

CP Progression Paper

'Updates to BSCP601 to reflect updates to the Measuring Instruments Regulations'

ELEXON



Committee

Imbalance Settlement Group (ISG)
Supplier Volume Allocation Group (SVG)



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About This Document

This document provides information on a new Change Proposal (CP) and 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 the ISG and SVG on 5 October 2021 to capture any comments or questions from Committee Members before we issue it for consultation.

There are three 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 CP proposal form.
- Attachment B contains the proposed redlined changes to deliver the CP solution.

ISG246, SVG248

CP Progression Paper

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1 Summary?

Why change?

As of 1 January 2021 the requirements for new Meters being placed on the market in Great Britain (GB) have changed. [BSCP601 'Metering Protocol Approval and Compliance Testing'](#) includes references to the outdated requirements for new Meters and must be amended to align with new Government policy.

To allow businesses time to adjust to the new requirements, the Government has put in place a two year transition period until 1 January 2023. The transition period is in place for already approved Meters to delay cut-off to switch from CE mark to UKCA. It will not impact the compliance of an already approved Meter.

Solution

This CP proposes to amend the definition of Type Approval in BSCP601 to clarify to industry the requirements for new Meters being manufactured.

The form F601/03 (Protocol Approval and Compliance Testing) Section C will also be updated to align with [Product Safety & Metrology etc \(Amendment etc.\) Regulations \(EU Exit\) \(SI 2019/696\) legislation](#).

Impacts and costs

No impact on industry as Meter manufacturers have already been made aware by BEIS of their new obligations. This CP is just aligning BSCP601 to the new rules.

This change will only affect BSCP601, with no central system changes required.

The central implementation costs for this CP will be less than £1,000 to implement the relevant document changes.

Implementation

The CP is recommended for implementation on 24 February 2022 as part of the standard February 2022 Balancing and Settlement Code (BSC) Release.

2 Why Change?

What is the issue?

BSCP601 text refers to old, outdated standards for Meters that have been replaced on 1 January 2021. Therefore BSCP601 requires amendment to clarify the requirements for Type Approval for new Meters.

Background

From 1 January 2021 all new Meter designs, which would previously have been Measurement Instruments Directive (MID) approved and placed on the market in GB (England, Wales and Scotland) must have the UK Conformity Assessed (UKCA) mark. New Meters must also be approved against the requirements of the [Measuring Instruments Regulations \(MIR\) \(SI 2016/1153\)](#), as amended by the [Product Safety & Metrology etc \(Amendment etc.\) Regulations \(EU Exit\) \(SI 2019/696\)](#) legislation, which follows the basic requirements as listed for MID meters.

The UKCA mark is a new UK product marking that is replacing the CE mark for goods sold within GB. The UKCA mark came into effect in 1 January 2021 but there is a two year transition period, where current CE marked meters can continue to be placed on the market within GB until 1 January 2023. After this date, all new Meters must comply with the new standards.

Proposed solution

This CP proposes to make changes to BSCP601 with the following:

- Amend the definition of Type Approval to clarify to industry the requirements for new Meters.
- Update form F601/03 (Protocol Approval and Compliance Testing) Section C to align with Product Safety & Metrology etc (Amendment etc.) Regulations (EU Exit) (SI 2019/696) legislation.

BSCP601 is only for new Meters or where the firmware is updated. Existing Meter stock and recycling of old Meters will not be impacted by this CP.

Proposer's rationale

The CP will provide clarity for industry on compliance Type Approval requirements needed for a Meter to be successful in Compliance Testing Approval against the Metering Codes of Practices (CoPs).

The CP will align BSCP601 to a higher level law, and will remove an inconsistency between the BSCP601 and the new legislation.

Proposed redlining

The CP proposes to update BSCP601. The redlining to support this change can be found in Attachment B.

Furthermore, a number of housekeeping changes were made to BSCP601 as listed below:

Section 3.2: replaced the web link.

Section 3.4.8 Table 1 Active Energy: Replaced 'Clasess' with 'Classes'.

Section 3.4.8 Table 2 Reactive Energy: Replaced 'CoPs 1 and 2 (Classes 2 and 3), for CoPs 3 and 5' with 'CoPs 1,2,3 and 5'.

Section 3.4.8 Table 2 Reactive Energy: Replaced 'BS 5685: Part 4 (Class 3)' with 'BS EN/IEC 62053-23 Class 3'.

Section 3.4.8: Removed 'and BS 5685: Part 4' and added 'and' before 'BS EN 62053 – 23'

Section 3.4.11 (e) ii, Section 3.4.11 (e) iii and Section 3.4.11 (e) iv: Removed 'or BS 5685 Part 4'.

Section 3.4.19 (a): Replaced 'The local port provides data to a Local Interrogation Unit via an opto port to BS EN 61107 (CoPs 3 and 5) or BS EN/IEC 62056-21 (CoPs 1, 2 and 10)' with 'The local port provides data to a Local Interrogation Unit via an opto port to BS EN/IEC 62056-21.'

4 Impacts and Costs

BSC Party & Party Agent impacts and costs

BSC Party & Party Agent Impacts	
BSC Party/Party Agent	Impact
No impact to BSC Party/Party Agents	None

Central impacts and costs

Central impacts

The solution in this CP only affects BSC documentation, specifically BSCP601. No BSC Central Systems or Agents will be impacted.

Central Impacts	
Document Impacts	System Impacts
BSCP601 'Metering Protocol Approval and Compliance Testing'	None

Impact on BSC Settlement Risks

Impact on BSC Settlement Risks
Elxon anticipate no impact on Settlement Risks associated with this change.

Central costs

The central implementation costs for this CP will be less than £1,000 to implement the relevant document changes.

5 Implementation Approach

Recommended Implementation Date

This change is recommended for implementation 24 February 2022 as part of the standard February 2022 BSC Release to ensure BSCP601 aligns with the new regulations which came into effect in January 2021.

6 Proposed Progression

Progression timetable

The table below outlines the proposed progression plan for the CP:

Progression Timetable	
Event	Date
CP Progression Paper presented to ISG for information	5 Oct 2021
CP Progression Paper presented to SVG for information	5 Oct 2021
CP Consultation	11 Oct 2021 – 5 Nov 2021
CP Assessment Report presented to ISG for decision	7 Dec 2021
CP Assessment Report presented to SVG for decision	7 Dec 2021
Proposed Implementation Date	24 Feb 2022 (Feb 2022 Release)

CP Consultation questions

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

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

7 Recommendations

We invite you to:

- **NOTE** the proposed progression timetable for the CP; and
- **PROVIDE** any comments or additional questions for inclusion in the CP Consultation.
- **NOTE** that the CP will be presented to:
 - the ISG on 5 Oct 2021; and
 - the SVG on 5 Oct 2021.

Appendix 1: Glossary & References

Acronyms

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

Acronyms	
Acronym	Definition
BSC	Balancing and Settlement Code
CoPs	Codes or Practices
CP	Change Proposal
GB	Great Britain
ISG	Imbalance Settlement Group
MID	Measurement Instruments Directive
MIR	Measuring Instruments Regulations
SVG	Supplier Volume Allocation Group
UKCA	UK Conformity Assessed

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	BSCP601 'Metering Protocol Approval and Compliance Testing'	https://www.elexon.co.uk/csd/bscp601-metering-protocol-approval-and-compliance-testing/
3	Measuring Instruments Regulations	https://www.legislation.gov.uk/uksi/2016/1153/contents/made
3	Product Safety & Metrology etc (Amendment etc.) Regulations (EU Exit) (SI 2019/696) legislation	https://www.legislation.gov.uk/uksi/2019/696/contents