

CP Assessment Report

CP1538 'Correct Specification of TERRE Tibco messages in the IDD Part 1 document'

ELEXON



Committee

Imbalance Settlement
Group (ISG)

Recommendation

Approve

Implementation Date

1 April 2021
(April 2021 Release)



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About This Document

This document is the Change Proposal (CP) Assessment Report for CP1538 which Elexon will present to the Imbalance Settlement Group (ISG) at its meeting on 2 February. The Committee will consider the proposed solution and the responses received to the CP Consultation before making a decision on whether to approve CP1538.

There are two 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's initial views on the proposed changes and the views of respondents to the CP Consultation.
- Attachment A contains the proposed redlined changes to deliver the CP1538 solution.
- Attachment B contains the CP1538 proposal form.

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CP1538
CP Assessment Report

20 January 2021

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Why change?

[CP1517](#) 'Changes to BSC Configurable Items for the TERRE Final Implementation Date' was implemented in December 2019, making changes to a number of BSC Configurable Items to implement changes necessary for the Trans-European Replacement Reserve Exchange (TERRE) solution. However, it omitted a small number of definitions from the New Electricity Trading Arrangements (NETA) Interface Definition and Design (IDD) Part 1 document in relation to Tibco messages. This change aims to implement those definition changes in the IDD Part 1 document to ensure that it is aligned with the Tibco software. This would provide a secure foundation for any future TERRE changes which may be necessary.



What is Tibco?

Tibco is a third party software that provides the mechanism for automated publication of BMRS data to market participants via a dedicated line

Solution

The proposed solution is to amend the NETA IDD Part 1 document to:

- Add the 'Marketobjectstatus' Tibco data item to Section 4.12.4 and to Section 4.13.37.2 of the IDD part 1 document;
- Amend the 'AD – RR Activation Data Tibco' message definition in Section 4.12.5.74 of the IDD Part 1 document to include 'Marketobjectstatus'; and
- Change the 'AD – RR Activation Data Tibco' message subject name to 'BMRA.RR.<BM_Unit>.AD'; and
- Add footnotes to the following data items in Section 4.12.5.69 to clarify that "This data item will be omitted from the Tibco message if not received in the source file":
 - Linked Bind ID (LB)
 - Multipart Bid ID (MB)
 - Exclusive Bid ID (EB).

Impacts and costs

This Change Proposal will cost less than £1k for Elexon to implement the document changes. It will not have any impact on BSC Central Systems, as the Tibco system has already been configured to include the data. It will allow users of Tibco, API or Data Push services to correctly configure their systems to receive messages containing TERRE data.

Implementation

This change is recommended for implementation on 1 April 2021 as part of the April BSC 2021 release.

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2 Why Change?

What is the issue?

The changes implemented in the IDD Part 1 document for Project TERRE in December 2019 included a small number of omissions and errors:

- 'Marketobjectstatus' was not specified as a Tibco data item in Section 4.12.4 or Section 4.13.37.2;
- 'Marketobjectstatus' was not included in the 'AD – RR Activation Data' Tibco message; and
- the Message Subject Name for the 'AD – RR Activation Data' Tibco message was specified incorrectly; and
- the NETA IDD Part 1 did not state that three data items relating to Bid Ids would be omitted from the RR Bid Data Tibco message – rather than being included as null values - if not received in the source file.

These omissions and errors should be corrected before the full solution to Project TERRE is implemented to ensure the BSC documentation aligns with the system functionality.

Background

CP1517 was implemented in December 2019 to amend BSC Configurable Items to give full effect to the TERRE solution, which needed to become effective when the software changes for P344 were implemented, and so could not be included with the amended BSC Configurable items implemented in February 2019 for [P344](#) 'Project TERRE'.

CP1517 implemented changes to a number of BSC configurable items, including NETA IDD Part 1 document. However, Industry testing of the full TERRE software carried out in spring / summer 2020 identified the small number of inconsistencies in the Tibco message definitions documented in this Change Proposal.

Proposed solution

The proposed solution is to amend the IDD Part 1 document to:

- Add the 'Marketobjectstatus' Tibco data item to Section 4.12.4 and to Section 4.13.37.2 of the NETA IDD part 1 word document;
- Amend the 'AD – RR Activation Data Tibco' message definition in Section 4.12.5.74 of the IDD Part 1 document to include 'Marketobjectstatus'; and
- Change the 'AD – RR Activation Data Tibco' message subject name to 'BMRA.RR.<BM_Unit>.AD'; and
- Add footnotes to the following data items in Section 4.12.5.69 to clarify that "This data item will be omitted from the Tibco message if not received in the source file":
 - Linked Bind ID (LB)
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 - Exclusive Bid ID (EB).

Proposer's rationale

This is a document only change to accurately reflect system changes that have already been implemented. The data sent out by Tibco that this change relates to would only become available if the GB electricity market is allowed to take part in the TERRE process at a future date. However, if we do not change the IDD definitions, there is a risk that any future work that happens on those systems could be compromised by those incorrect definitions, and it is important that our definitions accurately reflect the systems they refer to.

Proposed redlining

Please see attachment B for the proposed redlining.

4 Impacts and Costs

BSC Party & Party Agent impacts and costs

There will be no impact on BSC or participant systems. The change is a document only change.

BSC Party & Party Agent Impacts	
BSC Party/Party Agent	Impact
Any Party using the Tibco, API or Data Push services	Parties will be able to request the 'AD – RR Activation Data' data as a Tibco' message or through the API or Data Push services

Central impacts and costs

Central impacts

Central Impacts	
Document Impacts	System Impacts
<ul style="list-style-type: none">• NETA IDD part 1 document	<ul style="list-style-type: none">• None

Impact on BSC Settlement Risks

Impact on BSC Settlement Risks
There is no impact on Settlement Risks from this change.

Central costs

The central implementation costs for CP1538 will be less than £1k to implement the document changes.

5 Implementation Approach

Recommended Implementation Date

Elexon recommend implementation on 1 April 2021 as part of the April 2021 BSC Release.

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6 Initial Committee Views

ISG's initial views

The ISG noted:

- That CP1538 had been raised; and
- The progression timetable for CP1538.

There were no questions in relation to CP1538.

7 Industry Views

The CP1538 Assessment Phase Consultation was issued on 7 December 2020, with responses due 6 January 2021. There were no responses to the consultation. This Change Proposal has no direct impact on Parties, as explained in the Impacts and Costs section, and as such, no responses to the Consultation were expected.

8 Recommendations

We invite the **ISG** to:

- **APPROVE** CP1538 for implementation on 1 April 2021 as part of the April 2021 Release.

Appendix 1: Glossary & References

Acronyms

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

Acronyms	
Acronym	Definition
CP	Change Proposal
CPC	Change Proposal Circular
IDD	Interface definition and design
ISG	Imbalance Settlement Group
NETA	New electricity trading arrangements
TERRE	Trans-European Replacement Reserve 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	CP1517 change page	https://www.elexon.co.uk/change-proposal/cp1517/
3	P344 change page	https://www.elexon.co.uk/mod-proposal/p344/