

Change Proposal – F40/01 (Page 1 of 2)	CP No: 921 <i>(mandatory by BSCCo)</i>
<p>Title <i>(mandatory by originator)</i> Changes to Ensure Correct Processing of MIL/MEL Messages by BMRS</p>	
<p>Description of Change <i>(mandatory by originator)</i> A problem has been identified with processing of Maximum Import Limit (MIL) and Maximum Export Limit (MEL) data by BMRS, which can potentially lead to correct data being overwritten by out-of-date data, and hence to errors in the MIL/MEL data reported to Parties.</p> <p>There are two types of MIL and MEL files that are sent by NGC – the initial values which arrive just after Gate Closure and contain values for all BM Units for the Gate Closure Settlement Period only; and MIL/MEL Re-declarations for individual BM Units, which can contain values for any period from Gate Closure to the current period.</p> <p>Because it can take longer for a Gate Closure file to be constructed by NGC than for a Re-declaration, a Re-declaration file which is received by NGC just after Gate Closure can be received by the BMRS before the Gate Closure file to which the Re-declaration applies. When a Re-declaration file is received by the BMRS before the corresponding Gate Closure file has been processed, the Re-declaration file can be overwritten by the Gate Closure file and the data lost.</p> <p>This Change Proposal supersedes CP 855 which was withdrawn as the initial proposal required a change to Table 1 in Annex V-1 of the BSC. This table states the frequency with which data is to be available on the BMRS and states that changes to MEL and MIL data will be processed 'as received' by BMRS. This table is referenced by Paragraph 2.2.2 (b) of Section V of the BSC.</p>	
<p>Proposed Solution(s) <i>(mandatory by originator)</i></p> <p>Review comments for the old CP suggested that NGC simply send the Gate Closure and Re-declaration files in the correct order. NGC have stated that it is not practical to simply send files in the correct order as they are generated by 2 separate systems with Gate Closure files coming from the EDT system and Re-declarations of MIL/MEL coming from EDL. As a result an alternative way forward has been suggested to ensure that the files are processed in the correct order by the BMRS.</p> <p>Currently NGC timestamps all data received with a 'Notification Date/Time' when they receive it from the BM Units. It is proposed that this additional field is added to the MIL/MEL interface, and the BMRA software changed to make use of this field to prevent data being incorrectly overwritten.</p> <p>It is proposed that the BMRA will continue to process files in order of receipt, which means that a Gate Closure file may be processed after a subsequent Re-declaration. However, the process that loads Gate Closure MIL/MEL data will be changed to ignore any MIL/MEL data which has been superseded by a subsequent Re-declaration (i.e. one with a later NGC 'Notification Date/Time') that is already on the database.</p>	

This revised Change Proposal does not require a change to the BSC, because Central Services will continue to process files as received.

There are no other data types which require similar processing, because only the MIL/MEL data has the twin EDL and EDT sources

In summary, it is proposed that the following changes are incorporated

NGC

Changes to systems to add a new 'Notification Date/Time' field to the MIL/MEL interface.
Updates to BMRA & SAA Interface Specification document.

LOGICA

Software change to process MIL/MEL files received from NGC using the NGC 'Notification Date/Time' field, as described above.

ELEXON

Possible changes to Logica Service Levels to allow for further time to process MIL and MEL files if appropriate.

Justification for Change (*mandatory by originator*)

Preventing the loss of MIL and MEL Re-declarations and an improvement in BMRS data quality.

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*)

None

Originator's Details:

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Date : 5/2/3

Attachments: N