

CP1410

About this document:

This is an Assessment Consultation document, which provides details of the background, solution, potential impacts and costs associated with CP1410 'Transfer of Outstation Level 3 Passwords for advanced Meters'. This document is for information only, to be used in line with the Consultation Response form, to which this document is attached.

1. Why Change?

Background

Electricity supply standard licence condition 12 requires that, from 6 April 2014, Suppliers must not supply electricity at any Metering Point in Profile Classes (PCs) 5 to 8 other than through an advanced Meter.

Consequently, the Change of Measurement Class (CoMC) process from Non Half Hourly (NHH) to Half Hourly (HH) is likely to involve a NHH Meter which is already HH capable, assuming that the majority of Metering Systems changing from NHH to HH will be in PCs 5-8. In most cases a change of Meter will not be needed, and in many cases a site visit by the Meter Operator Agent (MOA) will not be required. Whilst the current BSC Procedure (BSCP) processes make some allowances for a CoMC with no change of Meter, they do not fully embrace the possibility that a CoMC can take place without the need for a site visit by the MOA.

The Profiling and Settlement Review Group (PSRG) asked ELEXON to review the CoMC process to ensure that the complexity (real or perceived) of the CoMC process does not act as a barrier to elective HH Settlement. [Issue 49 'Change of Measurement Class \(CoMC\) process for advanced Meters'](#) was raised on 24 June 2013 to look into this issue.

What is the issue?

One of the problems identified as part of Issue 49 relates to the transfer of the J1713 'Outstation Password Level 3' data item between the Non Half Hourly Meter Operator Agent (NHHMOA) and HHMOA on a NHH to HH CoMC.

This data item is sent on the D0313 'Auxiliary Meter Technical Details' flow from the NHHMOA to the HHMOA, following a request from the HHMOA using the D0170 'Request for Metering System Related Details' flow. The 'Outstation Password Level 3' (in conjunction with the J1716 'Outstation Username Level 3' data item) will allow the advanced Meter to be configured, so effectively passes control of the Meter from the NHHMOA to the HHMOA. NHHMOAs are, understandably, reluctant to lose control of the Meter too far



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ahead of their de-appointment date. HHMOAs, on the other hand, need to receive the D0313 flow far enough in advance of their appointment date to be able to:

- a) Determine whether they can support the existing Meter;
- b) Decide whether they need to carry out a site visit; and
- c) Arrange any necessary site visit.

This creates conflicting requirements from the NHHMOA and HHMOA, which can put the CoMC process at risk.

ELEXON raised CP1410 'Transfer of Outstation Level 3 Passwords for advanced Meters' on 13 March 2014 to address this issue. It should be noted that this change has been raised separately to [CP1409 'Change of Measurement Class process for advanced Meters'](#), which is progressing the main Issue 49 solution. These two CPs are also independent of one another i.e. CP1410 could be implemented without CP1409.

2. Solution

The Issue 49 Group agreed the following solution:

- The Supplier will informally de-appoint the NHHMOA and appoint the HHMOA;
- The Supplier will use a D0170 flow to ask the NHHMOA to provide the HHMOA with a D0150 'NHH Meter Technical Details' flow, a D0149 'Notification of Mapping Details' flow and a D0313 'flow without the 'Outstation Password Level 3';
- The NHHMOA and HHMOA will bilaterally agree the method of transfer;
- The HHMOA will use the Auxiliary Meter Technical Details (MTDs) and commissioning details to decide whether a site visit is required;
- If the HHMOA needs the 'Outstation Password Level 3' password they will request it directly from the NHHMOA using a D0170 flow; and
- Two new values of Requested Action Code (J0007) will be introduced, via a Data Transfer Catalogue (DTC) CP under the Master Registration Agreement (MRA), to support the D0170 requests.

Although the NHH to HH CoMC process should be more efficient where the Metering System already has a HH capable Meter, these efficiencies will be lost if interoperability issues are allowed to stall the process. A two-stage process for transferring the Auxiliary MTDs will provide the HHMOA with the information needed in sufficient time to plan for the CoMC date, whilst allowing the NHHMOA not to surrender control of the Meter until their de-appointment date.



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Question 1

Do you agree with the proposed change?

3. Impacts and Costs

Potential central impacts and costs

Potential Impacts		
Document impacts	System impacts	Total costs
BSCP514 'SVA Meter Operations for Metering Systems Registered in SMRS'	No system changes or impacts identified.	1 man day equating to £240

Potential participant impacts and costs

We anticipate that Suppliers, NHHMOAs and HHMOAs will have impacts associated with CP1410.

Question 2

Is your organisation impacted? If yes, please answer the following:

Question 2a

How is your organisation impacted?

Question 2b

What are the associated costs on your organisation to implement this change?

4. Implementation Approach

CP1410 is targeted for implementation on 6 November 2014 as part of the November 2014 BSC Systems Release, as this is the next available release.

Question 3

Do you agree with the implementation approach? If not, why?



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5. SVG Initial Views

ELEXON presented the New CP Progression paper for CP1410 to the SVG at its 1 April 2014 meeting ([SVG158/04](#)).

An SVG Member commented that it appears that information is being sent from the NHHMOAs via the D0150 and D0313 flows following a request using the D0170 flow, so they saw no reason why the J1713 'Outstation Password Level 3 password' data item could also not be sent.

Another SVG Member noted that NHHMOAs are understandably reluctant to send the level 3 password through before their de-appointment data as it allows the HHMOA to re-configure the Meter before they are appointed, and while the NHHMOA is still responsible for the Meter. ELEXON clarified that there is no issue with sending the level 3 password on the de-appointment date, but the HHMOA needs access to other information in the D0150 and D0313 flows (such as communications details) to check that the Meter can be supported and to allow time to arrange an appointment with the customer if needed. ELEXON advised that the two-stage approach proposed in CP1410 provides the HHMOA with the information needed in sufficient time to plan for the CoMC date, whilst allowing the NHHMOA not to surrender control of the Meter until the de-appointment date.

An SVG Member raised a concern about the MOAs bilaterally agreeing the method of transfer. They expressed the view that concerns will be raised from NHH Automatic Meter Reading (AMR) providers as this change would be asking them to do something rather than explicitly telling them to do something. ELEXON confirmed that the actual transfer of data will be mandatory, but the method of transfer can be agreed between the agents themselves, and does not have to be via the formal DTC flows. However, the information will effectively be the contents of the D0313 (excluding the level 3 password) and D0150 flows, even if they are not formally sending the flows.

An SVG Member highlighted that the majority of NHHMOA to HHMOA transfers are within the same organisation so the timing of transfers could be agreed internally. ELEXON noted that only a small number of MOAs were only qualified as NHHMOAs, so few changes of MOA will be enforced due to lack of Qualification. However, there will be some 'external' transfers between a Supplier's preferred NHHMOA and a customer appointed HHMOA. An SVG Member advised that the more formal approach of CP1410 was better suited to these transfers. ELEXON advised that it had considered that there would be concerns about whether the issue could be adequately managed internally in many cases, and this is why this has been raised as a separate CP to CP1409, which is progressing the main Issue 49 solution.

The SVG asked industry to note that it would not be making its decision on CP1410 until its 3 June 2014 meeting, so respondents should be particularly vigilant when responding to the consultation question on implementation timescales.



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Attachments:

Attachment A – CP1410 Form

Attachment B – BSCP514 Redlining v0.1

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