

Redlined BSCP533 Appendix A changes for CP1387 'Clarifications to BSCP533 and Appendices'

The CP proposes changes to BSCP533 Appendix A, section(s): 2.1, 2.2, 2.3, 3.1, 4.1, 4.2, 5.5 and 5.17; and removal of Sections 3.2 and 5.23 to 5.32, as no longer used.

No change to Section 1

2. PHYSICAL FILE PRESENTATION

2.1 Media

Data files will be submitted into PARMS by the Data Provider (Supplier, Supplier Agent or BSC Agent) in the form of ASCII files. A separate data file is required for each ~~s~~Serial, although a number of files may be contained in one submission.

2.2 File Naming

An 8-character file naming convention will be used as follows:

- The 1st to 4th characters will be the participant ID of the Data Provider;
- The 5th to 7th will relate to the File Identifier that will be used in the SVA Data Catalogue; and
- The 8th will be the last digit of the year number (e.g. '2' for 2002, '3' for 2003).

The file extension will indicate the month to which the data pertains (JAN, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP, OCT, NOV, DEC).

~~It should be noted that all the file names for a Reporting Period should be for the month 't'.~~

2.3 File Submission and Verification of Output Data

Data Providers should submit PARMS data +(x) WDs after the end of the ~~R~~reporting ~~P~~period as follows:

- Suppliers and Supplier Agents Routine Performance Monitoring Report: +20 WDs;
- SMRAs: +10 WDs; and
- SVAA: +7 WDs

All files will be submitted direct to PARMS by the Data Providers specified in the File Formats. Where there has been no occurrence of an event monitored by a Serial, ~~and the performance data involves a derived value (e.g. an average or percentage)~~ Data Providers should reflect this by using ~~zeros~~nulls in place of the values for each Supplier and GSP Group. ~~Where there has been no occurrence of an event, but appointments exist in for that Supplier and GSP Group combination, Data Providers should reflect this by submitting zero values against all the standards for these combinations. Failure to do so may result in missing data. If no data is provided at all then PARMS will regard the submission as incomplete and apply Supplier Charges if appropriate.~~ The process and timescale for submission is detailed in BSCP533 'PARMS Data Provision Reporting and Publication of Peer Comparison Data'.

Once received, BSCCo will distribute any Supplier-related data to the relevant Suppliers in order to allow them to verify the data submitted by its appointed agents,

particularly where poor performance against a **sSerial** may lead to Supplier Charges. Any queries raised will be dealt with between the Supplier and its Agent, and any resubmission of data should be by the specified Data Provider. (Suppliers can, of course, request that their **Aagents** provide copies of any files submitted to PARMS for checking, but this will not be assumed by BSCCo).

No Change to Section 2.4

3. PHYSICAL FILE FORMATS

3.1 Pool File Format

The majority of the Data Output files will use the Pool file format. In this format, a file contains a number of records, each starting with a three-character identifier and ending with a Record Delimiter character. The first record of each file will be a header; the last a footer. The last record of a physical block will not require a **Record Delimiter**.

Each record contains fields of various types such as text, integer, date and time. The full range is described below:

Type	Format	Example
int (Integer)	ASCII representation, no leading zeros or spaces, leading “-“ if negative (no sign if positive)	-1234 12
dec (Decimal)	ASCII representation. As for Integer, but with a decimal point and fixed number of decimal digits (including trailing zeros) dependent on precision	dec(4,2): -12.34 dec(3,2): 1.20
text	ASCII format, left aligned with trailing spaces stripped. Only includes printable characters excluding the separator	The quick fox
date	ASCII format as: YYYYMMDD	19961216
time	ASCII format as: HHMMSS (24 hour format). Note: both GMT and local time (e.g. British Summertime) will be used and will be indicated as necessary.	131501
date/time	ASCII format as: YYYYMMDDHHMMSS	19961216131501
bol (Boolean)	One ASCII character: T for True, F for False (uppercase only)	T F

A Field Separator character separates each field (**with the exception of the last field of each record**). All fields are mandatory, unless specifically indicated as optional in the ‘comments’ column. A null submission is achieved by omitting any characters between the Field Separators.

All files sent or received by PARMS are structured as follows:

- Header - first record in file - record type = “ZHD”
- Body - other file records
- Footer - last record in file - record type = “ZPT”

For PARMS Output Data, the first record of the file “Body” is a **S**ubject **P**articipant **H**header (record type “SUB”) containing information about the subject **M**arket **P**articipant.

Note that there may be many SUB records (e.g. where a Supplier has a number of **A**gents, or an **a**Agent contracted to many Suppliers, and where the Supplier is operating in more than one GSP Group).

The components of these three standard record types are defined in the following tables:

ZHD - File Header			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= ZHD
2	File Type	text(8)	5 character type (ranges allocated for DTS, pool or internal use) plus 3 character version
3	From Role Code	text(1)	
4	From Participant Id	text(4)	
5	To Role Code	text(1)	‘Z’ (Non-Core - PARMS)
6	To Participant Id	text(4)	‘POOL’
7	Creation Time	date/time	Time file processing was started. Specified in GMT.

SUB - Subject Participant Header			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= SUB
2	Market Sector	text(1)	= H (half hourly) = N (non-half hourly)
3	Market Participant Role Code	text(1)	Role Code of the subject Market Participant
4	Market Participant Id	text(4)	Identifier of the subject Market Participant
5	Period End Date	date	Date of the last calendar day of the period (generally either a month or a quarter) to which the data applies.
6	Periodicity	text(1)	Indicates whether the Period End Date is 'W'weekly, 'M'onthly or 'Q'quarterly.

ZPT - File Footer			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= ZPT
2	Record count	int(10)	Includes header and footer
3	Checksum	int(10)	Although type is shown as int(10) the value is actually a 32-bit unsigned value and hence will fit in an "unsigned long" C variable.

The remaining component of the File is a body record containing the required PARMS information. These will be specific for each Serial and, like the SUB record, will be repeated in situations where, for example, an SMRS or a Supplier Agent is operating in a number of different GSP Groups, or where data is required for a number of different Settlement Run types.

Some files involve the reporting of a data item against a list of Settlement ~~D~~ates, such as for Serial SP07. **In these instances, the dates and the associated data items should be listed in ascending order.**

The character set used is based on the ISO Level B character set and will include the following characters:

Letters, upper case	A to Z
Letters, lower case	a to z
Numerals	0 to 9
Space character	
Full stop	.
Comma	,
Hyphen/minus	-
Opening parenthesis	(
Closing parenthesis)
Slash	/
Apostrophe	'
Plus	+
Colon	:
Equals	=
Question mark	?
Exclamation mark	!
Quotation mark	"
Percentage sign	%
Ampersand	&
Asterisk	*
Semi-colon	;
Less than	<
Greater than	>
Underscore	_

Field Separator: The vertical bar character '|' will be used as the separator.

Record Delimiter: The Line Feed character (hex "A") or a Carriage Return is used as the delimiter.

3.2 ~~Not Used~~

4. STANDING DATA FILE FORMATS

4.1 DP4 - Data Provider Information

This file provides PARMS with the identities of Supplier Agents that will be providing Output Data for that Supplier in each relevant GSP Group.

ZHD - File Header			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= ZHD
2	File Type	text(8)	= P0135001
3	From Role Code	text(1)	= X (Supplier)
4	From Participant Id	text(4)	= ID of originating Supplier
5	To Role Code	text(1)	= Z (Non-Core - PARMS)
6	To Participant Id	text(4)	= POOL
7	Creation Time	date/time	Date & time of file generation
DPI - Data Provider Information			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= DPI
2	GSP Group	text(2)	
3	Serial reference	text(4)	e.g. HM11, NM11, SP04, etc
4	Data Provider ID	text(4)	
5	Data Provider Role Code	text(1)	
6	Period end date	date	= Calendar date of end of reporting period
ZPT - File Footer			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= ZPT
2	Record count	int(10)	Includes header and footer
3	Checksum	int(10)	Although type is shown as integer(10) the value is actually a 32-bit unsigned value and hence will fit in an "unsigned long" C variable.

Backus-Naur Form:

Data Provider Information ::= ZHD {DPI} ZPT

4.2 PARMS Market Domain Data

ZHD - File Header			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= ZHD
2	File Type	text(8)	= P0136001
3	From Role Code	text(1)	= G (SVA Agent)
4	From Participant Id	text(4)	CAPG
5	To Role Code	text(1)	= Z (Non-Core - PARMS)
6	To Participant Id	text(4)	= POOL
7	Creation Time	date/time	Date & time of file generation
VER : MDD version			
1	Record Type	text(3)	= VER
2	MDD Version Number	int(8)	
GSG : GSP Group			
1	Record Type	text(3)	= GSG
2	GSP Group Id	text(2)	
3	GSP Group Name	text(30)	
GGD : GSP Group Distributors			
1	Record Type	text(3)	=GGD
2	Distributor Id	int(2)	
3	Market Participant Role Code	text(1)	
4	Effective from Date {MPR}	date	
5	Effective from Settlement Date {GGD}	date	
6	Effective to Settlement Date {GGD}	date	optional
MRC : Market Participant Role Codes			
1	Record Type	text(3)	= MRC
2	Market Participant Role Code	text(1)	
3	Role Code Description	text(30)	
MAP : Market Participants			
1	Record Type	text(3)	= MAP

2	Market Participant Id	text(4)	
3	Market Participant Name	text(40)	
4	Pool Member Id	text(4)	optional
MPR : Market Participant Roles			
1	Record Type	text(3)	= MPR
2	Market Participant Role Code	text(1)	
3	Effective from Settlement Date {MPR}	date	
4	Effective to Settlement Date {MPR}	date	optional
SSR : SSR Run Type			
1	Record Type	text(3)	= SSR
2	SSR Run Type	text(2)	
3	SSR Run Type Name	text(40)	
SSC : Settlement Calendar			
1	Record Type	text(3)	= SSC
2	SSR Run number	int(7)	
3	Settlement Date	date	
4	SSR Run Type	text(2)	
5	SSR Run Date	date	

Note

- 1 there is a one to many relationship between Meter asset provider (MAP) and market participant role (MPR) record types
- 2 the VER record type denotes which version of MDD was used for the source of this file

Backus-Naur Form:

PARMS Market Domain Data ::= ZHD VER {GSG {GGD}} {MRC} {MAP {MPR}} {SSR} {SSC} ZPT

Section 4.3 No Change

5. OUTPUT DATA FILE FORMATS

No change to Sections 5.1 to 5.4

5.5 SP11 – Timely Appointment of Agents

ZHD - File Header			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= ZHD
2	File Type	text(8)	= P0224001
3	From Role Code	text(1)	= C, D, M
4	From Participant Id	text(4)	ID of Supplier Agent
5	To Role Code	text(1)	= Z (Non-Core - PARMS)
6	To Participant Id	text(4)	= POOL
7	Creation Time	date/time	Date & time of file generation
SUB - Subject Participant Header			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= SUB
2	Market Sector	text(1)	= N (NHH data) or H (HH data)
3	Market Participant Role Code	text(1)	= X (Supplier)
4	Market Participant Id	text(4)	ID of Supplier
5	Period End Date	date	Date of last day of calendar month
6	Periodicity	text(1)	'M'onthly
SP11 Data			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= X11
2	GSP Group Id	text(2)	Where unknown '_U' should be used
3	Count of D0155s received within Reporting Period	int(7)	
4	Count of D0155s not received before Agent EFD	int(7)	
5	Count of D0155s received before SF	int(7)	
6	Count of D0155s received before R1	int(7)	
7	Count of D0155s received before R2	int(7)	
8	Count of D0155s received before R3	int(7)	
9	Count of D0155s received before RF	int(7)	
10	Count of D0155s received after RF	int(7)	

Backus-Naur Form:

Timely Appointment of Agents ::= ZHD {SUB {X11}} ZPT

No change to Sections 5.6 to 5.16

5.17 HM12 - Missing HH MTDs

ZHD - File Header			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= ZHD
2	File Type	text(8)	= P0230001
3	From Role Code	text(1)	= C, M
4	From Participant Id	text(4)	ID of Supplier Agent (Current HHDC reporting on new HHMOA; new HHDC reporting on current HHMOA; new HHMOA reporting on current HHMOA)
5	To Role Code	text(1)	= Z (Non-Core -PARMS)
6	To Participant Id	text(4)	= POOL
7	Creation Time	date/time	Date & time of file generation
SUB - Subject Participant Header			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= SUB
2	Market Sector	text(1)	= H (indicates HH data)
3	Market Participant Role Code	text(1)	= M
4	Market Participant Id	text(4)	Where unknown enter 'UUUU' (New HHMOA if reported by current HHDC; current HHMOA if reported by new HHDC or new HHMOA)
5	Period End Date	date	Date of last day of calendar month
6	Periodicity	text(1)	'M'onthly
HM12 Data			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= 2HM
2	GSP Group Id	text(2)	Where unknown '_U' should be used
3	Supplier Id	text(4)	The Market Participant ID of the associated Supplier
4	Count of unique registrations held in previous 14 months	int(7)	
5	Count of registrations where no D0268 held	int(7)	
6	Count of D0268s missing before R1	int(7)	
7	Count of D0268s missing before R2	int(7)	
8	Count of D0268s missing before R3	int(7)	
9	Count of D0268s missing before RF	int(7)	
10	Count of D0268s missing after RF	int(7)	

Backus-Naur Form:

Missing HH MTDs ::= ZHD {SUB {2HM}} ZPT

No change to Sections 5.18 to 5.22

~~5.23 — Not Used~~

~~5.24 — Not Used~~

~~5.25 — Not Used~~

~~5.26 — Not Used~~

~~5.27 — Not Used~~

~~5.28 — Not Used~~

~~5.29 — Not Used~~

~~5.30 — Not Used~~

~~5.31 — Not Used~~

~~5.32 — Not Used~~

No change to Appendix 1