

MARKET CODE / OPERATIONAL CODE CHANGE PROPOSAL

Form
version 2.1

Change Proposal reference
(To be completed by the TP Sec.)

MCCP128

Version No.

D.1

PART A — SUBMISSION

A.1. GENERAL DETAILS

A.1.a. TITLE Management of Meter Networks (Complex Sites) and the mechanism for updating the Central Systems with changes to network relationships

A.1.b. COMPANY Scottish Water

Change Proposals must be authorised by the person designated by the signatory to the Market Code Framework / Accession Agreement

A.1.c. AUTHORISED SIGNATURE Jessie McLeman NAME Jessie McLeman

A.1.d. CONTACT NAME Stephen McIntosh CONTACT EMAIL; TEL./MOB. Stephen.mcintosh@scottishwater.co.uk 0131 445 6446

A.1.e. ASSOCIATED MCCP / OCCP

A.1.f. ASSOCIATED DOCS.

A.1.g. PROPOSED URGENCY

A.1.h. REASONS FOR URGENCY

The CMA CEO will review this information and make a decision as to whether to take this MCCP / OCCP forward as urgent as defined under Market Code Part 8.9.1

A.2. MCCP / OCCP DETAILS

A.2.a. ISSUE OR DEFECT WHICH THIS MCCP / OCCP SEEKS TO ADDRESS
Required under Market Code Parts 8.7.1 (ii) (b) and 8.8.1 (ii) (b)

There are groups of premises in the market served by what are known as 'meter networks', or as defined formally in the Market Code, Complex Sites. A Complex Site is an arrangement whereby two or more Supply Points are interdependent, in that, to derive Volume supplied in relation to one of more of the Supply Points, the CMA will require a Meter Read from both a Main Meter and Sub Meter(s) (which meters may not necessarily relate to the Supply Points in question).

These meter networks have been in situ under these supply arrangements for a range of historical reasons, and, while it is not Scottish Water's policy to install new physical networks, the existing supply arrangements will continue to exist.

There is no transaction mechanism in place to permit the updating of network relationships on the Central Systems as meters at such Complex Sites are replaced or exchanged. The current arrangement is that a flat file is extracted from Scottish Water's systems and passed to the CMA for updating the Central Systems. This is a periodic task, is quite manual and labour intensive, and is open to the risk that the network details held at the CMA are not updated on a regular basis and therefore prone to error. Additionally the presentation of information to market participants could be more transparent.

There are no onward transaction flows from the CMA to Licensed Providers to advise them of relationship changes and there is no mechanism, apart from the monthly report provided by the CMA, to see the current state of networks.

The purpose of this change proposal is to allow the relationships between meters to be maintained by means of system transaction flows, reducing the manual effort involved in the current arrangement, improving market data quality, and providing information to all affected Licensed Providers in a timely way.

A.2.b. DESCRIPTION OF THE NATURE AND PURPOSE OF THE MCCP / OCCP AND HOW IT MEETS THE MARKET CODE / OPERATIONAL CODE OBJECTIVES AND PRINCIPLES FOR THE MARKET DOCUMENTS
Required under Market Code Parts 8.7.1 (ii) (c) and 8.8.1 (ii) (c)

General Description

The proposal is that two new transactions are created, to allow Scottish Water to advise changes in meter network relationships to the CMA. Additionally, Licensed Providers should be advised of changes as relevant; and the LVI and the Market Data Set report should be amended to show relationships. The detailed changes proposed are as set out below.

Transactions from Scottish Water

These would enable SW to keep the network relationships updated without the need to extract details and have the CMA apply these via scripted updates. The functionality is to allow Scottish Water to;

- update the relationships when a meter is added to a SPID.
- update the relationships when a meter is removed from a SPID.

This will allow the CMA to record the addition or removal of meters from relationships by tracking the opening and closing reads and read dates from the T005 or T017 transactions or subsequent Retrospective Amendment (ERRA) submissions.

The newly proposed functionality is to be structured within one transaction with the following attributes;

- Functionality to ADD the relationship
- MAIN_SPID | MAIN_METER_METERID | SUB_SPID | SUB_METER_METERID | EFFECTIVE_FROM_DATE
- Functionality to REMOVE the relationship
- MAIN_SPID | MAIN_METER_METERID | SUB_SPID | SUB_METER_METERID | EFFECTIVE_FROM_DATE

The proposal is that there will be no automatic validation between the Effective Date on the new transaction and the Initial/Opening or Final/End reads. Scottish Water will need to check the details before sending the new transaction to the CMA. The Central Systems should set the Effective_FROM or Effective_TO dates of the network relationship using the details supplied in the new transactions.

Scottish Water should be permitted to submit the MAIN_SPID or SUB_SPID as a null value for cases where the meter is serving a metered non-market property. Note; if a non-household property is served by a meter that is the sub-meter of a non-market metered site, where the main meter is not attached to a SPID then the Main_SPID would be null. The sub meter would need to be read to permit the consumption through the non-Market meter to be calculated.

The Central Systems should validate the presence of a network relationship upon receipt of a T005 Final read. . If the meter being removed is part of a network the Central Systems will reject the request with a suitable error code. Scottish Water would then perform the network update to remove the meter and resubmit the meter removal transaction which should then pass, assuming all other details are correct.

Notifications to Licensed Providers

Where the Licensed Provider for a main meter and for a sub-meter in a meter network relationship are different, when the sub meter is read and the read submitted to the CMA the Licensed Provider responsible for the main meter in the relationship will receive a subsequent meter read notification for the sub meter from the CMA.

Where a SPID(s) is subject to the switching process, the incoming Licensed Provider will receive an initial notification of any meters and the associated meter relationships related to the affected SPIDs; in particular the Licensed Provider should received any sub-meter relationships where the incoming Licensed Provider is not the responsible Licensed Provider but becomes responsible for the main meter as pat of the switching process.

View on LVI

The proposal is that the user should see the current and historic relationships for related meters and sub-meters, ie only one relationship level. A flag to show CURRENT/HISTORIC should be held against each METERID in the Central Systems and shown on the representation of the network relationships presented on the LVI view. The user should also be presented with the Initial/Opening read date and value and the Final/End read value as appropriate for each meter. This will allow the historic relationships to be viewed.

Both the Licensed Provider and Scottish Water should have access to the same meter network view.

Reports

The specification for the Market Dataset report should be amended to include meter relationships, and show one relationship level. It is also suggested that the report should include an indicator of whether the relevant meters are operational or not.

The Technical Panel is invited to ask the CMA to undertake an assessment of the proposal, in discussion with market participants as appropriate, following which the detailed Market Code changes can be drafted for further consideration by the Technical Panel.

Principles and Objectives affected

PRINCIPLE	AFFECTED (Y/N)	DESCRIPTION
Proportionality	Y	Ensure that SW can maintain network relationships. Ensure that SW and LPs can view the relationships and have a consistent view of the relationships.
Transparency	Y	As above
Simplicity, Cost-effectiveness, and Security	Y	Straightforward and transparent change
Non-exclusivity	N	
Barriers to Entry	N	
Customer Contact	N	
Non-discrimination	N	
Non-detrimental to SW Core Functions	N	
MC / OC OBJECTIVES		

A.2.c. IMPACT

Required under Market Code Parts 8.7.1 (ii) (d), (f) and (g), and 8.8.1 (ii) (d) and (f)

CONFIGURED ITEM	IMPACTED (Y/N)	DESCRIPTION
MC / OC	Y	Changes required to the Market Code Subsidiary Documents
CSDs	Y	CSD0301 and possibly other CSDs
Wholesale Services Agreements	N	

Licenses	N	
CMA Central Systems	Y	Subject to confirmation by CMA
CMA business processes	Y	Validation rules
Trading Party systems	N	Subject to confirmation
Trading party business processes	N	Subject to confirmation

A.2.d. DRAFT LEGAL TEXT
Required under Market Code Parts 8.7.1 (ii) (d) and 8.8.1 (ii) (d)

The legal drafting to reflect the above requirements is incorporated in the attached changes to the Market Code and CSDs, written in tracked change mode. The attachments are as follows;

- Market Code, Changes are proposed to the definitions section. The proposal is to change the current definition of Complex Site as it is confusing, incorporating most of the current definition into a new definition and using the term Meter Network. There are also other changes to allow for sub meters and sub SPIDs.
- CSD0104 Maintain SPID Data:
- CSD0003 Provider of Last Resort:
- CSD0102 Registration Transfers:
- CSD0106 Non-market Meters:
- CSD0202 Meter Read Submission
- CSD0301 Data Transaction Catalogue
- CSD0302 Standing Reports and Data Extracts

The Indicative User Requirement is also attached to this Change Proposal.

A.3. IMPLEMENTATION DETAILS

A.3.a. PROPOSED IMPLEMENTATION DATE OR LEAD TIME
Timescale must not overlap with the period of consultation with the Commission and should take account of the impacts identified in Section A.2.c. Any quoted lead time should commence from date of Approval.

The implementation date should be at the earliest opportunity.

A.3.b. ANY LIMITATIONS OR DEPENDENCIES FOR IMPLEMENTATION

A.4. ANY OTHER COMMENTS

PART B — TP ASSESSMENT

B.1. ASSESSMENT PROCESS			
B.1.a. ASSESSMENT START DATE	2012-08-16	ASSESSMENT END DATE	Ongoing
B.1.b. IMPACT ASSESSMENT REQUIREMENT	IA REQUIRED		
B.1.c. CONSULTATION REQUIREMENT	TP CONSULTATION REQUIRED		
B.1.d. ASSOCIATED DOCUMENTS (to this Part B)			
B.2. ASSESSMENT DETAILS			
B.2.a. CHANGE SPECIFICATION AND IMPACT (if different from that originally submitted)			
B.2.b. DRAFT LEGAL TEXT (if different from that originally submitted)			
B.2.c. TP ASSESSMENT Taking into account complexity, importance and urgency, and having regard to whether or not such proposal is within the relevant Objectives and Principles as required under Market Code Parts 8.7.1 (v) and 8.8.1 (iv)			
Impact on Principles and Objectives (if different from that originally submitted)			
Cost Estimate		£29K	
Benefit Estimate (L: < 10k, M: £10k to £100k, H: > £100k)			
B.3. TP DECISION		TP APPROVED	
B.4. FINAL TP VIEWS			
B.5. PLANNED IMPLEMENTATION DATE		March 2014	

WITHDRAWN BY PROPOSER?	YES / NO
COMMENTS	
DATE OF WITHDRAWAL	

PART C — COMMISSION APPROVAL

C.1. DATE FINAL REPORT ISSUED TO COMMISSION	2013-12-16
C.2. APPROVAL STATUS	APPROVED CHANGE
C.3. DATE OF APPROVAL STATUS	2014-01-23
C.4. COMMISSION RESPONSE REFERENCE	

PART D — IMPLEMENTATION

D.1. IMPLEMENTATION DATE	2014-03-21
D.2. IMPLEMENTATION DETAILS (MC version, CSD versions, CMA Central Systems release number, etc.)	
CMA CS v3.7	