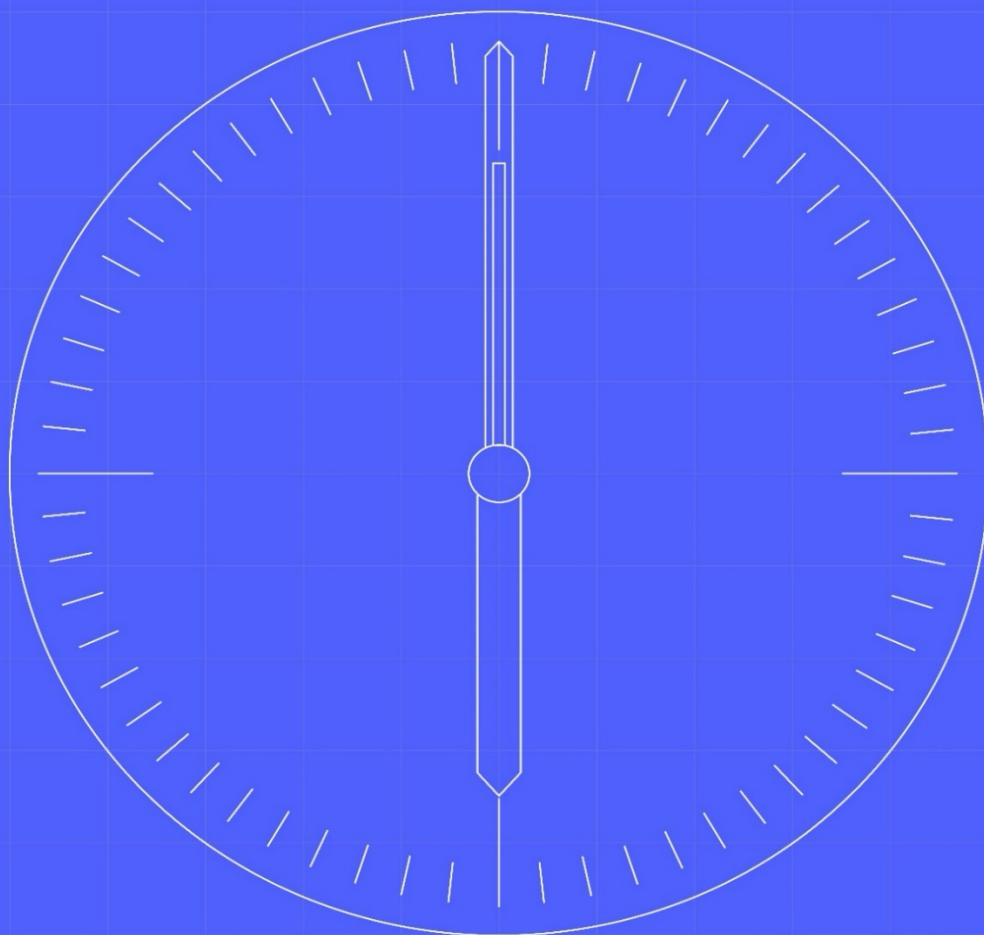


Non-SIT Supplier and Agent PIT & QT Lessons Learned FAQ



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1.1 Change Record

Date	Author	Version	Change Detail
02/09/2025	Non-SIT S&A QT Team	1.0	Published version.
11/09/2025	Non-SIT S&A QT Team	1.1	Added new sections for QTC Smoke Testing
25/09/2025	Non-SIT S&A QT Team	1.2	New sections added to 3.7
02/10/2025	Non-SIT S&A QT Team	1.3	Update to section 3.3.3, New section added to 3.7, various content and formatting updates to section 3.2.
09/10/2025	Non-SIT S&A QT Team	1.4	New Section added under 3.7

1.2 Reviewers

Reviewer	Role
Various	Non-SIT S&A QT Team

1.3 References

Ref No.	Document/Link	Publisher	Published	Additional Information
tbc				

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 Lessons Learned FAQ is a living document which shall be continuously updated throughout the Qualification Programme. The questions addressed cover all phases of qualification including PIT, Documentation Submissions and Qualification Testing.

Participants are encouraged to suggest new topics with either the Appointed Analyst or through the MHHSQualification@elexon.co.uk FAO Devon Leslie and Andy Dawson.

New versions will be published and notified via The Clock on a regular basis.

3 Frequently Asked Questions

3.1 General Questions About Qualification Documents

- **I've been asked to re-submit a document, is there anything I should do?**
 - Ensure you complete cover page and change control details on all documents.
 - Ensure all comments are addressed before re-submitting. If you are unsure how to address comments, request a call with an Analyst.
- **I'm placing full reliance on another Participant, do I need to submit all documents?**
 - Participants placing full reliance don't need to submit all documents but are required to submit a PIT/QT RTTM declaring reliance against all relevant requirements as per PIT Checkpoint 2 and QT Checkpoint 1.
- **What happens if I'm late on submitting documents?**
 - Late submission of checkpoint documents will have a direct impact on QT Wave entry and should be avoided wherever possible.

3.2 PIT RTTM Questions

3.2.1 Why has my PIT RTTM been rejected due to version?

- PIT RTTMs must be submitted with latest RTTM template. These can be downloaded from MHHS website - [Qualification Requirements to Test Traceability Matrix \(RTTM\) - MHHS Programme](#).
 - The RTTM templates are available specific on market role (Supplier, Metering Service, Data Service).
-

3.2.2 I am Placing Reliance but my RTTM has been refused?

- Please Ensure the columns dedicated to placing reliance details are updated as per the participant's PIT A&P document for all 4 testing areas. Columns names are:
 - *Placing Reliance Applicable (Y/N)*
 - *Placing Reliance Info - this should include the organisation conducting the test. This will need to be reviewed by code bodies*
 - *Partial reliance Detail*
-

3.2.3 I am either not placing reliance or placing partial reliance, but the PIT RTTM has been rejected. Why?

- If the participant is not placing any reliance, then column "**PIT Scenario ID - at least one but could be multiple**" must be updated with PIT Scenario ID which must be aligned/mapped correctly with the PIT Test evidence provided by the participant.
- A scenario must be provided for any requirement that is marked as 'Y' for QT Entry:
 - For functional tests, this should be one or more scenario IDs.
 - For non-testable items where supplementary documentation is provided, a document ID should be entered.
 - In both cases, supporting evidence packs will be required which map back to the IDs provided.

3.2.4 Do I need to test and/or provide evidence for requirements that are marked as 'Y' for PIT but 'N' for QT Entry?

- Yes, however this is not required to enter your testing wave. Any requirements not covered at QT Entry must be addressed prior to QT Exit and can be marked as 'deferred' in the scenario column. A conditional sign-off will be provided on the caveat that a work-off plan with timeline is sent to the PIT Assurance Team that outlines completion of all deferred items.
 - Please note that a final PIT RTTM and remaining evidence must be provided before QT Exit for review and approval prior to Participants submitting their final QAD.
 - Ensure requirements across all categories are covered including Functional, Non-Functional, Migration and Operational.
-

3.2.5 How to I evidence non-testable requirements?

- This should be discussed with the PIT Assurance Team ahead of your submission; please request a call to confirm the approach for any requirements deemed non-testable.
 - On agreement, non-testable requirements can be evidenced by provided including:
 - A high-level business flow with decision points and outcomes.
 - Supporting commentary to outline how the business meets the objectives of the requirement.
 - Excerpts from any design documents, service-level agreements or standard operating procedures that may apply.
 - An evidence pack will be expected for non-testable requirements; ensure a document ID is provided in the RTTM which should map to a corresponding evidence file.
-

3.2.6 My final PIT RTTM submission has been returned?

- Please ensure the following RTTM columns are updated along with Test Completion Report submission.
 - *PIT Status (Passed, Failed, Blocked, Not Run)*
 - *PIT Test Evidence Captured*
 - *Work Off Plan (Y/N) – for deferred items (only applies to requirements where QT Entry is marked as 'N')*
 - *Comments*

3.3 QT Test Catalogue Questions

3.3.1 My Test Catalogue was rejected due to altered content. What does this mean?

- The test catalogue contains protected content. Certain areas of the catalogue have been protected to prevent alterations to role requirements and distinct test run counts. If you require changes that are not possible with the document protection, please contact an Analyst for further support.
-

3.3.2 My Test Catalogue was rejected because of missing user information?

- The Pro-Forma tab in the QT Test Catalogue needs to be updated with MPID, role and QTF & ADO users correctly to facilitate QT Onboarding.
-

3.3.3 My Test Catalogue has been rejected due to lack of adherence to minimum coverage?

- Ensure the minimum QTC set is applied for as stated in the 'No Reliance Minimum Test Set' or 'Partial Reliance Minimum Test Set' found in the 'Non-SIT Supplier and Agent QT Test Scenarios Consolidated List' (DEL3445) as applicable to your placing reliance arrangements.
 - Any deviation from the minimum must have code bodies prior approval.
-

3.3.4 My Test Plan, Test Catalogue and QT RTTM have all been rejected due to reconciliation errors. What do I need to do?

- The number of QTC's in the QT Plan should match across your QT Test Catalogue and QT RTTM:
 - Ensure that you filter the catalogue by role before counting the distinct tests to run; check the sum before updating the QT Test Plan, Section 4.2.
 - The total number of distinct tests for your role MUST MATCH the total number of tests declared in Section 4.2 of the QT Test Plan.
- Make sure the QT Test Catalogue covers both included and excluded QTCs. DO NOT delete rows or alter the catalogue in any way apart from identifying exclusions and rationale.
 - Ensure that any QTCs marked as 'excluded' have a reason/rationale stated in the column provided; this should align with your QT RTTM declarations.

3.4 QT RTTM Questions

3.4.1 What version of the RTTM should I submit?

- Make sure you are using the correct most up-to-date template specific to your Participant role which can be found here - [Qualification Requirements to Test Traceability Matrix \(RTTM\) - MHHS Programme](#).
- Participants should bear in mind that future submissions should always use the most up-to-date template.

3.4.2 I am placing full reliance on another Participant and Service Provider. Do I need to submit a QT RTTM?

- Yes! If you are placing reliance, columns AA and AB (Placing reliance applicable (Y/N) and Placing Reliance Info) must be populated for ALL requirements required for QT. You are not required to provide any other QT documents.

3.4.3 My QT RTTM was rejected due to missing QTCs. How do I fix this?

- Column Z (QT Test Scenario/s to be executed) must include all QTCs you intend to execute and should align with your included tests selected in the QT Test Catalogue. Your QT RTTM must also align with the Minimum Test Set for No Reliance (if no placing reliance applies) or the Minimum Test Set for Partial Reliance (if partial reliance applies).

3.5 QT Readiness Report Questions

3.5.1 Why has my report been rejected due to lack of completion?

- Section 2.8 – Test Readiness Status should be updated as much as you can up to the time of sending the report.
- Section 2.10-2.13 – Should have comments within these sections or put N/A with an explanation; these sections are NOT to be left blank.
- Section 2.14 – QT Readiness Declaration should be signed off.

3.6.1 Why has my Test Plan been rejected due to reconciliation/mismatch?

- The number of distinct tests identified in Section 4.2 of the QT Test Plan **MUST MATCH** the sum of the 'distinct tests to run' column for your role and for the tests you have marked 'included'.
 - The selected QTCs in the Test Catalogue must also align with the declared QTCs in the QT RTTM otherwise Section 4.2 of the Test Plan cannot be accepted, and by extension the entire QT Test Plan.
-

3.6.2 What do I need to do to make Section 4.2 correct?

- If there are multiple roles being tested you **MUST** split by role by adding extra tables for each role to be tested with individual fortnightly test counts, start dates and total tests to be run.
 - The total tests to be run declared in this section must match the total distinct tests sum for your role in the Test Catalogue (as per the guidance tab in the Test Catalogue).
 - The total must be broken down by fortnight in the execution table.
 - Multiple roles cannot be combined – you must complete both tables in Section 4.2 for EACH role being tested.
-

3.6.3 I have received feedback that my Placing Reliance section is incorrect. Why?

- If placing reliance, please make sure section 3.1 is updated.
 - Participants should be aware that Placing Reliance arrangements are distinct from 'TOBO' (Testing on behalf of) arrangements.
 - Placing Reliance implies that no testing will be carried out and must rely on another Participant who has qualified.
 - If a third-party IS carrying out testing in PIT and QT for a Participant, the Participant is still required to submit all PIT and QT documents.
 - Participants who are unsure as to what to declare should contact the Analyst for further support.
-

3.6.4 What should I do with Section 10?

- All fields in Section 10 should be updated or marked N/A if not applicable with an explanation provided.

3.7 Qualification Testing Framework (QTF) Questions

3.7.1 Configuration Questions

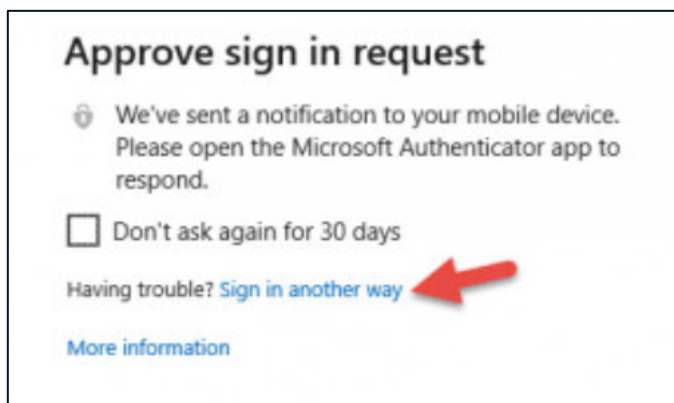
3.7.1.1 How do I configure for DTN Flows for the Qualification Testing Framework?

- Please refer to the guidance provided in the Non-SIT S&A QT Onboarding Guide found here: [DEL3770 Non-SIT S&A QT Onboarding Guide](#)
-

3.7.2 General Access Questions

3.7.2.1 I'm having problems logging into the QTF. What do I need to do?

- When a user signs in to the QTF, the initial authentication is always performed by their home identity provider (IdP). For example, if the user is johnsmith@abc.co.uk, the authentication request is redirected to the abc.co.uk Entra tenant or other IdP, which validates the credentials (e.g., password, MFA, conditional access). Once authentication is successful, that IdP issues a security assertion or token that is passed back to the Elexon Entra tenant. The Elexon Entra tenant then uses this trusted token to grant the user access to QTF.
- It has been reported by some users that the authentication form may generate an error message or get caught in a loop. A potential workaround is to choose the 'sign in another way' option to and select 'send a request to my device' to force a new authentication sequence.



- Elexon's tenant does not perform the password check itself; it relies on the home IdP to verify the user's identity and then trusts the authentication result via federation. If a QTF user is experiencing authenticator issues following a change of mobile device, please reach out to your assigned Assurance Analyst for support.

3.7.3 Training Questions

3.7.3.1 How do I use the Qualification Testing Framework (QTF)?

- A webinar is available that explains use of the QTF in detail. The webinar can be found here: [QTF Webinar](#)
- A help section is also available on the QTF itself and can be found as shown below:



3.7.4 Smoke Testing Questions (DTN and DIP)

3.7.4.1 How do ensure the correct HTTP return code to the DIP?

- **The HTTP return code to the DIP on receipt of a message should be 201 for Message Success**
 - When a DIP message is sent to/from the DIP, for it to be considered fully delivered it should have a Status Code of 201, and a Status of Delivered, often a QP will receive a message, but the DIP doesn't believe it to be delivered, this is usually a Status Code of 200 and will display a red X on the Delivered column below, instead of the three green ticks.

Sent Date/Time	Interface	Sender Unique Ref	Transaction Id	Correlation Id	MPAN	Received	DIP	Delivered	Failed	Undelivered	Details
2025-09-10T15:23:44	IF-032	S-IF-032-2296000004-REGS-20250910-e0834d99da6954d8	T-IF-032-2296000004-REGS-20250910-664D00B4A0F4D000	CI-20250910-664CFF77CDF4D000	9620000953403	✓	✓	✓			

```
Raw JSON
{
  "Reason": null,
  "SentDateTime": "2025-09-11T10:46:59.000000Z",
  "Duration": "247",
  "SenderUniqueRef": "S-IF-031-2396000002-SUP-20250911-d1d7837d002b5654",
  "TransId": "T-IF-031-2396000002-SUP-20250911-664E0AF43334D000",
  "CorrId": "CI-20250911-664E0AF432B4D000",
  "SenderCorrId": "",
  "MPAN": "9620000692148",
  "DIPStage": "Outbound",
  "Status": "Delivered",
  "StatusCode": "201",
  "Message": "HTTP Status:Created",
  "Recipient": "2296000004",
  "Recipients": "2296000004",
  "RecipientMap": null
}
```

3.7.4.2 What DTN test flag should be used?

- **The DTN Test flag should always be set to TR06**

```
ZHV|01DEE307F9|D0149001|S|QTFB|S|QTFA|20250826085353|||TR06|
280|9620000670570|20241101|
281|0801|20241101|
778|00306|
283|M006705610|
284|2|1|
ZPT|01DEE307F9|5||1|20250826085353|
```

3.7.4.3 How do I search for DIP messages using the DIP Portal?

- **The most effective way to search for a message in the DIP is via correlation ID or Transaction ID, which can be found inside the .ack file of a DIP message in the QTF**
 - The Transaction ID or Correlation ID can be used along with the date & time the QTC was run, when a message is sent in the QTF, the step the message was sent on should have a copy of the message sent, and an acknowledgement file, open the acknowledgement file (.ack) and you should be able to find the correlation ID in there. Go into the DIP “Messages” section, enter the date and time the QTC was run, expand the “additional parameters” and paste the correlation ID or transaction ID in.

```
{
  "messageArray": [
    {
      "transactionID": "T-IF-032-2296000004-REGS-20250910-664D0084A0F4D000",
      "senderUniqueReference": "S-IF-032-2296000004-REGS-20250910-e0834d99da6954d8",
      "correlationID": "CI-20250910-664CF777CDF4D000",
      "sentTimestamp": "2025-09-10T14:23:44+01:00",
      "senderID": "0000000000",
      "recipientID": "2296000004",
      "DIPConnectionProviderID": null,
      "message": "MSG0000:Success",
      "help": null,
      "serviceTicketURL": null
    }
  ],
  "timestamp": "2025-09-10T14:23:44+00:00"
}
```

Sent Messages

Use the selection criteria below to search the DIP auditing journals to discover the processing details for specific messages.

Date/Time Processed From	Date/Time Processed To	MPAN	DIP ID	
2025-09-10 07:48	2025-09-10 17:48	96200000653403		Confirm

Additional Parameters

Interface	Transaction Id	Sender Unique Reference	Correlation Id
	T-IF-032-2296000004-REGS-20250910-664D0084A0F4D000		CI-20250910-664CF777CDF4D000

3.7.4.4 *How do I open MPAN files without corrupting the data?*

- When opening an MPAN File, these files are stored as .csv rather than .xls files, and opening in Excel will format the MPAN data and cause issues (unexpected data transformation) within the MPAN File, to avoid this, the MPAN File should be opened in a text-based tool such as Notepad++
-

3.7.5 **Qualification Test Case (QTC) Questions**

3.7.5.1 *When will the full Test Set be available?*

- Once the Smoke tests have been completed and verified by the QT team, your full Test Set will be unlocked.

3.7.5.2 *QTC-043 Invalid Message Test*

- **A QTC specifies that I must send an invalid message, but our system is incapable of sending such a message due to in-built validations. How can we proceed?**
 - The Code Bodies recommend that the QTC be followed, and an invalid file be sent as this may make the rest of the test case easier in terms of handling the rejection/exception.
 - However, if it is not possible to send an invalid message, a valid message can be sent, which will allow the QTC to progress as described in the QTC steps.

3.7.5.3 *Where can I find the IF-047 ISD?*

- There is no QTC available in a QPs Test Set to run that sends the ISD data, this is because the ISD data is controlled by the QT Team, and can be published to all QPs on request. Once this has been published, each QP should receive a PUB-047 that contains the URL for the ISD Full Catalogue.

3.7.5.4 *Which Profile Classes are used in the QTF?*

- When the test cases were ported from SIT, the NHH Imports QTCs were defaulted to Profile Class 1 or Profile Class 2, the NHH Export QTCs were defaulted to profile Class 8 and for HH defaulted to 0. The QTF can support all Profile Classes, but we need to create MPAN templates with the adjusted profile class and point participants MPANs to these templates where required.