

Balancing and Settlement Code

BSC PROCEDURE

**BSCP533 – Appendix C:
PARMs Data Provider File Formats and Calculation Guidelines for
Obsolete PARMs Serials**

Date:

BSCP533 Appendix C**Relating to****PARMS Data Provider File Formats and Calculation Guidelines for Obsolete PARMS Serials**

1. Reference is made to the Balancing and Settlement Code and in particular, to the definition of “BSC Procedure” In Section X, Annex X-1 thereof.
2. This is BSCP533 Appendix C, relating to PARMS Data Provider File Formats and Calculation Guidelines for Obsolete PARMS Serials.
3. This BSC Procedure is effective from
4. This BSC Procedure is draft.

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AMENDMENT RECORD

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Related Documents

Reference 1	PARMS User Requirements Specification
Reference 2	BSC Procedure: PARMS Data Provision, Reporting and Publication of Peer Comparison Data (BSCP533)
Reference 3	BSC Procedure: PARMS Data Provision (BSCP533 – Appendix A: PARMS Data Provider File Formats)
Reference 4	BSC Procedure: PARMS Data Provision (BSCP533 – Appendix B: PARMS Calculation Guidelines)

1. INTRODUCTION

1.1 Purpose

The purpose of this document is to specify the file format specification and calculation guidelines associated with the information to be submitted to the Performance Assurance Reporting and Monitoring System (PARMS) which monitors Market Participants' performance for reporting periods prior to November 2010. This is intended to provide guidance for Data Providers to assist them in the development of their systems.

1.2 PARMS Data: General Description

PARMS Data consists of data pertaining to the performance of specified market Participants and is provided via a pre-determined series of files by agreed Data Providers. The data will be loaded automatically (unless specified otherwise) into the PARMS database using the corresponding PARMS validation process.

1.3 What are Obsolete PARMS Serials?

From (and inclusive of) the November 2010 reporting period (1 to 30 November 2010), 14 PARMS Serials were no longer required to be submitted, as they were deemed to be obsolete. Eight of these Serials were subject to SP01 (completeness checking). The other six were not subject to SP01. The eight obsolete Serials subject to SP01 should therefore still be submitted for any reporting period (t) prior to November 2010 reporting period.

If any data, which is subject to SP01 is outstanding for reporting periods before November 2010 then the missing data will be recorded by SP01 until such a time as the outstanding data is received by **PAAPARMS**. As such this appendix provides the file formats and calculation guidelines for these Serials.

The Serials are: DA02, NC03, HC01, HC02, NM01, NM02, HM02, and HM03.

The Six obsolete PARMS Serials not subject to SP01 were DA01, NC01, SH01, SH02, SH03 and SP03.

For a summary of all obsolete PARMS Serials, please see annex A of this document.

Please note that all other PARMS Serials remain unchanged. File Formats for these Serials can be found in BSCP533 Appendix A. Calculation guidelines can be found in BSCP533 Appendix B.

All the general guidelines and information in BSCP535, BSCP533 Appendix A and BSCP533 Appendix B still apply to the Serials contained in this Appendix.

2. NOTES ON SUBMISSIONS

2.1 PARMS Reporting

The last period (t) that should be reported for Serials contained within this document is October 2010 (1-31 October 2010). PARMS reports are to be received by no later than 20 working days (WD) after the end of the reporting period (t).

For reporting period t, a t-1 Serial measures performance for Start Events that occurred in the calendar month immediately prior to the reporting period. Therefore the latest t-1 period for t-1 Serials contained within this document should be September 2010.

DRAFT

3. OUTPUT DATA FILE FORMATS

3.1 DA02 – Timely Application of LLF

ZHD - File Header			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= ZHD
2	File Type	text(8)	= P0149001
3	From Role Code	text(1)	= A (HHDA)
4	From Participant Id	text(4)	= ID of originating HHDA
5	To Role Code	text(1)	= Z (Non-Core - PA Administrator)
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)	= A (HHDA)
4	Market Participant Id	text(4)	ID of HHDA
5	Period End Date	date	Date of last day of calendar month
6	Periodicity	text(1)	'M'onthly
DA2 Data Aggregator Serial 2 Data			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= DA2
2	Supplier ID	text(4)	The Market Participant ID of the associated Supplier
3	Settlement Date	date	
4	Settlement Type	text(2)	R1, R2, R3 and RF run types
5	Number of LLFCs for which defaults have been applied	int(7)	

Backus-Naur Form:

Timely Application of LLFs ::= ZHD {SUB {DA2}} ZPT

3.2 NC03 – NHHDC-NHHDA Meter Read History

ZHD - File Header			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= ZHD
2	File Type	text(8)	= P0151001
3	From Role Code	text(1)	= D (NHHDC)
4	From Participant Id	text(4)	= ID of originating NHHDC
5	To Role Code	text(1)	= Z (Non-Core - PA Administrator)
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 (indicates NHH data)
3	Market Participant Role Code	text(1)	= D (NHHDC)
4	Market Participant Id	text(4)	ID of NHHDC
5	Period End Date	date	Date of last day of calendar month
6	Periodicity	text(1)	'M'onthly
NC3 – NHHDC Serial 3 Data			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= NC3
2	Supplier ID	text(4)	The Market Participant ID of the associated Supplier
3	No. of D0148 received	int(7)	
4	No. of responses pending	int(7)	
5	Percentage of D0019 issued by +15 WD	dec(4,1)	

Backus-Naur Form:

NHHDC-NHHDA Meter Read History ::= ZHD {SUB {NC3}} ZPT

3.3 HC01 – HH Estimates at RF

ZHD - File Header			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= ZHD
2	File Type	text(8)	= P0152001
3	From Role Code	text(1)	= C (HHDC)
4	From Participant Id	text(4)	= ID of originating DC
5	To Role Code	text(1)	= Z (Non-Core - PA Administrator)
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)	= C (HHDC)
4	Market Participant Id	text(4)	ID of HHDC
5	Period End Date	date	Date of last day of calendar month
6	Periodicity	text(1)	'M'onthly
HC1 – HHDC Serial 1 Data			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= HC1
2	Supplier ID	text(4)	The Market Participant ID of the associated Supplier
3	Settlement Date	date	
4	Number of MSIDs with invalid estimates at RF	int(7)	The number of MSIDs that have undergone Final Reconciliation during the reporting period, where the data provided by the DC was estimated using an invalid estimation technique.

Backus-Naur Form:

HH Estimates at RF ::= ZHD {SUB {HC1}} ZPT

3.4 HC02 – HH Read History to New HHDC

ZHD - File Header			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= ZHD
2	File Type	text(8)	= P0153001
3	From Role Code	text(1)	= C (old HHDC)
4	From Participant Id	text(4)	= ID of originating HHDC
5	To Role Code	text(1)	= Z (Non-Core - PA Administrator)
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)	= C (old HHDC)
4	Market Participant Id	text(4)	ID of old HHDC
5	Period End Date	date	Date of last day of calendar month
6	Periodicity	text(1)	'M'onthly
HC2 – HHDC Serial 2 Data			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= HC2
2	Supplier ID	text(4)	The Market Participant ID of the associated Supplier
3	Count of HH Read History Requests in Period	int(7)	
4	Count of HH Read History Responses Pending	int(7)	
5	Percentage of HH Read History issued by +5 WD of Request	dec(4,1)	

Backus-Naur Form:

HH Read History to New HHDC ::= ZHD {SUB {HC2}} ZPT

3.5 NM01 – NHH Meter Faults: Time Taken to Resolve

ZHD - File Header			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= ZHD
2	File Type	text(8)	= P0154001
3	From Role Code	text(1)	= D (NHHDC)
4	From Participant Id	text(4)	= ID of originating NHHDC
5	To Role Code	text(1)	= Z (Non-Core - PA Administrator)
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 (indicates NHH data)
3	Market Participant Role Code	text(1)	= M (MO)
4	Market Participant Id	text(4)	ID of MO
5	Period End Date	date	Date of last day of calendar month
6	Periodicity	text(1)	'M'onthly
NM1 – NHHMO Serial 1 Data			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= NM1
2	Supplier ID	text(4)	The Market Participant ID of the associated Supplier
3	Number of faults raised	int(7)	
4	Number of faults resolved	int(7)	
5	Number of faults pending resolution	int(7)	
6	Average number of working days to rectify faults	dec(4,1)	

Backus-Naur Form:

NHH Meter Faults: Time Taken to Resolve ::= ZHD {SUB {NM1}} ZPT

3.6 NM02 – Provision of NHH Initial and Final Reads by NHHMO

ZHD - File Header			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= ZHD
2	File Type	text(8)	= P0155001
3	From Role Code	text(1)	= D (NHHDC)
4	From Participant Id	text(4)	= ID of originating NHHDC
5	To Role Code	text(1)	= Z (Non-Core - PA Administrator)
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 (indicates NHH Data)
3	Market Participant Role Code	text(1)	= M (MO)
4	Market Participant Id	text(4)	= MO ID
5	Period End Date	date	Date of last day of calendar month
6	Periodicity	text(1)	'M'onthly
NM2 – NHHMO Serial 2 Data			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= NM2
2	Supplier ID	text(4)	The Market Participant ID of the associated Supplier
3	Count of D0010 received in period with initial or final reads	int(7)	
4	Percentage of initial and final reads received by +10 WD of required date	dec(4,1)	

Backus-Naur Form:

Provision of NHH Initial and Final Reads by NHHMO ::= ZHD {SUB {NM2}} ZPT

3.7 HM02 – Provision of HH Initial and Final Reads by HHMO

ZHD - File Header			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= ZHD
2	File Type	text(8)	= P0159001
3	From Role Code	text(1)	= C (HHDC)
4	From Participant Id	text(4)	= ID of originating HHDC
5	To Role Code	text(1)	= Z (Non-Core - PA Administrator)
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 (MO)
4	Market Participant Id	text(4)	= MO ID
5	Period End Date	date	Date of last day of calendar month
6	Periodicity	text(1)	'M'onthly
HM2 – HHMO Serial 2 Data			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= HM2
2	Supplier ID	text(4)	The Market Participant ID of the associated Supplier
3	Count of D0010 received in period with initial or final reads	int(7)	
4	Percentage of initial and final reads received by +10 WD of required date	dec(4,1)	

Backus-Naur Form:

Provision of HH Initial and Final Reads by HHMO ::= ZHD {SUB {HM2}} ZPT

3.8 HM03 – Proving of a Metering System

ZHD - File Header			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= ZHD
2	File Type	text(8)	= P0160001
3	From Role Code	text(1)	= C (HHDC)
4	From Participant Id	text(4)	= ID of originating HHDC
5	To Role Code	text(1)	= Z (Non-Core - PA Administrator)
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 (MO)
4	Market Participant Id	text(4)	= MO ID
5	Period End Date	date	Date of last day of calendar month
6	Periodicity	text(1)	'M'onthly
HM3 – HHMO Serial 3 Data			
Field	Field Name	Type	Comments
1	Record Type	text(3)	= HM3
2	Supplier ID	text(4)	The Market Participant ID of the associated Supplier
3	Count of Proving Tests required in Reporting Period	int(7)	
4	Count of Proving Tests pending with HHMO	int(7)	
5	Percentage of Proving Test confirmations received within required timescales	dec(4,1)	

Backus-Naur Form:

Proving of a Metering System ::= ZHD {SUB {HM3}} ZPT

4. SERIALS

4.1 DA02 – Timely Application of LLF

By the time of each Volume Allocation Run, the number of default LLFs being applied by HHDAs should be zero. DAs take LLFs from the ELEXON website (effective from 27 November 2003).

DA02: Key Data

This Serial will record any occurrence of default LLFs being used for any Volume Allocation run during the Reporting period.

The aim of this Serial is to identify where default LLFs have been used in any of the Reconciliation Runs carried out during the reporting month. The D0265 flow only contains details for the Line Loss Factor Class and the Line Loss Factor itself, so any information about the MSIDs affected will be gained by ELEXON through the use of additional data.

The events to be included are those where the Reconciliation Run is carried out during the reporting month, and HHDAs are required to report the number of LLF Class IDs for which default data has been used in the Run.

Example calculation of PARMS Submission for DA02

Data Provider: HHDA responsible for settlement runs for Suppliers in this reporting month

<i>Key Data Table</i>			<i>PARMS Submissions (Reporting Period t=June 2003)</i>
<i>Reconciliation Run Date</i>	<i>Settlement Day</i>	<i>Run Type</i>	<i>Standard 1 Number of LLFC IDs for which defaults have been applied by settlement date and settlement run</i>
05/06/03	15/04/02	RF	3
17/06/03	11/11/02	R3	1
30/06/03	09/06/03	SF	2

4.2 NC03 - NHHDC-NHHDA Meter Read History (t-1)

100% of D0019 (Metering System EAC/AA Data) sent to incoming NHHDA by NHHDC by +15 WD of receipt of D0148 notifying change of DA.

The DA requires the D0019 for use in the aggregation run so the data can be provided to the SVAA for use in the Volume Allocation Run.

NC03: Key Data**D0148 Notification of Change to Other Parties**

Data flow issued by Supplier to DCs and MOAs notifying of any changes to Agent appointments.

D0019 Metering System EAC/AA Data

Contains details of EAC and AA calculated by the DC for a Metering System.

	Scenario	Key Measurement Data
START EVENT	Receipt of D0148 by NHHDC from Supplier.	Receipt Date of D0148.
END EVENT	Issue of D0019 to NHHDA by NHHDC.	Sent date of D0019.

Example calculation of PARMS Submission for NC03

Data Provider: NHHDC

Key Data Table			PARMS Submissions (Reporting Period t=June 2003, t-1 = May 2003)			NOTES
Receipt Date of D0148	Sent Date of D0019	Working Days Elapsed	Standard 1 Total No. of D0148 received	Standard 2 No. of responses Pending	Standard 3 Percentage Sent by +15 WD	
2/05/03	-	>15	+1	+1		Counted as pending for this reporting month.
06/05/03	02/06/03	18	+1			D0019 sent +18 WD after receipt of D0148, therefore fails the standard.
08/05/03	09/05/03	1	+1		✓	D0019 sent +1 WD after receipt of D0148, i.e. well within standard.
19/05/03	04/06/03	11	+1		✓	Although the WD have moved into June as this Serial is t-1 we have visibility of whether the standard has been met.
30/05/03	19/06/03	14	+1		✓	
June 2003 SUBMISSION			5	1	60%	

4.3 HC01 - HH Estimates at RF – Import Metering only

100% of estimated data used in Final Reconciliation to be based upon estimation techniques (a), (b), (c), (d) or (e) as described in BSCP502 section 4.2:

- (a) Main Meter data available but check Meter data missing;
- (b) Main Meter data missing and check Meter installed;
- (c) One Settlement Period missing or incorrect where a prime Meter register reading can be taken;
- (d) Two or three Settlement Periods missing or incorrect for prime Meter register or one Settlement Period missing or incorrect where a prime Meter register reading can be taken;
- (e) Meter advance available.

Where data has been estimated using any of the methods lower than (e), the HHDC should endeavour to provide more accurate estimates to the HHDA for later Runs, ultimately in Final Reconciliation.

The date of the RF Run for a given Settlement Day is defined by the Settlement Calendar, which is maintained by BSCCo and distributed, amongst others, to HHDA's and Suppliers.

HC01: Key Data

D0022 Estimated Half Hourly Data Report

HHDC advises Supplier and LDSO that data has been estimated.

Data Provider: HHDC

Data Providers should report where Data estimation by HHDC uses a method below (e) for any RF run within the Reporting Period. DC will issue a D0022 to Supplier which contains the relevant information to allow Supplier to validate this information.

<i>Key Data Table</i>		<i>PARMS Submissions (Reporting Period t=June 2003)</i>	<i>NOTES</i>
<i>RF Run Date (as stipulated in Settlement Calendar)</i>	<i>Estimated Settlement Date in D0022 (J0018)</i>	<i>Standard 1 Number of MSIDs with invalid estimates at RF</i>	
<i>1/06/03</i>	<i>1/02/02</i>	<i>5</i>	
<i>15/06/03</i>	<i>15/02/03</i>	<i>1</i>	
<i>28/06/03</i>	<i>28/02/03</i>	<i>2</i>	
<i>June 2003 SUBMISSION</i>		<i>5+1+2=8</i>	<i>8 MSIDs have undergone RF with improper estimates during the reporting period</i>

4.4 HC02 - HH Read History to New HHDC (t-1)

100% of validated (by old HHDC in accordance with BSCP502) Half Hourly Advances sent to new HHDC by old HHDC by +5 WD of request, carried out as part of Change of HHDC. The Requested Action Code (J0007) within the D0170 will be populated with '07'. The J0028 Data Item 'Date Action Required by' should be used to measure when the details need to be sent.

HC02: Key Data

D0170 Request for Metering System Related Details

New HHDC requests Metering System Related Details from old HHDC, following an isolated Change of Agent or as a consequence of a Change of Supplier.

D0036 Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix

Old HHDC provides HH consumption values used for Supplier and LDSO billing.

	Scenario	Key Measurement Data
START EVENT	Receipt of D0170 request by old HHDC from new HHDC.	Receipt date of D0170.
END EVENT	Sending of D0036 to new HHDC by +5 WD of request.	Sent date of D0036.

Note that in this case, the D0036 is required by +5 WD of the J0028 Data Item date. For all relevant D0170s received during t-1 the DC should report on all activities where the action can be measured to have been completed within the allowable +5 WD. Any D0170s received during t-1 with a J0028 date that is greater than +15 WD into month t should not be reported as these events will be falsely recorded as pending.

Example calculation of PARMS Submission for HC02**Data Provider: Old HHDC**

Key Data Table			PARMS Submissions (Reporting Period t=June 2003)			NOTES
Date Action Required by in D0170 (J0028)	Sent Date of D0036	+WD elapsed	Standard 1 Total no of requests in period	Standard 2 No of events pending	Standard 3 Percentage Sent by +5 WD	
5/05/03	22/05/03	13	+1			D0036 sent 13 days after request and therefore fails the standard.
9/05/03	20/05/03	7	+1			
12/05/03	15/05/03	3	+1		+1	
27/05/03	-	-	+1	+1		
June 2003 SUBMISSION			4	1	25%	

4.5 NM01 - NHH Meter Faults: Time Taken to Resolve (t-1)

The average number of working days to rectify material faults should not exceed +15 WD.

NM01: Key Data

D0001 Request Metering System Investigation

Flow issued to MOAs requesting investigation into suspected metering faults.

D0002 Fault Resolution Report or Request for Decision on Further Action

Flow issued by MOAs following fault investigation that reports on actions taken or requests a decision on the next course of action.

Alternatively a DC should be able to track where a fault has been rectified using its own tracking within systems.

	Scenario	Key Measurement Data
START EVENT	Issue of D0001 by NHHDC to MOA giving notification of suspected fault.	Sent Date of D0001
END EVENT	Receipt of D0002 by NHHDC from MOA reporting resolution of the issue or DC manual process for confirming fault is properly resolved.	J0014 Date of Action or other.

In this case the NHHDC must confirm when the D0002 that corrects the fault is issued, not an interim or holding D0002 response.

Example calculation of PARMS Submission for NM01**Data Provider: NHHDC**

Key Data Table			PARMS Submissions (Reporting Period $t=$ May 2003, $t-1 =$ April 2003)				NOTES
Sent Date of D0001	Date of Action in D0002 (J0014) or confirmation that fault corrected	+WD elapsed (J0014-D0001)	Standard 1 Total no. faults raised in month	Standard 2 No. faults resolved	Standard 3 No of faults pending resolution	Standard 4 Average number of WD for resolution	
01/04/03	-	-	+1	0	+1	0	No end event as yet and so is counted for this month as pending
May 2003 SUBMISSION			1		1		

Key Data Table			PARMS Submissions (Reporting Period $t=$ June 2003, $t-1 =$ May 2003)				NOTES
Sent Date of D0001	Date of Action in D0002 (J0014) or other confirmation.	WD elapsed (J0014-D0001)	Standard 1 Total no. faults raised in month	Standard 2 No. faults resolved	Standard 3 No of faults pending resolution	Standard 4 Average number of WD for resolution	
01/04/03	2/06/03	42	0	+1	-1	42	Resolution of fault raised in previous month and so reduces the pending total by 1
13/05/03	23/05/03	8	+1	+1	0	8	Resolution within +15 WD.
19/05/03	02/07/03	-	+1		+1		The end event was still outstanding at the end of June so is recorded as pending for this month.
June 2003 SUBMISSION			2	2	1-1+1=1	(42+8)/2=25	Pending total is still 1

4.6 NM02 – Provision of NHH Initial and Final Reads by NHHMO

100% of D0010 Meter Reading files to be issued to NHHDC by an NHH MOA by +10 WD of the Initial/Final read.

NM02: Key Data

D0010 Meter Readings

MOA passes all meter readings, including Initial/Final reads, to NHHDC via D0010.

Data Collectors receive a D0010 for a number of start events (CoMC), new connection, meter replacement, meter removal, disconnection, reconfiguration or replacement). For each Reporting Period DCs should report on all D0010s received within reporting period.

This Serial is a check in initial and final readings taken by MOAs, identified in the D0010 flow in the J0171 'Reading Type' data item as 'I' (initial) or 'F' (final).

Example calculation of PARMS Submission for NM02

Data Provider: NHHDC

<i>Key Data Table</i>			<i>PARMS Submissions (Reporting Period t=June 2003)</i>	
<i>Receipt Date of D0010</i>	<i>Reading Date on D0010 (J0016)</i>	<i>+WD elapsed (receipt date – J0016)</i>	<i>Standard 1 Count of Initial/Final Read Requests in Period</i>	<i>Standard 2 Percentage Initial/Final Reads received by +10 WD</i>
06/06/03	02/06/03	3	+1	+1
27/06/03	13/06/03	8	+1	+1
30/06/03	12/05/03	12	+1	
June 2003 SUBMISSION			3	2/3=66%

4.7 HM02 - Provision of HH Initial and Final Reads by HHMO

100% of D0010 Meter Reading files to be issued to HHDC by an HH MOA by +10 WD of the Initial/Final read.

HM02: Key Data

D0010 Meter Readings

MOA passes all meter readings, including Initial/Final reads, to HHDC via D0010.

Data Collectors receive a D0010 for a number of start events (CoMC, new connection, meter replacement, meter removal, disconnection, reconfiguration or replacement). For each Reporting Period DCs should report on all D0010s received within reporting period.

This Serial is a check in initial and final readings taken by MOAs, identified in the D0010 flow in the J0171 'Reading Type' data item as 'I' (initial) or 'F' (final).

Example calculation of PARMS Submission for HM02

Data Provider: HHDC

<i>Key Data Table</i>			<i>PARMS Submissions (Reporting Period t=June 2003)</i>	
<i>Receipt Date of D0010</i>	<i>Reading Date on D0010 (J0016)</i>	<i>+WD elapsed (receipt date – J0016)</i>	<i>Standard 1 Count of Initial/Final Read Requests in Period</i>	<i>Standard 2 Percentage Initial/Final Reads received by +10 WD</i>
06/06/03	02/06/03	4	+1	+1
27/06/03	13/06/03	10	+1	+1
30/06/03	12/05/03	12	+1	
June 2003 SUBMISSION			3	2/3=66%

4.8 HM03 – Proving of a Metering System (t-1)

100% of Proving Test results to be received by HHDC by appropriate +WD of receipt of HH data by HH MOA. MOA will conduct Proving test in accordance with the timescales for the relevant Code of Practice that the Metering system is assigned to and issue a D0214 if successful or a D0002 if unsuccessful.

DC will know the Code of Practice (CoP), and therefore the timescales required for the Proving test, from the J0418 Data Item in the D0268 for that Metering System.

HM03: Key Data

D0003 *Half Hourly Advances*

A set of HH data from HH meters provided to the HH MOA by the HHDC.

D0214 *Confirmation of Proving Tests*

File received by HHDC from HH MOA confirming Proving Test results.

D0002 *Fault Resolution Report or Request for Decision on Further Action*

Notification that proving test has failed and request for further action

A Proving test should be carried out in the following circumstances (as defined in BSCP514 para 8.3.1):

- As a result of a new connection or Registration Transfers from CMRS to SMRS
- Following a change of HHDC appointment but only in the event that the MTD was manually intervened
- Following a change of HHMOA appointment but only in the event that the MTD was manually intervened
- Following a concurrent CoS and HHDC but only in the event that the MTD was manually intervened
- When a Metering System is reconfigured/replaced
- Following a CoMC from NHH to HH
- Where there is a Key field change
- Where there has been a Key field change whilst a site has been de-energised and the Metering System becomes energised
- Whenever a shared SVA Metering System arrangement is carried out
- Where a feeder is energised for the first time

The timescales for attempting a Proving test are:

- CoP 1 +5 WD
- CoP 2 +5 WD
- CoP 3 +10 WD
- CoP 5 +15 WD

	Scenario	Key Measurement Data
START EVENT	D0003 sent containing information required for Proving Test	Sent Date of D0003
END EVENT	HH MOA carries out proving test and HHDC receives Confirmation of Proving Test (D0214) or HH MOA issues D0002 to notify proving test failed and request for further action	Receipt date of D0214 Receipt date of D0002

Example calculation of PARMS Submission for HM03

Data Provider: HHDC

Key Data Table				PARMS Submissions (Reporting Period t=June 2003, t-1 = May 2003)		
Sent Date of D0003	Receipt Date of D0214 or D0002	CoP	WD elapsed	Standard 1 Number of Proving Tests required	Standard 2 Number of Proving Tests pending	Standard 3 Percentage of confirmations received by appropriate +WD
5/05/03	8/05/03	1	3	+1		+1
12/05/03	19/05/03	3	4	+1		+1
20/05/03	-	5	-	+1	+1	
June 2003 SUBMISSION				3	1	66.6%

ANNEX A: LIST OF P99 PARMS SERIALS CONTAINED WITHIN THIS DOCUMENT

Type	Serial	Titled	Measurement On	Data Provider
Supplier	SP03	Invalid Supplier Hubs	Supplier	ELEXON
Supplier Hub	SH01	HH Data Aggregation Exceptions	Supplier Hub	HHDA
Supplier Hub	SH02	HH Defaults	Supplier Hub	HHDA
Supplier Hub	SH03	D0095 Exceptions	Supplier Hub	NHHDA
Agent	DA01	NHH and HH Aggregated Data for all Runs	NHH/HHDA	SVAA
Agent	DA02	Timely Application of LLF	HHDA	HHDA
Agent	NC01	D0023 Exceptions	NHHDC	NHHDA
Agent	NC03	NHHDC – NHHDA Meter Read History	NHHDC	NHHDC
Agent	HC01	HH Estimates at RF	HHDC	HHDC
Agent	HC02	HH Read History to New HHDC	HHDC	HHDC (old)
Agent	NM01	NHH Meter Faults: Time Taken to Resolve	NHHMO	NHHDC
Agent	NM02	Provision of Initial/Final Reads by NHHMO	NHHMO	NHHDC
Agent	HM02	Provision of Initial/Final Reads by HHMO	HHMO	HHDC
Agent	HM03	Proving of a Metering System – Compare Collected Data with Expected Data	HHMO	HHDC

ANNEX B: MASTER REGISTRATION AGREEMENT (MRA) DATA TRANSFER CATALOGUE ITEMS REFERENCED

Flow Reference	Flow Name
D0001	Request Metering System Investigation
D0002	Fault Resolution Report or Request for Decision on Further Action
D0003	Half Hourly Advances
D0010	Meter Readings
D0011	Agreement of Contractual Terms
D0019	Metering System EAC/AA Data
D0022	Estimated Half Hourly Data Report
D0023	Failed Instructions
D0036	Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix
D0095	Non Half Hourly Data Aggregation Exception Report
D0148	Notification of Change to Other Parties
D0149	Notification of Mapping Details
D0150	Non Half Hourly Meter Technical Details
D0152	Metering System EAC/AA Historical Data
D0155	Notification of Meter Operator or Data Collector Appointment and Terms
D0170	Request for Metering System Related Details
D0214	Confirmation of Proving Tests
D0235	Half Hourly Aggregation Exception Report
D0265	Line Loss Factor Data File
D0268	Half Hourly Meter Technical Details

ANNEX C: SUMMARY OF PARMS OUTPUT DATA FILES FOR SERIALS CONTAINED WITHIN THIS DOCUMENT

Output Data		
Serial	Titled	File Type
DA02	Timely Application of LLF P0149001	P0149001
NC03	NHHDC-NHHDA Meter Read History P0151001	P0151001
HC01	HH Estimates at RF P0152001	P0152001
HC02	HH Read History to New HHDC P0153001	P0153001
NM01	NHH Meter Faults: Time Taken to Resolve P0154001	P0154001
NM02	Provision of NHH Initial and Final Reads by NHHMO P0155001	P0155001
HM02	Provision of HH Initial and Final Reads by HHMO P0159001	P0159001
HM03	Proving of a Metering System P0160001	P0160001