Change Proposal – F40/01 (Page 1 of 2)	CP No: 632 *(mandatory by BSCCo)*

Title *(mandatory by originator)* **Changes to the SAA URS**

Description of Change *(mandatory by originator)*

This Change Proposal has been raised to address inconsistencies initially identified by the NETA Programme and subsequently reviewed by ELEXON. (IRP CP026). The following all relate to inconsistencies between BSC Code v.1.1 section T and the SAA URS v.2.4.

Inconsistency 375 URS_SAA_4
Code uses 'BM Unit metered volumes for suppliers'. The URS has 'Allocated supplier volumes'. Meaning is the same but the different terminology could be confusing.

Inconsistency 385 URS_SAA_14
When establishing bid offer ranges, Code section T 3.5.2(b) states that where the bid offer pair number is less than zero (n<0) then $BOLR^n_{ij}(t)$ has two possible values, depending on $FPN_{ij}(t)$. The URS SAA-F005 part 3 has the same values for BOLR but the condition is for when n<1.

Inconsistency 387 URS_SAA_16
Code T 3.6.1 lists the two equations for determination of Accepted Bid-Offer Volume, $qABOkn_{ij}(t)$. In the Code, the second qA_{ij} term has a superscript of k-1 for both equations (i.e. qA^{k-1}_{ij}). The URS section SAA-F005 part 5 just has qA^{k-}_{ij}.

Inconsistency 392 URS_SAA_21
Code sections T 4.1.1 and 4.1.2 give details of the treatment of BM Units in settlement calculations. 4.1.1 defines the BM Unit metered volume, QM_{ij} in the form of the equation $QM_{ij} = IMV_i - \Sigma_i QM_{ij}$, whereas the URS gives a verbal definition. In addition, the Code uses the term 'Interconnector User BM Unit Metered Amounts' whereas the URS has the term 'Deemed Metered Volumes for Interconnector Users'.

Inconsistency 393 URS_SAA_22
In 4.1.2, the Code goes on to say that if QM_{ij} is positive, then it is a production BM Unit metered volume, and if negative, the value is a consumption volume. SAA-F010 does say that there are two metered volumes, consumption and production, but does not explain the way this is defined by the value of QM_{ij}.

Inconsistency 394 URS_SAA_23
Code T, 4.1.2 states that in each case (QM_{ij} being positive or negative) if one BM Unit has a metered volume, the other shall be zero. This is not explained in the URS.

Inconsistencies 414 & 415 URS_SAA_43 & 44
Section 4.9.1 of Code T gives the System Operator BM Cashflow and quotes the equation

$$CSOBM_j = TCBM_j - TCND_j$$

The URS section F016 calls this the System Operator BM Charge, and has two extra terms in the equation, such that:

$$CSOBM_j = TCBM_j - TCND_j – (TQEI_j \times SORP_j).$$

Inconsistency 426 URS_SAA_55

Code section T, 5.3.3b lists amongst the information sent to Trading Parties, the Daily BM Unit Cashflow. SAA-I013 uses the term 'BM Payments'.

Inconsistency 386 URS_SAA_15

SAA-F005 part 3 contains a process whereby the SO can extend Bid Offer ranges to MEL and MIL if they do not reach them for any time t. The Code section T 3.4 discusses Bid Offer ranges but makes no mention of MEL and MIL.

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

Inconsistency 375 URS_SAA_4

Change URS to read 'BM Unit metered volumes for suppliers'.

Inconsistency 385 URS_SAA_14

The $n<1$ in the SAA URS should be changed to $n<0$.

Inconsistency 387 URS_SAA_16

The superscripts in the two equations should be amended to 'k-1'.

Inconsistency 392 URS_SAA_21

Although the URS does describe the equation verbally, the mathematical form should be added to the URS to make clear which terms are being defined. The references to 'Interconnector deemed metered amounts' in SAA-F010 should be changed to 'Interconnector User BM Unit metered volumes', as this terminology is out of date and no longer consistent with the Code.

Inconsistency 323 URS_SAA_22

SAA-F010 should be amended to make clear that if QM_{ij} is positive then it is a production BM Unit metered volume. If negative, it is a consumption BM Unit metered volume.

Inconsistency 394 URS_SAA_23

SAA-F010 should be amended to include a note at the end to say that if one of the BM Units (consumption or production) has a metered volume, then the other must be zero.

Inconsistencies 414 & 415 URS_SAA_43 & 44

The URS should be changed so the term 'Cashflow' is used rather than 'Charge'. The two extra terms in the URS' equation for this cashflow should then be removed to make it consistent with the Code.

Inconsistency 426 URS_SAA 55

Change SAA-I013 so the term 'BM Unit Cashflow' is used rather than 'BM Unit Payments' in order to make the URS consistent with the Code.

Inconsistency 386 URS_SAA_15

SAA-F005 part 3 should be altered to include the Bid Offer extension procedures detailed in section T 3.4 if the BSC Code.

Justification for Change *(mandatory by originator)*

To remove inconsistencies between section T of the BSC Code v.1.1 and the SAA URS v.2.4.

Other Configurable Items Potentially Affected by Proposed Solution(s) *(optional by BSCCo)*

Impact on Core Industry Documents *(optional by originator)*
Related Changes and/or Projects *(mandatory by BSCCo)*
Originator's Details: *BCA Name*…Inconsistency Review Project………………… *Organisation*…ELEXON…………………………………….. *Email Address*…………………………………………….... *Date*………12th June 2001……………………………………… *Organisation*…………………………………………………