

CP Progression Paper



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

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About This Document

This document provides information on new Change Proposal (CP) CP1538 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 Imbalance Settlement Group (ISG) on 1 December 2020 to capture any comments or questions from Committee Members on this CP 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 CP1538 proposal form.
- Attachment B contains the proposed redlined changes to deliver the CP1538 solution.

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CP1538
CP Progression Paper

18 November 2020

Version 1.0

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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 Tibco users will be able to receive TERRE data and to enable 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 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 systems have already been configured to send 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 ad-hoc 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;
- '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 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).

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 will only become available if the full TERRE process goes ahead; 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. Any Party wishing to receive TERRE data in Tibco messages will be able to configure their systems to receive the messages containing TERRE data.

| 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 receive the 'AD – RR Activation Data Tibco' message or request it 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 expected 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 ad-hoc April 2021 BSC release.

6 Proposed Progression

Progression timetable

The table below outlines the proposed progression plan for CP1538:

| Progression Timetable | |
|-------------------------------------------------------|-----------------------------------|
| Event | Date |
| CP Progression Paper presented to ISG for information | 1 December 2020 |
| CP Consultation | 7 December 2020 – 6 January 2021 |
| CP Assessment Report presented to ISG for decision | 2 February 2021 |
| Proposed Implementation Date | 1 April 2021 (April 2021 Release) |

CP Consultation questions

We intend to ask the standard CP Consultation questions for CP1538. We do not believe any additional questions need to be asked for this CP.

| Standard CP Consultation Questions |
|------------------------------------------------------------------------------|
| Do you agree with the CP1538 proposed solution? |
| Do you agree that the draft redlining delivers the CP1538 proposed solution? |
| Will CP1538 impact your organisation? |
| Will your organisation incur any costs in implementing CP1538? |
| Do you agree with the proposed implementation approach for CP1538? |

7 Recommendations

We invite you to:

- **NOTE** that CP1538 has been raised;
- **NOTE** the proposed progression timetable for CP1538; 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 |
| 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/ |