Balancing and Settlement Code

BSC PROCEDURE

PARMS DATA PROVISION

BSCP533 – Appendix C:

PARMS Data Provider File Formats and Calculation Guidelines for Obsolete PARMS Serials

Please note this Appendix C is introduced by CP1325 'Removal of Obsolete PARMS Serials'(approved by SVG for November 2010 implementation).

All the approved CP1325 redline text can be found here.

Version 0.1

Date: 1 ~~November 2010~~February 2011

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BSCP533 Appendix C

Relating to

PARMS Data Provision

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, Version 0.1 relating to PARMS Data Provision.

3. This BSC Procedure is effective from 1 ~~November 2010~~February 2011.

4. This BSC Procedure has been approved by the Panel.

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AMENDMENT RECORD

Version	Date	Description of Changes	CRs Included	Mods Panel Ref

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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)

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1. INTRODUCTION

1.1 Purpose

The purpose of this document is to specify the file formats ~~specification~~ and calculation guidelines ~~associated with~~for the information to be submitted to the Performance Assurance Reporting and Monitoring System (PARMS). PARMS ~~which~~ monitors Market Participants' performance. This document applies to specific PARMS Serials for specific ~~for~~ reporting periods. ~~prior to November 2010.~~.(see section 1.3 & 2.1) -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 d~~D~~ata ~~consists of data pertaining to~~measures the performance of specified M~~m~~arket 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~~ are subject to SP01 (completeness checking). The other six ~~were~~ are not subject to SP01. The eight obsolete Serials subject to SP01 should therefore still be submitted for any reporting period (t) prior to the November 2010 reporting period.

In addition nine PARMS Serials were replaced with twelve new PARMS Serials from (and inclusive of) the February 2011 reporting period (1 to 28 February 2011). As a result the nine discontinued PARMS Serials are no longer required to be submitted from (and inclusive of) February 2011. For reporting periods prior to February 2011 the nine discontinued PARMS Serials should still be submitted, as they are subject to SP01.

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

~~The Serials are: DA02, NC03, HC01, HC02, NM01, NM02, HM02, and HM03.~~For a list of Serials and the last reporting period they need to be submitted for, please see section 2.1.

The s~~S~~ix 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 A~~a~~nnex A of this document.

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Please note that all other PARMS Serials remain unchanged. f~~F~~ile f~~F~~ormats for these Serials can be found in BSCP533 Appendix A. Calculation guidelines can be found in BSCP533 Appendix B.

All the general guidelines (not specific to the Serials contained in this document) and information in BSCP533~~5~~, BSCP533 Appendix A and BSCP533 Appendix B still apply to the Serials contained in this Appendix.

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2. NOTES ON SUBMISSIONS

2.1 PARMS Reporting

The last period (t) that should be reported for Serials contained within this document ~~is~~are:

Serials to be Submitted up to:	
October 2010	January 2011
DA02	SP05
NC03 (t-1)	SP06
HC01	NC02 (t-1)
HC02 (t-1)	NM03 (t-1)
NM01 (t-1)	NM04 (t-1)
NM02	HM01 (t-1)
HM02	HM04 (t-1)
HM03 (t-1)	HM05 (t-1)
	HM06

~~October 2010 (1-31 October 2010). PARMS reports are to be received by no later than 20 working days (WDs) 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.~~ to be submitted up to the October 2010 reporting period should be September 2010. For those Serials to be submitted up to the January 2011 reporting period the t-1 Serials should report on start events in December 2010.

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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

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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

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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

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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

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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

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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

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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

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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

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3.9 SP05 – Retrospective Appointment of Agents

ZHD - File Header			
Field	**Field Name**	**Type**	**Comments**
1	Record Type	text(3)	= ZHD
2	File Type	text(8)	= P0143001
3	From Role Code	text(1)	= C, D or M
4	From Participant Id	text(4)	ID of Supplier Agent
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)	= B (indicates HH and NHH 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
SP5 Supplier Serial 5 Data			
Field	**Field Name**	**Type**	**Comments**
1	Record Type	text(3)	= SP5
2	Count of D0155s received after Agent Effective Date	int(7)	
3	Average WDs late for D0155s received after Agent Effective Date	dec(5,1)	

Backus-Naur Form:

Retrospective Appointment of Agents::= ZHD {SUB SP5} ZPT

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3.10 SP06 – D0148 Flow from Suppliers

ZHD - File Header			
Field	**Field Name**	**Type**	**Comments**
1	Record Type	text(3)	= ZHD
2	File Type	text(8)	= P0144001
3	From Role Code	text(1)	= C, D or M
4	From Participant Id	text(4)	ID of Supplier Agent
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)	= B (indicates HH and NHH 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
SP6 Supplier Serial 6 Data			
Field	**Field Name**	**Type**	**Comments**
1	Record Type	text(3)	= SP6
2	GSP Group Id	text(2)	
3	Count of D0148s received after Agent Effective Date	int(7)	

Backus-Naur Form:

D0148 Flow from Suppliers::= ZHD {SUB {SP6}} ZPT

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3.11 NC02 – NHHDC to NHHDC Meter Reads & History

ZHD - File Header			
Field	**Field Name**	**Type**	**Comments**
1	Record Type	text(3)	= ZHD
2	File Type	text(8)	= P0150001
3	From Role Code	text(1)	= D (old 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 (old NHHDC)
4	Market Participant Id	text(4)	ID of old NHHDC
5	Period End Date	date	Date of last day of calendar month
6	Periodicity	text(1)	'M'onthly
NC2 – NHHDC Serial 2 Data			
Field	**Field Name**	**Type**	**Comments**
1	Record Type	text(3)	= NC2
2	Supplier ID	text(4)	The Market Participant ID of the associated Supplier
3	Total no. of requests in period	int(7)	
4	Percentage sent within timescales	dec(4,1)	

Backus-Naur Form:

NHHDC to NHHDC Meter Reads & History ::= ZHD {SUB {NC2}} ZPT

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3.12 NM03 – Provision of NHH METD to NHHDC

ZHD - File Header			
Field	**Field Name**	**Type**	**Comments**
1	Record Type	text(3)	= ZHD
2	File Type	text(8)	= P0156001
3	From Role Code	text(1)	= M (MO)
4	From Participant Id	text(4)	= ID of originating MO
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
NM3 – NHHMO Serial 3 Data			
Field	**Field Name**	**Type**	**Comments**
1	Record Type	text(3)	= NM3
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 D0150/0149 issued to NHHDC by +5 WD of required date	dec(4,1)	

Backus-Naur Form:

Provision of NHH METD to NHHDC ::= ZHD {SUB {NM3}} ZPT

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3.13 NM04 – Provision of NHH METD to New NHHMO

ZHD - File Header			
Field	**Field Name**	**Type**	**Comments**
1	Record Type	text(3)	= ZHD
2	File Type	text(8)	= P0157001
3	From Role Code	text(1)	= M (old MO)
4	From Participant Id	text(4)	= ID of originating MO
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 old MO
5	Period End Date	date	Date of last day of calendar month
6	Periodicity	text(1)	'M'onthly
NM4 – NHHMO Serial 4 Data			
Field	**Field Name**	**Type**	**Comments**
1	Record Type	text(3)	= NM4
2	Supplier ID	text(4)	The Market Participant ID of the associated Supplier
3	No. of D0170 received	int(7)	
4	No. of responses pending	int(7)	
5	Percentage of D0150/0149 issued to new NHHMO by +5 WD of required date	dec(4,1)	

Backus-Naur Form:

Provision of NHH METD to new NHHMO ::= ZHD {SUB {NM4}} ZPT

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3.14 HM01 – HH 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)	= P0158001
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
HM1 – HHMO Serial 1 Data			
Field	**Field Name**	**Type**	**Comments**
1	Record Type	text(3)	= HM1
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:

HH Meter Faults: Time Taken to Resolve ::= ZHD {SUB {HM1}} ZPT

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3.15 HM04 – Provision of HH METD to HHDC

ZHD - File Header			
Field	**Field Name**	**Type**	**Comments**
1	Record Type	text(3)	= ZHD
2	File Type	text(8)	= P0161001
3	From Role Code	text(1)	= M (MO)
4	From Participant Id	text(4)	= ID of originating MO
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
HM4 – HHMO Serial 4 Data			
Field	**Field Name**	**Type**	**Comments**
1	Record Type	text(3)	= HM4
2	Supplier ID	text(4)	The Market Participant ID of the associated Supplier
3	Count of D0148s received in period	int(7)	
4	Count of D0148s pending response	int(7)	
5	Percentage of D0268 issued to HHDC by +5 WD of requested date	dec(4,1)	
6	Percentage of D0268s issued to HHDC by +15 WD of required date	dec(4,1)	

Backus-Naur Form:

Provision of HH METD to HHDC ::= ZHD {SUB {HM4}} ZPT

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3.16 HM05 – Provision of HH METD to New HHMO

ZHD - File Header			
Field	**Field Name**	**Type**	**Comments**
1	Record Type	text(3)	= ZHD
2	File Type	text(8)	= P0162001
3	From Role Code	text(1)	= M (old MO)
4	From Participant Id	text(4)	= ID of originating MO
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 (old 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
HM5 – HHMO Serial 5 Data			
Field	**Field Name**	**Type**	**Comments**
1	Record Type	text(3)	= HM5
2	Supplier ID	text(4)	The Market Participant ID of the associated Supplier
3	Count of D0170 requests received in period	int(7)	
4	Count of D0170 requests pending response	int(7)	
5	Percentage of D0268 issued to new MO by +5 WD of required date	dec(4,1)	
6	Percentage of D0268s issued to new MO by +15 WD of required date	dec(4,1)	

Backus-Naur Form:

Provision of HH METD to new HHMO ::= ZHD {SUB {HM5}} ZPT

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3.17 HM06 – Quality of D0268

ZHD - File Header			
Field	**Field Name**	**Type**	**Comments**
1	Record Type	text(3)	= ZHD
2	File Type	text(8)	= P0163001
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
HM6 – HHMO Serial 6 Data			
Field	**Field Name**	**Type**	**Comments**
1	Record Type	text(3)	= HM6
2	Supplier ID	text(4)	The Market Participant ID of the associated Supplier
3	Average number of D0268s required per metering system	dec(4,1)	

Backus-Naur Form:

Quality of D0268 ::= ZHD {SUB {HM6}} ZPT

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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

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

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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 +15WD*	
2/05/2003	*-*	*>15*	*+1*	*+1*		*Counted as pending for this reporting month.*
06/05/2003	*02/06/2003*	*18*	*+1*			*D0019 sent +18 WD after receipt of D0148, therefore*

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						fails the standard.
08/05/2003	*09/05/2003*	*1*	*+1*		✓	*D0019 sent +1 WD after receipt of D0148, i.e. well within standard.*
19/05/2003	*04/06/2003*	*11*	*+1*		✓	*Although the WDs have moved into June as this Serial is t-1 we have visibility of whether the standard has been met.*
30/05/2003	*19/06/2003*	*14*	*+1*		✓	
June 2003 SUBMISSION			*5*	*1*	*60%*	

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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 HHDAs 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.

Key Data Table		***PARMS Submissions (Reporting Period t=June 2003)***	***NOTES***
RF Run Date (as stipulated in Settlement Calendar)	***Estimated Settlement Date in D0022*** *(J0018)*	***Standard 1*** *Number of MSIDs with invalid estimates at RF*	
1/06/03	*1/02/02*	*5*	

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15/06/03	*15/02/03*	*1*	
28/06/03	*28/02/03*	*2*	
June 2003 SUBMISSION		*5+1+2=8*	*8 MSIDs have undergone RF with improper estimates during the reporting period*

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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 WDs. Any D0170s received during t-1 with a J0028 date that is greater than +15 WDs into month t should not be reported as these events will be falsely recorded as pending.

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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%*	

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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*	

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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 WDs.*
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=2*	*Pending total is*

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				5	*still 1*

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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

Key Data Table				
Receipt Date of D0010	***Reading Date on D0010*** *(J0016)*	***+WD elapsed*** *(receipt date – J0016)*	***Standard 1*** *Count of Initial/Final Read Requests in Period*	***Standard 2*** *Percentage Initial/Final Reads received* by *+10WD*
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%*

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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

Key Data Table				
Receipt Date of D0010	**Reading Date on D0010** (J0016)	***+WD elapsed*** *(receipt date – J0016)*	***Standard 1*** *Count of Initial/Final Read Requests in Period*	***Standard 2*** *Percentage Initial/Final Reads received* by *+10WD*
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%*

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

100% of Proving Test results to be received by HHDC by appropriate +WDs 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

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The timescales for attempting a Proving test are:

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

	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

<u>Example calculation of PARMS Submission for HM03</u>

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 +WDs*
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%*

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4.9 SP05 (DC Submissions) – Retrospective Appointment of Agents

100% of Supplier Agents to be appointed prior to Agent Start Date. This serial should be measured at national level rather than GSP and therefore only one line of information needs to be submitted per Supplier.

Agents should report for all D0155s sent during the Reporting Period for which they are the Agent and use the Data Item J0219 to check that appointment has been received prior to their Start Date.

SP05: Key Data

D0155 Notification of New Meter Operator or Data Collector Appointment and Terms

The Supplier notifies the relevant HH and NHH DCs of their appointment with a given effective from date.

Example calculation of PARMS submission for SP05

Data Provider: New DC

Key Data Table			PARMS Submissions (Reporting Period t=June 2003)		NOTES
Receipt date of D0155	**Effective From Date DC {J0219}**	**+/-WD elapsed** (Receipt date – {J0219}	**Standard 1** Number of D0155 received after {J0219}	**Standard 2** Average WDs late for D0155 received after {J0219}	
3/06/03	12/06/03	-7	0	0	D0155 received -7 WD before Agent Appointment Date ({J0219})
18/06/03	18/06/03	0	0	0	
25/06/03	19/06/03	4	+1	4	D0155 received +5 WD after J0219
27/06/03	24/06/03	3	+1	3	
June 2003 SUBMISSION			2	(4+3)/2 = 3.5 WD	

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4.10 SP05 (MOA Submissions) – Retrospective Appointment of Agents

100% of Supplier Agents to be appointed prior to Agent Start Date. This serial should be measured at national level rather than GSP and therefore only one line of information needs to be submitted per Supplier.

Agents should report for all D0155s sent during the Reporting Period for which they are the Agent and use the Data Item J0210 to check that appointment has been received prior to their Start Date.

SP05: Key Data

D0155 Notification of New Meter Operator or Data Collector Appointment and Terms

The Supplier notifies the relevant HH and NHH MOAs of their appointment with a given effective from date.

Example calculation of PARMS submission for SP05

Data Provider: New MOA

Key Data Table			***PARMS Submissions (Reporting Period t=June 2003)***		***NOTES***
Receipt date of D0155	***Effective From Date MOA {J0210}***	***+/-WD elapsed*** *(Receipt date – {J0210}*	***Standard 1*** *Number of D0155 received after {J0210}*	***Standard 2*** *Average WDs late for D0155 received after {J0210}*	
3/06/03	*12/06/03*	*-7*	*0*	*0*	*D0155 received -7WD before Agent Appointment Date ({J0210})*
18/06/03	*18/06/03*	*0*	*0*	*0*	
25/06/03	*19/06/03*	*4*	*+1*	*4*	*D0155 received +5 WD after J0210*
27/06/03	*24/06/03*	*3*	*+1*	*3*	
June 2003 SUBMISSION			*2*	*(4+3)/2 = 3.5 WD*	

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4.11 SP06 – D0148 Flow from Suppliers

100% of D0148 (Notification of Change to other Parties) sent to DC in Hub on receipt of D0011 acceptance (due to CoS and/or CoA), and prior to Agent Effective From Date.

SP06: Key Data

D0148 Notification of Change to other Parties

Supplier accepts terms and issues D0148 confirming appointment of DC and MOA.

For any D0148, with the Agent status as 'N', received during the reporting period the Data Provider checks whether any of the Effective from Dates of Supplier, DA or MOA are after the receipt of the D0148. The Data Items are:

Data item J0210 (Effective from Date {MOA}) or J0334 (Effective from Settlement Date {DAA}

If receipt date is after any of the new Agent effective from dates, this counts as a failed event.

Data Provider: DC

Key Data Table			***PARMS Submissions (Reporting Period t=June 2003)***	***NOTES***
Receipt date of D0148	*Agent Appointment Date in D0148 (J0210 or J0334)*	*+/-WD elapsed (Receipt Date – J0210 or J0334)*	***Standard 1*** *Number of D0148s received after Appointment Date*	
5/06/03	*4/06/03*	*1*	*+1*	*Supplier has sent D0148 after appointment date*
10/06/03	*16/06/03*	*-4*	*0*	*D0148 received prior to appointment date*
June 2003 SUBMISSION			*1*	

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4.12 SP06 (MOA Submissions) – D0148 Flow from Suppliers

100% of D0148 (Notification of Change to other Parties) sent to MOA in Hub on receipt of D0011 acceptance (due to CoS and/or CoA), and prior to Agent Effective From Date.

SP06: Key Data

D0148 Notification of Change to other Parties

Supplier accepts terms and issues D0148 confirming appointment of DC and MOA.

For any D0148, with the Agent status as 'N', received during the reporting period the Data Provider checks whether any of the Effective from Dates of Supplier or DC are after the receipt of the D0148. The Data Items are:

Data item Data item J0219 (Effective from Date {DCA})

If receipt date is after any of the new Agent effective from dates (except DA), this counts as a failed event.

Data Provider: MOA

Key Data Table			***PARMS Submissions (Reporting Period t=June 2003)***	***NOTES***
Receipt date of D0148	***Agent Appointment Date in D0148*** *(J0219)*	***+/-WD elapsed*** *(Receipt Date – J0219)*	***Standard 1*** *Number of D0148s received after Appointment Date*	
5/06/03	*4/06/03*	*1*	*+1*	*Supplier has sent D0148 after appointment date*
10/06/03	*16/06/03*	*-4*	*0*	*D0148 received prior to appointment date*
June 2003 SUBMISSION			*1*	

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4.13 NC02 - NHHDC to NHHDC Meter Reads & History (t-1)

100% of D0010 and D0152 files sent to incoming NHHDC by +5 working days of DC Effective From date; OR by +8 working days of Supplier Start Date in the case of Change of Supplier. The Requested Action Code (J0007) within the D0170 will be populated with '07'. In the case of a CoS the NHHDC is reporting on behalf of the outgoing Supplier.

If the Date Action Required by in the D0170 is greater than +10 WDs after the end of the period t-1 then the D0170 should not be counted. ~~as it may lead to incorrect pending counts.~~

NC02: Key Data

D0170 Request for Metering System Related Details

New NHHDC or (if relevant) new Supplier requests Metering System Related Details from old NHHDC, following an isolated Change of Agent or as a consequence of a Change of Supplier.

D0010 Meter Readings

Readings provided by old NHHDC to new NHHDC.

D0152 Metering System EAC/AA Historical Data

Historical EAC/AA Data provided to new NHHDC by old NHHDC.

	Scenario	**Key Measurement Data**
START EVENT	Sending by new NHHDC of D0170 request to old Supplier (if change of DC only) or sending of D0170 by NHHDC (if CoS).	Date of receipt of D0170 by Old NHHDC
END EVENT	Sending of D0010 and D0152 by old NHHDC to new NHHDC by +5 WD of {DCA} OR by {REGI} +8 WDs in case of CoS.	Sent date of D0010 and D0152 (whichever is later)

Example calculation of PARMS Submission for NC02

Although Receipt of D0170 is the start event, the key data item required in the D0170 is the J0028, Date Action required by Data Item.

Data Provider: Old NHHDC

Key Data Table				***PARMS Submissions (Reporting Period t=June 2003)***		***NOTES***
Receipt Date of D0170 from DC or Supplier	***Date action required by*** *(J0028) {REGI} or {DCA}*	***Sent Date of D0010 and D0152*** *(whichever is later)*	***+WD elapsed*** *(Sent date of D0010 or D0152 (whichever is latest) – J0028)*	***Standard 1*** *Total no of requests in period*	***Standard 2*** *% Sent within Timescales*	
5/5/2003	*12/05/03*	*21/05/2003*	*7*	*+1*	*+1*	*Received due to CoS, therefore required timescale is SSD+8.*
16/05/03	*27/05/03*	*-*	*-*	*+1*		*The end event occurs sometime subsequent to the end of the reporting period so is ~~recorded as pending.~~only recorded as received.*
5/05/03	*13/05/03*	*20/05/03*	*6*	*+1*		*CoA only, therefore timescale is*

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						{DCA}+5WD.
30/05/03	*03/06/03*	*5/06/03*	*2*	*+1*	*+1*	
June 2003 SUBMISSION				*4*	*2/4=50%*	

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4.14 NM03 – Provision of NHH METD to NHHDC (t-1)

100% to be dispatched to NHHDC by NHH MOA by +5 WD of required date for all start events of change of DC, concurrent change CoS/DC. This Serial relates to both energised and de-energised Metering Systems. Data item J0219 has the DC Effective from Date to trigger activities.

If the Effective From Date in the D0148 is greater than +15 WDs after the end of the period t-1 then the D0148 should not be counted as it may lead to incorrect pending counts.

NM03: Key Data

D0148 Notification of Change to other Parties

NHH MOA receives D0148 from Supplier prompting sending of Metering System details.

D0150 Non Half Hourly Technical Details

Meter Technical Details for NHH Metering Systems

D0149 Notification of Mapping Details

Data flow issued by MOAs giving notice of mapping of physical meters to time pattern regimes.

	Scenario	**Key Measurement Data**
START EVENT	NHH MOA receives D0148 from Supplier prompting sending of Metering System related details to NHHDC	Receipt of D0148
END EVENT	NHH MOA sends D0149/D0150 to NHHDC by +5 WD of Effective From Date.	Sent date of D0149/D0150.

Example calculation of PARMS Submission for NM03

Data Provider: NHH MOA

Key Data Table				***PARMS Submissions (Reporting Period t=June 2003, t-1 = May 2003)***			***NOTES***
D0148 Receipt Date	***EFD for DC*** *(J0219)*	***Sent date of D0149/150***	***+/-WD elapsed*** *(Sent date – J0219)*	***Standard 1*** *No. of D0148 received*	***Standard 2*** *No. of responses pending*	***Standard 3*** *Percentage sent by +5 WD*	
20/05/03	*23/05/03*	*22/05/03*	*-1*	*+1*		✓	
20/05/03	*10/06/03*	*-*	*-*	*+1*	*+1*		*Counted as pending for this month*
22/05/03	*27/06/03*	*27/06/03*	*-*				*Excluded as J0219>+15WDs after t-1*
June 2003 SUBMISSION				*~~2~~1*	*~~0~~1*	*~~100%~~1/2=50%*	

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4.15 NM04 – Provision of NHH METD to New NHHMO (t-1)

100% to be dispatched to incoming NHH MOA by +5 WD of required date for all start events. This Serial relates to both energised and de-energised Metering Systems. The Requested Action Code (J0007) within the D0170 will be populated with '06'. MOA uses the J0028 field to see where Action Required by.

If the Date Action Required by in the D0170 is greater than +15 WDs after the end of the period t-1 then the D0170 should not be counted as it may lead to incorrect pending counts.

NM04: Key Data

D0170 Request for Metering System Related Details

New NHH MOA requests metering equipment details from NHH MOA or Supplier

D0150 Non Half Hourly Technical Details

Meter Technical Details for NHH Metering Systems

D0149 Notification of Mapping Details

Notification of mapping of physical registers to time pattern regimes

	Scenario	Key Measurement Data
START EVENT	Old NHH MOA receives D0170 from new NHH MOA or Supplier	Receipt of D0170
END EVENT	Old NHH MOA sends D0149/D0150 to new NHH MOA by +5 WD of Date Action Req'd by	Sent date of D0149/D0150.

Example calculation of PARMS Submission for NM04

Data Provider: Old NHH MOA

Key Data Table				PARMS Submissions (Reporting Period t=June 2003, t-1 = May 2003)			NOTES
D0170 Receipt Date	Date Action Req'd by (J0028)	Sent date of D0149/D0150	+/-WD elapsed (Sent date – J0028)	Standard 1 No. of D0170 received	Standard 2 No. of responses pending	Standard 3 Percentage sent by +5 WD	
14/05/03	16/05/03	14/05/03	-2	+1		✓	
21/05/03	23/05/03	27/05/03	1	+1		✓	
29/05/03	30/05/03	-	-	+1	+1		Counted as pending for this month
29/05/03	24/06/03	24/06/03	-				Excluded as J0028 is > +15WDs after t-1
June 2003 SUBMISSION				3	1	2/3=66%	

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4.16 HM01 - HH Meter Faults: Time Taken to Resolve (t-1)

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

HM01: 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 HHDC to MOA giving notification of suspected fault.	Sent Date of D0001
END EVENT	Receipt of D0002 by HHDC from MOA reporting resolution of the issue or DC manual process for confirming fault is properly resolved.	J0014 Date of Action or HHDC confirmation.

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

Example calculation of PARMS Submission for HM01

Data Provider: HHDC

Key Data Table			***PARMS Submissions (Reporting Period t=May 2003, t-1 = April 2003)***				***NOTES***
Receipt 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*	
23/4/03	*-*	*-*	*+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***

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Receipt 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	
23/04/03	2/06/03	25	0	+1	-1	25	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	
29/05/03	2/07/03	-	+1		+1		The end event is outside the reporting month as so is regarded as pending for this month
June 2003 SUBMISSION			2	2	1-1+1=1	(25+8)/2=16.5	Pending total is still 1

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4.17 HM04 – Provision of HH METD to HHDC (t-1)

95% of METDs to be received by DC by +5 WDs of required date and 100% to be received by DC by +15 WDs of all start events of change of DC, concurrent change CoS/DC. This Serial relates to both energised and de-energised Metering Systems. Data item J0219 in the D0148 gives details of EFD for DCA.

If the Effective From Date by in the D0148 is greater than +5 WDs after the end of the period t-1 then the D0148 should not be counted as it may lead to incorrect pending counts.

HM04: Key Data

D0148 Notification of Change to Other Parties

Notification of New appointments or terminations of appointments of other parties to the relevant Supplier Agent

D0268 Half Hourly Meter Technical Details

Half Hourly Meter Technical Details are transferred when there is a change in equipment, configuration or upon change in Agent.

	Scenario	Key Measurement Data
START EVENT	HH MOA Receives ID of new HHDC from Supplier for new/re-configured metering system or on change of Measurement Class with concurrent change in HHDC or solely change of HHDC.	Receipt of D0148
END EVENT	Dispatch of corresponding D0268 by HH MOA to HHDC for corresponding MSID.	This may be interpreted as the "Sent Date" of the D0268 from the HH MOA to the HHDC.

Example calculation of PARMS Submission for HM04

Data Provider: HH MOA

Key Data Table				PARMS Submissions (Reporting Period t=June 2003, t-1 = May 2003)				NOTES
Receipt Date of D0148	HHDC Effective From Date (J0219)	Sent Date of D0268	Working Days Elapsed (D0268 Sent) – (J0219)	Standard 1 Total No. of Requests in Period	Standard 2 No. of responses Pending	Standard 3 Percentage Received in +5 WDs	Standard 4 Percentage Received in +15 WDs	
05/05/03	08/05/03	06/06/03	> +20 WD	+1				Received in month t-1. The Agent has failed the standard.
05/05/03	05/05/03	06/05/03	+1 WD	+1		✓	✓	Received in month t-1 on the day of the HHDC effective from date. From the drill-down data it can be seen that the HH

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								MOA has sent on the D0268 within +5 WDs (and therefore also +15 WDs).
05/05/03	*07/05/03*	*05/05/03*	*-2 WDs*	*+1*		✓	✓	*Received in month t-1 two days before the HHDC effective from date. The HH MOA has sent on the D0268 immediately – i.e. Days elapsed =-2WDs, so include in the +5 WDs (and therefore also +15 WDs) percentages.*
05/05/03	*07/05/03*	*-*	*> +15 WD*	*+1*	*+1*			*If the end event has still not occurred then the event should be recorded as Pending.*
05/05/03	*12/05/03*	*26/05/03*	*+10 WDs*	*+1*			✓	
June 2003 SUBMISSION				*5*	*1*	*2/5-= 40%*	*3/5 = 60%*	

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4.18 HM05 - Provision of HH METD to New HHMO (t-1)

95% to be received by incoming HH MOA by +5 WDs and 100% by +15 WDs of required date on change of HH MOA. This Serial relates to both energised and de-energised Metering Systems. The Requested Action Code (J0007) within the D0170 will be populated with '06'. MOA uses the J0028 field to ascertain the Date Action Required by.

If the Date Action Required by in the D0170 is greater than +5 WDs after the end of the period t-1 then the D0170 should not be counted as it may lead to incorrect pending counts.

HM05: Key Data

D0170 Request for Metering System Related Details

New HH MOA requests Metering System Related Details from old HH MOA or Supplier, following an isolated Change of Agent or as a consequence of any other change.

D0268 Half Hourly Meter Technical Details

Half Hourly Meter Technical Details are transferred when there is a change in equipment, configuration or upon change in Agent.

	Scenario	**Key Measurement Data**
START EVENT	Old HH MOA receives request for METD from new HH MOA	Receipt of D0170
END EVENT	Issue of D0268 to new HH MOA.	This may be interpreted as the "Sent Date" of the D0268 from the HH MOA.

Data Provider: Old HH MOA

Key Data Table			***PARMS Submissions (Reporting Period t=June 2003, t-1 = May 2003)***				***NOTES***
D0170 Receipt Date	***Sent date of D0268***	***+WD elapsed*** *(Sent date – Receipt Date)*	***Standard 1*** *No. of D0170 received*	***Standard 2*** *No. of responses pending*	***Standard 3*** *Percentage sent by +5 WD*	***Standard 4*** *Percentage sent by +15 WD*	
30/05/03	*12/06/03*	*9*	*+1*			✓	
27/05/03	*27/05/03*	*0*	*+1*		✓	✓	
28/05/03	*-*		*+1*	*+1*			*No end event as yet so counted as pending for this month*

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June 2003 SUBMISSION	*3*	*1*	*1/3=33%*	*2/3=66%*

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4.19 HM06 - Quality of D0268

HH Metering Equipment Technical Details should contain correct data, enabling successful proving of the relevant Metering System. If for example, an MOA is required to send a D0268 three times before a proving test is successful, the implication is that the data in the original file was not correct and it had to be revised and reissued twice. This Serial measures the number of D0268s received by the HHDC for the same MSID with the same Effective From Date, where the Sent Date of the D0268 lies within the reporting period.

NOTE: Data Providers should only check for D0268s resent for the same Effective From Date in the previous six months.

HM06: Key Data

D0268 Half Hourly Meter Technical Details

Half Hourly Meter Technical Details are transferred when there is a change in equipment, configuration or upon change in Agent.

	Scenario	***Key Measurement Data***
BUSINESS EVENT	HH MOA issues METD to HHDC	Receipt date of D0268

Example calculation of PARMS Submission for HM06

Data Provider: HHDC

Key Data Table			***PARMS Submissions (Reporting Period t= June 2003)***		
MSID	***Receipt Date of D0268***	***METD Effective From Date***	*No. of MSIDs for which METD received*	*Times D0268 has been sent for same EFD*	***STANDARD*** *Average number of METD sent per Metering System.*
20000000000011	*10/06/2003*	*29/05/2003*	-	~~*2nd*~~	*This is the second D0268 sent for this MSID. The first was sent in a previous reporting period (not loaded successfully).*
20000000000013	*15/06/2003*	*01/09/2003*	*1*	*1st*	*First D0268 (loaded successfully)*
20000000000017	*22/06/2003*	*30/06/2003*	*1*	*1st*	*First D0268 (loaded successfully)*
20000000000011	*26/06/2003*	*29/05/2003*	-	~~*3rd*~~	*This is the third D0268 sent for this MSID (not loaded successfully)*
20000000000011	*30/06/2003*	*29/05/2003*	*1*	*4th*	*This is the fourth D0268 sent for this MSID (loaded successfully)*
June 2003 SUBMISSION			***3***	***4+1+1=6***	***6/3 =2***

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

Type	Serial	Titled	Measurement On	Data Provider	Reporting Level	Supplier Validation Required?
Supplier	SP05	Retrospective Appointment of Agents	Supplier	DCs and Mos (HH & NHH)	Supplier, Agent	Yes
Supplier	SP03	Invalid Supplier Hubs	Supplier	ELEXON	Supplier, DA, GSP, Run Type	No
Supplier	SP06	D0148 flow from Suppliers	Supplier	DCs and Mos (HH & NHH)	Supplier, Agent, GSP Group	Yes
Supplier Hub	SH01	HH Data Aggregation Exceptions	Supplier Hub	HHDA	Supplier, GSP, HHDA	No
Supplier Hub	SH02	HH Defaults	Supplier Hub	HHDA	Supplier, GSP, HHDA	No
Supplier Hub	SH03	D0095 Exceptions	Supplier Hub	NHHDA	Supplier, GSP, DA	No
Agent	DA01	NHH and HH Aggregated Data for all Runs	NHH/HHDA	SVAA	DA, GSP	No
Agent	DA02	Timely Application of LLF	HHDA	HHDA	DA	Yes
Agent	NC01	D0023 Exceptions	NHHDC	NHHDA	NHHDC	No
Agent	NC02	Inter Hub Data Transfer DC to DC Meter Reads & History	NHHDC	NHHDC (old)	NHHDC, Supplier - national	Yes
Agent	NC03	NHHDC-NHHDA Meter Read History	NHHDC	NHHDC	NHHDC, Supplier - national	Yes
Agent	HC01	HH Estimates at RF	HHDC	HHDC	HHDC, Supplier - national	Yes
Agent	HC02	HH Read History to New HHDC	HHDC	HHDC (old)	HHDC, Supplier - national	Yes
Agent	NM01	NHH Meter Faults: Time Taken to	NHHMO	NHHDC	NHHMO,	Yes

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Type	Serial	Titled	Measurement On	Data Provider	Reporting Level	Supplier Validation Required?
		Resolve			Supplier - national	
Agent	NM02	Provision of Initial/Final Reads by NHHMO	NHHMO	NHHDC	NHHMO, Supplier - national	Yes
Agent	NM03	Provision of NHH METD to NHHDC	NHHMO	NHHMO	NHHMO, Supplier - national	Yes
Agent	NM04	Provision of NHH METD to New NHHMO	NHHMO	NHHMO (old)	NHHMO, Supplier - national	Yes
Agent	HM01	HH Meter Faults: Time Taken to Resolve	HHMO	HHDC	HHMO, Supplier - national	Yes
Agent	HM02	Provision of Initial/Final Reads by HHMO	HHMO	HHDC	HHMO, Supplier - national	Yes
Agent	HM03	Proving of a Metering System - Compare Collected Data with Expected Data	HHMO	HHDC	HHMO, Supplier - national	Yes
Agent	HM04	Provision of HHMETD to HHDC	HHMO	HHMO	HHMO, Supplier - national	Yes
Agent	HM05	Provision of HHMETD to New HHMO	HHMO	HHMO (old)	HHMO, Supplier - national	Yes
Agent	HM06	Quality of D0268	HHMO	HHDC	HHMO, Supplier - national	Yes

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

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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 Realted Details
D0214	Confirmation of Proving Tests
D0235	Half Hourly Aggregation Exception Report
D0265	Line Loss Factor Data File
D0268	Half Hourly Meter Technical Details

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

Output Data		
Serial	**Titled**	**FILETYPE**
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
SP05	Retrospective Appointment of Agents	P0143001
SP06	D0148 Flow from Suppliers	P0144001
NC02	NHHDC to NHHDC Meter Reads & History	P0150001
NM03	Provision of NHH METD to NHHDC	P0156001

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NM04	Provision of NHH METD to New NHHMO	P0157001
HM01	HH Meter Faults: Time Taken to Resolve	P0158001
HM04	Provision of HH METD to HHDC	P0161001
HM05	Provision of HH METD to New HHMO	P0162001
HM06	Quality of D0268	P0163001

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