cohort will be assigned a single LDSO MPAN region for the SIT Regression test window (either BUUK or SSEN)
  - LDSOs will be mapped evenly across Cohorts i.e. 4 x BUUK, 4 x SSEN
  - Each Cohort within a pairing will be mapped to either 1 of BUUK or SSEN
  - The LDSO roles involved in each 'Core Regression Test' have been mapped to enable LDSO Exit Criteria tracking
- When a Cohort has met their Exit Criteria they can **proceed to their exit pathway**, however whilst progressing with formal exit, in parallel they have the option to continue with any planned '**Supplementary**' regression testing and the programme will continue to monitor the regression defect & release position in relation to the 'Exit Validity' of all Cohorts.
- When 2 Cohorts have met the SIT exit criteria, at this point the programme will also update the Overarching SIT F&M Exit Report for issue to governance review and approval. **Note:** other Cohorts / PPs can continue with 'Core' or optional 'supplementary' regression testing in parallel with formal programme SIT exit (the overarching Exit report will be subsequently updated as and when other Cohorts complete testing)
- **Note** 'Supplementary' regression testing will also be tracked and reported, but will only impact SIT exit in the case of defects

MHHS-DEL3545 SIT Regression Framework & Regression Pack v0.3 (SITAG Approved 28-Feb) - Re-cap of Principles

Defects & Releases:

- The Defect Management principles and process will be unchanged, noting that defect priorities will be set in relation to Regression stage objectives and agreed with Participants on a case-by-case basis

- Existing SIT defect SLAs will apply during Regression; however, a programme risk has been raised acknowledging that delays in the release of Central Party and Core provider fixes may delay the completion of Regression – each Central Party and Core provider has been actioned to provide their approach to mitigate defect resolution delays during the Regression stage –- See Risk **R1076:**

    - Avanade: 27/03: Risk accepted, not much mitigation as Regression time frame is small. There is some spare capacity within the Avanade testing team as SIT defects have tailed off, so Avanade are doing their own early regression tests
    - Elexon: 07/04: Approach to remain the same and ensure resource is aligned to support defect rates.
    - SCS: 24/04: Resourcing issues have been discussed and addressed within SCS to mitigate this risk.
    - RECCo: 24/04: No major concerns on this.
    - Avanade: 22/05: Avanade have spare resourcing capacity for SIT Regression

Cycle / Sprint Approach:

- An internal programme check point will be held at the end of each cycle / sprint where decisions will be made on:
    - Defect fix deployment plans
    - If incomplete tests can continue into the next sprint
    - If any tests need to be paused or restarted due to planned fixes and associated regression risk
    - If a Cohort has met their exit criteria and can stop testing (noting the aggregate CP defect position)

- A Cohort's checkpoint will be held at the beginning of the Cycle / Sprint and PPs informed of their actions to take

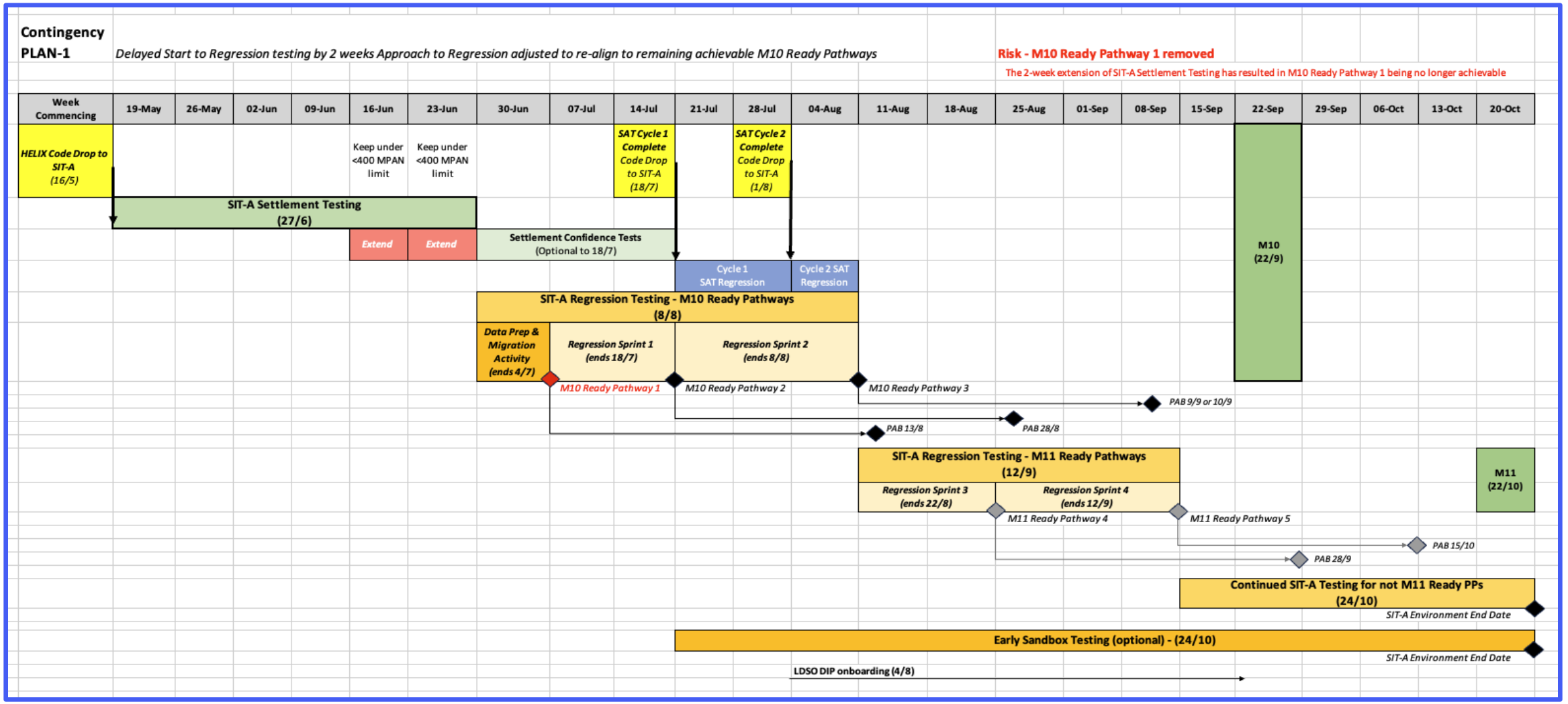
Supplementary Regression testing (during the Regression stage):

- The programme will support the execution of supplementary Regression tests; however, Cohorts / Participants must demonstrate that they have the capacity to execute these without impacting P1 regression tests, and that all Cohort members agree to support them
- Execution and completion of supplementary regression tests will not form part of that exit criteria; any Programme, Central Party, or Core Provider support will be 'best endeavours' and only available where it does not impact the completion of any Cohort P1 Regression tests or associated defect resolution
- Defects encountered during supplementary regression tests will be considered in the overall exit Criteria for SIT and subject to the same thresholds. Participants that have raised defects against supplementary regression tests will be expected to re-test any fixes delivered back into the test environment, unless it is agreed that another Cohort is available to retest the fix

Supplementary Regression testing (post-Regression stage):

- The programme will support the execution of supplementary Regression tests; however, Cohorts / Participants must demonstrate to the programme that all Cohort members agree to support them
- Any planned tests must be agreed with the programme beforehand; Programme, Central Party, or Core Provider support for testing and defects will be provided via the support capacity originally provisioned for the continued ‘non-MVC’ SIT Participant testing phase, if demand exceeds this capacity, then PPs should not expect the same responsiveness as during SIT Cycles 1, 2 & 3 and Regression
- Any defects encountered during these tests, will be assessed regarding production impact. Participants that have raised defects against these tests will be expected to re-test any fixes delivered back into the test environment, unless it is agreed that another Cohort is available to retest the fix

SIT-A Settlement Testing – Timeline for SIT-A Regression Testing



SIT Regression Test Functional & Migration Core Pack – Tracking Regression Test Exit Requirements

Key:
✓ = Req'd / Involved
'Flow Receipt Only' = No involvement in downstream processing

Theme	Test Case	Segment	Points	Cohort A	Cohort J	Cohort B	Cohort F	Cohort C	Cohort E	Cohort G	Cohort H	Helix Involved?	LDSO	UMSO	REGS
Executed During SIT-A Settlements Test Window															
8 - Settlement	**SITFTS-ST0030 Consumption settling normally**	Traditional, Smart, Advanced, Unmetered	**N/A**	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓(x2)	✓(x2)	
<u>Main</u> Cohort Tests Executed During SIT Regression Test Window															
1 - New Connections	**SITFTS-0050 TC01 Smart Metered**	Smart Meter	**200**	✓	✓	✓	✓	✓	✓	✓	✓	Flow Receipt Only	✓(x2)		✓(x1)
1 - New Connections	**SITFTS-0050 TC03 Advanced**	Advanced	**120**	✓	✓	✓	✓	✓	✓	✓	✓	Flow Receipt Only	✓(x2)		✓(x1)
2 - Change of Registration	**SITFTS-0940 TC01 Update for Domestic Premise Indicator Smart**	Smart	**10**	✓	✓	✓	✓	✓	✓	✓	✓	Flow Receipt Only	✓(x2)		✓(x1)
6 - Metering Changes	**SITFTS-0900 TC01 Traditional to Smart Meter Exchange**	Traditional	**20**	✓	✓	✓	✓	✓	✓	✓	✓		✓(x2)		✓(x1)
Forward Migration CoA	**SIT-M-FM-COA-MS-DS-TC01**	Trad	**80**	✓	✓	✓	✓	✓	✓	✓	✓	Flow Receipt Only	✓(x2)		✓(x1)
Forward Migration CoS	**SIT-M-FM-COS-MS-DS-TC04**	Smart NHH	**120**	✓	✓	✓	✓	✓	✓	✓	✓	Flow Receipt Only	✓(x2)		✓(x1)
Reverse Migration CoS	**SIT-M-RM-COS-MS-DS-TC03**	Adv HH	**80**	✓	✓	✓	✓	✓	✓	✓	✓	Flow Receipt Only	✓(x2)		✓(x1)
<u>Paired</u> Cohort Tests Executed During SIT Regression Test Window (**Note** these can be executed as either Gaining or Losing Supplier to meet Regression Exit Criteria for the Pair)															
3 - Change of Supplier	**SITFTS-0040 TC01 Smart Metered**	Smart Meter	**40**	✓		✓		✓		✓		Flow Receipt Only	✓(x2)		✓(x1)
5 - Change of Metering	**SITFTS-0120 TC01 Smart Metered**	Smart Meter	**40**	✓		✓		✓		✓		Flow Receipt Only	✓(x2)		✓(x1)
5 - Change of Metering	**SITFTS-0120 TC02 Advanced**	Advanced	**60**	✓		✓		✓		✓		Flow Receipt Only	✓(x2)		✓(x1)
7 - Consumption	**SITFTS-0012 TC02 Smart**	Smart Meter	**10**	✓		✓		✓		✓			✓(x2)		
4 - Change of Data	**SITFTS-0130 TC03 Unmetered**	Unmetered	**20**		✓					✓		Flow Receipt Only	✓(x2)	✓(x2)	✓(x1)
		LDSO Cohort Mapping		**SSEN**	**BUUK**	**BUUK**	**SSEN**	**BUUK**	**SSEN**	**SSEN**	**BUUK**				

SIT Regression – Checkpoints and Possible Exit Scenarios

Cycle / Sprint Check Point Approach (as per MHHS-DEL3545 v0.3):

1. An internal programme check point will be held at the end of each cycle / sprint where decisions will be made on:
   - Defect fix deployment plans
   - If incomplete tests can continue into the next sprint
   - If any tests need to be paused or restarted due to planned fixes and associated regression risk

2. A Cohorts checkpoint will be held at the beginning of the Cycle / Sprint and PPs informed of their actions to take

Assessing Cohort / LDSO Exit Criteria Status:

- Have Exit Criteria been Met (Y/N) **[Note this will be immediate as met, not tied to Sprint end]**
- Are there any CP defects raised by other Cohorts or planned releases that require additional testing to enable Cohort / LDSO Exit (Y/N)

Exit Reporting:

- If QP has Met Exit Criteria, then SI Test issues Regression Exit Declaration for QP Signing
- When 2 Cohorts have Met Exit Criteria SI Overarching Exit Report will be Issued for Governance Approval **[Note this will be immediate as met, not tied to Sprint end]**
- SI Overarching Exit Report updated as and when other Cohorts Exit

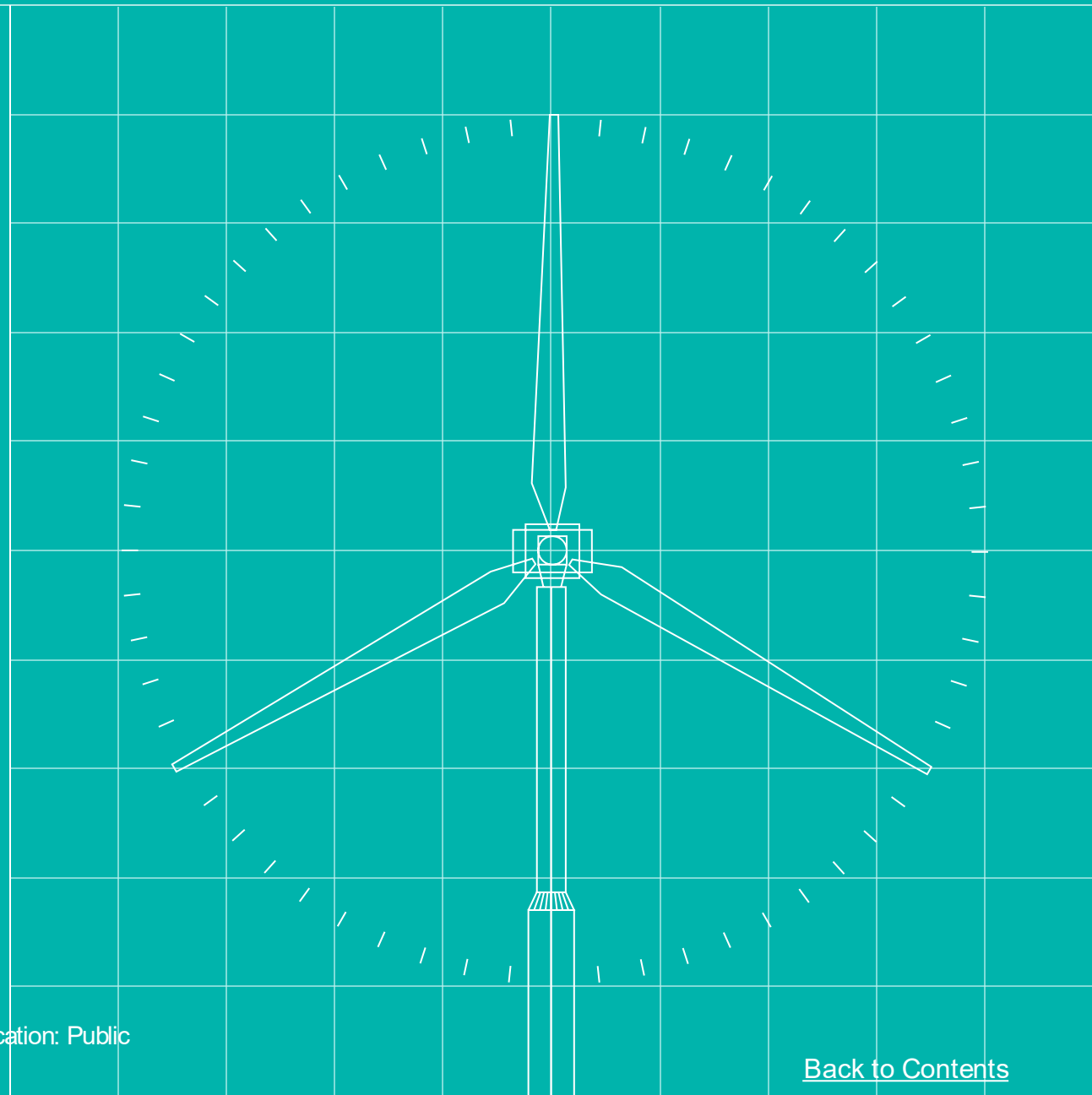
(How the Cohort Regression Exit journey might look)

M10 Ready - Pathway 2 (18-Jul) | *M10 Ready - Pathway 3 (08-Aug)* | *M11 Ready - Pathway 4 (22-Aug)* | *M11 Ready - Pathway 5 (12-Sep)*

	Sprint 1 (2 weeks)			Sprint 2 (3 weeks)			Sprint 3 (2 weeks)			Sprint 4 (3 weeks)			→ 24-Oct-25		
LDSO / Cohort	All Core P1 Regression Tests Executed	No S1 / S2 Defects	Acceptable Work Off Plans for S3 / S4 Defects	All Core P1 Regression Tests Executed	No S1 / S2 Defects	Acceptable Work Off Plans for S3 / S4 Defects	All Core P1 Regression Tests Executed	No S1 / S2 Defects	Acceptable Work Off Plans for S3 / S4 Defects	All Core P1 Regression Tests Executed	No S1 / S2 Defects	Acceptable Work Off Plans for S3 / S4 Defects	All Core P1 Regression Tests Executed	No S1 / S2 Defects	Acceptable Work Off Plans for S3 / S4 Defects
BUUK	Met	Met	N/A	QP Exit Declarations Issued & Signed (Note PPs may opt to continue with 'Supplementary' Reg tests)											
SSEN	Met	Met	Met												
Cohort 1	Met	Met	N/A												
Cohort 2	Not Met	Not Met	Not Met	Met	Met	Met	QP Exit Declarations Issued & Signed (Note PPs may opt to continue with 'Supplementary' Reg tests) 2+ Cohorts Met Exit Criteria → SI Overarching Exit Report Issued								
Cohort 3	Not Met	Not Met	Not Met	Met	Met	Met									
Cohort 4	Not Met	Not Met	Not Met	Not Met	Not Met	Not Met	Met	Met	N/A	QP Exit Declarations Issued & Signed (PPs may opt cont'd Supplementary tests) SI Overarching Exit Report Updated					
Cohort 5	Not Met	Not Met	Not Met	Not Met	Not Met	Not Met	Met	Met	Met						
Cohort 6	Not Met	Not Met	Not Met	Not Met	Not Met	Not Met	Not Met	Not Met	Not Met	Met	Met	N/A	QP Exit Declarations Issued &Signed SI Overarching Exit Report Updated		
Cohort 7	Not Met	Not Met	Not Met	Not Met	Not Met	Not Met	Not Met	Not Met	Not Met	Met	Met	N/A			
Cohort 8	Not Met	Not Met	Not Met	Not Met	Not Met	Not Met	Not Met	Not Met	Not Met	Not Met	Not Met	Not Met	Met	Met	Met

Programme Monitors for Central / Core Party Defects

Section 2:
Regression Data Prep



Data Load - Recap

We have loaded the final data into SIT-A, to support:

- The regression tests
- Additional MPANs for additional testing (e.g. Early Sandbox Testing in SIT-A environment or SIT tests not completed before regression)

How Many MPANS?

1. **Settlement – 50 per cohort, denoted with an "Allocated Test Case" reference starting with "S_"**
2. **Regression– circa 1.8k per cohort, denoted with an "Allocated Test Case" reference not starting with "S_"**

Suppliers (in conjunction with their other cohort members) can determine how many of these MPANs they wish to set up in their systems.

- 2k MPANs will not be required to complete regression testing but we have provided a large number to support additional Early Sandbox testing in the SIT-A environment (or re-tests of functional SIT) if required.
- **The programme have suggested 6 MPANs per test** are identified and migrated, to take into account any issues faced during testing, or defect retesting required.
- A Regression Data Preparation Template has been shared with PP's.

Regression MPANs Data Prep Template

Theme	Scenario Ref	Test Case Name	Test Case Points	Segment	MPAN Type	Internal / Cross Cohort	Initiating Role	ADO Test Case ID	Effective Time	Test Case Description	Test Data Requirement	Does the test involve Helix?	MPAN IDENTIFICATION GUIDANCE (Using Regression
1 - New Connections	SITFTS-0050 Create MPAN	SITFTS-0050 TC01 Smart Metered	**200**	Smart Meter	Import + Export	Internal	LDSO	54336	forward-dated (MPAN Creation current date)	New Connections Import + Export	Smart Import and Export MPANs to be created and Linked as part of the test step process, forward-dated New Connection (as per DES138 data	Y - receiving flows (MDS) - PUB-001 PUB-036 PUB-008	New MPAN so not in data provided
1 - New Connections	SITFTS-0050 Create MPAN	SITFTS-0050 TC03 Advanced	**120**	Advanced	Single	Internal	LDSO	53435	forward-dated (MPAN Creation current date)	New Connections Advanced	Advanced Single MPAN, forward-dated New Connection (as per DES138 data specification)	Y - receiving flows (MDS) - PUB-001 PUB-036 PUB-008	New MPAN so not in data provided
2 - Change of Registration	SITFTS-0940 Registration data update for Domestic Premise Indicator	SITFTS-0940 TC01 Update for Domestic Premise Indicator Smart	**10**	Smart	Single	Internal	Supplier	50792	Same Day	Update Domestic Premise Indicator (CSS02000 & IF-018)	Smart Single MPAN, Domestic changed to Non -Domestic (as per DES138 data specification)	Y - receiving flows (MDS) - PUB-018	C3-M-03_1 C3-M-04_1 S_S001 S_S006
3 - Change of Supplier	SITFTS-0040 Change of supplier, MS and DS	SITFTS-0040 TC01 Smart Metered	**40**	Smart Meter	Single MPAN	Cross Cohort	Supplier	54338	Forward-dated	COS with change of MS and DS	Smart Single MPAN, forward-dated Change of Supply, Metering Service and Data Service (as per DES138 data specification).	Y - receiving flows (MDS) - PUB-001 PUB-037 PUB-036	C3-M-03_1 C3-M-04_1 S_S001 S_S006
4 - Change of Data	SITFTS-0130 Change of DS, no change of supplier or MS	SITFTS-0130 TC03 Unmetered	**20**	Unmetered	Single	Cross Cohort	Supplier	53647	Retro-dated	Change of DS only - UMSDS - Retro dated	Unmetered Single MPAN, retro-dated Change of Data Service only (as per DES138 data specification)	Y - receiving flows (MDS) - PUB-037 PUB-036	C3-M-07 S_U001
5 - Change of Metering	SITFTS-0120 Change of MS and DS, no change of supplier	SITFTS-0120 TC01 Smart Metered	**40**	Smart Meter	Single MPAN	Cross Cohort	Supplier	54030	Same day	Same Day Change of Agent MS and DS. No Change of SUP	Smart Single MPAN, same day Change of Metering Service and Data Service (as per DES138 data specification)	Y - receiving flows (MDS) - PUB-037 PUB-036	C3-M-03_1 C3-M-04_1 S_S001 S_S006
5 - Change of Metering	SITFTS-0120 Change of MS and DS, no change of supplier	SITFTS-0120 TC02 Advanced	**60**	Advanced	Import + Export	Cross Cohort	Supplier	54031	Forward-dated	Forward-dated, Change of Agent MS and DS. No Change of SUP	Advanced Linked MPANs, forward-dated Change of Metering Service and Data Service (as per DES138 data	Y - receiving flows (MDS) - PUB-037 PUB-036	C3-M-08 S_A002 S_A003
6 - Metering Changes	SITFTS-0900 Change of meter - successful	SITFTS-0900 TC01 Traditional to Smart Meter Exchange	**20**	Traditional	Single	Internal	Supplier	50691	Current Day	Single Trad Meter to be Exchanged to Smart SMETS 2 Meter	Single Trad Meter to be Exchanged to Smart SMETS 2 Meter	N	C3-M-05_1 C3-M-05_2 C3-M-05_3 S_T001 S_T002
7 - Consumption	SITFTS-0012 Consumption on Change of Supplier, no change of MS	SITFTS-0012 TC02 Smart	**10**	Smart Meter	Single	Cross Cohort	Supplier	54331	Forward-dated	Forward dated COS with no change of MS or DS. Consumption checks	Smart Single MPAN Daily Consents, forward-dated Change of Supply with no change of Metering Service Metering & data Service remains the same organization to be appointed by new supplier) (as per DES138 data	N	C3-M-03_1 C3-M-04_1 S_S001 S_S006
Forward Migration CoA	Forward Migration CoA - Change of Services (MS + DS)	SIT-M-FM-COA-MS-DS-TC01	**80**	Traditional-NHH	Single	Internal	Supplier	43549	Next Day	Forward Migration with COA MS and DS - old world to new world		Y - receiving flows (MDS) - PUB-001 PUB-036	C3-M-05_1 C3-M-05_2 C3-M-05_3
Forward Migration CoS	Forward Migration CoS - Change of Services (MS + DS)	SIT-M-FM-COS-MS-DS-TC04 - Smart Meter	**120**	Smart NHH	Single	Internal	Supplier	43124	Next Day	Forward Migration with COA MS and DS - old world to new world		Y - receiving flows (MDS) - PUB-001 PUB-036	C3-M-04_1
Reverse Migration CoS	Reverse Migration CoS - This includes a Change of Services (MS + DS)	SIT-M-RM-COS-MS-DS-TC03 - Smart Meter	**80**	Smart Meter	Single	Internal	Supplier	47676	Next Day	Reverse Migration with COA MS and DS - new world to old world		Y - receiving flows (MDS) - PUB-003	C3-M-04_1 S_S006

About the Excel MPAN Tracking Tool

- The Excel MPAN Tracking tool will enable participants to select an MPAN reference and mark it as “in use” against a Test case refence
- Participants will also be able to enter notes against an MPAN reference
- Participants will be able to fill in excel fields that are not shaded
- The Programme will be able to view MPANs in use and track volumes used by participants

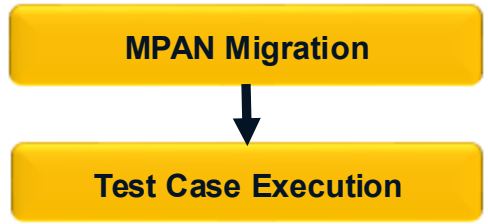
How to access the Excel MPAN Tracking Tool

- The Excel MPAN tracker will be hosted in Microsoft Teams MHHS Environment
- Participants must have an active MHHS license and must then join the Microsoft Teams Group titled *'MPAN Tracking Tool for SIT Functional*’. Participants should click ‘Join’ when prompted after following the link below:
- REGRESSION_MPAN_TRACKER_V1.0.xlsx
- The tracker can be found in the in the MS Teams Channel : MPAN Tracking Tool for SIT Functional

- Please only update the spreadsheet in the team’s location as this will avoid locking.
- Please close down excel spreadsheet when not using
- If you require assistance on the process outlined above, please contact Testing@mhhsprogramme.co.uk

For full guidance please click here

SIT-A Environment Data Load and Set-up processes required to support Regression Testing



1. *MPAN Migration*
   - Activity anticipated to start on Monday ***30-June-2025***
   - All MPANs will start in a legacy state, the 1800 regression MPANs will need to be migrated to MHHS first.
   - PPs to initiate forward migration business processes for **ALL required** Regression Testing MPANs, including all Supplementary tests.
   - Use 'Next Day CoA' migration event approach
     - Supplier sends IF-031 with *Service Provider Appointment Scenario* = 'MCA' (Migration Change of Agent) with **next day** '*Proposed MS EffectiveFrom Date*' i.e.**1-July-2025**
     - Data Service and Metering Service appts must also be sent via IF-034s on this date prior to gate closure
     - All migration related messages must be sent and completed by gate closure on **30-June-2025** (by 3.30 UTC (4.30 BST))
     - This will enable the IF-036s to be sent fully completed at 15:30
     - The MTDs (D0150/149 and D0268) can then be loaded and sent by the MS to the SUP, LDSO and DS
2. *Test Case Execution*
   - Test Case execution can only occur once the previous stages are complete
   - Activity anticipated to start on Monday 7-July-2025

Data Load Timetable Example - Recap

When	Activity	Who
23/06 onwards	Identify 6 MPANS for each Regression test case	All
30/06 – 04/07 Daily	Send IF-031	SUP
	Send IF-032 and IF-033	SCS
	Send IF-034	MS/DS
	Send IF-035	SCS
	Gate Closure Event (3.30 UTC (4.30 BST))	REGS
	Send IF-036 (Post Gate Closure)	SCS
	Send D0388 (Post Gate Closure)	UMSO
	MS and DS effective from date Event	All
	Load and send MTDs (D0150/D0149/D0268)	MS
	Send IF-021	DS
07/07 – 18/07	Regression Cycle 1 - Test Case Execution	All
21/07 – 08/08	Regression Cycle 2 - Test Case Execution Settling Normally Lite (ST0099)	All

Who loads data in the Maintenance Window? - Recap

- **Supplier:**

In the maintenance window they will load MPANs in a Legacy State using the CSV file we have provided. They should determine how many MPANs and of what type they wish to load.

- **MSS, MSA:**

Do not need to load any data within the maintenance window as they will be appointed using the migration process once the testing starts. They will need to load the D0268 or D0150/D0149 that we have provided as soon as they are appointed via the IF-033 and IF-036.

- **ADS, SDS:**

Do not need to load any data within the maintenance window as they will be appointed using the migration process once the testing starts. They will receive all required data via this process – so their systems will start testing phase with no Regression MPANs populated.

- **UMSO:**

In the maintenance window they will load MPANs in a Legacy HH state using the CSV file we have provided. They should create inventories for all MPANs. Once testing starts they will be appointed via the migration process and informed who the UMSDS is, they should then immediately send a D0388 to the UMSDS.

- **UMSDS:**

Do not need to load any data within the maintenance window as they will be appointed using the migration process once the testing starts. They will receive all required data via this process (IF-033/IF-036 and D0388 etc) – so their systems will start testing phase with no MPANs populated.

- **LDSO:**

They will populate the required MPAN data for all MPANs (15k) in the maintenance window. In previous phases this has been done via the CSV or via MPRS data sync.

- **EES:**

This needs to be agreed, but as the MPANs are in a Legacy state then the MPRS delta updates could be used

- **Helix and DIP:**

These systems will start the phase populated with no Regression MPANs to replicate M10, so no data loading in the maintenance window. Previously used non-Settlement SIT-A MPANs must be removed from those systems.

- **MPRS and DCC:**

They will populate the required MPAN data for all MPANs in the maintenance window. MPRS, CSS and DSP will remain connected to one another in the window so that BAU interfaces will be used to populate data between systems.

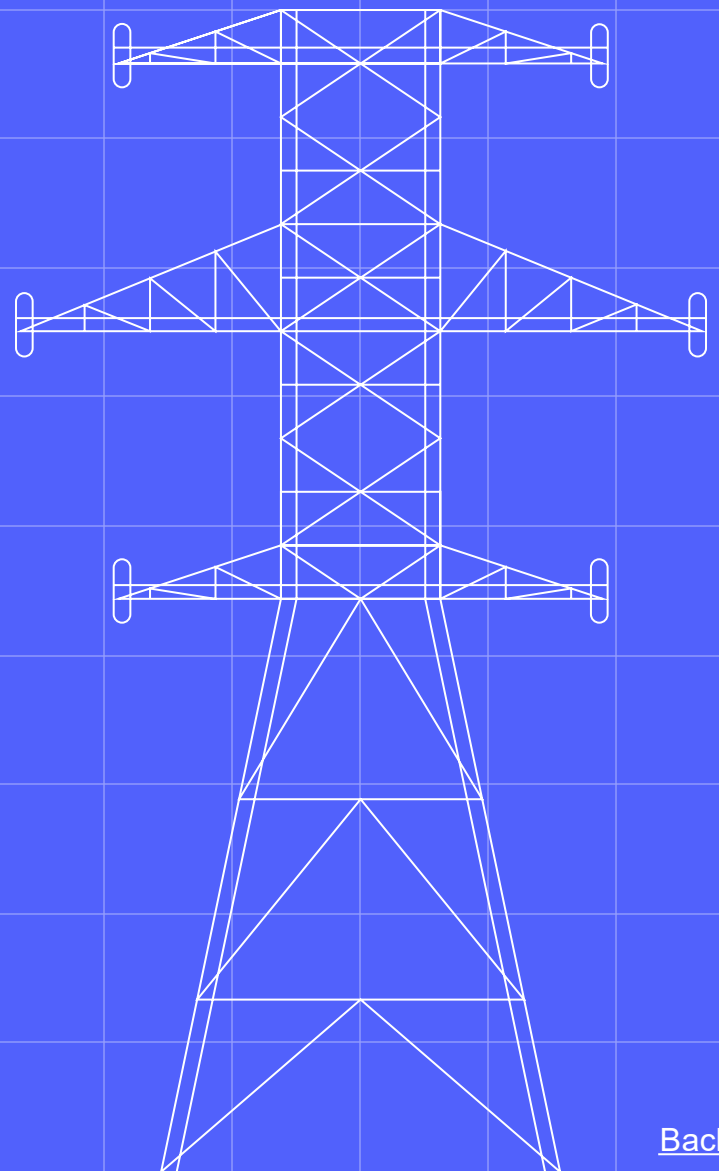
Prep Week Checklist

Test Preparation Week Actions:

1. All PPs within a cohort, and Central Parties, to deploy and confirm that they are operating on their target production code base prior to the start of 'Regression Sprint 1' testing
2. Completion of any outstanding SIT Ops testing
3. Identify 6 MPANS per test case to be used for regression testing
4. Loading of all required MPAN data by Internal cohorts into environments – as per previous slides
5. MHHS data migration of identified MPANS to load regression data – initiated by SUP IF-031
6. DS to continue to send DAILY IF-021s into the DIP for the next 6 weeks until the end of SAT Regression Testing (currently forecast for 8-Aug-25)
7. Create Teams Channel Posts for all test cases in readiness for Regression Sprint 1, include the following details:
    - Test Case Name
    - MPAN to be used
    - Tag CP and Roles to be involved in the test
    - Include any key dates like EFD/SSDs

The Programme will be requesting status updates for the above at the daily 10AM Regression stand ups.

Section 3: Execution key info: ADO, Defects & Release Management



MHHS PROGRAMME

Industry led, Elexon facilitated

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Ongoing ‘Settlement Processing’ Support

- To support the continued running of the Settlement Process in the SIT-A environment, so that **SAT Regression Testing** is possible *(planned from 21-July to 8-Aug),* **ALL Data Services in EACH cohort** are requested to **continue sending DAILY IF-021s into the DIP**, including either actual or estimated consumption data for all 48 settlement periods.
    - This activity needs to occur every day for the next 6 weeks until the end of SAT Regression Testing (currently forecast for 8-Aug-25), in the same way that it was to support SIT-B and SIT-A Settlement testing.
    - As a minimum, this needs to be for all 397 ‘Settlement’ MPANs that were used in SIT-A Settlement Testing (References prefixed with a ‘S_’).
        - If Data Services send in additional IF-021s for additional non settlement MPANs as additional MPANs are migrated into the SIT-A environment to support further Regression Testing then this is also not a problem.

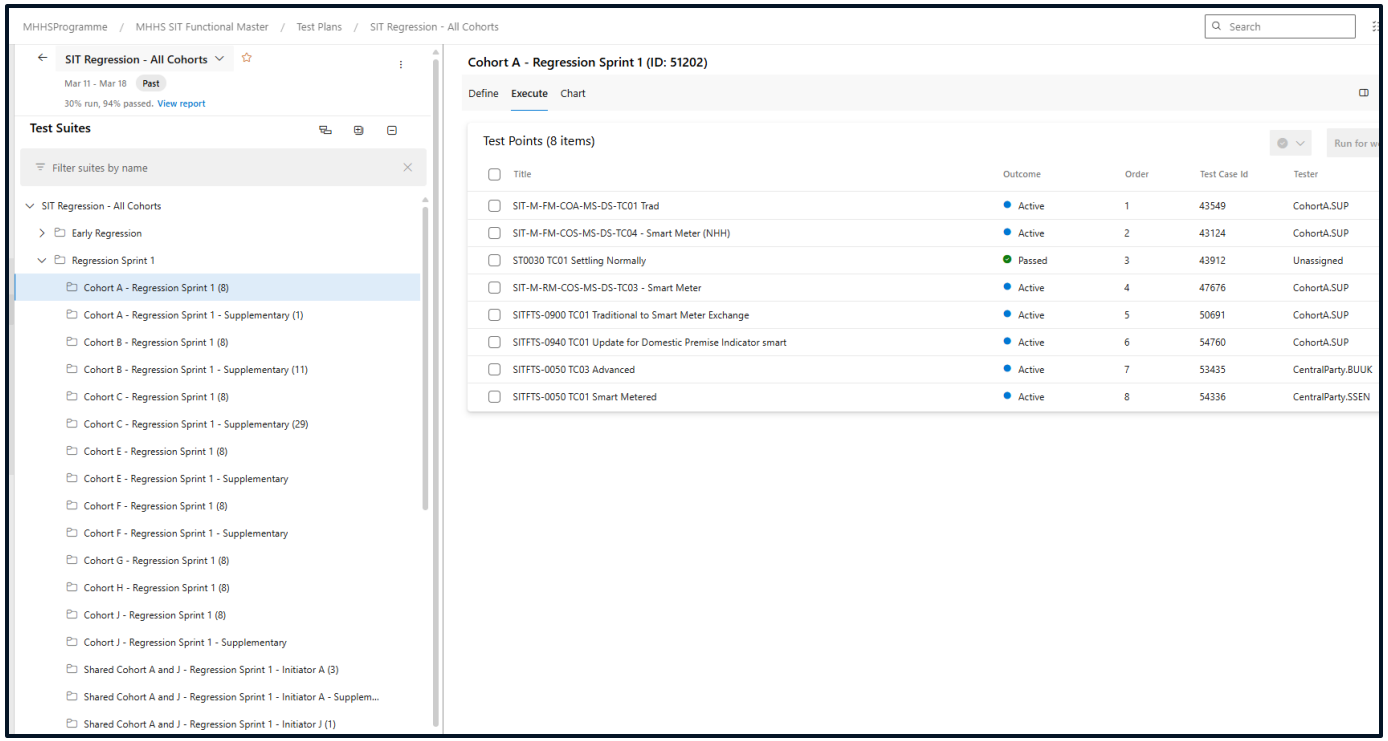
Regression Testing

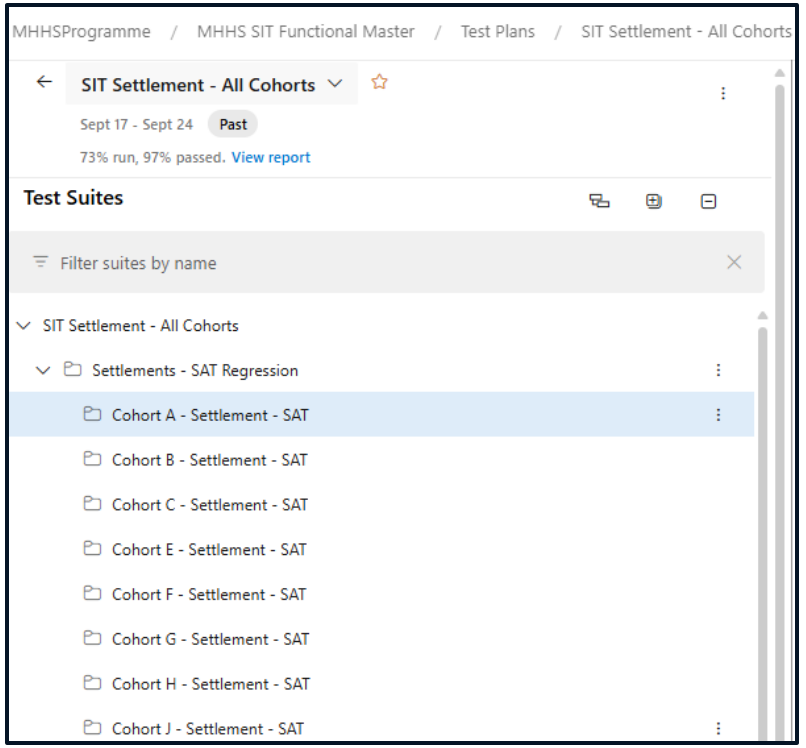
- As of Monday 30-Jun-25, **Regression Testing in the SIT-A environment** will commence as per the updated plan,
    - **Data Prep & Migration Activity** - Cohorts may start the Migration activity for any additional MPANs required for Regression Testing
        - *Note - This activity is likely to not require a full week of activity and so there is potential to start ‘**Regression Sprint 1’** earlier. However, it must be stressed that the entire cohort must be ready and ensure the Programme is in position to support that cohort.*
    - **Regression Sprint 1 -** All PPs within a cohort, and Central Parties, to confirm that they are operating on their target production code base prior to the start of 'Regression Sprint 1' testing *(noting the planned Helix post-SAT release as an exception)*
        - Action required to reduce risk of any early Regression testing being invalidated
    - **Regression Sprint 1** – If required, and as a choice for each cohort, this activity can start early prior to the published start date of 7-Jul-25.
        - *Note - If a Cohort has not completed SIT Ops testing yet, then the Programme is recommending that this activity is completed prior to the start of any ‘Regression Sprint 1’ testing activity*

ADO Test Plan Folders

The Regression tests can be found in Regression Folder Test Plan 51190 SIT Regression - All Cohorts - Test Plans
The SAT Regression tests can be found in the Settlements Folder Test Plan 40811 SIT Settlement - All Cohorts - Test Plans

- Tests have been placed into cohort or joint cohort folders.
- Core tests can be found in the Sprint folders.
- Supplementary tests have been placed in separate folders.





Defect Categorisation For SIT F&M Regression and SAT Regression

There is no change in the defect process communicated in the regression DITL pack.

To support Regression defect resolution and MI reporting, any defects need to be raised with the following configuration parameters:

Test Phase - PPs must select the test phase the defect is encountered in:

- **SIT Functional –** for Functional Regression testing defects and SAT settlements defects
- **SIT Migration –** for Migration Regression testing defects

New Test Cycles:

- SIT Regression MPAN Migration
- SIT Core Functional & Migration Regression Sprint 1
- SIT Core Functional & Migration Regression Sprint 2
- SIT Core Functional & Migration Regression Sprint 3
- SIT Core Functional & Migration Regression Sprint 4
- SIT Supplementary Functional & Migration Regression Sprint 1
- SIT Supplementary Functional & Migration Regression Sprint 2
- SIT Supplementary Functional & Migration Regression Sprint 3
- SIT Supplementary Functional & Migration Regression Sprint 4
- Settlement SAT Regression Sprint 1
- Settlement SAT Regression Sprint 2

Guidance note:
Found in build version – needs to be maintained during regression testing so programme can track on which code base the defect was raised against for regression testing. To be populated at raising if the defect is internal, or at Fix Identification stage if its CP.

- Free Text Box

Regression Test Execution Principles

1. Core Regression tests need to be run as a priority. Supplementary tests will be considered a 2nd priority.
2. To support SAT Regression, DS continue sending DAILY IF-021s into the DIP for Settlements MPANS
3. No evidence capture is required; however, each cohort and each role will be required to pass their steps in ADO during test execution
4. Test execution will be primarily managed through Teams Posts and daily stand ups
5. Once role steps have been actioned, cohort teams must handover the test to the next role via MS TEAMS Chat tagging, and updates of the Assigned Tester in ADO
6. Please add the following information in the first step of each test case:
    - MPAN being used for the test case
    - SUR of the message that has been triggered for the first part of the test (to enable tracking of the messages in the DIP portal)
    - Any relevant information that downstream parties might need during execution – SSD, EDF etc
7. Reverse migration test case – same process as used in Cycle 2 as per previous reverse migration process. The reverse migration is initiated by the DCC acting as the CIDC legacy supplier.
    - Cohorts selects migration MPAN
    - Populate the reverse migration tracker sheet - RM Tracker - Teams
    - Contact DCC via teams to initiate the reverse migration and send the switch request to CSS
    - Contact SCS for D205s
8. Forward Migration – Identify MPANS during the preparation week to be forward migrated

Defect Triage and Release Management Principles

During Regression Testing the overall principles for Defect Triage and Release Management will remain aligned to the DITL.

However, during Regression there will be increased focus on the defects raised and impact analysis on each defect to ensure priority and severity is reflective of the impact to testing.

Defect Management:
Defect Impact Analysis will be carried out on core and supplementary testing defects to understand the impact of the issue on testing to all cohorts and functionality

- If a defect is identified as a P1 and impacts all testing scope, then programme will decide to suspend testing and communicate to participants via the co-ordination team and the TEAMS channel
- If a defect is identified as a P2 and impacts some of the test cases in scope, programme will seek to communicate the impact of the defect and the impacted test cases via the co-ordination team and the TEAMS channel. Programme will then plan to either:
  - ❑ Suspend testing of the impacted test cases for all cohorts, OR;
  - ❑ Suspend testing for some of the cohorts, requesting other cohorts to continue the test downstream to flush out any potential issues – Noting that the test case will need to be rerun post defect deployment by all
- P3 and P4 defects will be impact assessed and once understood, will seek to have work off plans put in place to allow SIT Exit

Release Management
An internal programme check point will be held at the end of each cycle / sprint where decisions will be made on:

- Defect fix deployment plans
- If incomplete tests can continue into the next sprint
- If any tests need to be paused or restarted due to planned fixes and associated regression risk
- If a Cohort has met their exit criteria and can stop testing (noting the aggregate CP defect position)

- A Cohort's checkpoint will be held at the beginning of the Cycle / Sprint and PPs informed of their actions to take

- Via the Teams Channels Cohorts will also be provided status of the core regression pack, highlighting any blocked or failed test cases at the start of each week and allowing for execution planning accordingly. ADO will also be updated to reflect the same. **Note programme will be carrying this out for Core Regression tests only. Supplementary regression test execution planning is to be managed by the cohort teams.**

End