

Change Proposal – F40/01

CP No: 1070

Version No: 1.0

Title: Changes to Code Subsidiary Documents to ensure the correct usage of the D0002 'Fault Resolution Report or Request for Decision on Further Action'

Description of Problem/Issue

CP1063 has been drafted which proposed changes to the Metering System investigation process in BSCP502 'Half Hourly Data Collection for Metering Systems Registered in SMRS', BSCP504 'Non-Half Hourly Data Collection for Metering systems Registered in SMRS' and BSCP514 'SVA Meter Operations for Metering Systems Registered in SMRS' to reflect agreed current practise. The following principles have been included in CP1063 for Metering System investigations.

- In the Half Hourly (HH) market, the D0002 'Fault Resolution Report or Request for Decision on Further Action' data flow should only be used to notify that a Metering System fault has been resolved. The D0005 'Instruction on Action' data flow should be used to provide updates where the Metering System fault cannot be resolved within the required timescales; and
- In the Non-Half Hourly (NHH) market the D0002 should be used as both the flow to report when a Metering System fault has been resolved and also to request a decision on further action.

CP1063 does not consider the usage of the D0002 data flow outside the Metering System Investigation Process, however it has been suggested that the use of the D0002 should be confined in Code Subsidiary Documents to the Metering Fault Investigation Process.

There are a number of instances in BSCP502, BSCP504 and BSCP514 where the D0002 is used outside the Metering System investigation process as follows:

- To send details of any current Metering System faults on a change on Data Collector;
- As a notification that a proving test has failed; and
- As a notification that a Meter Reading is not available.

For these processes, the D0002 may not be the correct flow and other flows may be more suitable.

Proposed Solution(s) *(mandatory by originator)*

There are 3 possible solutions. Respondents to the Impact Assessment will be requested to indicate their preferred solution:

Solution 1: Make the use of the D0002 data flow in the Code Subsidiary Documents exclusive to the Metering System Investigation Process

A number of changes should be made to BSCP502, BSCP504 and BSCP514 to replace references to the D0002 data flow, with references to other data flows as follows:

To send details of any current Metering System faults on a change on Data Collector

- HH processes; the D0005 'Instruction on Action' data flow would be appropriate data flow to use in these circumstances.
- NHH processes; the D0002 data flow should remain as the most appropriate data flow.
- Change required to BSCP502, 3.2.4.3 and BSCP514 5.2.3.2 to replace the reference to the D0002 data flow with a reference to the D0005 data flow.

As a notification that a proving test has failed

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- The D0005 data flow would be the appropriate data flow to use in these circumstances.
- Change required to BSCP502, 3.5.5.2 and BSCP514 5.5.5.3 to replace the reference to the D0002 data flow with a reference to the D0005 data flow.
- There would be an impact on PARMS / Serials (BSCP533 'PARMS Data Provision' Appendix B) since the proving test serial end point is measured as the receipt date of the D0002 (where the proving test has failed).

As a notification that a Meter Reading is not available.

- The D0004 'Notification of Failure to Obtain Reading' would seem the most appropriate flow to use.
- Change would be required to:
 - BSCP502, 3.3.6.4 and 3.3.6.6;
 - BSCP504, 3.3.1.2 and 3.3.7.1; and
 - BSCP514, 5.3.3.4, 5.3.4.7, 6.3.5.4, 6.3.3.4, 6.3.4.4, 6.3.5.4, 6.3.5.5, 7.1.16, 7.1.18, 7.2.16, 7.2.18, 7.3.19, 7.3.20, 7.4.19, 7.4.20, and footnote 19.

to replace the reference to the D0002 data flow with a reference to the D0004 data flow.

- The following interfaces on the D0004 data flow would need to be added to the SVA Data Catalogue with an appropriate reference back to the BSCP502, BSCP504 or BSCP514 as appropriate:
 - HHDC to LDSO
 - HHMOA to HHDC
 - LDSO to HHMOA
 - HHMOA to LDSO
 - HHMOA to Supplier
 - LDSO to NHHMOA
 - NHHMOA to NHHDC
 - NHHMOA to Supplier
 - NHHMOA to LDSO
 - LDSO to Supplier
 - HHMOA to NHHMOA
 - NHHMOA to HHMOA

(Note the following acronyms: HHDC = Half Hourly Data Collector, NHHDC = Non-Half Hourly Data Collector, HHMOA = Half Hourly Meter Operator Agent, NHHMOA = Non-Half Hourly Meter Operator Agent, LDSO = Licensed Distribution system Operator.)

- Respondents to the Impact Assessment will be requested to confirm whether corresponding changes should be made to the Data Transfer Catalogue (DTC) to allow the electronic transfer of the D0004 between the above participants, whether some but not all of the interfaces should be added to the DTC (representing the most commonly used interfaces) or whether these interfaces should only be added to the SVA Data Catalogue for the manual use of this flow between the above participants. If appropriate DTC Change Proposals will be raised.

Solution 2: Add an event indicator to the D0002

In this solution, the D0002 would continue to be used, not only as part of the Metering System Investigation Process, but also to send details of any current Metering System faults on a change on Data Collector, as a notification that a proving test has failed and as a notification that a Meter Reading is not available.

The only change that would be required in this case is the Change to the D0002 in the SVA Data Catalogue and DTC. The event indicator would include the following reasons for the D0002 being sent:

- Metering System Investigation Resolved;
- Request for further information during a Metering System investigation (NHH only);

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- Details of current Metering System faults;
- Notification of proving test failure; and
- Notification that Meter reading not available.

If respondents to the Impact Assessment indicate that this solution is favourable, a corresponding DTC CP will be raised.

Solution 3: Make no changes beyond those proposed by CP1063

CP1063 proposed extensive changes to the Metering System investigation process, including clearly setting out when the D0002 should be sent. Furthermore, CP1063 proposes that a DTC CP should be raised to make the differing uses of the D0002 as part of the Metering System investigation process in the HH and NHH market clear in the description of the flow. It may be that the changes proposed on CP1063 are enough to make the usage of the D0002 clear, and that no further changes are required. If so this CP should be rejected.

Justification for Change *(mandatory by originator)*

The aim of this CP is to make the use of the D0002 clear, as currently if a D0002 is used in the Metering System investigation process in circumstances where it should not be used, it will close a corresponding D0001 'Request Metering System Investigation' before the problem on the D0001 is resolved, meaning a second D0001 will have to be raised for the same problem. Through the clear use of the D0002 data flow, Party Agents will be able to automate their systems to deal with the requirements set out in the BSCPs. This should make it easier for Suppliers (possibly via their agents) to identify and understand any problems with open Metering System investigations.

Solution 1 moves away from the use of the D0002 data flow in circumstances where it is not the best flow to be used. In the HH market this will mean that a D0002 is only sent to close a corresponding D0001 'Request Metering System Investigation' and in the NHH market, the flow will only be used in relation to Metering System investigations. This means that the sole use of the D0002 data flow will be in the Metering System investigation process, making the usage of the flow much clearer, and thus will improve the Metering System investigation process.

Solution 2 tries to make the use of the D0002 clear by adding an event indicator to it, so that it is easy to identify where the flow has been sent as part of the Metering System investigation process, and where it has been sent for another reason.

Solution 3 may be a valid solution if the cost to make the change does not outweigh the benefit the change may bring. If solution 3 is chosen, automation of systems may be more difficult.

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| Configurable Items Potentially Affected by Proposed Solution(s) | |
| BSCP502 'Half Hourly Data Collection for Metering Systems Registered in SMRS' (references taken from v9.0) | |
| BSCP504 'Non-Half hourly Data Collection for Metering systems Registered in SMRS' (references taken from v10.0) | |
| BSCP514 'SVA Meter Operations for Metering Systems Registered in SMRS' (references taken from v3.0) | |
| SVA Data Catalogue | |
| Data Transfer Catalogue | |
| Impact on Core Industry Documents | |
| Related Changes and/or Projects | |
| CP 1063 | |
| Requested Implementation Date | |
| Reason: | |
| Agreed Release/Implementation Date <i>(mandatory by BSCCo)</i> | |
| <i>June 2005 – This is a provisional date and subject to change dependant on the solution chosen.</i> | |
| Originator's Details: | |
| BCA Name | |
| Organisation ELEXON | |
| Email Address | |
| Date 10/08/04 | |
| Attachments: Y/N* (If Yes, No. of Pages attached:.....) <i>(delete as appropriate)</i> | |