

Appendix 1 - Document change record

<i>Document Change Record</i>	Reference and Version:	00-18050126 <i>version as per file name in header</i>	<i>Document references are allocated by NETA Document control.</i>
	Status:	1	1-Draft Change; 2-Change For Review; 3-Change Accepted; 4-Change Applied; 5-Updated Document Awaiting Review; 6-Updated Document Approved
	Acceptance document reference:		Reference of letter or email from client accepting change (required to progress status to 3)
	Related Change Record(s):		Earlier change records which affect the same parts of the document this change relates to
Change notice	Reference:	None. This DCR is intended to form the body of a CP in due course	Identification of document leading to this change
Baseline Document	Reference and title:	07-550201 IDD part 1 07-550202 IDD part 2	Logica file reference & title
	Apply to Version:	5.0 part 1 5.0 part 2	Last released version
	Included in Version:		Version incorporating the changes described in this document

OR4896 Help Desk call raised by ELEXON March 2001

In section 2.2.3 of the IDD, the list of valid characters includes ' and " but due to the wonders of Word these have both been transformed into the open quote format.

This has caused confusion to ELEXON who have objected to a ' in a trading unit name.

SOLUTION: change to straight quotes and add ASCII values alongside

OR 5026 post UPP update required to align IDD with final BSCP 38

In section 2.2.11.1 of the IDD, the list of activity codes should be updated to:

- A Authorise other individuals for activities requiring an authorised signature
- B Accept or reject estimated or substitute data as provided by the CDCA

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- C Party or MOA to witness AND confirm meter readings taken by the CDCA
- D Party or MOA seeking approval to do planned work on Meter or notify broken seals
- E Party to raise change or note any impacts of a proposed change to standing data
- F Register/deregister BM Units, register estimates of Demand/Generation Capacities
- G Party or MOA register/deregister, appoint MOA, ok/object to Meter Sys registrant
- H Register meter technical data, confirm equipment installation, proving test data
- I Party notifying acceptance of site visit
- J Applicant Party to register as a Party AND to change their own Party details
- K Sign ECVNA AND MVRNA Authorisation Requests AND terminate such requests
- L Lead Parties to submit Meter Aggregation Rules
- M Amend report transmissions for non-confidential reports
- N Applicant Parties to register AND amend banking details with the FAA

OR 5033 to allow sending of reports to Ofgem

In IDD sections 2.2.1 and 2.2.11.9:

add new role code "ER" Energy Regulator to allow files to be sent to/from Ofgem

OR 5047 CD03260

In IDD .

clarify that TibCo run-up/run-down rates are broadcast as ZERO where only one or two rates are specified (up to three rates are allowed)

OR 5074 CD03384 CD03810 CD03929

IDD has contradiction in definition of decimals and the handling of numbers between 0 and 1:

it says:

no leading zeros

from 1 to (n-d) digits; optional '.' + up to d digits

"0.123" and ".123" are both legal

"0", "0." and "0." are legal representations of zero

Suggest expanding the contradictory statements to cover this case

OR 5164 CD4737

Section 4.4.5.8 (and others like it) need to be amended to state that the data that can be republished is not just that which is still in the future, but back to the beginning of the current day.

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The file header will be a record containing the following fields:

AAA-File Header			
Field	Field Name	Type	Comments
1	Record Type	Text(3)	= AAA

2.2.1 File Header

2	File Type	Text(8)	5 character type plus 3 character version
3	Message Role	char	'D' Data or 'R' Response
4	Creation Time	datetime	Date/Time file was created. Specified in GMT. (For Response messages this field contains the Creation Time of the message being replied to)
5	From Role Code	Text(2)	
6	From Participant ID	Text(8)	
7	To Role Code	Text(2)	
8	To Participant ID	Text(8)	
9	Sequence Number	integer(9), rolling over from 999999999 to 0	A separate Sequence Number is used for each From Role Code / From Participant ID / To Role Code / To Participant ID combination. NB numbers used must be contiguous so recipients can detect missing files. See section 2.2.8 for more details of the use of Sequence Number. (For Response messages this field contains the Sequence Number of the message being replied to)
10	Test data flag	Text(4)	Indicates whether this file contains test data =OPER or omitted for operational use, other values for test phases

Either field 6 or field 8 will be the Participant ID of the NETA Central Systems in every case.

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The possible values for role code are

- 'BM' (BMRA)
- 'BC' (BSCC Limited)
- 'BP' (BSC Party)
- 'CD' (CDCA)
- 'CR' (CRA)

2.2.3 Record Formats

- 'DB' (Distribution Business)
- 'EC' (ECVAA)
- 'EN' (ECVNA)
- 'ER' (Energy Regulator) [OR5033]
- 'FA' (FAA)
- 'IA' (Interconnector Administrator)
- 'MO' (Meter Operator Agent)
- 'MV' (MVRNA)
- 'PA' (BSC Party Agent)
- 'SA' (SAA)
- 'SG' (BSC Service Agent)
- 'SO' (System Operator)
- 'SV' (SVAA)

This is a subset of the domain 'Organisation Type' defined in section 2.2.11.9, containing only those organisation types which send or receive electronic data files. Considering flows to BSC Parties: when a party receives a file because it is a Distribution Business, the To Role Code will be 'DB'; when it receives a file because it is an Interconnector Administrator, the To Role Code will be 'IA'; in all other cases, the To Role Code will be 'BP'.

Message Role is used for handling receipt acknowledgement, and is further described in Section **Error! Reference source not found.**

Each record in the file is presented as follows:

<record type><field separator><field>[...]<field separator><record delimiter>

Where:

- record type : 3 characters
- record delimiter : Line Feed (ASCII 10)

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- field separator: “|” (ASCII 124)

NB field separator will thus appear at end of record (i.e. after last field), prior to the linefeed

A record of n fields will have $n+1$ field separators.

Data fields are presented as follows:

type	rules
integer (n)	optional leading “-” for negative numbers no leading zeros maximum n digits <i>field may have “-” and from 1 to n digits</i>
decimal (n,d)	[OR5074] n must be greater than or equal to d optional leading “-” for negative numbers no leading zeros, except where value is between -1 and 1 when number may have a single leading zero and value of zero where number is “0.” e.g, 0.123 and .123 are both valid for decimal (5,3) no trailing zeros maximum n digits maximum d digits after decimal point maximum (n-d) digits before decimal point, except where n=d, then number may start with “0.” <i>field may have “-”; from 0 to (n-d) digits; and optionally “.” and up to d digits.</i> Thus the maximum field width is n+2 in the case of a negative value, except for the special case of n=d, where the maximum field width is n+3 including the leading zero. e.g.: -123.456 is decimal (6,3) -0.123 is a decimal (3,3)
text (n)	up to n characters field may not contain field separator no leading spaces no trailing spaces
boolean	T or F
date	YYYYMMDD
time	HHMM
timestamp	HHMMSS
datetime	YYYYMMDDHHMMSS
char	single character
null	if a field is no longer needed in a future version of a flow, then its data type will be defined to be null, meaning that its value is always null

Text and char fields may contain only the following characters:

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Character	ASCII value
<i>space</i>	32
!	33
"	34
#	35
%	37
&	38
'	39
(40
)	41
*	42
+	43
,	44
-	45
.	46
/	47
0 to 9	48 to 57
:	58
;	59
=	61
?	63
@	64
A to Z	65 to 90
[91
\	92
]	93
^	94
_	95
a to z	97 to 122
{	123
}	125

Optional fields are permitted to have nothing between the field separators.

2.2.11.2 Activity

[OR5026]

BSC Party Authorisation Levels activity codes:

Code Meaning

- A Authorise other individuals for activities requiring an authorised signature
- B Accept or reject estimated or substitute data as provided by the CDCA
- C Party or MOA to witness AND confirm meter readings taken by the CDCA
- D Party or MOA seeking approval to do planned work on Meter or notify broken seals
- E Party to raise change or note any impacts of a proposed change to standing data
- F Register/deregister BM Units, register estimates of Demand/Generation Capacities
- G Party or MOA register/deregister, appoint MOA, ok/object to Meter Sys registrant
- H Register meter technical data, confirm equipment installation, proving test data

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- I Party notifying acceptance of site visit
- J Applicant Party to register as a Party AND to change their own Party details
- K Sign ECVNA AND MVRNA Authorisation Requests AND terminate such requests
- L Lead Parties to submit Meter Aggregation Rules

BSC Party Agent Authorisation Levels activity codes:

Code Meaning

- M Amend report transmissions for non-confidential reports
- N Applicant Parties to register AND amend banking details with the FAA

2.2.11.9 Organisation Type

One of the values:

- 'BM' (BMRA)
- 'BC' (BSCC Limited)
- 'BP' (BSC Party)
- 'CD' (CDCA)
- 'CR' (CRA)
- 'DB' (Distribution Business)
- 'EC' (ECVAA)
- 'EN' (ECVNA)
- 'ER' (Energy Regulator) [OR5033]
- 'FA' (FAA)
- 'HA' (Half Hourly Data Aggregator)
- 'HC' (Half Hourly Data Collector)
- 'IA' (Interconnector Administrator)
- 'IE' (Interconnector Error Administrator)
- 'MA' (Meter Administration Agent)
- 'MO' (Half Hourly Meter Operator Agent)
- 'MS' (Supplier Meter Administration Agent)
- 'MV' (MVRNA)
- 'NA' (Non Half Hourly Data Aggregator)
- 'NC' (Non Half Hourly Data Collector)
- 'NO' (Non Half Hourly Meter Operator Agent)
- 'PA' (BSC Party Agent)
- 'SA' (SAA)
- 'SG' (BSC Service Agent)
- 'SM' (SMRA)
- 'SO' (System Operator)
- 'SV' (SVAA)
- 'TA' (TAA)
- 'TG' (Trading Party - Generator)
- 'TI' (Trading Party - Interconnector User)
- 'TN' (Trading Party - Non-physical)
- 'TS' (Trading Party - Supplier)

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4.4.5.5 DF - Demand Forecast

This message contains demand forecast values for every half hour period from the start of the current day to the furthest ahead forecast that has so far been received by the BMRA. Every time an updated forecast is received from NGC, BMRA publishes the data in this message and additionally includes previous forecast values on or after the current day and have not been updated in the latest NGC data set. The Publishing Time field is therefore applicable to each period in the forecast and indicates the time that data for a particular period was last received. The records in the message are ordered by time.

4.4.5.6 MELNGC - Indicated Margin

This message contains margin forecast values for every half hour period from the start of the current day to the furthest ahead forecast that has so far been received by the BMRA. Every time an updated forecast is received from NGC, BMRA publishes the data in this message and additionally includes previous forecast values on or after the current day and have not been updated in the latest NGC data set. The Publishing Time field is therefore applicable to each period in the forecast and indicates the time that data for a particular period was last received. The records in the message are ordered by time.

4.4.5.7 IMBALNGC - Indicated Imbalance

This message contains imbalance forecast values for every half hour period from the start of the current day to the furthest ahead forecast that has so far been received by the BMRA. Every time an updated forecast is received from NGC, BMRA publishes the data in this message and additionally includes previous forecast values on or after the current day and have not been updated in the latest NGC data set. The Publishing Time field is therefore applicable to each period in the forecast and indicates the time that data for a particular period was last received. The records in the message are ordered by time.

4.4.5.8 INDGEN - Indicated Generation

This message contains generation forecast values for every half hour period from the start of the current day to the furthest ahead forecast that has so far been received by the BMRA. Every time an updated forecast is received from NGC, BMRA publishes the data in this message and additionally includes previous forecast values on or after the current day and have not been updated in the latest NGC data set. The Publishing Time field is therefore applicable to each period in the forecast and indicates the time that data for a particular period was last received. The records in the message are ordered by time.

4.4.5.9 INDDDEM - Indicated Demand

This message contains indicated demand forecast values for every half hour period from the start of the current day to the furthest ahead forecast that has so far been received by the BMRA. Every time an updated forecast is received from NGC, BMRA publishes the data in this message and additionally includes previous forecast values on or after the current day and have not been updated in the latest NGC data set. The Publishing Time field is therefore applicable to each period in the forecast and indicates the time that data for a particular period was last received. The records in the message are ordered by time.

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4.4.5.22 RURE - Run Up Rates Export [OR5047]

This messages contains dynamic data, which is published whenever it is received from NGC. The message describes the run up rates of a single BM Unit.

Message Definition

The following table lists the fields that are required in the message.

Field	Field Type	Description of field
Effective From Time	TE	Time that the following U* field values are effective from.
Run up rate 1	U1	
Run up elbow 2	UB	<i>(optional; will be zero if not specified)</i>
Run up rate 2	U2	<i>(optional; will be zero if not specified)</i>
Run up elbow 3	UC	<i>(optional; will be zero if not specified)</i>
Run up rate 3	U3	<i>(optional; will be zero if not specified)</i>

Message Subject Name

BMRA.DYNAMIC.<BM_UNIT>.RURE

4.4.5.23 RURI - Run Up Rates Import [OR5047]

This messages contains dynamic data, which is published whenever it is received from NGC. The message describes the run up rates of a single BM Unit.

Message Definition

The following table lists the fields that are required in the message.

Field	Field Type	Description of field
Effective From Time	TE	Time that the following U* field values are effective from.
Run up rate 1	U1	
Run up elbow 2	UB	<i>(optional; will be zero if not specified)</i>
Run up rate 2	U2	<i>(optional; will be zero if not specified)</i>
Run up elbow 3	UC	<i>(optional; will be zero if not specified)</i>
run up rate 3	U3	<i>(optional; will be zero if not specified)</i>

Message Subject Name

BMRA.DYNAMIC.<BM_UNIT>.RURI

4.4.5.24 RDRE - Run Down Rates Export [OR5047]

This messages contains dynamic data, which is published whenever it is received from NGC. The message describes the run down rates of a single BM Unit.

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Message Definition

The following table lists the fields that are required in the message.

Field	Field Type	Description of field
Effective From Time	TE	Time that the following R* field values are effective from.
Run down rate 1	R1	
Run down elbow 2	RB	<i>(optional; will be zero if not specified)</i>
Run down rate 2	R2	<i>(optional; will be zero if not specified)</i>
Run down elbow 3	RC	<i>(optional; will be zero if not specified)</i>
run down rate 3	R3	<i>(optional; will be zero if not specified)</i>

Message Subject Name

BMRA.DYNAMIC.<BM_UNIT>.RDRE

4.4.5.25 RDRI - Run Down Rates Import [OR5047]

This messages contains dynamic data, which is published whenever it is received from NGC. The message describes the run down rates of a single BM Unit.

Message Definition

The following table lists the fields that are required in the message.

Field	Field Type	Description of field
Effective From Time	TE	Time that the following R* field values are effective from.
Run down rate 1	R1	
Run down elbow 2	RB	<i>(optional; will be zero if not specified)</i>
Run down rate 2	R2	<i>(optional; will be zero if not specified)</i>
Run down elbow 3	RC	<i>(optional; will be zero if not specified)</i>
run down rate 3	R3	<i>(optional; will be zero if not specified)</i>

Message Subject Name

BMRA.DYNAMIC.<BM_UNIT>.RDRI

4.5.8.2 Body Record Run Up Rate Export [OR5047]

Field	Type	Format	Comments
Record Type (RURE)	string		Fixed String "RURE"

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Time	datetime	yyyymmddhh24miss	Ordered by this field first, incrementing
Rate 1	number		
Elbow 2	number		<i>(optional; will be zero if not specified)</i>
Rate 2	number		<i>(optional; will be zero if not specified)</i>
Elbow 3	number		<i>(optional; will be zero if not specified)</i>
Rate 3	number		<i>(optional; will be zero if not specified)</i>

4.5.8.3 Body Record Run Down Rate Export [OR5047]

Field	Type	Format	Comments
Record Type (RDRE)	string		Fixed String "RDRE"
Time	datetime	yyyymmddhh24miss	Ordered by this field first, incrementing
Rate 1	number		
Elbow 2	number		<i>(optional; will be zero if not specified)</i>
Rate 2	number		<i>(optional; will be zero if not specified)</i>
Elbow 3	number		<i>(optional; will be zero if not specified)</i>
Rate 3	number		<i>(optional; will be zero if not specified)</i>

4.5.8.4 Body Record Run Up Rate Import [OR5047]

Field	Type	Format	Comments
Record Type (RURI)	string		Fixed String "RURI"
Time	datetime	yyyymmddhh24miss	Ordered by this field first, incrementing
Rate 1	number		

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Elbow 2	number		<i>(optional; will be zero if not specified)</i>
Rate 2	number		<i>(optional; will be zero if not specified)</i>
Elbow 3	number		<i>(optional; will be zero if not specified)</i>
Rate 3	number		<i>(optional; will be zero if not specified)</i>

4.5.8.5 Body Record Run Down Rate Import [OR5047]

Field	Type	Format	Comments
Record Type (RDRI)	string		Fixed String "RDRI"
Time	datetime	yyyymmddhh24miss	Ordered by this field first, incrementing
Rate 1	number		
Elbow 2	number		<i>(optional; will be zero if not specified)</i>
Rate 2	number		<i>(optional; will be zero if not specified)</i>
Elbow 3	number		<i>(optional; will be zero if not specified)</i>
Rate 3	number		<i>(optional; will be zero if not specified)</i>