

Redlined NETA Interface Definition and Design (IDD): Part 2 for P297 ‘Receipt and Publication of New and Revised Dynamic Data Items’.

The Modification proposes changes to NETA IDD Part 2, section 5.1.

We have redlined these changes against Version 28.0

5 Interfaces From and To System Operators

5.1 BMRA-I002: (input) Balancing Mechanism Data

Interface ID: BMRA-I002	Source: System Operators	Title: Balancing Mechanism Data	BSC Reference: See verification table, P71, CP921, Variation 60, CP1223, P217
Mechanism: Electronic data file transfer, NGC File Format	Frequency: Continuous (as made available from SO)	Volumes:	

The Balancing Mechanism data consists of the following files, as defined in the NGC tab of the IDD Part 2 Spreadsheet

Gate Closure Data:

- Physical Notification File (PN)
- Quiescent Physical Notification File (QPN)
- Bid-Offer Data File (BOD)

Declaration Data

- Maximum Export Limit File (MELS)
- Maximum Import Limit File (MILS)
- ~~Run Up Rate Export File (RURE)~~
- ~~Run Up Rate Import File (RURI)~~
- ~~Run Down Rate Export File (RDRE)~~
- ~~Run Down Rate Input File (RDRI)~~
- Notice to Deviate From Zero File (NDZ)
- Notice to Deliver Offers File (NTO)
- Notice to Deliver Bids File (NTB)
- Minimum Zero Time File (MZT)
- Minimum Non-Zero Time File (MNZT)
- ~~Stable Export Limit File (SEL)~~
- ~~Stable Import Limit File (SIL)~~
- Maximum Delivery Volume File (MDV)
- Maximum Delivery Period File (MDP)

The Data items below are defined in the BMRA & SAA Interface Specification document:

- Last Time to Cancel Synchronization (LTCS)
- Run Up Rate Export File (RURE)
- Run Up Rate Import File (RURI)
- Run Down Rate Export File (RDRE)
- Run Down Rate Import File (RDRI)
- Stable Export Limit File (SEL)
- Stable Import File (SIL)

For Settlement Dates prior to the P217 effective date this flow shall also include:

Acceptance and Balancing Services Data

- Bid-Offer Acceptance Level File (BOAL)
- BM Unit Applicable Balancing Services Volume (QAS)

For Settlement Dates after and including the P217 effective date this flow shall also include:

Acceptance and Balancing Services Data

- Bid-Offer Acceptance Level Flagged File (BOALF)
- BM Unit Applicable Balancing Services Volume (QAS)

Physical Interface Details: Further clarification of the content of the input data from the SO is given below:
FPN (& QPN) data will arrive as pairs of points, each pair will have a from & to level and a from & to time

There will ALWAYS be a pair starting at the beginning of a settlement period
There will ALWAYS be a pair ending at the end of a settlement period
pairs will not overlap

If there is more than one pair for a settlement period, the end time of one pair will be the start time of another (but with possibly different levels to indicate a step function)

Bid-Offer values will arrive as pairs of points, each pair will have a from & to level and a from & to time

For day 1, the from & to level will be the same
the level is relative - i.e. it is the width of the current band, so for BO set 1 the level is the increase from FPN; for set 2 the level is the increase from FPN + level 1

Bid-Offer acceptances are absolute.

The records will be ordered by BM Unit and within this by date / time. For Bid-Offer Acceptances (BOA), the SO initially intends to send each BOA in a separate file. The BOAL records within the file will be ordered according to date / time. Note that the SO reserves the right to include multiple BOAs per file; in this case, the records will be ordered by BM Unit, acceptance time and BOAL date / time.

QAS can be positive or negative and is normally only provided where there is a non-zero volume.

Maximum Import and Export Limit Files can be one of two possible formats: MIL /MEL or MILS/MELS. The MILS and MELS files contain additional information, in the form of a timestamp and a sequence number, which is used to ensure that the data stored and published to parties is correct irrespective of the order in which the data is received. Note: the MEL/MIL format files were operationally discontinued since CP921