

Change Proposal – BSCP40/02	CP No: 1335 <i>Version No: v1.0</i>
Title Creation of New Auxiliary Meter Technical Details Data flow	
Description of Problem/Issue <u>Background</u> <p>On 6th April 2009 a new Supply Licence Condition came into effect that required the installation of advanced meters for Profile Class 5-8 sites. To support this new condition, MRA Parties devised an interim manual solution to allow technical details specific to advanced meters, e.g. communication methods and addresses, to be exchanged between participants.</p> <p><u>Why the need for Change:</u></p> <p>On 29 April 2010, the MRA Development Board approved an enduring solution in the form of a new data flow, the Dxxx¹ Auxiliary Meter Technical Details, which is designed to be sent alongside the D0150 NHH Meter Technical Details flow in cases where advanced meters are fitted. A corresponding MRA Working Practice requires that this flow, or at least the information contained within it, should be mandatory where the relevant conditions apply.</p> <p>Note that the conditions established by the solution are based around the Meter Type data item, rather than either the Profile Class or a definition of 'advanced meter' Instead, the Working Practice states that</p> <p style="padding-left: 40px;"><i>"Where a new installation of a meter intending to be remotely read occurs but the communications are not operating initially, the Meter Type should be set to 'N', and the D0149/D0150 sent. When the communications are installed and operational on the metering equipment the Meter Type should be changed to NCAMR RCAMR or RCAMY, and the D0149/D0150 and Dxxxx sent."</i></p> <p>NCAMR, RCAMR and RCAMY are Meter Type codes that are used to denote remote read capability; a full definition is available from the MRASCo website here.²</p> <p>To provide robust governance for the use of this flow, it needs to be referenced in the relevant BSC Procedures. Furthermore, the data flow includes a new data item, 'Communications Provider ID', whose valid set is to be maintained through Market Domain Data.</p>	

¹ The D-number for this flow will be confirmed by MRASCo prior to implementation

² Note that the RCAMY Meter Type is being added by [DTC CP3308](#) as part of the November 2010 release.

Proposed Solution

The following Code Subsidiary Documents will need to be amended in order to align the BSC with the proposed changes:

BSCP504 and BSCP514:

These BSCPs would be modified to include obligations on Meter Operators and Data Collectors to make use of the new flow alongside the D0150 in cases where advanced meters are fitted. New appendices will be created explaining the exact circumstances where the flow must be used, and these will be cross-referenced from the relevant steps in the interface timetables.

BSCP515:

A minor change is required to reference the use of the new flow when MOAs send meter technical details to LDSOs for new installations. The detailed requirements for the sender (the MOA) would remain in BSCP514.

BSCP537 Appendix 1 (Self Assessment Document) and Appendix 2 (Testing Requirements):

References to the new flow would be included in the qualification testing requirements for Suppliers, NHHMOAs and NHHDCs, ensuring that new entrants are capable of using the flow or handling the data within it.

SVA Data Catalogue (Volume 1 & 2):

The Catalogue would be amended to include the new flow in the index and include references to BSCP504 and BSCP514 along with the relevant from/to instances.

Market Domain Data:

Add identifiers for Communications Providers into MDD. This would be achieved by raising an MDD Change Request against MDD Entity 21 (Market Role) and then assigning this role to participants added through MDD Entity 1 (Market Participant). No changes to the MDD system itself should be necessary.

Justification for Change

The new flow aims to ensure Meter Operators and Data Collectors are able to operate advanced meters successfully, especially following Change of Supplier and Change of Agent events. The data flow goes further than the interim solution in that it provides details of a meter's data storage configuration in order to ensure that when carrying out remote reads, information is collected from the correct registers.

Including the flow in the BSCPs will mandate its use by Meter Operators and Data Collectors, ensuring a consistent approach is followed by all participants.

The creation of a new Communications Provider role in MDD will ensure that the market has a robust central source for this data, ensuring each Metering System's communications provider can be identified accurately.

To which section of the Code does the CP relate, and does the CP facilitate the current provisions of the Code?

Section L 'Metering' contains the high-level requirement for meters to be installed in compliance with the Codes of Practice. In turn, certain CoPs are made relevant for Profile Class 5-8 sites. This CP allows participants to facilitate the provisions of the Code by improving the exchange of meter technical data for advanced meters.

Estimated Implementation Costs *(mandatory by BSCCo)*

ELEXON man days/costs: 8 days, equivalent to £1,980.

Configurable Items Affected by Proposed Solution(s)

BSCP504 - Non Half Hourly Data Collection for SVA Metering Systems Registered in SMRS
BSCP514 - SVA Meter Operations for Metering Systems Registered in SMRS
BSCP515 - Licensed Distribution
SVA Data Catalogue Volume 1
SVA Data Catalogue Volume 2
BSCP537 Appendix 1 Self Assessment Document
BSCP537 Appendix 2 Testing Requirements

Impact on Core Industry Documents or System Operator-Transmission Owner Code *(mandatory by originator)*

MRA Data Transfer Catalogue and Working Practices

Related Changes and/or Projects

DTC CP3310 v2.0 'Introduction of a new flow to support additional information'

- [CP form](#)
- [DTC drafting](#)

Working Practice Product Set (WPPS) CP0101 v2.0 'AMR Auxiliary Metering Information'

- [CP form and agreed Working Practice](#)

Requested Implementation Date

Feb 2011

Reason:

Implementation in February will coincide with the DTC and WPPS changes.

Version History

Version 1.0 for Impact Assessment

Originator's Details:

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Date.....28 May 2010

Attachments: **Y**

Attachment A: BSCP504 - Non Half Hourly Data Collection for SVA Metering Systems Registered in SMRS (11 Pages)

Attachment B: BSCP514 - SVA Meter Operations for Metering Systems Registered in SMRS (14 Pages)

Attachment C: BSCP515 - Licensed Distribution (2 Pages)

Attachment D: SVA Data Catalogue Volume 1 (7 Pages)

Attachment E: SVA Data Catalogue Volume 2 (2 Pages)

Attachment F: BSCP537 Appendix 1 Self Assessment Document (2 Pages)

Attachment G: BSCP537Appendix 2 Testing Requirements (1 Page)