

Draft CP Assessment Report

CP1517 'Changes to BSC Configurable Items for the TERRE Final Implementation Date'

ELEXON



Committee

SVG

Recommendation

Note this draft CP1517 Assessment Report

Implementation Date

TERE Implementation Date
(Ad hoc Release)



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About This Document

This document is the Change Proposal (CP) Draft Assessment Report for CP1517, which ELEXON will present to the SVG at its meeting on 2 July 2019 for information. As there are material changes required to the CP1517 redlining, a second CP1517 consultation will be issued in the next suitable Change Proposal Circular (CPC) batch.

We are presenting this paper to capture any comments or questions from SVG Members on this CP before we re-issue it for consultation

There are fourteen parts to this document:

- This is the main document. It provides details of the solution, impacts, costs, and proposed implementation approach and the views of respondents to the CP Consultation.
- Attachments A contains the CP1517 Proposal Form
- B-L contain the proposed redlined changes to deliver the CP1517 solution.
- Attachment M contains the full responses received to the first CP Consultation.

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Background

P344 'Project TERRE' Background

The changes to BSC Section H2.5 'General' for Approved Modification [P344 'Project TERRE implementation into GB market arrangements'](#) sets out two implementation dates:

- The P344 Relevant Implementation Date, which was 28 February 2019 as part of the February 2019 ; and
- The P344 Final Implementation Date, defined as the date specified in the P344 Final Implementation Date Notice.

On the Relevant Implementation Date P344 was implemented into the BSC. A suite of Configurable Items (CIs), where the solution was known, were also implemented on this date to deliver the intent of P344. However, most of the CI changes related to the P344 BSC Central System changes were not implemented on the Relevant Implementation Date as the system design work had not completed by this date. It should also be noted that many of the P344 BSC provisions do not become effective until the P344 Final Implementation Date.

Under Section H2.5.1, changes to BSCP603 (and, if necessary, a revised BSCP602) will become effective on the P344 Final Implementation Date, which has yet to be notified by the National Electricity Transmission System Operator (NETSO). These changes will be attributed to "P344" in the Amendment Record.

CP1517 progression history

[CP1517](#) was raised by ELEXON on 17 May 2019. On the 10 May 2019, ELEXON notified SVG and ISG Members (via email) that CP1517 would be issued straight to consultation. ELEXON proposed this to provide industry with sufficient time to consider the system related document changes proposed by CP1517. This was because industry had not yet seen these documents, because previously, the system design work had not been advanced to a stage where it was possible to develop these documents. ELEXON notified SVG and ISG that CP1517 would be presented for decision on the 2 July 2019. However, CP1517 will be issued for a second industry consultation, as minor, but potentially material inconsistencies in the redlining have been identified; which are discussed in detail in section 6 of this draft Assessment Report. ELEXON will instead seek approval at the August and September Committee meetings. We have revised the CP1517 progression timetable:

What is P344 'Project TERRE'

P344 'Project TERRE' aims to establish a pan-European market for Balancing Energy. The project seeks to design and develop a central platform to facilitate the close to real-time exchange of Replacement Reserves (balancing energy products) between Transmission System Operators (TSOs) in participating EU Member States.

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CP1517 Progression Timetable	
Event	Date
First CP Consultation	17 May 2019 - 13 June 2019
Provide an update to SVG and ISG on the new progression plan of CP and Present Draft report Assessment Report	SVG(committee meeting) on 2 July 2019 ISG (via email) on 2 July 2019
Second CP Consultation on updated documents	8 July 2019 - 9 August 2019
CP Assessment Report presented to SVG for decision	03 September 19
CP Assessment Report presented to ISG for decision	20 August 19
Proposed Implementation Date	TERRE Implementation Date

What is the issue?

There are several BSC CIs which need to be amended to give full effect to the P344 TERRE solution that could not be developed in time to become effective on 28 February 2019, or which should only become effective on the TERRE Final Implementation Date. This is because the changes relate to the new and amended software or the new BSC Services that will be introduced on that date.

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Proposed solution

CP1517 seeks to amend the CIs below to give full effect to the TERRE solution that could not be developed in time to become effective on 28 February 2019, or which should only become effective on the TERRE Final Implementation Date.

The proposed solution is to:

- amend BSCP01 to include TERRE processes in the overview of Trading Arrangements;
- amend BSCP18 to include the process for Corrections to TERRE Acceptances;
- amend the Communications Requirements Document to describe how Virtual Lead Parties (VLPs) should send and receive TERRE information;
- amend the Central Volume Allocation (CVA) Data Catalogue to include the relevant changes to New Electricity Trading Arrangements (NETA) Interface Definition Document (IDD) Part 1;
- amend the Supplier Volume Allocation (SVA) Data Catalogue to include the P0291 data flow 'Daily Activations Report';
- amend the Reporting Catalogue to capture the relevant changes to Section V for TERRE;
- Amend the NETA IDD Part 1 Document and Spreadsheet to show:
 - the structure of the amended SAA-I014, sub-flow 1, Settlement Report for BSC Parties;
 - the structure of the new sub-flow 4 of the SAA-I014, Settlement Report, for Virtual Lead Parties;
 - the amended data sent to BSC systems by the NETSO; and
 - the new and amended Valid Sets, Flow Roles, Groups and Data Items used by the new and amended data flows in both the NETA IDD Part 1 Spreadsheet and the NETA IDD Part 2 Spreadsheet;
- Amend the NETA IDD Part 2 Document and Spreadsheet to show:
 - the new structure of the SAA-I014, sub-flow 2, Settlement Report received by the NETSO and BSCCo;
 - the new "Stage 2" data flows;
 - the new "Internal" data flows; and
 - the new Data Items used by the amended data flows in the NETA IDD Part 2 Spreadsheet.

As the above CIs are defined as Category 1 in BSCP40 'Change Management', the changes to these CIs must be included as part of the CP Consultation.



What are Category 1 Configurable Items?

Category 1 documents are defined in BSCP40 and can only be changed by a Change Proposal or a Modification. These documents include Balancing and Settlement Code Procedures (BSCPs) and Business Definition Documents (encompassing Data Catalogues, the Reporting Catalogue, the Communication Requirements Document) (BDDs).

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Amend all impacted Service Descriptions and User Requirements Specifications to reflect the revised service requirements and functionality for P344 'Project TERRE'. As these are Category 2 CIs, these changes will be taken through the industry review and Panel Committee approval process if the CP is approved, as part of the implementation phase.

Proposer's rationale

CP1517 is required to ensure that the remaining BSC Configurable Items to deliver the intent of the P344 solution are implemented by the P344 Final Implementation Date.

Proposed redlining

Attachments B-L contain the proposed redlined changes for CP1517.

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3 Impacts and Costs

Central impacts and costs

Central impacts

CP1517 will require document only changes to lists of impacted Category 1 and Category 2 BSC Configurable Items detailed in this Section 3; with no BSC Central System changes required. All the related software changes are being delivered under P344 Project TERRE. The intent of CP1517 is to ensure that BSC documentation is consistent with the intent and software requirements of Project TERRE.

Central Impacts	
Document Impacts	System Impacts
<p>The impacted Category 1 BSC Configurable Items are:</p> <ul style="list-style-type: none">• BSCP01• BSCP18• NETA IDD Part 1 Document and Spreadsheet• NETA IDD Part 2 Document and Spreadsheet• CVA Data Catalogue• SVA Data Catalogue• Reporting Catalogue <p>The impacted Category 2 BSC Configurable Items are:</p> <ul style="list-style-type: none">• BMRA Service Description• BSC AUDIT Service Description• ECVAA Service Description• FAA Service Description• SAA Service Description• SVAA Service Description• BMRA User Requirements Specification• ECVAA User Requirements Specification• FAA User Requirements Specification• SAA User Requirements Specification• SVAA User Requirements Specification	<ul style="list-style-type: none">• Delivered as part of the P344 system changes

Central costs

The central implementation costs for CP1517 will be approximately £960 (four ELEXON Working Days to implement the necessary document changes).

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BSC Party & Party Agent impacts and costs

Participant impacts

The anticipated impacts on Market Participant is outlined in the table below.

One respondent to the first CP1517 consultation stated they would be impacted by CP1517 as a software supplier to BSC Parties. They will be updating the product and services supplied to BSC Parties, in particular the interfaces with the SAA and BMRA. The respondent did not disclose whether they will incur any cost as a result of the change proposed under CP1517 (or provide a magnitude of the costs); as they feel any cost impact is a commercial matter between them and BSC Parties.

BSC Party & Party Agent Impacts	
BSC Party/Party Agent	Impact
NETSO	Receiving new SAA-I014
Virtual Lead Parties	Receiving SAA-I014; submitting and receiving new TERRE flows
Suppliers	Receiving new TERRE flows

4 Implementation Approach

Recommended Implementation Date

The implementation Date for these TERRE-related CIs is the Final TERRE Implementation Date, which the NETSO is required to notify to the BSC Panel.

All respondents to the first CP1517 consultation agreed with the proposed Implementation Date.

5 Initial Committee Views

CP1517 was issued straight to consultation for the reasons outlined in Section 1 of this Assessment Report.

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6 Industry Views

CP1517 was first issued for consultation on 17 May 2019, with a response deadline of 13 June 2019. This section summarises the responses received to the first CP1517 consultation. You can find the full responses in Attachment M.

Summary of CP1517 Consultation Responses				
Question	Yes	No	Neutral/ No Comment	Other
Do you agree with the CP1517 proposed solution?	2	0	0	0
Do you agree that the draft redlining delivers the intent of CP1517?	1	1	0	0
Will CP1517 impact your organisation?	1	1	0	0
Will your organisation incur any costs in implementing CP1517?	0	1	0	1
Do you agree with the proposed implementation approach for CP1517?	2	0	0	0
Do you have any further comments on CP1517?	0	2	0	0

Material amendments to CP1517

While CP1517 was out for industry consultation, ELEXON has been working with its service provider to finalise the design of the P344 'Project TERRE' solution and, as a result, some further changes are required to the CP1517 redlining:

- The IDD Part 1 document we consulted on stated that the structures of the new P344 related P-flows (P0282 – P0285 and P0287 – P0288) were included in the IDD part 1 spreadsheet but were not; and
- The MSID Pair ID data item in the SVA Data Catalogue Part 2 was stated as eight characters when it should have been 18 characters long.

Although the IDD spreadsheet changes can be consulted on as part of the implementation phase, we understand it is important for market participants to have visibility of the flows now to facilitate their system designs and implementation. We therefore propose to issue the amended IDD spreadsheet as part of a second CP1517 consultation issued in the July 2019 CPC batch on 8 July 2019.

Non-material comments on the proposed redlining

In response to the feedback we received through the CP1517 consultation, we have amended the redlining for NETA IDD Part 1 Document, and BSCP01. The amendments have addressed inconsistencies referred to in the first consultation, as well as clarification issues. Amendments to NETA IDD Part 1 spreadsheet will be made in time for the second CP1517 consultation.

The table below summarises the specific comments from market participants on the CP1517 redlining, as well as ELEXON's response.

Comments on the CP1517 Proposed Redlining			
Document	Location	Comment	ELEXON's Response
NETA IDD Part 1 Document	3.1.1	Does this need another bullet point for Replacement Reserve Data?	Added another bullet for RR to this section
	3.1.1 table	Should not BMRA-I037 be included?	Added BMRA-I037
	4.12.4.162	Data item 'QP' indicated as being in message type 'PRRC' but is not included in the message definition at 4.12.5.73. The message is a period level message and should not need 'QP'.	Agreed, removed PRRC from this section
	4.12.4.187	RR Instruction Flag 'RN' shown as being in BOALF message but the message definition for BOALF does not include the 'RN' field.	Corrected BOALF message at 4.12.5.27 to include RR Instruction Flag
	4.12.4.188	RR Schedule Flag 'SC' shown as being in BOALF message but the message definition for BOALF does not include the 'SC' field.	Corrected BOALF message at 4.12.5.27 to include RR Schedule Flag
	4.12.5.34	Should not the DISEBSP message contain data items related to the aggregate RR volumes used in the system price calculation?	Message will contain TERRE-related data but format is unchanged; there are no additional RR-specific volumes reported in this flow
	4.12.5.58	Should not the ISPSTACK message contain data items related to the aggregate RR volumes used in the system price calculation?	Message will contain TERRE-related data but format is unchanged. In this case, in the ISPSTACK message, RR sell and buy actions will be listed in the appropriate stacks with an ID of 'RRAUSS' and 'RRAUSB' respectively. The

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Comments on the CP1517 Proposed Redlining

Document	Location	Comment	ELEXON's Response
			Volume of GB Need Met for each Quarter Hour Period will also be listed in the stacks with Ids of 'Q1' and Q2'. Modified section 4.3.1 to clarify further.
	4.12.5.69	Typo: 'EM' in place of 'EB' for Exclusive Bid.	Corrected
	4.12.5.75	Typo: 'GMNM' in place of 'GBNM'.	Corrected

Comments on the CP1517 Proposed Redlining

Document	Location	Comment	ELEXON's Response
NETA IDD Part 1 spreadsheet	SAA_I014, row 988	BRR data group: BRR shown with cardinality of 0-1. Does this mean if there are no acceptances then BRR will not be displayed, given that each of the fields is shown as mandatory ('1')? If so, then it looks like the child data group for RR Bids ('BRR') would be omitted – but there can of course be RR Bids without acceptances.	We will report a BRR group if there is any relevant TERRE data (Bids or Activations) to report. Note that this applies to all variants of the SAA-I014 data flow. National Grid has asked a related question (through P344 channels, not the CP1517 process) on whether Bids (group RRB) and Activations (group RRA) should be reported as children of the BQH group (given that they relate to a specific Quarter Hour). We are still investigating (but will resolve it in time for the next CP1517 consultation).

Comments on the CP1517 Proposed Redlining

Document	Location	Comment	ELEXON's Response
BSCP01	New diagram 3.5	Doesn't include RR Instructions as distinct from RR Acceptances – is this deliberate?	Amended
	4.1 table row 16	Timescale says RR Delivered Volumes to be reported by +3 WD (1700) but BSCP 602 (2.2.1) says 'Within 1 WD of the provision of a Balancing Service.'	Amended to "+1 WD"

7 Recommendations

We invite you to:

- **NOTE** the updated progression timetable for CP1517;
- **NOTE** CP1517 will be issued for a second consultation;
- **PROVIDE** any comments or additional questions for inclusion in the CP Consultation; and
- **NOTE** that CP1517 will also be presented to the SVG on 03 September 19 and ISG on the 20 August 19 for decision.

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Appendix 1: Glossary & References

Acronyms

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

Acronyms	
Acronym	Definition
BMRA	Balancing Mechanism Reporting Agent
CVA	Central Volume Allocation
CIs	Configurable Items
ECVAA	Energy Contract Volume Aggregation Agent
FAA	Funds Administration Agent
IDD	Interface Definition Document
VLPs	Virtual Lead Parties
SVAA	Supplier Volume Allocation Agent
SVG	Supplier Volume Allocation Group
NETSO	National Electricity Transmission System Operator
ISG	Imbalance Settlement Group
TERRE	Trans-European Replacement Reserves Exchange

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	Webpage for P344 'Project TERRE'	https://www.elexon.co.uk/mod-proposal/p344/