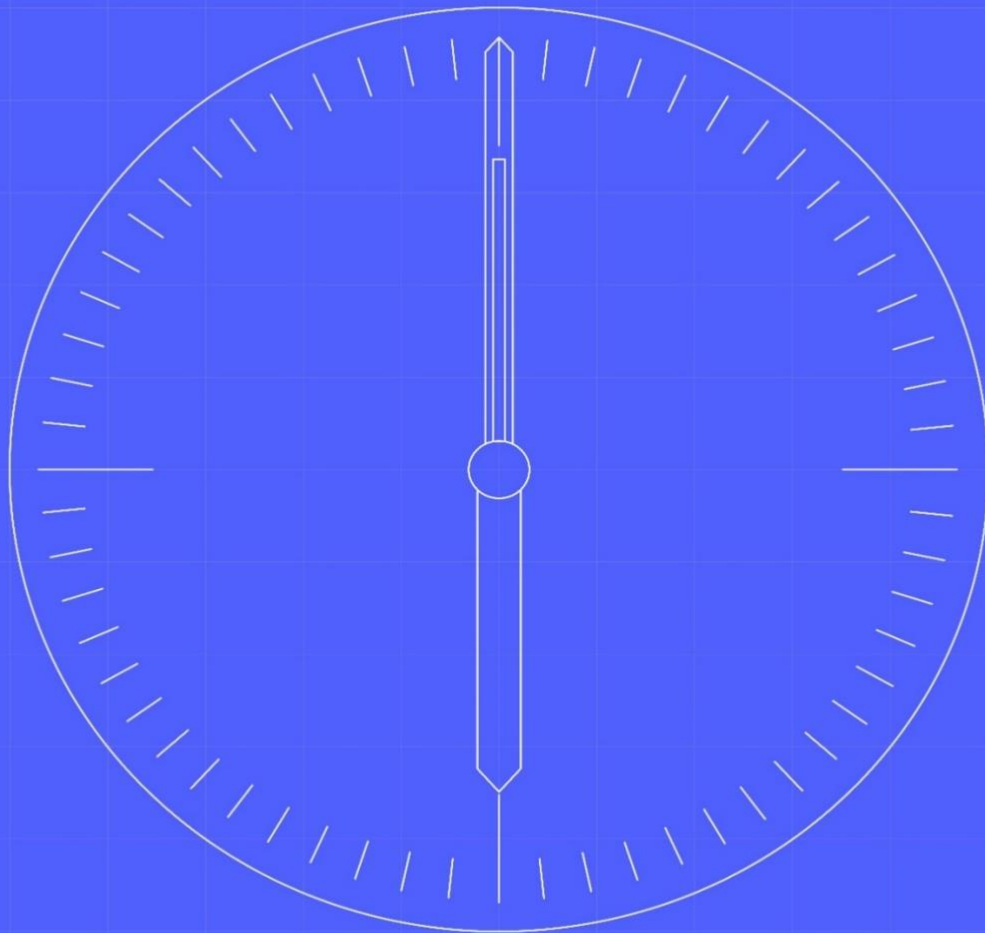


Non-SIT Supplier and Agent PIT & QT Lessons Learned FAQ



Document owner

Elexon

Status:

Latest Version

Document number

MHHS-DEL4179

Date

11 September 2025

Version

V1.1

Classification

Confidential

1 Contents

1 Contents 1

- 1.1 Change Record 2
- 1.2 Reviewers 2
- 1.3 References 2
- 1.4 Terminology 2

2 Executive Summary 3

3 Frequently Asked Questions 3

- 3.1 General Questions About Qualification Documents 3
- 3.2 PIT RTTM Questions 4
- 3.3 QT Test Catalogue Questions 5
- 3.4 QT RTTM Questions 6
- 3.5 QT Readiness Report Questions 7
- 3.6 QT Test Plan Questions 7
- 3.7 Qualification Testing Framework (QTF) Questions 8

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

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: <u>Programme Glossary (SharePoint.com)</u> 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.

- **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).
- **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*
- **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.
- **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)*
 - *Comments*

- **My Test Plan, Catalogue and QT RTTM have all been rejected due to alignment/mismatch. Why?**
 - 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.
- **My Test Catalogue was rejected due to altered content. Why?**
 - 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.
- **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.
- **My Test Catalogue has been rejected due to lack of minimum coverage?**
 - Ensure the minimum QTC set is covered for as stated in the 'No Reliance Minimum Test Set' (DEL3904) or 'Partial Reliance Minimum Test Set' (DEL3445) as applicable to your placing reliance arrangements.
 - Any deviation from the minimum must have code bodies prior approval.

3.3.1 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.

3.3.2

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 QT Test Plan Questions

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 Smoke Testing Questions (DTN and DIP)

3.7.1.1 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
}

```

3.7.1.2 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|
```

3.7.1.3 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-20250910-664CFF77CDF4D000",
      "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: 2025-09-10 07:48
Date/Time Processed To: 2025-09-10 17:48
MPAN: 96200000653403
DIP ID: [dropdown]
Confirm

Additional Parameters ▼

Interface	Transaction Id	Sender Unique Reference	Correlation Id
[dropdown]	T-IF-032-2296000004-REGS-20250910-664D0084A0F4D000		CI-20250910-664CFF77CDF4D000

3.7.1.4 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++
-

3.7.2 Qualification Test Case (QTC) Questions

3.7.2.1 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.