

# CP Progression Paper

## CP1449 'Updates to BSCP520 and the SVA Data Catalogue following a review'

**ELEXON**



### Committee

Supplier Volume Allocation Group



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### Contents

<b>1</b>	Why Change?	<b>2</b>
<b>2</b>	Solution	<b>4</b>
<b>3</b>	Impacts and Costs	<b>5</b>
<b>4</b>	Implementation Approach	<b>6</b>
<b>5</b>	Proposed Progression	<b>6</b>
<b>6</b>	Recommendations	<b>7</b>
	Appendix 1: Glossary & References	<b>8</b>

### About This Document

This document provides information on new Change Proposal (CP) CP1449. It outlines our proposed progression timetable for this change, including when it will be issued for CP Consultation in the next suitable Change Proposal Circular (CPC) batch.

We are presenting this paper to capture any comments or questions from Supplier Volume Allocation Group (SVG) Members on this CP before we issue it for consultation.

There are five parts to this document:

- This is the main document. It provides a summary of the solution, impacts, anticipated costs, and proposed implementation approach, as well as our proposed progression approach for this CP.
- Attachment A contains the CP1449 proposal form.
- Attachments B-D contains the proposed redlined changes to deliver the CP1449 solution.

SVG176/07

CP1449  
CP Progression Paper

21 September 2015

Version 1.0

Page 1 of 8

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# 1 Why Change?

## Current UMS requirements

[Balancing and Settlement Code \(BSC\) Procedure \(BSCP\) 520 'Unmetered Supplies Registered in SMRS'](#) defines all the detailed BSC processes for Unmetered Supplies (UMS). This includes registering such sites and the methods by which we derive their consumption data for Settlement.

## What is the issue?

After reviewing BSCP520 and speaking with Unmetered Supply Operators (UMSOs) and the Unmetered Supply Users Group (UMSUG), we believe this document does not reflect current operational practice for certain processes. To reduce ambiguity in the Settlement arrangements and improve efficiency, we believe it would be appropriate to align this document with current operational practice.

The UMSUG has reviewed these changes and recommends this CP should be progressed ([UMSUG115/02](#)).

## Removal of redundant or unnecessary data flows

Participants have identified several Supplier Volume Allocation (SVA) flows (also referred to as 'P-flows' or 'paper flows') defined in the [SVA Data Catalogue](#) that are sent under the BSCP520 arrangements. These are, in practice, sent by email between participants by email without adhering to the flow structure, where the participants have agreed between them. In many cases this is because the relevant information or the frequency of it being sent is considered inappropriate for a flow, and that it is more pragmatic to issue the information via a standard email exchange. However, the use of these alternative methods has led to questions being raised by the BSC Auditor when seeking the relevant data flows as part of their auditing the process. Answering these questions takes up unnecessary time and effort with Meter Administrators (MAs) and UMSOs.

### P0064 'Summary Inventory (for Half Hourly Trading)'

This flow is used by UMSOs to pass Summary Inventory information to the relevant MA to load into its systems. The format of this flow is currently detailed within the SVA Data Catalogue. However, at least one UMSO does not use the exact format specified by the Data Catalogue, which means the MA needs to convert the file to load it. This introduces the risk of human error.

After reviewing this flow, we have identified several errors within the catalogue that need to be resolved. Noting this, and in the interests of flexibility, we consider that the most pragmatic solution is to remove the P0064 flow. We will instead detail within BSCP520 the specific file structure to be used by the UMSO when sending this data to the MA, in line with how other similar file structures are laid out.

### P0068 'UMS EM Technical Details'

The P0068 flow is no longer referenced in BSCP520, and is not used in any other BSCPs. For clarity, this flow should be removed from the SVA Data Catalogue.

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SVG176/07

CP1449

CP Progression Paper

---

21 September 2015

Version 1.0

---

Page 2 of 8

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## **P0173 'Confirmation of End Readings Date' and P0174 'Confirmation of Start Readings Date'**

We have been notified by several participants that the P0173 and P0174 flows are not generally used in practice. Instead, Suppliers will usually notify the relevant MA and Half Hourly Data Collector (HHDC) of any changes of agent and the corresponding dates through alternative methods, such as a standard email exchange. The Supplier Agents will then ensure all data is successfully exchanged for the periods of their appointments, with BSCP520 already requiring the MA to update the HHDC where information changes.

We therefore consider that these two flows should be removed, and BSCP520 enhanced to ensure the Supplier notifies the relevant Supplier Agents of each relevant date via more flexible methods of communication.

## **P0176 'Request for EM Details'**

Similarly to above, the information passed via the P0176 flow tends to get issued by standard email exchange rather than through a full flow. Furthermore, this flow contains the 'Sub-Meter ID' data item, which must match exactly with that given in the separate Central Management System (CMS) file. This item must be consistent between the CMS, the UMSO and the MA to enable the CMS to operate successfully. As this information exchange is infrequent, it is considered by participants that this should not be contained in a flow.

We therefore consider that this flow should be removed, and BSCP520 enhanced to ensure the relevant information is supplied.

## **Housekeeping and other clarification changes**

Alongside this, we have also identified several housekeeping changes and other areas within BSCP520 that need to be clarified. We consider that these should be resolved as part of this change to improve clarity in the document.

- There are numerous instances of inconsistent use of terminology, incorrect capitalisation or redundant acronyms that should be tidied up.
- Sections 1.2.4.4 and 1.5 need to be updated following the implementation of [P317 'Changes to the Unmetered Supplies obligations in the BSC'](#) in the June 2015 Release, to remove paragraphs that are now redundant.
- Areas for clarification were recently identified with the details of some of the revised event log file (version 2 or greater) in Section 4.6.3.3, following issues that were identified during the testing for a recent CMS. The current wording is ambiguous with regard to incremental data for street lights that were missing in the original version 1 file. In this scenario, all the events for the individual street light need to be resent, not just incremental events. This is due to the way that Equivalent Meters (EMs) process the changes to this data.
- Clarification should be added to the 'Hash Total' field of the EM Output File in Section 4.6.4 following an issue identified in December 2014. This issue arose where an upgrade to EM software included a sum of the data including the decimal places in the 'Hash Total' field. This caused validation issues with a HHDC. The EM software has since been revised, and this CP seeks to remove any ambiguity from the BSCP.

### Proposed solution

[CP1449 'Updates to BSCP520 and the SVA Data Catalogue following a review'](#) was raised by ELEXON.

It proposes to remove the following five flows from the SVA Data Catalogue, for the reasons provided in Section 1. Instead, where applicable, the text within BSCP520 will be enhanced to lay out the information that should be sent at the relevant steps.

- P0064 'Summary Inventory (for Half Hourly Trading)'
- P0068 'UMS EM Technical Details'
- P0173 'Confirmation of End Readings Date'
- P0174 'Confirmation of Start Readings Date'
- P0176 'Request for EM Details'

It will also make the following housekeeping and clarification changes within BSCP520:

- All references to 'SVA Metering System' will be converted to 'MSID' (Metering System Identifier) to ensure consistent terminology throughout the document;
- All defined terms that should be capitalised but are not will be corrected;
- The terms 'Change of Measurement Class' and 'Metering Equipment Technical Details' and accompanying acronyms will be removed from the glossary in Section 1.7.1 as they are no longer used within BSCP520;
- The link to the Managing Unmetered Energy Street Lighting Inventories (MUESLI) website will be updated to [www.theilp.org.uk](http://www.theilp.org.uk);
- Text will be clarified to reflect the MA sending data to the HHDC, rather than the HHDC 'collecting' data;
- A paragraph in each of sections 1.2.4.4 and 1.5 have been deleted as they are no longer relevant following the implementation of P317;
- Further detail and clarity has been added in to Section 4.6.3.3 regarding the structure of the relevant flows and what needs to be submitted; and
- Clarification has been added to the 'Hash Total' field of the EM Output File in Section 4.6.4 that this is the sum *of the integer values* of the relevant readings.

These changes will ensure that BSCP520 and the SVA Data Catalogue fully reflect operational practice. It will also increase flexibility in the process and reduce the amount of time participants spend resolving Audit issues relating to these processes.

### Proposed redlining

The proposed redlined changes to BSCP520 and the SVA Data Catalogue to deliver CP1449 can be found in Attachments B-D.

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SVG176/07

CP1449  
CP Progression Paper

---

21 September 2015

Version 1.0

---

Page 4 of 8

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### 3 Impacts and Costs

#### Central impacts and costs

CP1449 will require changes to BSCP520 and the SVA Data Catalogue. No system changes are required, and there will be no impact on BSC Agents.

The central implementation costs for CP1449 will be approximately £240 (one ELEXON man day) to implement the relevant document changes.

Central Impacts	
Document Impacts	System Impacts
<ul style="list-style-type: none"><li>BSCP520</li><li>SVA Data Catalogue Volume 1</li><li>SVA Data Catalogue Volume 2</li></ul>	<i>None</i>

#### BSC Party & Party Agent impacts and costs

CP1449 seeks to update BSCP520 to reflect current operational practice. The changes it is making will either relax the requirements for sending some information between participants, or will clarify existing details or correct typographical errors. As such, it should not impact Suppliers or Supplier Agents, although the relevant participants may wish to update any internal processes or documents in line with these changes. We will confirm this as part of the CP Consultation.

BSC Party & Party Agent Impacts	
BSC Party/Party Agent	Impact
Suppliers	No mandatory impacts anticipated to implement CP1449.
Half Hourly Data Collectors	
Meter Administrators	
Unmetered Supply Operators	

## 4 Implementation Approach

### Recommended Implementation Date

We recommend that CP1449 is implemented on **25 February 2016** as part of the February 2016 BSC Systems Release.

CP1449 is a document-only change that should not impact participants. The February 2016 Release is therefore the earliest Release that this CP can be included in.

## 5 Proposed Progression

### Progression timetable

The table below outlines the proposed progression plan for CP1449:

Progression Timetable	
Event	Date
CP Progression Paper presented to SVG for information	29 Sep 15
CP Consultation	05 Oct 15 – 30 Oct 15
CP Assessment Report presented to SVG for decision	01 Dec 15
Proposed Implementation Date	25 Feb 16 (Feb 16 Release)

### CP Consultation questions

We intend to ask the standard CP Consultation questions for CP1449. We do not believe any additional questions need to be asked for this CP.

Standard CP Consultation Questions
Do you agree with the CP1449 proposed solution?
Do you agree that the draft redlining delivers the CP1449 proposed solution?
Will CP1449 impact your organisation?
Will your organisation incur any costs in implementing CP1449?
Do you agree with the proposed implementation approach for CP1449?

SVG176/07

CP1449  
CP Progression Paper

21 September 2015

Version 1.0

Page 6 of 8

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## 6 Recommendations

We invite you to:

- **NOTE** that CP1449 has been raised;
- **NOTE** the proposed progression timetable for CP1449; and
- **PROVIDE** any comments or additional questions for inclusion in the CP Consultation.

## Appendix 1: Glossary & References

### Acronyms

Acronyms used in this document are listed in the table below.

Acronyms	
Acronym	Definition
BSC	Balancing and Settlement Code ( <i>industry Code</i> )
BSCP	Balancing and Settlement Code Procedure ( <i>Code Subsidiary Document</i> )
CMS	Central Management System
CP	Change Proposal
CPC	Change Proposal Circular
EM	Equivalent Meter
HHDC	Half Hourly Data Collector ( <i>Party Agent</i> )
MA	Meter Administrator ( <i>Party Agent</i> )
MSID	Metering System Identifier
MUSELI	Managing Unmetered Energy Street Lighting Inventories
SVA	Supplier Volume Allocation
SVG	Supplier Volume Allocation Group ( <i>Panel Committee</i> )
UMS	Unmetered Supplies
UMSO	Unmetered Supplies Operator
UMSUG	Unmetered Supply Users Group ( <i>SVG sub-group</i> )

### External links

A summary of all hyperlinks used in this document are listed in the table below. All external documents and URL links listed are correct as of the date of this document.

External Links		
Page(s)	Description	URL
2	BSCPs page on the ELEXON website	<a href="https://www.elexon.co.uk/bsc-related-documents/related-documents/bscps/">https://www.elexon.co.uk/bsc-related-documents/related-documents/bscps/</a>
2	UMSUG 115 page on the ELEXON website	<a href="https://www.elexon.co.uk/meeting/umsug-115/">https://www.elexon.co.uk/meeting/umsug-115/</a>
2	Business Definition Documents page on the ELEXON website	<a href="https://www.elexon.co.uk/bsc-related-documents/related-documents/business-definition-documents/">https://www.elexon.co.uk/bsc-related-documents/related-documents/business-definition-documents/</a>
3	P317 page on the ELEXON website	<a href="https://www.elexon.co.uk/mod-proposal/p317/">https://www.elexon.co.uk/mod-proposal/p317/</a>
4	CP1449 page on the ELEXON website	<a href="https://www.elexon.co.uk/change-proposal/cp1449/">https://www.elexon.co.uk/change-proposal/cp1449/</a>
4	MUESLI website	<a href="http://www.theilp.org.uk/">http://www.theilp.org.uk/</a>

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SVG176/07

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CP1449  
CP Progression Paper

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21 September 2015

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Version 1.0

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Page 8 of 8

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