

**Change Proposal – BSCP40/02**

CP No: 1286

*Version No: 1.0  
(mandatory by BSCCo)*

**Title** *(mandatory by originator)*

BSCP18 Operational Review: Additional flag in Transmission Company's BOAL file to indicate an amended Bid-Offer Acceptance

**Description of Problem/Issue** *(mandatory by originator)*

BSCP18 'Corrections to Bid-Offer Acceptance Related Data' describes the procedure for making corrections to Bid-Offer Acceptance (BOA) related data. This includes erroneous:

- Final Physical Notification (FPN);
- Bid-Offer Data (BOD);
- Quiescent Physical Notification (QPN); and
- Bid-Offer Acceptance Level (BOAL) data.

The process for the Transmission Company submitting BOA related data to the BSC Systems is automated. However, the Settlement Administration Agent (SAA) and Balancing Mechanism Reporting Agent (BMRA) will reject any BOA data if it represents a data correction. Therefore the process for correcting BOA related data is manual.

The Transmission Company submits data corrections to the BSC Systems with the agreement of the affected BSC Parties. The BSC Agent then manually inputs the amended BOA data into the BSC Systems. This manual process causes the following problems:

- It is very time consuming for ELEXON, the BSC Agent and the Transmission Company to manually authorise and process a large volume of data corrections;
- It introduces the risk of human error; and
- It is not transparent – manual data corrections are not published on the BMRS and nor is a TIBCO message generated to inform participants.

Whilst other file types are rarely subject to data corrections, this is a particular problem for the BOAL file.

Two unplanned outages on 6 May 2008 and 17 June 2008 led to a significant number of BOAL corrections (approximately over 150 in each case) and demonstrated that the current processes were inefficient. These inefficiencies led to the Imbalance Settlement Group (ISG) initiating the BSCP18 Operational Review. The Operational Review seeks to identify improvements to the efficiency and effectiveness of the data corrections processes (ISG91/04 and ISG94/05).

One proposed improvement is to allow the BSC Systems to automatically accept amended BOAL files. This would require a change to the Transmission Company's BOAL file and the BSC Systems BOAL loader.

This change would link in to the implementation of Modification P217 which is also changing the BOAL file. To implement P217 the Transmission Company is developing a new file which will contain a flag to identify where a BOA is potentially impacted by a transmission constraint. This new file will be called the Bid-Offer Acceptance Level Flagged (BOALF).

The BSC Agent is already developing the BSC Systems to receive the new BOALF file and has stated that the 'Amended Acceptance Flag' could be incorporated at reduced implementation cost. This is

only the case if the change is implemented alongside P217 in the November 2009 Release. The Transmission Company has also stated that including the change alongside P217 would reduce development cost.

**Proposed Solution** *(mandatory by originator)*

The Transmission Company would develop their new BOALF file to include an ‘amendment flag’. The BOALF file would look as follows:

Record Type	Field	Format	Units	Comments
BOALF	Bid Offer Acceptance Number	Numeric	-	The bid offer acceptance number is an incremental number ranging from 1 to ((2 to the power 31) minus 1), value reset to 1 after maximum is reached.
	Acceptance Time	Date Time	-	
	Deemed Bid Offer Flag	Alphanumeric	-	Either ‘FALSE’ or ‘TRUE’
	<u>[P217]SO-Flag</u>	<u>[P217]Alphanumeric</u>	<u>[P217]-</u>	<u>[P217]Either ‘FALSE’ or ‘TRUE’</u>
	Time from	Date Time	-	
	Acceptance Level from	Numeric	MW	Between –9999 and +9999
	Time to	Date Time	-	
	Acceptance Level to	Numeric	MW	Between -9999 and +9999
	<u>Amended Acceptance Flag</u>	<u>Alphanumeric</u>	<u>-</u>	<u>Either ‘FALSE’ or ‘TRUE’</u>

The BSC Agent would develop the BOALF loader to receive the BOALF file and not reject Amended Acceptance flagged data.

The Balancing Mechanism Reporting Service (BMRS) would publish details of the amended BOA. An additional TIBCO message would be issued to Parties each time a BOA is amended. Changes would be required to the NETA Interface Definition and Design (IDD) Part 2.

In keeping with the P217 Modification Group solution, amendments to the SO-Flag would not be allowed.

**Justification for Change** *(mandatory by originator)*

The proposed change would improve the efficiency and accuracy of the data correction process.

Benefits to BSC Parties include greater transparency and earlier delivery of information regarding changes to BOAL data. Data would be available on the BMRS (including TIBCO) earlier than it appears in the SAA settlement reports.

Implementing this change alongside P217 in the November 2009 Release would reduce the BSC Agent and Transmission Company development cost for this change. The costs of the P217 implementation would be unchanged.

**To which section of the Code does the CP relate, and does the CP facilitate the current provisions of the Code?** *(mandatory by originator)*

Section U Section 2.5 states that ‘Up to the date of the relevant initial run in relation to a Settlement Day, a relevant BSC Agent or relevant Party may adjust or revise any settlement data, subject to paragraph 2.5.3, [which sets out the relevant conditions] where it appears to the relevant BSC Agent or relevant Party that there is a settlement error (as defined in Section W).’

CP1286 would better facilitate the above provision. BOAL files would be updated without the need for inefficient and potentially error prone manual processes. And, by issuing the updates of the BMRS and via a TIBCO message, the proposed process would also be more transparent to Parties.

**Estimated Implementation Costs** *(mandatory by BSCCo)*

The estimated ELEXON cost is 2.5 man days or £550.

The BSC Agent estimated implementation cost for CP1286 is zero if implemented alongside P217 in the November 2009 Release.

**Configurable Items Affected by Proposed Solution(s)** *(mandatory by originator)*

NETA Interface Definition and Design Part 2  
BMRA User Requirements Specification  
SAA User Requirements Specification

**Impact on Core Industry Documents or System Operator-Transmission Owner Code** *(mandatory by originator)*

BMRA & SAA Interface Specification

**Related Changes and/or Projects** *(mandatory by BSCCo)*

P217 ‘Revised Tagging Process and Calculation of Cash Out Prices’  
CP1283 ‘Revisions to data correction processes in BSCP18’

**Requested Implementation Date** *(mandatory by originator)*

November 2009 Release

**Reason:**

Implementing this change alongside P217 in the November 2009 Release would reduce the BSC Agent and Transmission Company development cost to zero.

**Version History** (*mandatory by BSCCo*)

CP1286 was raised and issued for impact assessment on 3 April 2009.

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Attachments: Yes

CP1286 Attachment A – Proposed redline changes to NETA Interface Definition and Design Part 2