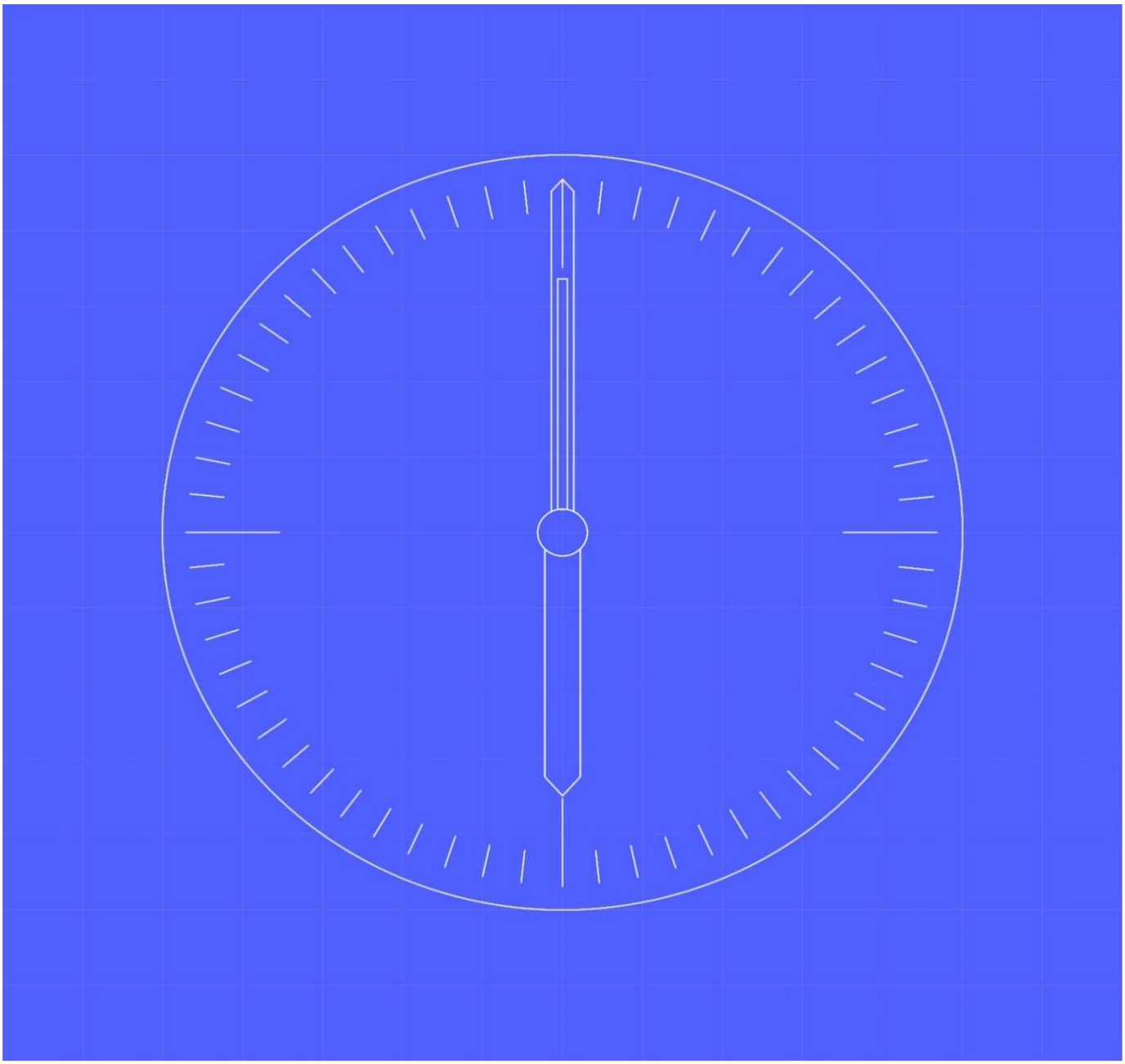
MHHS PROGRAMME
Industry-led, Elexon facilitated

Non-SIT Supplier and Agent Qualification Testing Onboarding Guide



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1 Contents

1.1 Change Record

Date	Author	Version	Change Detail
16/05/2025	Non-SIT S&A QT Team	1.0	Published version.
23/10/2025	Non-SIT S&A QT Team	1.1	Update to section 3.1.5 with enhanced guidance
15/01/2026	Non-SIT S&A QT Team	1.2	Correction to DTN flows to be configured in section 3.1.5

1.2 Reviewers

Reviewer	Role
Various	Non-SIT S&A QT Team
Various	LDP
Various	SRO
Various	Code Bodies (BSC and REC)

1.3 References

Ref No.	Document/Link	Publisher	Published	Additional Information
REF-01	MHHS-DEL1671 DIP Onboarding Guide	MHHSP	24th November 2023	
REF-02	QT Test Catalogue and QT Pro Forma	Non-SIT S&A QT Team	V1.3 published 3rd Oct 2025	
REF-03	MHHS-DEL2746 Non-SIT S&A Qualification Test Data Approach and Plan	MHHSP	24th April 2025	
REF-04	MHHS-DEL2443 Annex 2 Non-SIT Supplier & Agent MHHS QT Approach and Plan	MHHSP	30th January 2025	
REF-05	MHHS-DEL3038 Non-SIT S&A MHHS QT Test Plan	Non-SIT S&A QT Team	2nd Sept 2024	
REF-06	MHHS-DEL3815 Non-SIT S&A QT Test Steps	Non-SIT S&A QT Team	V4.0 published 16th Oct 2025	

1.4 Terminology

Term	Description
Various	For terminology, see MHHSP Glossary on the MHHS portal: Programme Glossary (SharePoint.com) Please see Appendix 15 in QA&P: List of Acronyms

2 Executive Summary

This document outlines in detail the activities required to onboard to the systems required for Qualification Testing.

3 Onboarding (Qualification Testing Preparation)

Ahead of each Qualification Wave, Participants are required to onboard to multiple systems with the Qualification Environment. These are:

- DIP
- Qualification Test Framework (QTF)
- Azure Dev Ops (ADO)

The onboarding windows will be staggered, with DIP Onboarding a pre-requite to QTF and ADO.

3.1 Qualification Onboarding

3.1.1 Onboarding into the DIP

The DIP Team will be hosting a series of DIP Onboarding Webinars ahead of Qualification and a DIP Onboarding Guide available on the Collaboration Base.

To facilitate onboarding to the DIP, a multi-step process must be followed carefully to register the Participant organisation and establish necessary vetting, trusted certificates and keys.

It is heavily recommended that Participants complete the DIP Pro Forma to aid accurate configuration as well as enable the DIP Team and Non-SIT S&A Team to support onboarding. It is also strongly recommended to appoint a network infrastructure resource to aid through the onboarding process.

Further onboarding guidance can be found in the DIP Onboarding Guide available on the Collaboration Base. [REF-01]

When the Participants QT Wave window for DIP Onboarding opens, the Participants will receive a DIP Onboarding invite from the DIP Team.

When DIP Onboarding is complete, the Participant is required to inform their assigned Test Assurance Analyst of their DIP ID. This is a pre-requisite for QTF Onboarding.

3.1.2 QTF/ADO Onboarding

A series of documents and Webinars are planned to provide guidance on the use of the QTF, QTF Onboarding and Defect Management ahead of the Qualification starting.

Information required to onboard Participants to the QTF and ADO will be collected via the QTF Pro-Forma (to be supplied with the Test Catalogue) [REF-02].

Successful QTF/ADO Onboarding is an entry criteria to QT as stated in Section 10.6 of MHHS-DEL2443 Annex 2 Non-SIT Supplier & Agent MHHS QT Approach and Plan [REF-04].

3.1.3 Onboarding into ADO

All Participants are requested to complete the QTF Pro-Forma (to be supplied with the Test Catalogue) and submit to MHHSQualification@elexon.co.uk. The QTF Pro-Forma to be filled in by Participants will be used to create the initial accounts for access within ADO. The Email addresses provided on the Pro Forma should be those the Participants are nominating as their Defect Manager and Alternate Defect Manager.

The email addresses should be the participants organisation email address, not an MHHS email address.

When the Participants QT Wave window for ADO onboarding opens, the Participants assigned Test Assurance Analyst will ensure that the Participants ADO project and user access is configured.

Once complete, the Non-SIT S&A Team will send out an email invite to the Participant point of contact with a link to the ADO application.

At this stage, it is requested that Participants verify all requested users have access to the ADO and confirm access to their assigned Test Assurance Analyst via the MHHS private Teams channel.

3.1.4 Onboarding into the QTF

Similarly, all Participants are requested to complete the fields within the QTF Pro-Forma (to be supplied with the Test Catalogue) and submit to MHHSQualification@elexon.co.uk. The Pro-Forma to be filled in Participants will be used to create the initial accounts for access into the QTF.

Each participant is permitted to have 5 QTF users. The Defect Manager and Alternate Defect Manager could also be QTF Users but would count as part of the 5.

The email addresses should be the participants organisation email address, not an MHHS email address.

When the Participants QT Wave window for QTF onboarding opens, the Participants assigned Test Assurance Analyst will ensure that the Participants are onboarded into the QTF for each MPID and market role they're qualifying as, and that user access is configured.

Once complete, the Non-SIT S&A Team will send out an email invite to the Participant point of contact with a link to the QTF application.

Access to the QTF is via a URL. Supported browsers and versions are:

Windows Browser	Version	Resolution
Edge	129.0.2792.52	1920*1080 at 100% Zoom
Firefox	130.0.1	1920*1080 at 100% Zoom
Chrome	129.0.6668.59	1920*1080 at 100% Zoom

At this stage, it is requested that Participants verify all requested users have access to the QTF and confirm access to their appointed Test Assurance Analyst via the MHHS private Teams channel.

3.1.5 Configuring the DTN

Prior to running tests on the QTF, Participants must configure DTN traffic to route with the TR-06 Test Flag.

The DTN Portal can be accessed via:

https://webtools.aws.electralink.co.uk/webtools/#!/login

If Participants don't have an existing login, email Electralink.Helpdesk@electralink.co.uk.

Participant sending files to QTF:

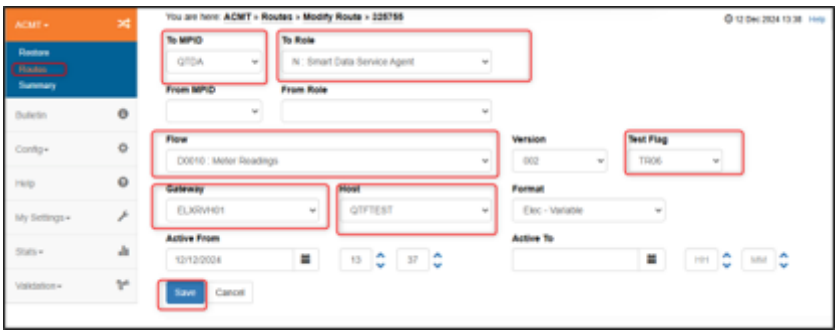
The QP should send files with test flag:TR06 to DTN, DTN will then forward this onto QTF.

Participant receiving files from QTF:

EXAMPLE - D0010 file from QTF

To configure the DTN:

- Log into DTN Portal.
- Click on Route button.
- Complete the following:
  - The 'To MPID' and 'To role' are the MPID/role of Participant
  - Flow to be received
  - Test Flag: TR06
  - Gateway/Host – will be specific to Participant
- Click on Save button.



RECEIVE FLOW CONFIGURATION

All steps need to be repeated for each flow it expects to receive from QTF via DTN as per below.

Receive	ADS	MSA	MSS	SDS	SUP	UMSDS
D0001		Yes			Yes	
D0010	Yes			Yes	Yes	
D0019					Yes	
D0036	Yes				Yes	
D0134		Yes	Yes			
D0139		Yes	Yes			
D0142		Yes	Yes			
D0149			Yes	Yes	Yes	
D0150			Yes	Yes	Yes	
D0179			Yes		Yes	
D0215		Yes				
D0217					Yes	
D0260					Yes	
D0268	Yes	Yes			Yes	
D0275					Yes	
D0300					Yes	
D0304		Yes	Yes			
D0383		Yes			~~Yes~~	
D0384		Yes			Yes	
D0388						Yes

SEND FLOW CONFIGURATION

Participants are only required to ensure that all flows sent contain the TR06 test flag as there is no specific configuration required for send flows. The possible flows covered by the entire Qualification Test Case portfolio are detailed as below.

NOTE: Participants should refer to 'MHHS-DEL3815 Non-SIT S&A QT Test Steps' (REF-06) document for detailed information on flows used for each QTC as not all flows may be required depending on the test set applied.

Send	ADS	MSA	MSS	SDS	SUP	UMSDS
D0001	Yes				Yes	
D0002		Yes	Yes			
D0003	Yes					
D0005		Yes	Yes		Yes	
D0010	Yes	Yes	Yes	Yes	Yes	
D0132					Yes	
D0134					Yes	
D0142					Yes	
D0149			Yes			
D0150			Yes			
D0151					Yes	
D0170		Yes				
D0179			Yes			
D0205					Yes	
D0214		Yes				
D0223					Yes	
D0225					Yes	
D0238					Yes	
D0268		Yes				
D0300					Yes	
D0301					Yes	
D0302					Yes	
D0306					Yes	
D0307					Yes	
D0308					Yes	
D0309					Yes	
D0311					Yes	
D0381					Yes	
D0383		Yes				
D0384		Yes				
D0389						Yes

~~Send~~	~~MSA~~	~~MSS~~	~~SDS~~	~~SUP~~	~~UMSDS~~
~~D0001~~	~~Yes~~	-	-	~~Yes~~	-
~~D0010~~	~~Yes~~	~~Yes~~	~~Yes~~	~~Yes~~	-
~~D0019~~	-	-	-	~~Yes~~	-
~~D0036~~	-	-	-	~~Yes~~	-

~~D0132~~	-	-	-	~~Yes~~	-
~~D0134~~	~~Yes~~	~~Yes~~	-	~~Yes~~	-
~~D0139~~	~~Yes~~	~~Yes~~	-	-	-
~~D0142~~	~~Yes~~	~~Yes~~	-	~~Yes~~	-
~~D0149~~	-	~~Yes~~	-	~~Yes~~	-
~~D0150~~	-	~~Yes~~	~~Yes~~	~~Yes~~	-
~~D0151~~	-	-	-	~~Yes~~	-
~~D0170~~	~~Yes~~	-	-	-	-
~~D0179~~	-	~~Yes~~	-	~~Yes~~	-
~~D0215~~	~~Yes~~	-	-	-	-
~~D0217~~	-	-	-	~~Yes~~	-
~~D0260~~	-	-	-	~~Yes~~	-
~~D0268~~	~~Yes~~	-	-	~~Yes~~	-
~~D0275~~	-	-	-	~~Yes~~	-
~~D0300~~	-	-	-	~~Yes~~	-
~~D0304~~	~~Yes~~	~~Yes~~	-	-	-
~~D0381~~	-	-	-	~~Yes~~	-
~~D0383~~	~~Yes~~	-	-	~~Yes~~	-
~~D0384~~	~~Yes~~	-	-	~~Yes~~	-
~~D0388~~	-	-	-	-	~~Yes~~
~~D0389~~	-	-	-	-	~~Yes~~

3.1.6 Running Smoke Tests via the QTF

As part of QTF onboarding, a limited set of smoke tests will be made available for each Participant within the QTF to check the following:

- DIP Connectivity
- DTN Connectivity with Test Flag TR-06

By running and passing each of these tests, each Participant can demonstrate full connectivity and throughput in readiness for Qualification Testing. On successful completion of these tests, the Participant should notify their Test Assurance Analyst via the MHHS private Teams channel.

Successful execution of these smoke tests forms part of QTF Onboarding and as such part of the entry criteria for QT, as stated in section 10.6 of MHHS-DEL2443 Annex 2 [REF-04] and section 3.4 of MHHS-DEL3038 Non-SIT S&A MHHS QT Test Plan [REF-05].

3.1.7 Capturing and Reporting successful QTF Onboarding

As the smoke tests are run in the QTF, the evidence will be automatically supplied and stored in the QTF itself. Participants should advise their assigned Test Assurance Analyst when the tests have been successfully passed so that DIP and DTN communication can be verified during onboarding.

3.2 Test Data Request and Allocation (MPANs)

Ahead of their Qualification wave, Participants qualifying as a Supplier, will be provided with an MPAN file during their QTF Onboarding. This is likely to be around 4 to 6 weeks before the start of their wave execution window to allow Participants time to load the Test MPANs in their systems.

The following guidance is provided for Test Data, MHHS-2746 Non-SIT S&A Qualification Test Data Approach and Plan [REF-03]:

- **Suppliers** are required to load the provided Test MPANs as legacy MPANs in their system(s) prior to commencing QTC execution. Test MPANs and their attributes will be provided in MPAN Files (CSV format) and made available through the Participant's allocated MHHS private Teams channel Files repository. (For Suppliers Only)
- **Agents** will use Non-Qualification Migration QTCs to initiate a Forward Migration Change of Agent to obtain Test MPANs through appointment
- Test MPANs are allocated to specific QTCs within the QTF
- 20 Test MPANs/MPAN sets will be provided for each QTC; additional MPANs can be provided on request for Suppliers by contacting the appointed Test Assurance Analyst.
- Test MPANs must be migrated prior to being used within a QTC.
- Specific Non-Qualification QTCs will be provided within the QTF to migrate the Test MPANs for use in QT.
- Role-specific Non-Qualification Migration QTCs will be provided.

3.3 Using the DIP Message Tracker and DIP Message Replay

There are guidance documents available for use of both the DIP Message Tracker and DIP Message Replay on the Collaboration Base. These are stored on the Knowledge Base as:

- Guidance - DIP Message Tracker.pdf
- Guidance - DIP Message Replay.pdf

3.3.1 Using the DIP Message Tracker

Within the DIP, an additional UI is available to allow Participants to view Messages sent into and out of the DIP. Both sending and receiving parties should use the DIP Message Tracker to check whether or not a message was sent or received successfully by the DIP.

For testing activities in particular, this feature will help support the triage of potential test defects when an expected message is suspected as not been received by another participant.

Note - The use of the DIP Message Tracker is expected to be a useful tool in support of Participants providing evidence as part of raising defects for any missing messages i.e. including UI screenshot /analysis with the defect.

3.3.2 Using the DIP Message Replay

Within the DIP, an option is now available to replay Messages via the DIP portal. This feature is provided to assist Participants to receive messages by replaying, if for some reason the message was lost due to system failure (alongside several other scenarios). The replay functionality will enable participants to retrieve and requeue messages from DIP archive.