

<b>Change Proposal – F40/01</b>	<b>CP No: 1133</b> <b>Version No: 1.0</b>
<b>Title</b> ( <i>mandatory by originator</i> )	
Additional Mechanism for New NHHDC to Obtain Meter Reading History on Change of Supplier	
<b>Description of Problem/Issue</b> ( <i>mandatory by originator</i> )	
<p>One of the current weaknesses of the Non Half Hourly Change of Supplier (CoS) process is that the new Non Half Hourly Data Collector (NHHDC) is dependent upon the old NHHDC for meter reading history (i.e. the last valid set of register readings and associated EAC values). If the old NHHDC fails to provide this data, the new NHHDC will be unable to validate or deem a CoS meter reading, and the CoS process will therefore fail to complete. In order to address this issue, the Customer Transfer Programme (CTP) proposes that the new NHHDC should be able to request the meter reading history from the new Supplier in those cases where the old NHHDC has failed to provide it.</p>	
<p>It is proposed that the new Supplier should respond to the request for meter reading history by sending the new NHHDC a "Notification of Old Supplier Information" (NOSI)<sup>1</sup> data flow, as this flow contains the required meter reading history. In particular, the NOSI flow contains the following data groups:</p> <ul style="list-style-type: none"> <li>• Old Supplier's Last EAC details, containing EAC data sourced from the old NHHDC.</li> <li>• Last Actual or Customer Register Reading. It should be noted that the proposed definition of the NOSI flow (in the MRA Data Transfer Catalogue) specifies that this data comes from the old Supplier's billing processes and systems (not the old NHHDC's systems), and therefore hasn't necessarily passed BSC validation procedures. However, in circumstances where the old NHHDC has repeatedly failed to provide history data, these readings are likely to represent the best history available, and are therefore acceptable for use by the new NHHDC.</li> </ul>	
<p>Although it's not proposed to prescribe the source of the meter reading history data on the NOSI flow sent by the new Supplier, the expectation is that the data in the new Supplier's NOSI flow will be derived from (or be a copy of) that provided to them by the old Supplier on their NOSI flow.</p>	
<b>Proposed Solution(s)</b> ( <i>mandatory by originator</i> )	
<p>It is proposed that a new NHHDC who fails to receive meter reading history from the old NHHDC should be obliged to request it from the new Supplier (by sending a D0170 data flow). The Supplier will then respond with a NOSI flow containing meter reading history (if available).</p>	
<p>The remainder of this section provides further detail on various aspects of the proposed new process, followed by a list of the changes required to BSCP504 <i>'Non-Half Hourly Data Collection for SVA Metering Systems Registered in SMRS'</i>.</p>	
<p><u><a href="#">Relationship Between New Process and Existing Mechanisms for Dealing with Failure to Provide History</a></u></p>	
<p>The proposed BSCP504 changes for P176 already include two mechanisms for dealing with the situation where the old NHHDC fails to provide meter reading history:</p>	
<ul style="list-style-type: none"> <li>• If the old NHHDC has failed to provide historic data by SSD+8, the new NHHDC should manually re-request the data (by post, fax or email). The old NHHDC should respond to this request within 10 WD.</li> </ul>	

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<sup>1</sup> Note that the NOSI flow is a new flow that will be contained in the Master Registration Agreement (MRA) owned Data Transfer Catalogue (DTC). This flow was proposed by DTC CP3245 and has been agreed for inclusion in the February 2006 release.

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<ul style="list-style-type: none"> <li>• If the old NHHDC still fails to provide historic data, the new NHHDC should use the 'backward deeming' process, which allows a CoS reading to be deemed from a subsequent actual meter reading, without receiving historic data. This process takes place at least 20 WD and no more than 12 months after the manual request to the old NHHDC.</li> </ul> <p>It is proposed that the new process should take place <u>between</u> these two processes. Once the new NHHDC judges that the old NHHDC is not going to respond to the manual request for history, but before using the backwards deeming process, they must send a D0170 to the new Supplier (in order to request meter reading history). The new Supplier must then reply with a NOSI flow, containing the last actual meter reading and associated EAC value. If the new Supplier does not have this data, because the old Supplier failed to provide a NOSI flow, or provided a NOSI flow that didn't contain meter reading history, they should indicate this by sending an 'empty' NOSI flow.</p> <p>It is not proposed to specify a specific deadline by which the new NHHDC must trigger the process. The new NHHDC should be free to make their own decision on this (based for example on operational experience of how long the old NHHDC is likely to take to provide historical data).</p> <p><u>Other Uses of D0170 Data Flow on CoS</u></p> <p>The CoS process in BSCP504 already includes an (optional) instance of the D0170 from new NHHDC to new Supplier in step 3.2.6.2. This use of the D0170 occurs prior to SSD, and is intended to allow the NHHDC to request Metering System details (e.g. Profile Class, GSP Group) from the Supplier.</p> <p>Clearly Suppliers would need to be able to distinguish this existing use of the D0170 (which takes place before SSD) from the new use proposed in this CP (which takes place some time after SSD, and only for those Metering Systems where the old NHHDC has failed to provide history data). One option for doing this would be to use the 'Requested Action Code' on the D0170 data flow to distinguish the two uses.</p> <p>However, discussions with NHHDCs suggest that the option of sending a D0170 ahead of SSD to request Metering System details is not in fact used. It's therefore proposed instead to remove the references to the D0170 from step 3.2.6.2. A D0170 sent from new NHHDC to new Supplier on CoS should then always be interpreted as a request for meter reading history (following failure of the old NHHDC to provide it).</p> <p><u>Distinguishing D0170 on CoS from D0170 on Change of Agent</u></p> <p>Although the above proposal ensures that a D0170 on CoS has an unambiguous interpretation, Suppliers will still need a process for distinguishing a D0170 on CoS from a D0170 on Change of Agent (CoA):</p> <ul style="list-style-type: none"> <li>• A D0170 on CoS requires a NOSI flow in response (as per this Change Proposal); but</li> <li>• A D0170 on CoA requires a D0010/D0152 in response. This process is described in steps 3.2.3.7 and 3.2.3.8 of BSCP504, and further clarified in Change Proposal CP1085 ('Inclusion of 'underpin' process in PSL120 'Non Half Hourly Data Collection').</li> </ul> <p>In order to avoid confusion between these two cases, it is proposed to amend the Valid Set for the Requested Action Code data item on the D0170 to distinguish these two usages of the flow. As the BSC documentation set does not describe the valid set for the Requested Action Code, this change will be progressed as a DTC Change Proposal in parallel with this BSC Change Proposal.</p>	

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<sup>2</sup> The P176 changes to BSCP504 are attached to the P176 Modification Report, a copy of which is available from the BSC (ELEXON) website – [www.elexon.co.uk](http://www.elexon.co.uk).

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### Changes Required to BSCP504

The following changes are required to BSCP504 in order to implement the proposals described above. Note that all references are to BSCP504 as modified by P176, not the current live version<sup>2</sup>:

- Delete references to the D0170 from step 3.2.6.2 (including the words "and may request SVA MS related data" and associated footnote.)
- Add two new steps immediately after 3.2.6.15:
  - D0170 request from new NHHDC to new Supplier. This step must take place after the New NHHDC has chased the Old NHHDC for history and it has not been forthcoming (i.e. the repeated request for history to the old NHHDC), and only if step 3.2.6.15 hasn't taken place (i.e. the old NHHDC has again failed to provide history).
  - New Supplier responds within [5 WD] with a NOSI flow containing the last set of meter readings and EAC values (if available).

It is suggested that an explicit comment is included in BSCP504 at this point to provide clarity to the proposed solution:

If the new Supplier does not have this data, because the old Supplier failed to provide a NOSI flow, or provided a NOSI flow that didn't contain meter reading history, they should indicate this by sending an 'empty' NOSI flow.

- Amend section (a) of Appendix 4.5 (which describes the process for deeming a meter reading on CoS) to include references to:
  - The new NHHDC requesting meter reading history from the new Supplier (if the old NHHDC fails to provide it); and
  - The new NHHDC using meter reading history received from the new Supplier to deem a CoS reading.

No changes are required to PSL120 'Party Service Line for Non-Half Hourly Data Collection' to support this change.

It is assumed that no changes to the baseline are required to allow the NHHDC to use the meter reading history from the NOSI flow to validate a Change of Supplier reading.

### **Justification for Change** (*mandatory by originator*)

Under the CoS process defined in P176 (and indeed the current CoS process), meter reading history can only be provided by the old NHHDC. If the old NHHDC fails to provide it, there will be a significant delay before a (deemed or actual) meter reading enters the settlement process, and that meter reading will not have been validated against historic meter reading data.

The Proposer considers that this CP (by providing an additional mechanism for the new NHHDC to obtain meter reading history) would better facilitate Applicable BSC Objective (c) i.e. promoting effective competition in the supply of electricity, by:

- Improving the efficiency, accuracy and timeliness of the CoS process;
- Improving the timeliness with which CoS meter readings become available (and hence the accuracy of settlement, including in particular the earlier Reconciliation runs); and

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<ul style="list-style-type: none"> <li>Reducing the potential for discrepancies between Supplier billing and settlement.</li> </ul>	
<b>Is the Change being proposed a Housekeeping Change? (optional by originator)</b>	
<b>No.</b>	
<b>Configurable Items Potentially Affected by Proposed Solution(s) (optional by Originator)</b>	
BSCP504 'Non-Half Hourly Data Collection for SVA Metering Systems Registered in SMRS'	
<b>Impact on Core Industry Documents or System Operator-Transmission Owner Code (optional by originator)</b>	
<p>Although this CP doesn't require any change to the Master Registration Agreement (MRA) itself, it does require two changes to the MRA Data Transfer Catalogue:</p> <ul style="list-style-type: none"> <li>The proposal for the NOSI flow agreed by the MRA Development Board (MDB) on 31 March 2005 (DTC CP 3245) only supports Supplier to Supplier communication. A further change is now required to create a Supplier to NHHDC instance of this flow. It may also be appropriate for this DTC CP to introduce some guidance on which of the optional data items need to be populated on a NOSI flow sent to an NHHDC.</li> <li>As discussed above (in <u>Proposed Solutions</u>), the valid set of data item 'Requested Action Code' (J0007) should be extended to distinguish between: <ul style="list-style-type: none"> <li>a D0170 sent from NHHDC to Supplier on CoA (which expects a D0010/D0152 in response); and</li> <li>a D0170 sent from NHHDC to Supplier on concurrent CoS and change of NHHDC (which expects a NOSI flow in response).</li> </ul> </li> </ul> <p>Currently a value of 07 ('Transfer meter technical and commissioning details and meter reading history to new Data Collector') would be used in both of these cases.</p> <p>It is proposed to progress these two changes to the MRA DTC as separate MRA Change Proposals in parallel with this BSC CP.</p>	
<b>Related Changes and/or Projects (mandatory by BSCCo)</b>	
<p>This Change Proposal is dependent on the successful implementation of the approved Modification Proposal P176 'Clarification of the Requirements for Estimation / Deeming of Meter Readings / Advances in Certain Circumstances to Facilitate Correction of Anomalies in Settlement Consumption'.</p>	

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<p>This Change Proposal is also related to the CTP proposals for the NOSI flow (i.e. MRA CP 0159 and DTC CP 3245), which were agreed by MDB on 31 March 2005 for inclusion in the February '06 release.</p> <p>It should be noted that a change similar to this one was discussed by the P176 Modification Group, but was not in the end included in the P176 Modification Report. However, the change discussed by the Modification Group differed from that proposed here in two key respects:</p> <ul style="list-style-type: none"> <li>• The request for history from new NHHDC to new Supplier was manual (post / fax / email), rather than a D0170 data flow as proposed here.</li> <li>• The request for history from new NHHDC to new Supplier was carried out in parallel with the request to the old NHHDC, not afterwards (as proposed here).</li> </ul> <p>At the time of the P176 discussions it was also not envisaged that a New Supplier would be in receipt of the NOSI flow (as introduced by the CTP) and that it would be able to provide its NHHDC with the information required.</p>	
<p><b>Requested Implementation Date</b> (<i>mandatory by originator</i>)</p> <p>As noted above, this CP is dependent upon approval of Modification Proposal P176, and therefore cannot be implemented earlier than the approved Implementation Date for P176.</p> <p>Subject to this constraint, this CP should be implemented at the same time as DTC CP 3245 ('Addition to the DTC of new data flow for "Notification of Old Supplier Information" (NOSI)') and other related CTP Change Proposals i.e. the February '06 release.</p>	
<p><b>Agreed Release/Implementation Date</b> (<i>mandatory by BSCCo</i>)</p>	
<p><b>Originator's Details:</b> <i>Claire Walsh</i></p> <p><b>BCA Name</b> <i>Claire Walsh</i></p> <p><b>Organisation</b> <i>BGT</i></p> <p><b>Email Address</b> <i>Claire.walsh@centrica.co.uk</i></p> <p><b>Date</b> <i>13/05/05</i></p>	
<p>Attachments: N</p>	