

Market Code Schedule 24

Code Subsidiary Document No.0106

Non-Market Meters

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## Change History

| Version Number | Date of Issue | Reason For Change                      | Change Control Reference | Sections Affected          |
|----------------|---------------|----------------------------------------|--------------------------|----------------------------|
| 1.1            | 27/09/2010    | Initial Release                        |                          |                            |
| 1.2            | 25/03/2011    | Dataloggers                            | MCCP070                  | Section 2.1.2              |
|                |               | GIS Coordinates Flow                   | MCCP071                  | Section 2.1.2              |
|                |               | March Release Document Update          | MCCP075                  | Section 3.1.2              |
| 2.0            | 12/04/13      | Accredited Entities                    | MCCP 111                 | Sections 2 & 3             |
| 3.0            | 2014-03-21    | Meter Network Transactions             | MCCP128                  |                            |
| 4.0            | 2019-10-24    | Schedule number correction             | MCCP242                  | Title page                 |
|                |               | Renaming Transactions.                 |                          | Various                    |
| 5.0            | 2025-09-18    | Notification of Non-Market Meter swaps | MCCP309                  | Section 3.1.2, 3.2 and 3.3 |

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# 1. Purpose and scope

This CSD applies when a Non-Market Meter is added to the system to ensure the accurate calculation of wholesale charges for a Supply Point with a Meter Network) by ensuring that the volumes attributed to market meters in the Meter Network are accurate.

In general, a market meter is a meter that is associated with a SPID. A Non-Market Meter is not associated with a SPID and is often but not always, a domestic meter. There are instances where these Non-Market meters are removed from a Meter Network but remain in the Central Systems.

Section 2 provides direction to the relevant process for the installation of Non-Market Meters in respect of each scenario.

Section 3 provides direction to the relevant process for the maintenance of Non-Market Meters in respect of each scenario.

## 2. Installing a Non-Market Meter

This section applies when a meter is added to a Meter Network.

### 2.1.1 Process Description

This description should be read in conjunction with the Process Diagram in Section 2.2 and the Interface and Timetable Requirements in Section 2.3.

### 2.1.2 Description of the Process Diagram steps

#### **Step a: Meter Installation**

Where applicable, Scottish Water will install the Non-Market Meter.

#### **Step b: Provide Meter details & Initial Read [T004.0, T005.0]**

Within 5 Business Days, for activities undertaken by Scottish Water and 8 Business Days for activities undertaken by an Accredited Entity, of the installation, Scottish Water will provide the CMA with the new meter details, using Data Transaction T004.0 (Request New Meter).

Included in the T004.0 (Request New Meter) Data Transaction, alongside the standard Meter Data items, are the meter location details in the form of OSGB X, Y co-ordinates which should be notified in an all numeric format. Also included is a datalogger flag to indicate the presence of dataloggers at a meter. A datalogger is either a Scottish Water Datalogger or a Non-Scottish Water Datalogger. Both datalogger types can be present at a meter at the same time.

Scottish Water will also provide the CMA with an Initial Read for that meter using Data Transaction T005.0 (Submit Meter Read (SW)) within 2 BD of the installation of the meter, in accordance with CSD 0202 (Meter Read Submission: Process). Scottish Water should note that the T005.0 must be sent after the T004.0 (Request New Meter), otherwise the new meter will not be recognised in the Central Systems and will result in a Data Transaction T009.1 (Notify Error/Acceptance (SW)) being issued to Scottish Water.

#### **Step c: CMA loads meter details and notifies Scottish Water [T009.0]**

Within 1 Business day the CMA will load the meter details to the Central Systems and notify Scottish Water using Data Transaction T009.0 (Notify Error/Acceptance (LP)).

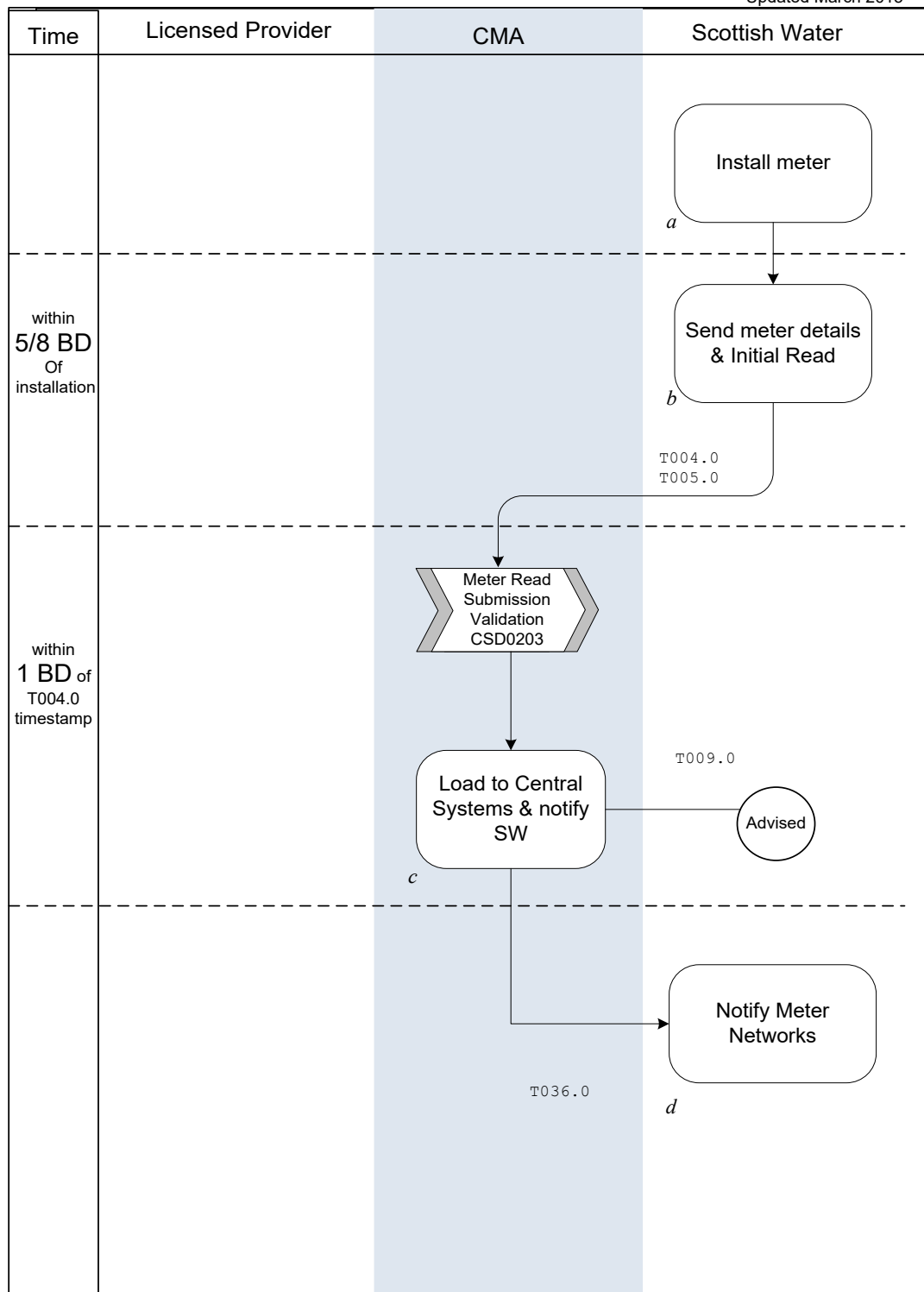
**Step d: Update Meter Networks [T036.0, T036.1]**

Scottish Water will notify the CMA of any changes to any Meter Networks arising from the Non-Market Meter using transaction T036.0 (Create/Update Meter Networks) and the CMA will update the CMA Central Systems and notify relevant Trading Parties, in accordance with CSD 0104.

## 2.2 Process Diagram

### Addition of Non-Market Meter to a Meter Network

Updated March 2013



## 2.3 Interface and Timetable Requirements

| step ID | Action/ Decision | Process Step                        | From | To       | Time parameter                      | Comments                                                                           | (indicative) Txn ID |
|---------|------------------|-------------------------------------|------|----------|-------------------------------------|------------------------------------------------------------------------------------|---------------------|
| a       | S                | Install meter                       | SW   | internal |                                     |                                                                                    |                     |
| b       | S                | Send meter data & Initial Read      | SW   | CMA      | within 5/8 BD of meter installation | Ensure that Meter Read Type is Initial.<br><br>X,Y Co-ordinates should be provided | T004.0<br>T005.0    |
| c       | S                | Load data and notify Scottish Water | CMA  | SW       | Within 1 BD of T004.0 timestamp     |                                                                                    | T009.0              |
| d       | S                | Notify Meter Network                | SW   | CMA      |                                     | As described in CSD 0104                                                           | T036.0,<br>T036.1   |

## 3. Meter Change

### 3.1.1 Process Description

This description should be read in conjunction with the Process Diagram in Section 4.2 and the Interface and Timetable Requirements in Section 4.3.

The process described here covers a “like for like” meter replacement i.e. there is no change to the meter configuration that would result in alteration to the Wholesale Charges.

Following a meter replacement, the meter data for the new meter shall be notified to CMA by Scottish Water within 5 Business Days, for activities undertaken by Scottish Water and 8 Business Days for activities undertaken by an Accredited Entity, of the meter replacement. In addition, the meter data for the replacement meter and End and Opening Reads for the meters shall be notified to CMA by Scottish Water.

### 3.1.2 Description of the Process Diagram Steps

This description should be read in conjunction with the Process Diagram in Section 3.2 and the Interface and Timetable Requirements in Section 3.3. The 'step' and 'decision' references appear to the bottom left of each step or decision symbol in the Process Diagram.

#### **Step a: Replacement meter installed**

Scottish Water will replace the meter in accordance with the timescales set out in this CSD.

#### **Step b: Update data to CMA: [T004.0, T017.0]**

Within 5 Business Days, for activities undertaken by Scottish Water and 8 Business Days for activities undertaken by an Accredited Entity, of the meter replacement, Scottish Water will provide the CMA with the new meter details, using Data Transaction T004.0 (Request New Meter).

Should the meter replacement involve a change of meter location, this information, in the form of X,Y co-ordinates, should also be provided by Scottish Water in such format and with such frequency as specified by the CMA.

Scottish Water will then issue the CMA with Data Transaction T017.0 (Submit Meter Swap), which includes details of the End and Opening Meter Reads. A SPID should not be included in the T017.0 transaction when swapping a Non-Market Meter as a Non-Market Meter is not associated with a SPID.

Scottish Water should note that the T017.0 (Submit Meter Swap) must be sent after the T004.0 (Request New Meter), otherwise the new meter will not be recognised in the Central Systems and will result in a Data Transaction T009.1 (Notify Error/Acceptance (SW)) being issued to Scottish Water.

For the avoidance of doubt Scottish Water cannot use a T005.0 (Submit Meter Read (SW)) Final read to close one meter and use the “Add New Meter” process so swap a meter at a Supply Point.

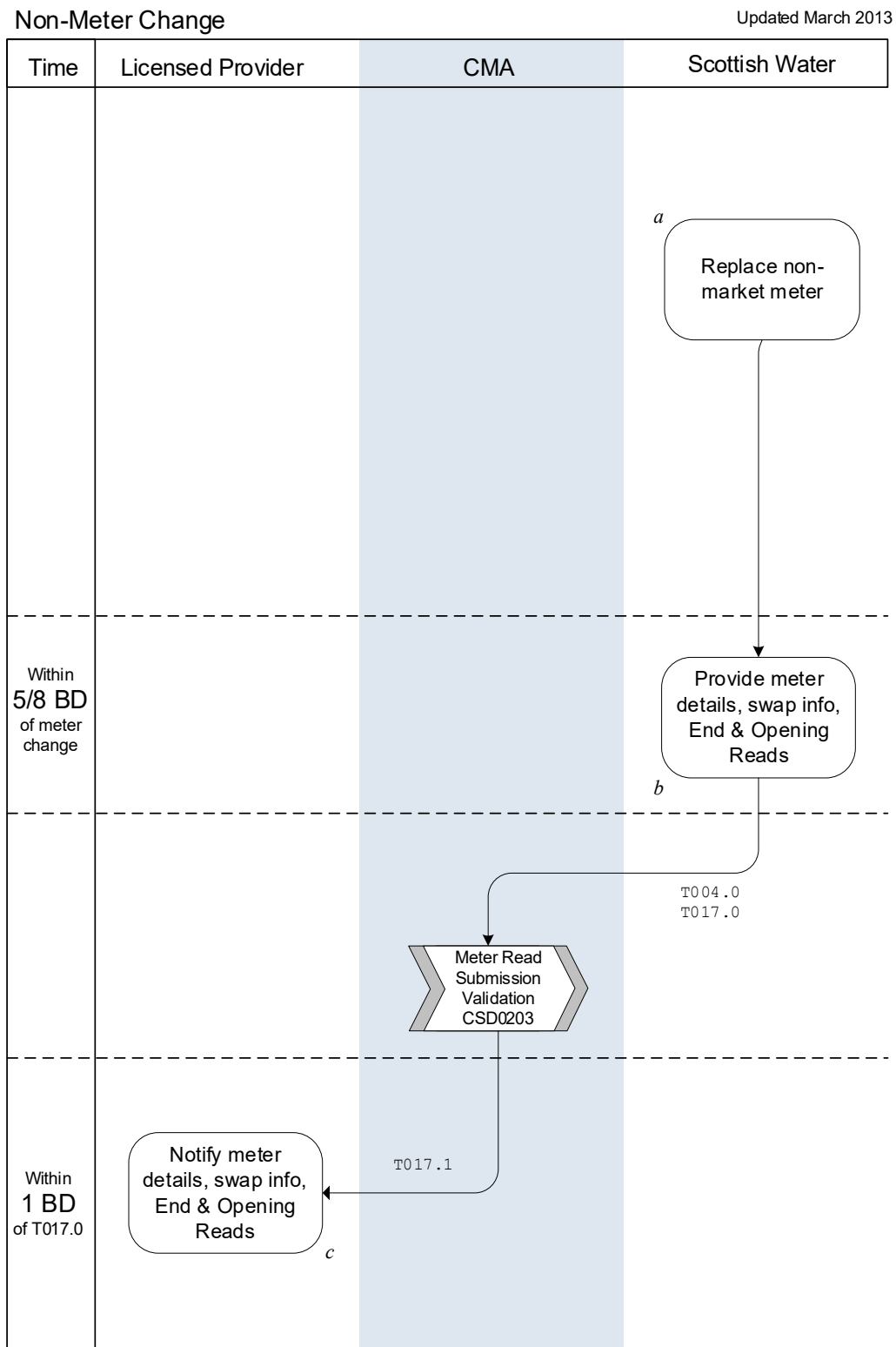
### **Step c: CMA notifies Licensed Providers: [T017.1]**

Although the non-Market Meter is not associated with a SPID, the non-Market Meter will most probably be part of a Meter Network that impacts the settlement of SPIDs registered to Licensed Providers.

Within one Business Day, the CMA shall identify the Main Meter for the Meter Network including the non-Market Meter that has been exchanged and shall identify the SPIDs associated with those that Main Meter and shall notify the relevant Licensed Provider(s) of the exchange of the non-Market Meter through the T017.1 transaction.

Note that in a multi-level Meter Network the “Main Meter” of the Non-Market Meter is not necessarily the Meter at the top of the network. It may itself be a Sub-Meter of another Meter.

## 3.2 Process Diagram



### 3.3 Interface and Timetable Requirements

| Step ID | Action/ Decision | Process Step                                          | From | To       | Time parameter                  | comments                                                                                                                                                                                                                                                                                                                                                                                           | Market Code Ref | Clause | (indicative) Data Transaction ID |
|---------|------------------|-------------------------------------------------------|------|----------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------|----------------------------------|
| a       | S                | Replacement Meter installed                           | SW   | internal |                                 |                                                                                                                                                                                                                                                                                                                                                                                                    |                 |        |                                  |
| b       | S                | Provide meter details, swap info, End & Opening Reads | SW   | CMA      | within 5/8 BD of meter change   | <p>All transactions must be present and must be sent in this order:</p> <p>T004.0 Meter details for new meter</p> <p>T017.0 Swap notification (old, new)</p> <p>X,Y Co-ordinates should also be provided if meter location changes.</p> <p>CMA will establish if there is a Meter that is the main Meter for the exchanged Non-Market Meter and which SPIDs the Main Meter is associated with.</p> |                 |        | <p>T004.0</p> <p>T017.0</p>      |
| c       | S                | Notify Licensed Providers                             | CMA  | LPs      | within 1 BD of receiving T017.0 | <p>CMA will notify the LPs registered to those SPIDs.</p>                                                                                                                                                                                                                                                                                                                                          |                 |        | T017.1                           |