

Document Change Record	Reference and Version:	See file name in header See below for change history	<i>Document references are allocated by NETA Design authority.</i>
	Status:	1	<i>1--Draft Change; 2-Change For Review; 3-Change Accepted; 4-Change Applied; 5-Updated Document Awaiting Review; 6-Updated Document Approved</i>
	Acceptance document reference:		<i>Reference of letter or email from client accepting change (required to progress status to 3)</i>
	Related Change Record(s):		<i>Earlier change records which affect the same parts of the document this change relates to</i>
Change notice	Reference:	CP1223	<i>Identification of document leading to this change</i>
Baseline Document	Reference and title:	Interface Specification Part 2	<i>Logica file reference & title</i>
	Apply to Version:	20.0	<i>Last released version - should be an integer</i>
	Included in Version:		<i>Version incorporating the changes described in this document - set when status reaches 4</i>

Change History

version	date	comments	author
0.1	06/11/07	First draft	ELEXON

Review (use where comments submitted as mark-up)

date	reviewer name	reviewer signature

Description of change:

3.1.5 SAA Interfaces [\[CP1223\]](#)

Agent-id	Name	Dir'n	User	Type
SAA-I003	Balancing Mechanism Data	from	BMRA	Electronic data file transfer
SAA-I007	BM Unit Allocated Demand Volume	from	SVAA	Electronic data file transfer, Pool Transfer File Format
SAA-I010	BSCCo Ltd Costs	from	BSCCo Ltd	Electronic data file transfer
SAA-I011	Payment Calendar Data	from	FAA	Manual
SAA-I013	Credit/Debit Reports	to	FAA	Electronic data file transfer
SAA-I013	Credit/Debit Reports	to	ECVAA (I033)	Electronic data file transfer
SAA-I014	Settlement Report	to	SO	Electronic data file transfer
SAA-I014	Settlement Report	to	BSCCo Ltd	Electronic data file transfer
SAA-I016	Settlement Calendar	to	CDCA (I016)	Via shared database
SAA-I019	BSC Party Performance Reports	to	BSCCo Ltd	Electronic data file transfer
SAA-I020	SAA Performance Reports	to	BSCCo Ltd	Manual
SAA-I023	System Parameters	from	BSCCo Ltd	Manual
SAA-I024	Response to Payment Calendar Data	to	FAA	Manual
SAA-I025	SAA BSC Section D Charging Data	to	BSCCo Ltd	Electronic data file transfer
SAA-I026	Price Adjustment Data	from	SO	Automatic
SAA-I027	Report pre-settlement run validation failure	to	BSCCo Ltd	Manual
SAA-I028	Receive settlement run decision	from	BSCCo Ltd	Manual
SAA-I029	Receive settlement run instructions	from	BSCCo Ltd	Manual
SAA-I031	Receive Market Index Data Provider Thresholds	From	BSCCo Ltd	Manual
SAA-I032	Report Market Index Data Provider Thresholds	to	BSCCo Ltd	Manual
SAA-I033	Receive Request for Data Change	from	SO	Manual
SAA-I034	Report Recommended Data Change	to	BSCCo Ltd	Manual
SAA-I035	Receive Instruction for Data Change	from	BSCCo Ltd	Manual
SAA-I036	Report Confirmation of Data Change	to	BSCCo Ltd	Manual
SAA-I037	Withdrawing Party Settlement Details	to	CRA (I046)	Manual
SAA-I038	Excluded Emergency Acceptance Pricing Information	from	BSCCo Ltd	Manual
SAA-I039	Send Excluded Emergency Acceptance Dry Run Results	to	BSCCo Ltd	Manual
SAA-I040	Receive Authorisation To Proceed With Full Settlement Run	from	BSCCo Ltd	Manual

3.2.2 FAA Interfaces [\[CP1223\]](#)

Dir'n	User	Agent-id	Name	Type
from	FAA	CRA-I004	BSC Service Agent Details	Manual
to	FAA	CRA-I013	Issue Authentication Report	Electronic data file transfer
to	FAA	CRA-I015	BM Unit and Energy Account Registration Data	Electronic data file transfer
from	FAA	CRA-I034	Flexible Reporting Request	Manual
from	FAA	ECVAA-I006	Credit Limit Data	Electronic data file transfer
to	FAA	ECVAA-I016	ECVAA Data Exception Report	Electronic data file transfer
to	FAA	ECVAA-I025	Credit Cover Minimum Eligible Amount Report	Manual
from	FAA	SAA-I011	Payment Calendar Data	Manual
to	FAA	SAA-I013	Credit/Debit Reports	Electronic data file transfer
to	FAA	SAA-I024	Response to Payment Calendar Data	Manual

3.2.3 System Operator Interfaces [\[CP1223\]](#)

to	SO	CRA-I014	Registration Report (Part 1)	Electronic Data File Transfer
to	SO	CRA-I020	Operations Registration Report	Electronic data file transfer
to	SO	CRA-I028	NGC Standing Data Report	Electronic data file transfer
from	SO	CRA-I034	Flexible Reporting Request	Manual
to	SO	SAA-I012	Dispute Notification (Part 1)	Manual
to	SO	SAA-I014	Settlement Report	Electronic data file transfer
to	SO	SAA-I017	SAA Data Exception Report (Part 1)	Electronic data file transfer
to	SO	SAA-I018	Dispute Report (Part 1)	Manual

3.2.1 BSCCo Ltd Interfaces [\[CP1223\]](#)

from	BSCCo Ltd	ECVAA-I049	Request to remove all ECVNs and MVRNs from ECVAA for a Party in Section H Default	Manual
to	BSCCo Ltd	ECVAA-I050	Remove all ECVNs and MVRNs from ECVAA for a Party in Section H Default Feedback	Manual
from	BSCCo Ltd	SAA-I010	BSCCo Ltd Costs	Electronic data file transfer
from	BSCCo Ltd	SAA-I012	Dispute Notification (Part 1)	Manual
to	BSCCo Ltd	SAA-I014	Settlement Report	Electronic data file transfer
To	BSCCo Ltd	SAA-I016	Settlement Calendar (Part 1)	Manual
to	BSCCo Ltd	SAA-I018	Dispute Report (Part 1)	Manual
to	BSCCo Ltd	SAA-I019	BSC Party Performance Reports	Electronic data file transfer
to	BSCCo Ltd	SAA-I020	SAA Performance Reports	Manual
from	BSCCo Ltd	SAA-I023	System Parameters	Manual
To	BSCCo Ltd	SAA-I025	SAA BSC Section D Charging Data	Electronic data file transfer
To	BSCCo Ltd	SAA-I027	Report pre-settlement run validation failure	Manual
From	BSCCo Ltd	SAA-I028	Receive settlement run decision	Manual
From	BSCCo Ltd	SAA-I029	Receive settlement run instructions	Manual
from	BSCCo Ltd	SAA-I031	Receive Market Index Data Provider Thresholds	Manual
to	BSCCo Ltd	SAA-I032	Report Market Index Data Provider Thresholds	Manual
to	BSCCo Ltd	SAA-I019	BSC Party Performance Reports	Electronic data file transfer
to	BSCCo Ltd	SAA-I020	SAA Performance Reports	Manual
from	BSCCo Ltd	SAA-I023	System Parameters	Manual
To	BSCCo Ltd	SAA-I025	SAA BSC Section D Charging Data	Electronic data file transfer
To	BSCCo Ltd	SAA-I027	Report pre-settlement run validation failure	Manual
From	BSCCo Ltd	SAA-I028	Receive settlement run decision	Manual
From	BSCCo Ltd	SAA-I029	Receive settlement run instructions	Manual
from	BSCCo Ltd	SAA-I031	Receive Market Index Data Provider Thresholds	Manual
to	BSCCo Ltd	SAA-I032	Report Market Index Data Provider Thresholds	Manual

5.1 BMRA-I002: (input) Balancing Mechanism Data

Interface ID: BMRA-I002	Source: System Operators	Title: Balancing Mechanism Data	ITT reference: See verification table, P71, CP921, Variation 60, <u>CP1223</u>
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 [NGCSPEC] (to be agreed):

- Gate Closure Data:
 - Physical Notification File (PN)
 - Quiescent Physical Notification File (QPN)
 - Bid-Offer Data File (BOD)
- Acceptance and Balancing Services Data
 - Bid-Offer Acceptance Level File (BOAL)
 - BM Unit Applicable Balancing Services Volume (QAS)
- Declaration Data
 - ~~Maximum Export Limit File (MEL)~~
 - ~~Maximum Import Limit File (MIL)~~
 - 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)

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.~~

5.4 BMRA-I014: (input) Price Adjustment Data

Interface ID:	Source:	Title:	ITT reference:
BMRA-I014	SO	Price Adjustment Data	P8, P78, CP1223
Mechanism:	Frequency:	Volumes:	
Automatic	continuous	Each file will typically contain the data for one Settlement Date (a file may contain data for a single period, or covering multiple dates). Data for each Settlement Period will normally appear in 2-4 files.	
Interface Requirement:			
The BMRA Service shall receive the following system parameter data from the SO via an automatic interface. For Settlement Days prior to the P78 effective date, this flow shall include:			
Settlement Date			
Settlement Period (1-50)			
BCA_i (Buy-price Cost Adjustment)			
BVA_i (Buy-price Volume Adjustment)			
BPA_i (Buy-price Price Adjustment)			
SCA_i (Sell-price Cost Adjustment)			
SVA_i (Sell-price Volume Adjustment)			
SPA_i (Sell-price Price Adjustment)			
For Settlement Days after, and including the P78 effective date, this flow shall include:			
Settlement Date			
Settlement Period (1-50)			
EBCA_i (Net Buy-Price Cost Adjustment)(Energy)			
EBVA_i (Net Buy-Price Volume Adjustment)(Energy)			
SBVA_i (Net Buy-Price Volume Adjustment)(System)			
BPA_i (Buy-Price Price Adjustment)			
ESCA_i (Net Sell-Price Cost Adjustment)(Energy)			
ESVA_i (Net Sell-Price Volume Adjustment)(Energy)			
SSVA_i (Net Sell-Price Volume Adjustment)(System)			
SPA_i (Sell-Price Price Adjustment)			
Physical Interface Details:			

6.9 SAA-I024: (output) Response to Payment Calendar Data [CP1223]

Interface ID: SAA-I024 <i>EPFAL Ref: FAA-I024</i>	User: FAA	Title: Approval of Payment Calendar Data	ITT reference:
Mechanism: Manual, probably fax	Frequency: Annual	Volumes: 1 per year.	
<p align="center">Interface Requirement:</p> <p>An authorised signatory from the SAA Service shall annually approve the Payment Calendar which it received from the FAA Service in SAA-I011. (The BSC Co also approves the Payment Calendar).</p>			

7.40 SAA-I010: (input) BSCCo Ltd Cost Data [CP1223]

Interface ID: SAA-I010	Source: BSCCo Ltd	Title: BSCCo Ltd Cost Data	ITT reference: SAA-SD: 2.6 SAA-BPM: 3.16, 4.12, CP527
Mechanism: Electronic data file transfer	Frequency: Monthly/ Annual	Volumes:	
<p align="center">Interface Requirement:</p> <p>The SAA Service shall receive forecast BSCCo Ltd Costs monthly and actual BSCCo Ltd Costs annually from BSCCo Ltd.</p> <p>The BSCCo Ltd Cost data shall include:</p> <p><u>Forecast Costs:</u> _____</p> <p>_____ Settlement Date _____</p> <p>_____ BSCCo Ltd Forecast Cost (£) _____</p> <p><u>Total Actual Costs:</u> _____</p> <p>_____ Year _____</p> <p>_____ BSCCo Ltd Actual Cost (£) _____</p>			

10.1 CRA-I023: Issue Registration Transfer Report

Interface ID: CRA-I023	User: SMRA Transfer Coordinator	Title: Issue Registration Transfer Report	ITT reference: CRA SD 11.2, CP753, CP1223
Mechanism: Manual	Frequency: On Change of Status	Volumes: Low	
Interface Requirement:			
<p>On completion of entry of confirmed updates resulting from a transfer of metering system(s) to or from SMRA, the GDGA-CRA shall issue a report to the Transfer Coordinator detailing the data entered.</p> <p><u>Metering System registration details</u> Metering System Identifier Meter Operator Agent ID Effective from date Effective to date</p> <p><u>BM Unit details</u> BM Unit ID Effective from date Effective to date <u>SVA metering system identifiers</u> SVA MSID (as supplied with CRA-I005)</p>			
Physical Interface Details:			
<p>The report is a copy of data held on the database for each item. Note that SVA MSIDs as specified in CRA-I005 are not entered on the database and so, where this is available, a copy of the original CRA-I005 flow as received will form part of this report.</p>			