

CP Assessment Report

CP1551 'Updates to BSCP601 to reflect updates to the Measuring Instruments Regulations'

ELEXON



Committee

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

Recommendation

Approve

Implementation Date

24 February 2022
(February 2022 Release)



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Contents

1	Summary	2
2	Why Change?	3
3	Solution	4
4	Impacts and Costs	6
5	Implementation Approach	7
6	Initial Committee Views	8
7	Industry Views	9
8	Recommendations	10
	Appendix 1: Glossary & References	11

About This Document



Not sure where to start? We suggest reading the following sections:

- Have 5 mins? Read section 1
- Have 15 mins? Read sections 1, 4, 5 and 6
- Have 30 mins? Read all sections
- Have longer? Read all sections and the annexes and attachments

This document is the Change Proposal (CP) Assessment Report for CP1551 which ELEXON will present to the ISG and SVG at their meetings on 7 December 2021. The Committees will consider the proposed solution and the responses received to the CP Consultation before making a decision on whether to approve CP1551.

There are four parts to this document:

- This is the main document. It provides details of the solution, impacts, costs, and proposed implementation approach. It also summarises the ISG and SVG's initial views on the proposed changes and the views of respondents to the CP Consultation.
- Attachment A contains the CP proposal form.
- Attachment B contains the proposed redlined changes to deliver the CP1551 solution.
- Attachment C contains the full responses received to the CP Consultation.

ISG248

CP1551
CP Assessment Report

7 December 2021

Version 1.0

Page 1 of 11

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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 [BSCP601 'Metering Protocol Approval and Compliance Testing'](#) includes references to the outdated requirements for new Meters and must be amended to align with new Government policy.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 (Classes 2 and 3)'.

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 Table 2 Reactive Energy: 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'.

Further Housekeeping Changes following consultation

Section 3.1.1: first square bracket moved from in front of 'With' to in front of 'Energy'.

Section 3.4.2: added 'as amended by the Product Safety & Metrology etc (Amendment etc.) Regulations (EU Exit) (SI 2019/696) legislation' to the Statutory Instruments 2016 No.1153 reference. Also added a reference to Statutory Instruments 2019 No. 696.

Section 3.4.7 (b): Capitalised 'Reactive'.

Section 3.4.8 (a): Changed 'SI 2006' to 'SI 2016'

Section 3.4.8 Table 2 Reactive Energy: removed '/IEC'.

Section 3.4.9 and 3.4.10: Changed {4.2.2} to {4.3.2}

Section 3.4.11 (c) iv: deleted 'EN' from 'BS EN 7856 Class 2'.

Section 3.4.11 (c) v: replaced 2006 with 2016.

Section 3.4.11 (i): Capitalised 'Level'.

Section 3.4.12 (c): inserted a row line between Test 031 and Test 032 and added the text '(CoPs 1, 2, 3, 5 and 10)'.

Section 3.4.12 (a) Test 33: Capitalised 'Level'.

Section 3.4.12 (b) Test 38: moved '(CoPs 1, 2, 3 and 5)' to below the text in Test 038 and capitalised 'Period'

Section 3.4.12 (b) Test 39: Capitalised 'Period'.

Section 3.4.17: Capitalised 'Equipment'.

Section 3.4.19 (a): Removed the texts 'BS EN/IEC 62056-21 (*CoPs 3 and 5*) or' and '(*CoPs 1, 2 and 10*)'.

Section 3.5.6.1 (viii), 3.5.10.2 (iii), 3.5.11.4 (i) and (ii): Capitalised 'Level'.

4 Impacts and Costs

BSC Party & Party Agent impacts and costs

Participant impacts and costs

This CP is not expected to have any impact on BSC Parties or non-BSC Parties and no costs to participants are expected. Meter manufacturers are already aware of the new rules.

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
<ul style="list-style-type: none">BSCP601 'Metering Protocol Approval and Compliance Testing'	<ul style="list-style-type: none">None

Impact on BSC Settlement Risks

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

Central costs

The central implementation costs for CP1551 will be less than £1,000 to implement the relevant document changes.

Recommended Implementation Date

This change is recommended for implementation on 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 and will be enforced by January 2023.

ISG's initial views

The CP Progression Paper (ISG 246/04) was presented to the ISG at its meeting on [5 October 2021](#).

An ISG member asked whether existing Meter stock will be impacted by the CP. Elexon clarified that the Change will only apply to new Meters and existing compliant meters will not be affected.

There were no other comments on the CP or the timetable for progression.

SVG's initial views

The CP Progression Paper (SVG 248/02) was presented to the SVG at its meeting on [5 October 2021](#). The SVG had no comments on the CP or the timetable for progression.

7 Industry Views

This section summarises the responses received to the CP Consultation. You can find the full responses in Attachment C. We received one response for the CP1551 consultation. The respondent was a Trade body, who was in favour of progressing CP1551 and agreed with the proposed solution.

Summary of CP1551 CP Consultation Responses

Question	Yes	No	Neutral/ No Comment	Other
Do you agree with the CP1551 proposed solution?	1	-	-	-
Do you agree that the draft redlining delivers the intent of CP1551?	1	-	-	-
Will CP1551 impact your organisation?	-	1	-	-
Will your organisation incur any costs in implementing CP1551?	-	1	-	-
Do you agree with the proposed implementation approach for CP1551?	1	-	-	-
Do you have any further comments on CP1551?	-	1	-	-

Comments on the proposed redlining

The respondent had no comments about the redlined text.

8 Recommendations

We invite the **ISG and SVG** to:

- **APPROVE** the further housekeeping changes to BSCP601 made following the CP1551 consultation;
- **APPROVE** CP1551 for implementation on 24 February 2022 as part of the standard February 2022 Release; and
- **NOTE** that CP1551 will be presented for decision to the:
 - ISG on 7 December 2021; and
 - SVG on 7 December 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 of 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/
2	Product Safety & Metrology etc (Amendment etc.) Regulations (EU Exit) (SI 2019/696) legislation	https://www.legislation.gov.uk/ukSI/2019/696/contents
3	Measuring Instruments Regulations	https://www.legislation.gov.uk/ukSI/2016/1153/contents/made
8	ISG246 meeting	https://www.elexon.co.uk/meeting/isg246/
8	SVG248 meeting	https://www.elexon.co.uk/meeting/svg248/

ISG248

CP1551

CP Assessment Report

7 December 2021

Version 1.0

Page 11 of 11

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