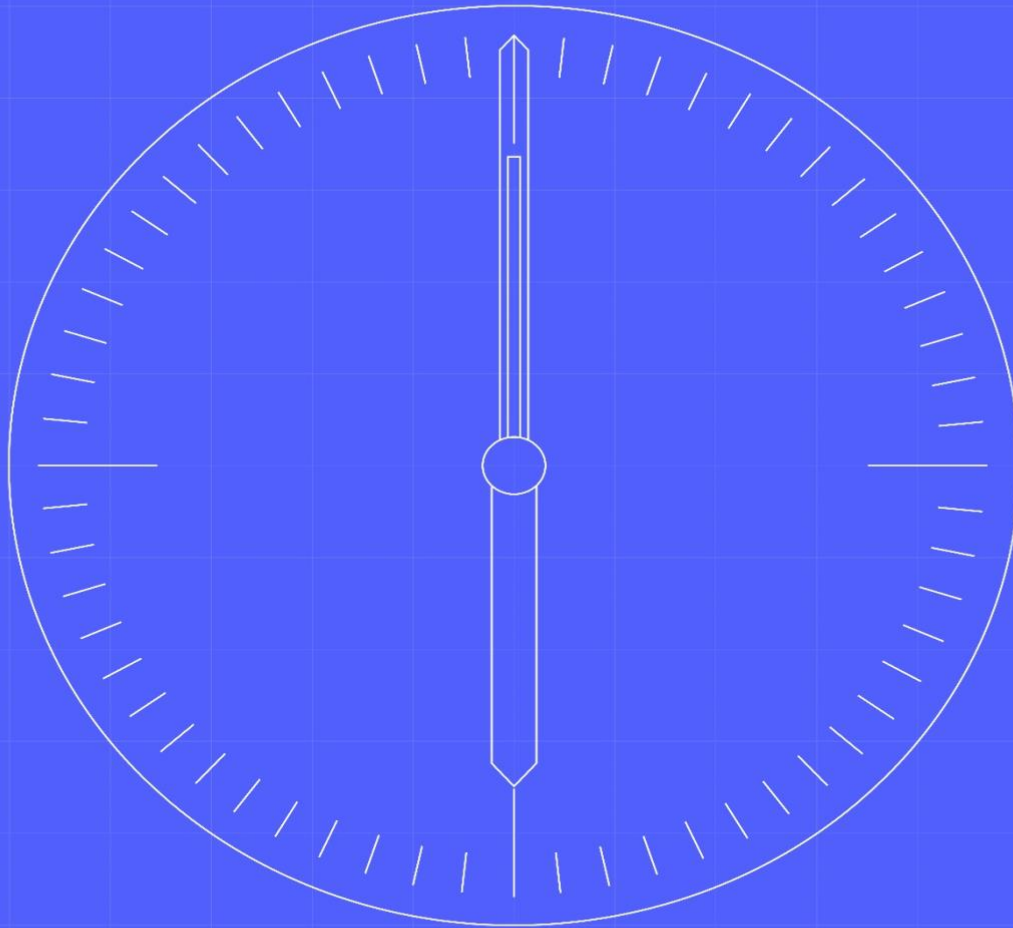


Qualification Testing Framework Release Notes



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1 Contents

1	Contents	1
1.1	Change Record	2
1.2	Reviewers	2
2	Release Note 17/09/2025	3
2.1	Qualification Testing Framework (QTF) Version	3
2.2	Qualification Test Cases (QTC) Version	3
3	Release Note 01/10/2025	4
3.1	Qualification Testing Framework (QTF) Version	4
3.2	Qualification Test Cases (QTC) Version	4
4	Release Note 08/10/2025	6
4.1	Qualification Testing Framework (QTF) Version	6
4.2	Qualification Test Cases (QTC) Version	6
5	Release Note 09/10/2025	8
5.1	Qualification Testing Framework (QTF) Version	8
5.2	Qualification Test Cases (QTC) Version	8
6	Release Note 10/10/2025	9
6.1	Qualification Testing Framework (QTF) Version	9
6.2	Qualification Test Cases (QTC) Version	9
7	Release Note 13/10/2025	10
7.1	Qualification Testing Framework (QTF) Version	10
7.2	Qualification Test Cases (QTC) Version	10
8	Release Note 14/10/2025	11
8.1	Qualification Testing Framework (QTF) Version	11
8.2	Qualification Test Cases (QTC) Version	11
9	Release Note 15/10/2025	12
9.1	Qualification Testing Framework (QTF) Version	12
9.2	Qualification Test Cases (QTC) Version	12

1.1 Change Record

Date	Author	Version	Change Detail
17/09/2025	Catherine Docherty	1.0	Release 17 th September 2025
01/10/2025	Andrew Dawson	1.1	Release 1 st October 2025
01/10/2025	Dave Webster	1.2	Correction to QTCs for release 1 st October 2025
08/10/2025	Andrew Dawson	1.3	Release 8 th October 2025
09/10/2025	Dave Webster	1.4	Non-outage QTC updated 09/10/2025
10/10/2025	Dave Webster	1.5	Non-outage QTC updated 10/10/2025
13/10/2025	Dave Webster	1.6	Non-outage QTC updated 13/10/2025
14/10/2025	Dave Webster	1.7	Non-outage QTC updated 14/10/2025
15/10/2025	Dave Webster	1.8	QTF 2.5.0 and QTC updates 15/10/2025

1.2 Reviewers

Reviewer	Role
Andrew Dawson	Qualification Test Manager
Dave Webster	Subject Matter Expert for Qualification Testing Framework

2 Release Note 17/09/2025

2.1 Qualification Testing Framework (QTF) Version

No changes, the QTF remains at version 2.3.

2.2 Qualification Test Cases (QTC) Version

1. D0275 Steps Implementation (MHHS Defect 56110)

It was highlighted that some QPs don't use/process the D0036 flow, therefore multiple QTCs were updated to include the use of the D0275 data flow as an alternative.

- QT References: QT-954-V2, QT-215-V3, QT-203-V1, QT-205-V2, QT-208-V1, QT-210-V2, QT-213-V1, QT-215-V2, QT-216-V1, QT-218-V1, QT-220-V2, QT-223-V1, QT-225-V2, QT-228-V1, QT-230-V2, QT-889-V2, QT-896-V1, QT-898-V1, QT-911-V1, QT-914-V1, QT-926-V1, QT-954-V1, QT-965-V1, QT-968-V1, QT-979-V1, QT-987-V1, QT-995-V2

2. B074 Block Removal for New Connections (MHHS Defect 56015)

Updates were made to remove the B074 block from IF-033/36 interfaces. Also, the AppointmentScenario has been corrected to COS

- QT References: QT-039, QT-040, QT-041, QT-042, QT-043, QT-183

3. Effective Date Offset Adjustments (MHHS Defect 55781)

Several scenarios were updated to reflect revised handling of effective date offsets, ensuring accurate timing for forward-dated and same-day processing. This also includes the addition of WAIT steps prior to reads being sent.

- QT References: QT-071-V1, QT-079, QT-080, QT-168-V1, QT-171-V1, QT-242-V1, QT-259, QT-272, QT-275, QT-276, QT-277, QT-278

4. Reading Removal/Installation Updates

The IF/PUB-041 ReadingRemv/ReadingInstl steps were added in line with SIT

- QT References: QT-104-V1, QT-105-V1, QT-107-V1

5. New Version Control for Supplier Process (MHHS Defect 56011)

Although no QTC step changes were introduced, new versions were required to correct test role in QTF.

- QT References: QT-966-V1, QT-967-V1
-

3 Release Note 01/10/2025

3.1 Qualification Testing Framework (QTF) Version

The QTF has been uplifted to version 2.4.0.

6. Application log has ValueError: invalid literal for int() with base 10: 'V1' error (CGI Defect 293991)

Whilst writing to the logs there was a conversion error which triggered the log entry. This has now been resolved.

This defect/fix was only visible to the developers, not participants.

7. ADO and QTF have discrepancies in terms of number of Testcases (CGI Defect 294463)

Test case results and evidence were not being synchronized from the QTF to ADO for archive purposes after a QTC had been versioned e.g.QT-182-V1. This has now been resolved.

8. (ADS)QT-075/QT-276: Duplicate main meter details received in D0268 (03A and 04A segments repeated) (MHHS Defect 56335)

D0268 Send template updated to remove duplicate 03A/04A records under Check Meter blocks x 2.

9. QTF failure when trying to download an evidence file that isn't supported (CGI Defect 293365)

As an internal user, if an unsupported file type was uploaded as evidence by a QP, when downloading or viewing the evidence file, the QTF presented a blank screen, stopping you from checking the evidence. Changes have been implemented to limit the upload file size to <=5MB. File type support, alongside the existing supported types, now permits .xls, .xlsx, .doc, .docx, .zip files to be uploaded as evidence.

This defect/fix was only visible to the Assurance Analyst internal users.

10. Pass Rate incorrectly calculated (on the internal user dashboard) (CGI Defect 294168)

As an internal user, the Market Roles dashboard was not calculating the pass rate correctly. The error in the calculation has been corrected.

This defect/fix was only visible to the Assurance Analyst internal users.

3.2 Qualification Test Cases (QTC) Version

11. PUB-033 received for already active appointment (MHHS Defect 56545)

The onboarding tests that were being run for the Lapsed Appointment QTCs listed below were incorrectly appointing the QP instead of the QTF. This was resolved by updating onboarding QTCs to QT-901 for Advanced, QT-902 for Smart, QT-903 for Unmetered.

- QT References: QT-037, QT-038, QT-182

The fix does not impact the QTC steps or the activities expected of a Qualifying Party.

12. Supplier Test QT-102 has QP steps referred to as QTF steps (MHHS Defect 56542)

A number of Forward Migration QTCs and QTCs for Linked MPANs with different suppliers were incorrectly assigning QTC steps to the QTF instead of to the Qualifying Supplier.

- QT References: QT-102-V1, QT-151-V1, QT-191-V1, QT-200-V1, QT-217-V1, QT-218-V2, QT-219-V2, QT-220-V2, QT-221-V1, QT-223-V2, QT-224-V2, QT-225-V3, QT-226-V1, QT-229-V2, QT-232-V1, QT-233-V1, QT-235-V1, QT-236-V1, QT-238-V1, QT-240-V1, QT-896-V2, QT-897-V1

The fix does not impact the QTC steps or the activities expected of a Qualifying Party.

13. [QT-100/101 has D0149/150/268/10 for MPAN 1 to be removed \(CGI Defect 295414\)](#)

We noticed that during QT-100 & QT-101, there were D0149/150/268/10 steps that were removing meters for both MPANs, when only the meters for MPAN 2 should have been removed. These steps have now been removed.

- QT References: QT-100-V1, QT-101-V1

The fix results in changes to the QTC steps which will be reflected in forthcoming versions of MHHS-DEL3815 Non-SIT S&A QT Test Steps.

14. [Correction of Outgoing QP steps incorrectly referred as QTF steps \(MHHS Defect 56224\)](#)

The Reverse Migration QTCs for Supplier that involve both SUPI and SUPO were not allocating the QP Steps for the SUPO correctly, this has now been corrected.

- QT References: QT-232-V1, QT-233-V1, QT-235-V1, QT-236-V1, QT-238-V1, QT-240-V1

The fix does not impact the QTC steps or the activities expected of a Qualifying Party.

15. [Move the D0010 steps to happen after the IF-008 Steps \(MHHS Defect 56257\)](#)

The D0010 messages were being sent before the IF-008 messages, but BSCP states the IF-008 is sent before the D0010. These steps have now been corrected so the IF-008 messages are sent before the D0010s.

- QT References: QT-069-V1, QT-103-V1, QT-186-V1, QT-191-V1, QT-258-V1

The fix results in changes to the QTC steps which will be reflected in forthcoming versions of MHHS-DEL3815 Non-SIT S&A QT Test Steps.

4 Release Note 08/10/2025

There are no changes to the existing data in the existing MPANs provided in previous MPAN files. If a new version of a QTC created as part of this release has been added to your test set, new MPANs will be provided for this new QTC version.

At present, every Legacy and Gain MPAN file will include both the new MPANs and the MPANs associated with any old version QTC which will no longer be in your test set. However, the QTF <MPID> MPANs YYYYMMDD.xlsx file will include only the MPANs for the latest versions.

4.1 Qualification Testing Framework (QTF) Version

No changes, the QTF remains at version 2.4.0.

4.2 Qualification Test Cases (QTC) Version

1. **PUB-041 [ReadingOnSite] not received by LDSO (MHHS Defect 56766)**

If the IF-041 is sent as soon as it is received by the QP and not as per the timing of the steps of the QTC, it was causing the QTC to fail.

The steps have been re-ordered so that the LDSO receive step is before the SDS receive step, which should now be run by the QTF before the second IF-041 is received.

- QT References: QT-030-V2, QT-048-V1

The fix results in changes to the QTC steps which will be reflected in forthcoming versions of MHHS-DEL3815 Non-SIT S&A QT Test Steps.

2. **PUB-033 received for already active appointment (MHHS Defect 56545)**

Onboarding test was incorrectly appointing the QP as the DS instead of the QTF stub. The onboarding QTC now appoints the QTF stub, and the QTC will appoint the QP as the DS.

- QT References: QT-037-V1, QT-038-V1, QT-182-V1

The fix does not impact the QTC steps or the activities expected of a Qualifying Party.

3. **QTC-105 - D0010 and D0268 Not in Test (for installed ADV meter) But Should Be (MHHS Defect 56676)**

QTC steps have been added for the sending of D0010 and D0268 from MSAI for the installed advanced meter.

- QT References: QT-105-V2

The fix results in changes to the QTC steps which will be reflected in forthcoming versions of MHHS-DEL3815 Non-SIT S&A QT Test Steps.

4. **Domestic Premise Indicator is False leading to invalid combination (MHHS Defect 56546)**

The combination of consent granularity, domestic premise indicator, Market Segment and Meter Group was invalid according to the UIT ISD. Domestic Premise Indicator updated in MPAN Templates to match the ISD.

- QT References: QT-071-V2, QT-168-V2

The fix does not impact the QTC steps or the activities expected of a Qualifying Party.

5. Supplier Test has QP steps referred to as QTF steps (MHHS Defect 56224)

Some steps within the affected QTCs were incorrectly referring to QP steps as QTF steps, these steps have now been corrected.

- QT References: QT-217-V2, QT-218-V3, QT-220-V4, QT-223-V3, QT-225-V4

The fix does not impact the QTC steps or the activities expected of a Qualifying Party.

6. QT-268 - MSS Test Invalid - Requires Different MSS for Import and Export (MHHS Defect 56664)

The MSS role for the affected QTCs was invalid, as it requires having MSSI for the Import MPAN, and MSSO for the Export MPAN, these were not separated out.

- QT References: QT-268-V1, QT-881-V1, QT-886-V1

The fix does not impact the QTC steps or the activities expected of a Qualifying Party.

7. ESME GUID received in PUB-036 and PUB-006 is matching for new meter (MHHS Defect 56530/56732)

During market segment/meter exchange QTCs the new meter being installed incorrectly referred to some removed meter data, for instance ESME GUID was populated for an installed advanced meter. IF/PUB-005/6 and IF-PUB/036 Message templates and QTCs corrected.

- QT References: QT-104-V1, QT-105-V2, QT-107-V1, QT-116, QT-119, QT-120

The fix does not impact the QTC steps or the activities expected of a Qualifying Party.

5 Release Note 09/10/2025

No impact to existing test-sets or MPAN files.

5.1 Qualification Testing Framework (QTF) Version

No changes, the QTF remains at version 2.4.0.

5.2 Qualification Test Cases (QTC) Version

8. **QT-268 - MSS Test Invalid - Requires Different MSS for Import and Export (MHHS Defect 56664)**

The MSS role for the affected QTCs was invalid, as it requires having MSSI for the Import MPAN, and MSSO for the Export MPAN, these were not separated out.

- QT References: QT-268-V1, QT-881-V1, QT-886-V1

The fix does not impact the QTC steps or the activities expected of a Qualifying Party.

9. **Meter reads in D0010s don't correspond to the consumption files (MHHS Defect 56944)**

QTC expected meter reads of different value to that described in the QTC Consumption File.

- QT References: QT-070

The fix does not impact the QTC steps or the activities expected of a Qualifying Party.

10. **S2ADE meter mismatched number of register digits in IF-005 MeterExchange (MHHS Defect 56882)**

S2ADE meter installed but had wrong number of register digits. Corrected to S2C meter.

- QT References: QT-116

The fix does not impact the QTC steps or the activities expected of a Qualifying Party.

11. **Reading Method mismatch causes QTC to fail (MHHS Defect 57008)**

QTC expected meter reads of different value to that described in the QTC Consumption File.

- QT References: QT-030-V2

The fix does not impact the QTC steps or the activities expected of a Qualifying Party.

12. **Validation of Customer Direct Contract EffectiveTo Date (MHHS Defect 56798)**

QTC expected specific value of Customer Direct Contract Effective To Date..

- QT References: QT-052

The fix does not impact the QTC steps or the activities expected of a Qualifying Party.

13. **Missing WAIT step template in UMSDS onboarding QTCs (Defect 296393)**

Wait step templates added to following QTCs.

- QT References: QT-906, QT-915, QT-920

The fix does not impact the QTC steps or the activities expected of a Qualifying Party.

6 Release Note 10/10/2025

No impact to existing test-sets or MPAN files.

6.1 Qualification Testing Framework (QTF) Version

No changes, the QTF remains at version 2.4.0.

6.2 Qualification Test Cases (QTC) Version

14. If B091 provided in IF-019, QTF expects additional information = "" (MHHS Defect 57053)

If a B091 block is provided in any IF-019 message, the QTF expects the additional information field to be set to "". Now it will accept anything.

- QT References: QT-099, QT-100-V1, QT-101-V1, QT-102, QT-103-V1, QT-138, QT-139, QT-140, QT-149, QT-150, QT-151, QT-152, QT-191-V1, QT-196, QT-197, QT-198, QT-199, QT-200, QT-268-V1

The fix does not impact the QTC steps or the activities expected of a Qualifying Party.

15. New Meter ID in PUB-006 is for MEX is same as old meter id (MHHS Defect 56764)

IF/PUB-005/6 included the old meter id in both the new and old meter id fields.

- QT References: QT-107-V1

The fix does not impact the QTC steps or the activities expected of a Qualifying Party.

7 Release Note 13/10/2025

No impact to existing test-sets or MPAN files.

7.1 Qualification Testing Framework (QTF) Version

No changes, the QTF remains at version 2.4.0.

7.2 Qualification Test Cases (QTC) Version

16. (ADS)QT-078:Incorrect consent granularity 'H' used for Method 2 estimation (MHHS Defect 57054)

Method 2 is only valid when the consent granularity is 'D' (Daily) but the MPAN was set to H. MPAN now set to D.

- QT References: QT-078

The fix does not impact the QTC steps or the activities expected of a Qualifying Party.

8 Release Note 14/10/2025

No impact to existing test-sets or MPAN files.

8.1 Qualification Testing Framework (QTF) Version

No changes, the QTF remains at version 2.4.0.

8.2 Qualification Test Cases (QTC) Version

1. **QT-057 - PUB-032 contains value for contractReferenceMeteringService, expected as Null since no value was given in IF-031 (MHHS Defect 57049)**

The QTC step descriptions have been amended to state that the Contract Reference should not be blank.

- QT References: QT-057, QT-185

9 Release Note 15/10/2025

There are no changes to the existing data in the existing MPANs provided in previous MPAN files. If a new version of a QTC created as part of this release has been added to your test set, new MPANs will be provided for this new QTC version.

At present, every Legacy and Gain MPAN file will include both the new MPANs and the MPANs associated with any old version QTC which will no longer be in your test set. However, the QTF <MPID> MPANs YYYYMMDD.xlsx file will include only the MPANs for the latest versions.

9.1 Qualification Testing Framework (QTF) Version

The QTF has been uplifted to version 2.5.0.

1. DTN Failures 29/09 Morning - OS Failure (CGI Defect 295535)

DTN failure due to Send Handler issues, mostly due to Network glitches which has been fixed by introducing the retry of those failed network calls.

2. Supplier Prerequisite QT-902 Incoming failed at QTF step saying Readtimeout error (CGI Defect 295194, MHHS Defect 56256)

Supplier Prerequisite QT-902 Incoming failed at QTF step saying Readtimeout error. The ReadtimeoutError has not been captured by the exception handling. This has been fixed by handling properly.

3. Supplier Test QT-202 failed at QTF Step 1040 - DTN Handler 499 Status Code (CGI Defect 295536, MHHS Defect 56553, 57051)

Supplier Test QT-202 failed at QTF Step 1040 - DTN Handler 499 Status Code. DTN Ack completely empty.

4. Changes to Evidence Upload/Download (CGI User Story 295268)

Made changes to upload evidence functionality(screen):

1. Added acceptable File Types: xls, xlsx, doc, docx, zip (+ 14 existing ones). Provided a link in tool tip to the help text where these file types are listed.
2. Message to display the Max file size that can be uploaded: 5MB

9.2 Qualification Test Cases (QTC) Version

5. Incorrect event code received in IF-016 – ConsumptionRequestRejected instead of ActivePower (CGI Defect 296064, MHHS Defect 56733)

For DS that send the IF-015 immediately on receipt of the PUB-036, the IF-021 sent to the DIP was not provided in time for the DIP to send IF-016 ActivePower. IF/PUB-021 steps now prior to the IF/PUB-036 steps.

- QT References: QT-031-V1, QT-049-V1, QT-177-V1

6. QTF expects specific Date in PUB-005/007/024 (MHHS Defect 57050)

When the QTF receives PUB-005/7 messages from the MS or PUB-024 messages from the Supplier it is expecting specific datetime values in the expected results and failing because these mismatch. The expected results now allow any timestamp value.

- QT References: QT-039, QT-040, QT-041, QT-042, QT-068, QT-069-V1, QT-070, QT-090, QT-091, QT-096, QT-097, QT-098, QT-099, QT-100-V1, QT-101-V1, QT-102-V1, QT-103-V1, QT-104-V1, QT-105-V1, QT-105-

V2, QT-107-V1, QT-116, QT-117, QT-118, QT-119, QT-120, QT-122, QT-123, QT-124, QT-168-V2, QT-169-V1, QT-170-V1, QT-183, QT-186-V1, QT-187, QT-188, QT-189, QT-191-V1, QT-251, QT-258-V1

7. QTF expects SDSI to primary route IF-041 to SDSO (MHHS Defect 57055)

Aligning the test to the SIT test where there is no expectation that the SDSI should primary route an IF-041 to the SDSO.

- QT References: QT-048-V2