

## CP1325 Attachment – BSCP533 Appendix B v14.0 Redlined Text

### Section 1 – no changes

## 2. Notes on Submissions

### 2.1 Classification of Serials

The PARMS Serials measure performance on ~~four~~three levels, these are:

- Trading Arrangements
- Supplier
- ~~Supplier Hub~~
- Agent

Each Serial level type is denoted by a two letter prefix followed by a two digit number as follows:

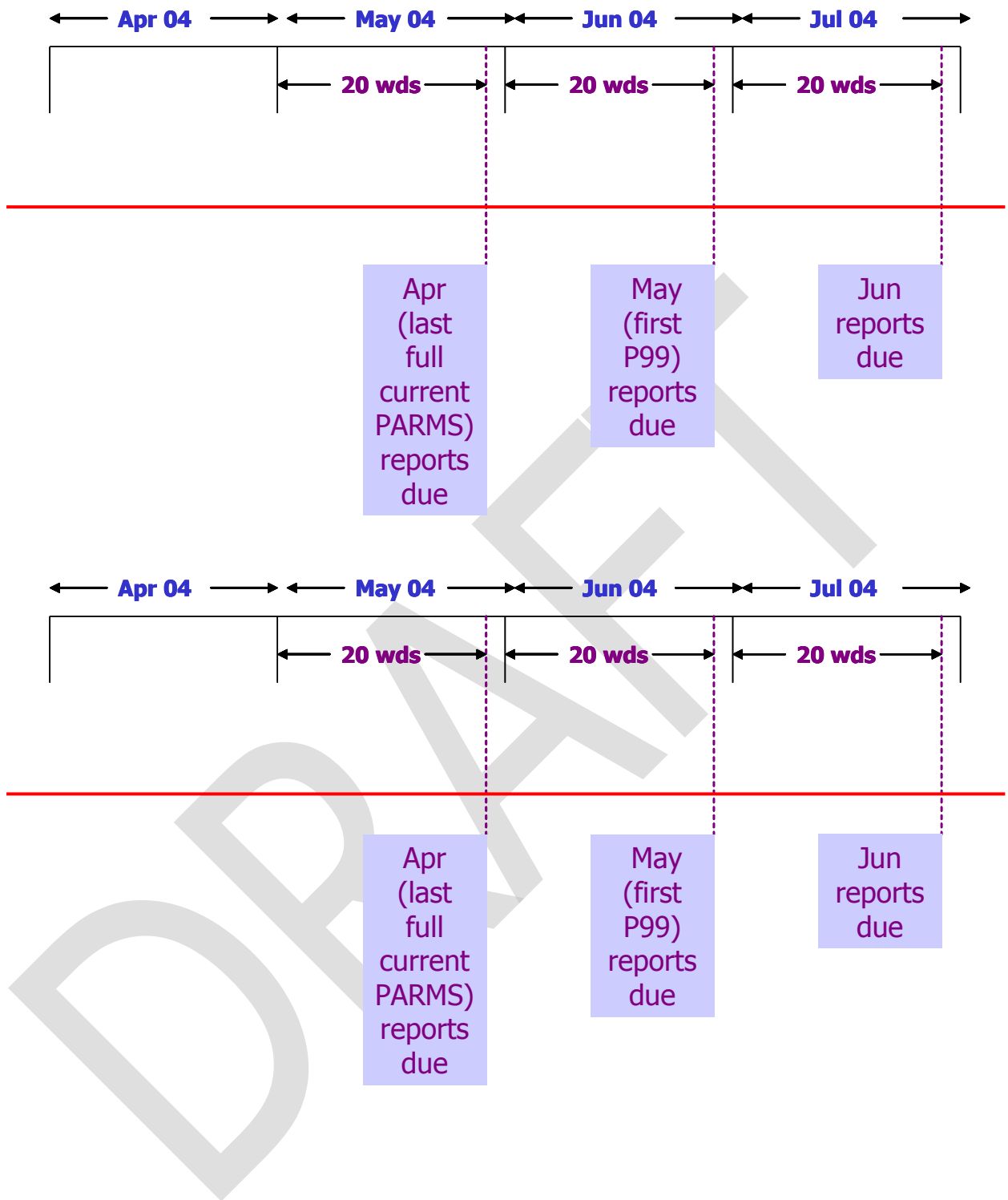
- Trading Arrangements (TA)
- Supplier (SP)
- ~~Supplier Hub (SH)~~
- Supplier Agent (~~HC for HHDC or NC for NHHDC or HM for HHMO or NM for NHHMO or DA for DAs~~)

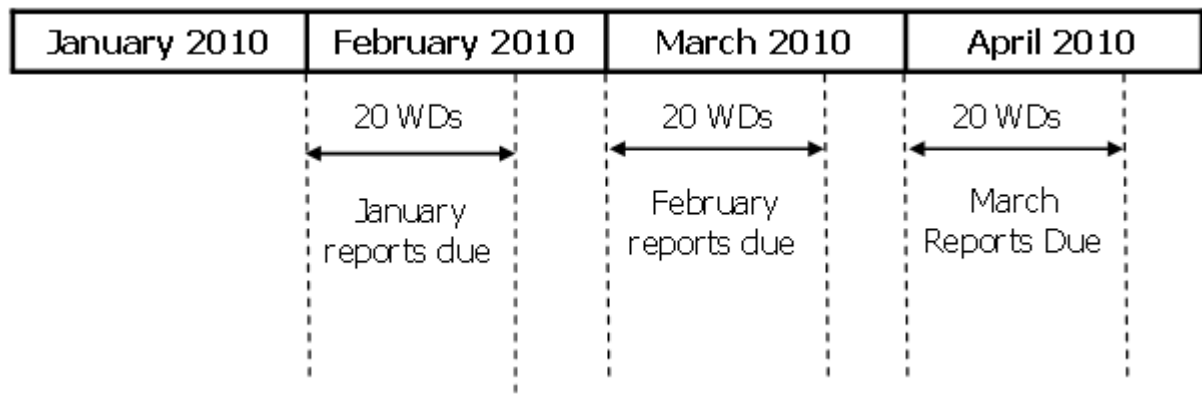
This document concerns itself primarily with those Serials reported by Suppliers, Supplier Agents and SMRAs and the data reported by them. A full list of Serials is included as ~~Appendix~~Annex A denoting who is responsible for reporting each Serial.

### 2.2 PARMS Reporting

The first period (calendar month) for PARMS reports relating to this BSCP will be the reporting period ~~May~~November 2004~~2010~~. This will measure performance where the 'Start Event' is within the calendar reporting month (i.e. start events from ~~1-31 May 2004~~1 November – 30 November 2010). PARMS reports are to be received by no later than 20 ~~W~~working ~~D~~elays (WDs) after the end of the reporting period (see diagram below for an example, and BSCP533 section 5.9 for more information).

For details on PARMS reporting for reporting periods prior to November 2010, please also see BSCP533 Appendix C.





### 2.3 t-1 Serials

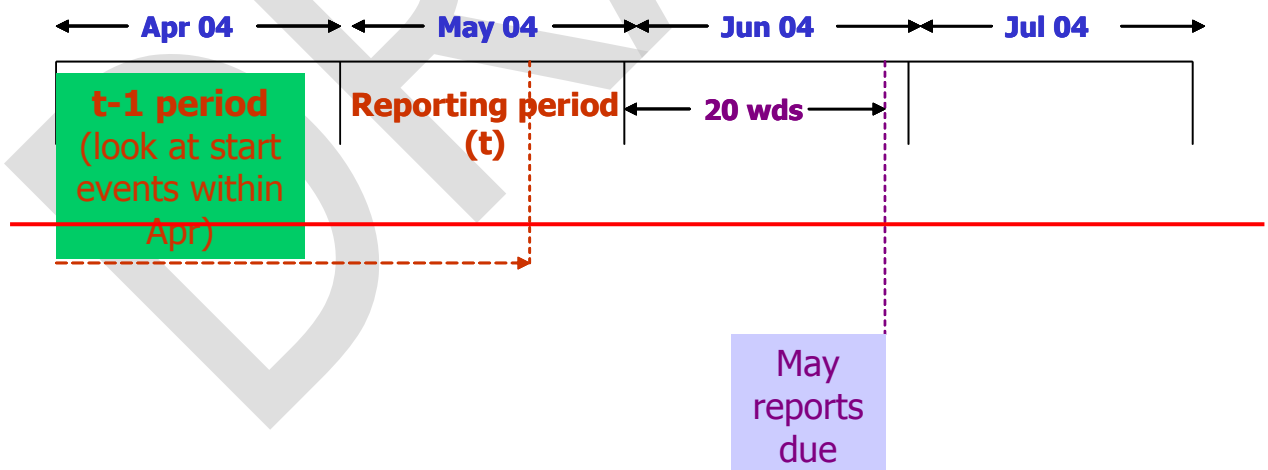
A number of Serials will have 'End Events' that may occur a number of ~~w~~Working ~~D~~days beyond the end of the calendar reporting month. Therefore if a start event occurs on the last day of the reporting month there may be a number of days (up to 15 WDs in some cases) within which the standard allows the process to be completed. This may not leave the data provider time to see if the process has completed within the allowable time scales prior to generating or submitting their PARMS returns.

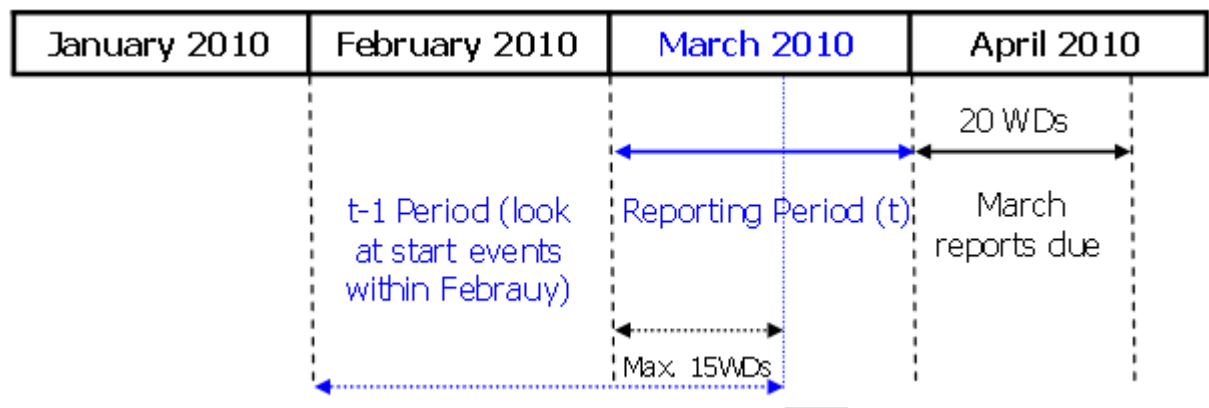
A number of Serials have therefore been designated as t-1 Serials. This means that for a reporting period t, a t-1 Serial measures performance for Start Events that occurred in the calendar month immediately prior to the reporting period ([see diagram below](#)).

*For example if the reporting period (t) = February, then*

*t-1 = January*

*a t-1 Serial will look at start events that occurred on 1-31 January.*





In this way we can measure whether a Serial has completed within timescales and if it remains pending we can be sure that the performance is well outside the standard.

The following Serials are t-1 Serials:

- ~~HC02, NC02, NC03, NM01, NM03, NM04, HM01, HM03, HM04, HM05.~~

## 2.4 Pending Events

~~The following t-1 Serials A number of Serials report 'pending events'.~~  
~~report 'pending events':~~

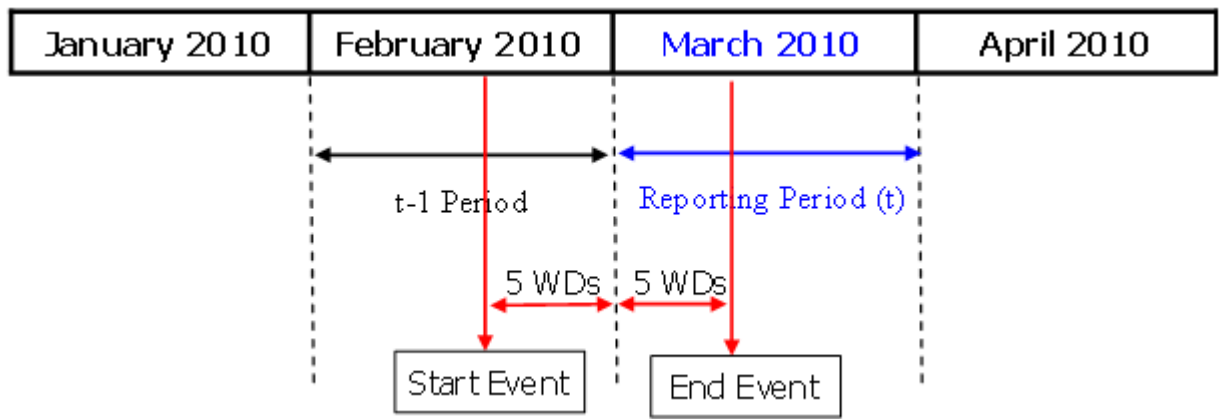
- ~~HM01, NM03, NM04, HM04, and HM05~~

A pending event is ~~one where the process has not been completed by the end of the reporting period (t) an event that has not completed at the end of the Reporting Period~~ (i.e. there has not yet been an end event for a corresponding start event). Pending events should be a rolling total to allow monitoring of clearance of activities.

The following ~~four slides diagrams~~ illustrate where events are recorded as pending ~~and where they are not. All examples use +15WDs from the start event as the standard (15 WDs to complete the process). Not all Serials have +15WDs as a standard. Refer to the individual Serial description for their specific requirements.~~

~~Please see BSCP533 section 1.8.2 for more information on counting Working Days.~~

[Pending Example 1](#)

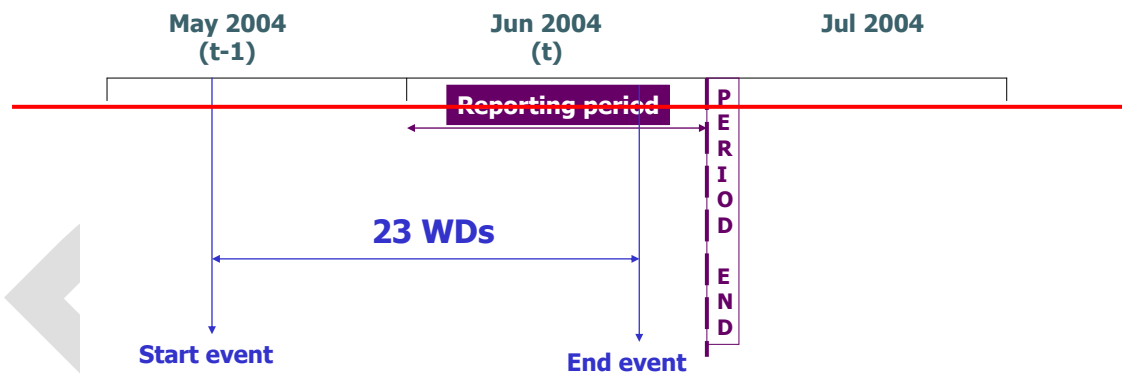


- Process completed within standard (+15 WDs)
- Process completed within reporting period (t)
- **Not included** in pending count

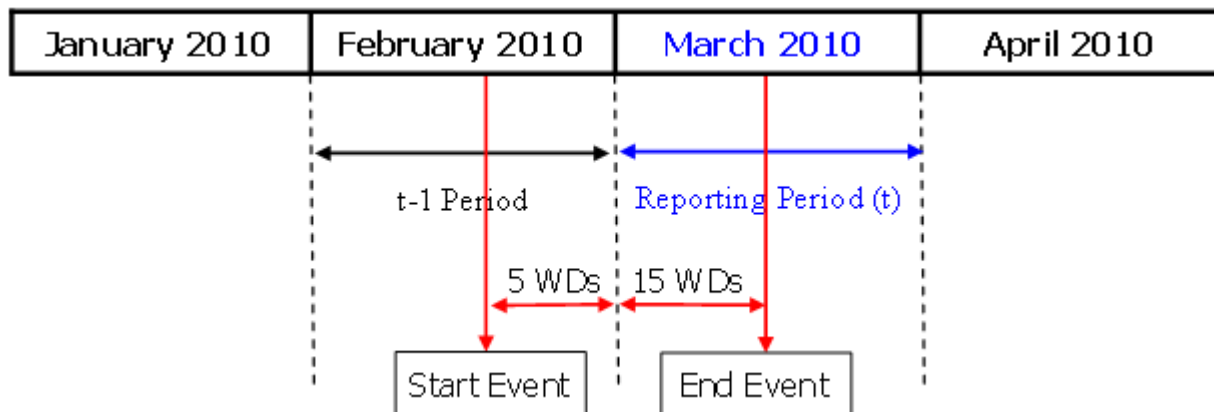
[Pending Example 2](#)

## Pending events – 2 Activity has to complete within 15WDs

ELEXON



**Event not completed within allowed timescales but  
has completed within reporting period so not  
pending.**

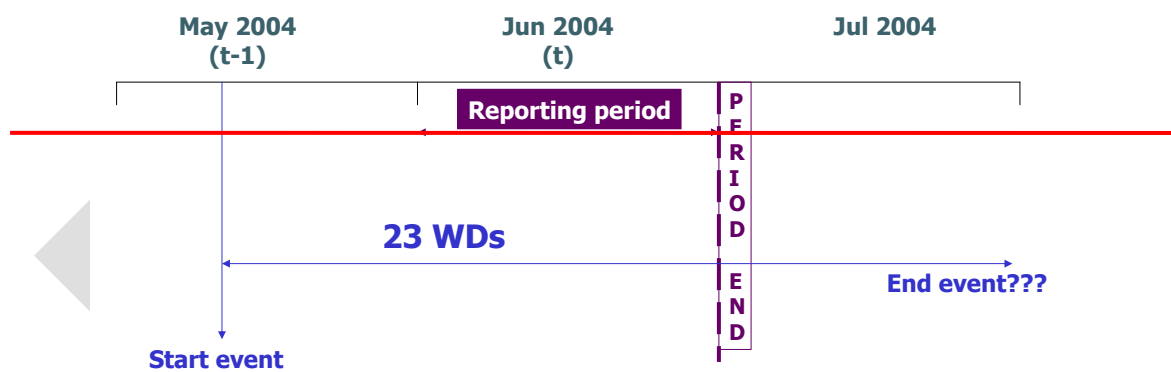


- Process completed outside standard (+15WDs)
- Process completed within reporting period (t)
- **Not included** in pending count

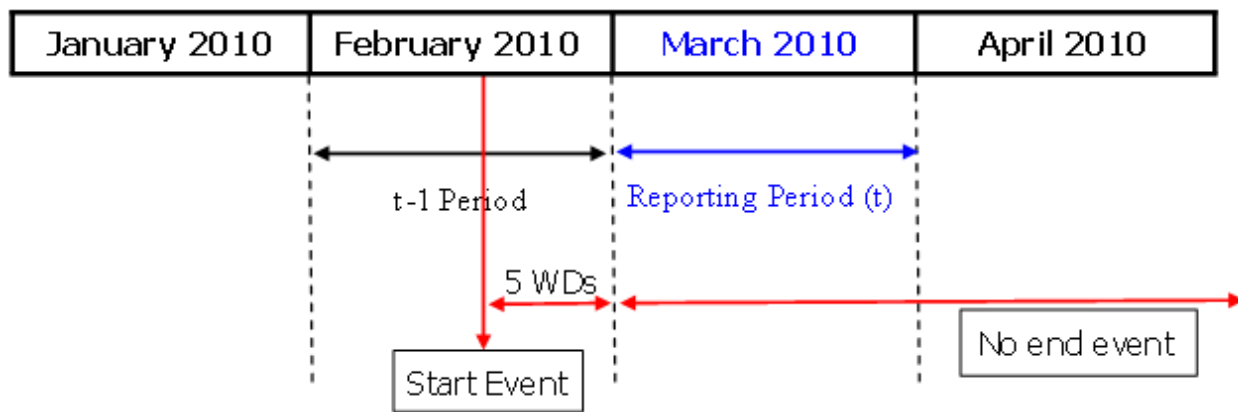
[Pending Example 3](#)

### Pending events – 3 Activity has to complete within 15WDs

ELEXON



**Event not completed within allowed timescales and  
remains incomplete – recorded as pending**



- [Process has exceeded standard \(+15 WDs\)](#)
- [Process not complete \(no end event\)](#)
- [Record as pending](#)

## 2.4A Exclusions from Reporting

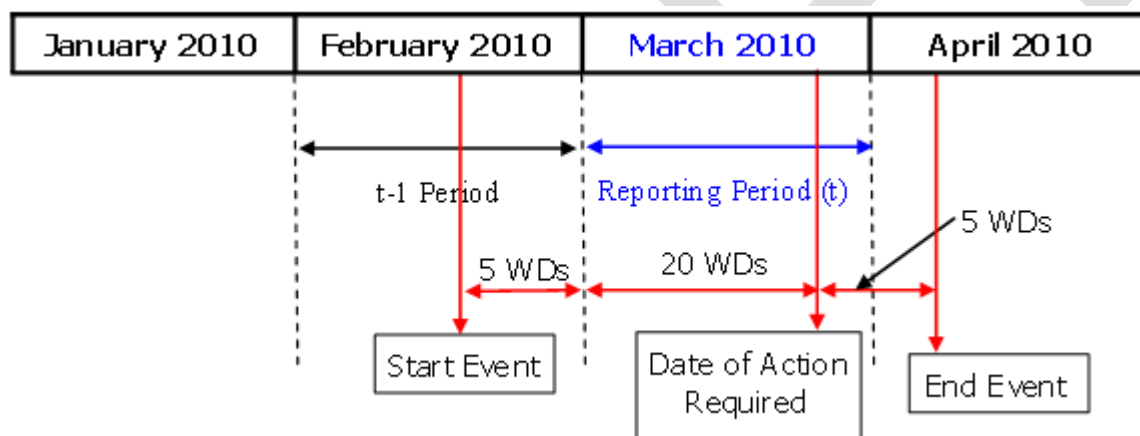
In order to avoid incorrect pending counts, some start events (receipt of Data Flow) for NC02, NM03, NM04, HM04, and HM05 need to be excluded from reporting.

Performance against these Serials is dependent upon information being provided by the relevant agent within a defined deadline. This deadline refers to a 'date of action' contained within the received flow (Start Event).

For example – NM03 measures the requirement of the NHH MOA to send NHH METD to the new NHHDC by +5WD from a 'the EFD of the new NHHDC. The start event for this process is the receipt of a D0148 by the NHH MOA from the Supplier, informing it of a new NHHDC appointment. One of the data items in the D0148 flow is J0219 – EFD of DCA. The NHHMOA has +5WDs from this date to submit the D0149/D0150 to the NHHDC (the end event), to meet its obligation.

This 'date of action', varies with each Serial, but will usually be a date later than the start event.

Given the nature of reporting t-1 Serials, if the date of action is close to the end of the reporting period (t), there is a risk that the process could be completed after the end of the reporting period (t), but still within the agreed deadlines (standard). As shown in the diagram below, this would be counted as pending for the reporting period (t) and as a failure by that agent, despite the obligation (standard) having been met.



- Process completed within standard (+5WDs)
- Process completed outside reporting period (t)
- Process would be recorded as pending
- Process would be recorded as a failure against the standard despite the standard having been met

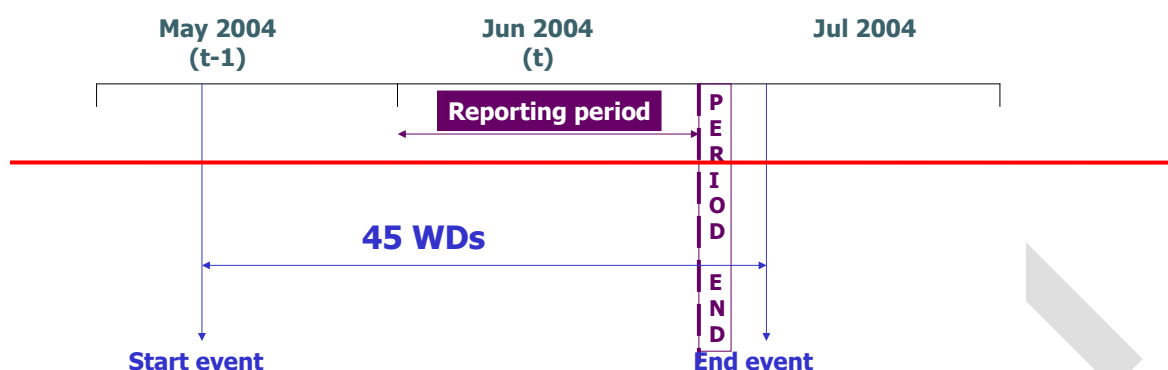
As a result, the start events for the Serials as detailed in the table below should be excluded if the 'date of action' is greater than +(x)WDs after the end of the period t-1.

Serial	Date of Action Detailed on:		Pending Count	Exclude where Date of Action is >+(x)WDs after t-1
	Data Flow	Data Item		
HM04	D0148	J0219	Yes	+5WDs
NM03	D0148	J0219	Yes	+15WDs
HM05	D0170	J0028	Yes	+5WDs
NM04	D0170	J0028	Yes	+15WDs
NC02	D0170	J0028	No	+10WDs



## Pending events – 4 Activity has to complete within 15WDs

ELEXON



**Event not completed within allowed timescales and was incomplete at the end of the reporting period – recorded as pending.**

### Section 2.5 – 2.11 no changes

#### 2.12 Receipt and Sent dates

The document refers to a number of start and end events that are associated with the receipt and sending of data flows. In accordance with the approach taken in Party Service Line 100 'Generic Non Functional Requirements for Licensed Distribution System Operators and Party Agents' and the relevant BSCPs, wherever the Data Transfer Network is used for transfer then the receipt/send boundaries are measured using the date/timestamp that is inserted at the Gateway.

#### 2.13 ~~Serials not associated with SP01 Not Used~~

~~A number of Serials are required for monitoring but will not be subject to SP01 (completeness checking). These Serials will therefore not need to be sent in accordance with the SP01 20 WDs PARMS reporting timetable but as agreed between the Data Providers and the PAA.~~

~~The Serials affected are:~~

~~SH01—HH Data Aggregation Exceptions (via a copy of the D0235)~~

~~SH02—HH Defaults (via a copy of the D0235)~~

~~SH03—D0095 Exceptions (via information from the D0095, see 3.2.3).~~

~~NC01—D0023 Exceptions (via information from the D0023, see 3.2.5).~~

~~Timetables for reporting SH03 and NC01 will be agreed once the process for data capture has been agreed.~~

~~Copies of D0235 files will continue to be provided to BSCCo by HHDA's daily.~~

### 3 Serials

PARMS Serials are reported as t or t-1 Serials. For more information please see sections 2.2 and 2.3 of this appendix.

For more guidance on how to count Working Days (WDs) please see BSCP533 section 1.8.2.

#### 3.1 Supplier

##### 3.1.1 SP04 – Installation of HH Metering

All 100kW Metering Systems must be installed with the appropriate Half Hourly (HH) Metering Equipment.

Suppliers have 3 months after a Metering System first becomes a 100kW Metering System in which to install an HH Meter (the SP04 exclusion period).

If the SP04 exclusion period passes without HH Metering being installed, the Metering System must be reported via the SP04 Serial.

A Metering System is a 100kW Metering System (and therefore requires an HH Metering System) where:

(a) The average of the maximum monthly electrical demands in the three months of highest maximum demand exceeds 100kW:

- in the previous twelve months; or,
- in the period since the most recent Significant Change of Demand,

**whichever is the shorter.**

(b) A Supplier identifies a Metering System to have a maximum demand in excess of 100kW;

(c) Where the Profile of a Customer's electrical demand in relation to a Metering System implies an average of the maximum monthly electrical demands in the three months of highest maximum demand exceeding 100kW in:

- the previous twelve months; or
- the period since the most recent Significant Change of Demand,

**whichever is the shorter.**

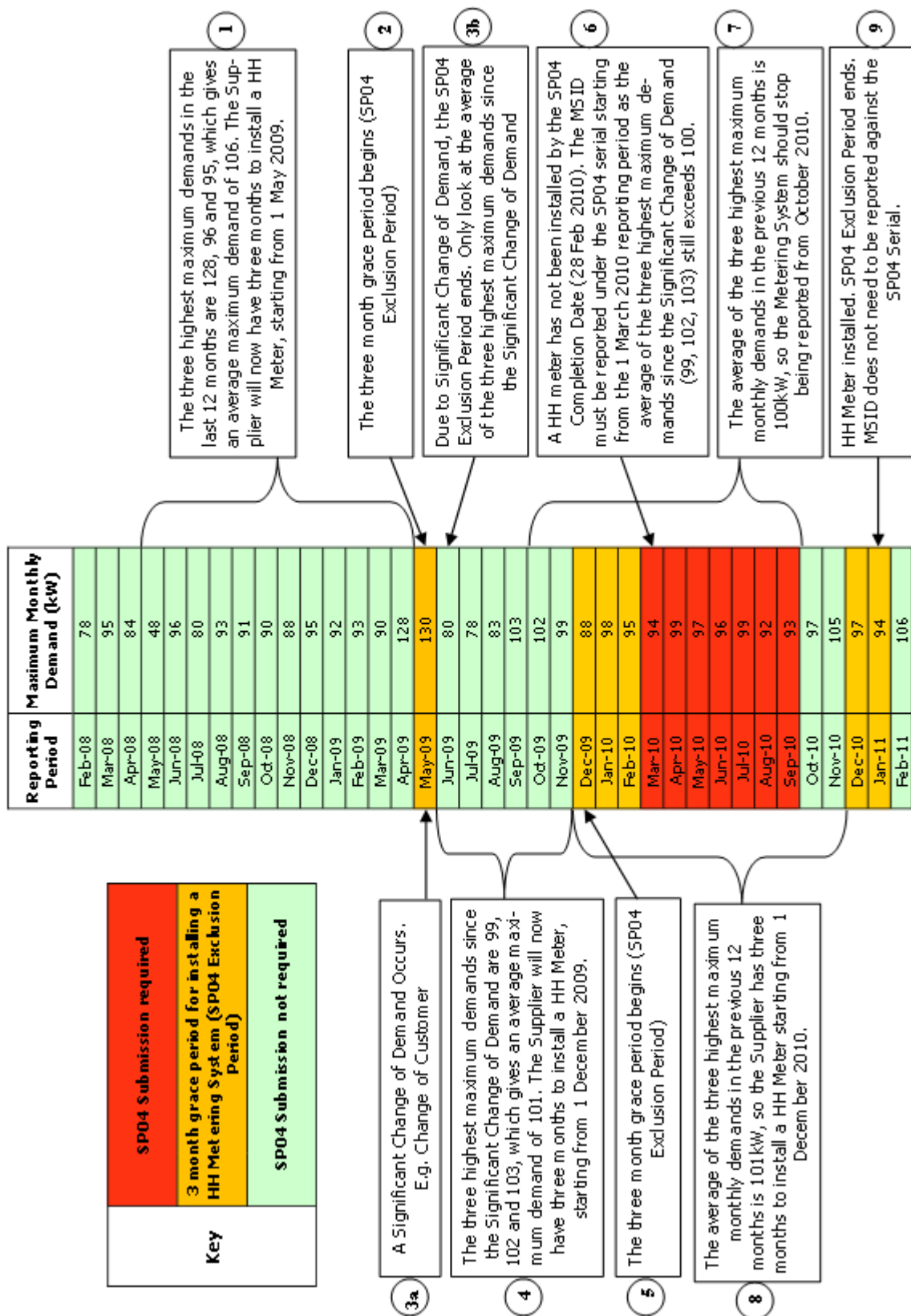
Suppliers should only report the SP04 Serial where 100kW Metering Systems have not had HH Metering installed after the end of the SP04 exclusion period.

If a HH Metering System no longer qualifies as a 100kW Metering System then it should not be reported via the SP04 Serial unless and until the criteria are subsequently met.

Where a Supplier has no qualifying sites to report this Serial should be completed using nulls. The diagram below shows an example where an MSID should be submitted within a SP04 file. All 100kW Metering Systems should have installed the appropriate HH metering.

Suppliers have 3 months after the detection of a site that has qualified as a 100kW Metering System in which to install an HH meter. Therefore, the latest 'start' point of this Serial is the receipt of the 3<sup>rd</sup> consecutive D0010 or P0028 report identifying a site as 100kW Metering System.

Suppliers should only provide data for those 100kW Metering Systems where a HH meter is not installed but should have been. Where a Supplier has no qualifying sites to report this Serial should be completed using nulls.



**SP04: Key Data****D0010 Meter Readings**

The data contained in this flow would indicate whether the site should be regarded as 100kW.

**OR**

**P0028 100kW Demand Report**

Sent by a NHHDC following a site visit.

**OR**

Independently identified by the Supplier.

**D0268 Half Hourly Meter Technical Details**

Half Hourly Meter Technical Details are issued to confirm HH metering has been installed.

	Scenario	Key Measurement Data
START EVENT	<u>SP04 exclusion period has ended and Receipt of third consecutive D0010 or P0028 indicating 100kW demand. MSID still qualifies as a 100kW Metering System (see section 3.1.1 above) and HH metering has not been installed.</u>	<u>Receipt date of D0010 or P0028. Date MSID was identified as a 100kW Metering System.</u>
END EVENT	<u>Confirmation that HH meter has been installed via D0268. Or where a Metering System no longer qualifies as a 100kW Metering System (see section 3.1.1 above).</u>	<u>Date of Meter Installation Effective from Settlement Date on D0268 (J1254). Or Supplier's internal monitoring.</u>

The table on the following page shows the application of this key data for determining the standards to report for this Serial.

NOTE: The Reporting Period is described as Month t. The month before the Reporting Period is described as (Month t- 1). The Supplier must submit data to PARMS 20 working days after the end of the reporting period.

**Example calculation of PARMS Submission for SP04**

Key Data Table			PARMS Submissions (Reporting Period t=June 2003)			NOTES
Identification of 100kW site ( <del>receipt date of D0010 or P0028 or notification by Supplier</del> )	HH Meter Installation Deadline	<u>Receipt Date of D0268 confirming installation Effective from Settlement Date on D0268 (J1254)</u>	Standard 1 Aggregated Required Installed MSID-Days in Month HH 100kW Site (June = 30 days)	Standard 2 Aggregated Not Installed MSID-Days in Month HH 100kW Site	Standard 3 Percentage Not Installed MSID-Days in Month HH 100kW Site	The data shown below is assumed to be for a single combination of GSP Group and Supplier.
28/02/03	28/05/03	10/06/03	30	10	33.3	This failure has followed on from the previous month – all of June should have been 'installed days', and should be included as it is a failure for this month as well.
05/03/03	05/06/03	20/06/03	30 - 5 = 25	15	60.0	Supplier has had up to 05/06/03 to install an HH meter. After this, there are 25 days remaining in the month where an HH meter should have been installed.
12/03/03	12/06/03	23/05/03	0	0	0.0	End date is in May so has completed within 3 months.
24/03/03	24/06/03	30/06/03	30 – 24 = 6	6	100.0	
24/06/03	24/09/03	<u>[CP1325]</u> --	0	0	0.0	A 100kW site has been identified, but deadline for action has not yet been reached.

<u>15/04/03</u>	<u>15/07/03</u>	=	=	=	=	<u>A 100kW site was identified, but no longer qualifies.</u>
<b>June 2003 SUBMISSION</b>			30	10	10/30 = 33.3%	
			25	15	60.0%	
			6	6	100.0%	

## **3.2 ~~Data Aggregators~~Not Used**

### **3.2.1 ~~SH01~~ HH Data Aggregation Exceptions**

~~Send copies of D0235 DA Exception reports to ELEXON (already being provided by HHDA's). SP01 shall not apply to this Serial.~~

### **3.2.2 ~~SH02~~ HH Defaults**

~~See section 3.2.1. SP01 shall not apply to this Serial.~~

### **3.2.3 ~~SH03~~ D0095 Exceptions**

~~NHHDA's are required to submit monthly D0095 reports to [PARMS@claxon.co.uk](mailto:PARMS@claxon.co.uk). Reports should be provided within 20 WDs of the end of each month using the reporting function provided in the NHHDA software. This information is not considered part of the main suite of Serials and SP01 shall not apply.~~

### 3.2.4 ~~DA02—Timely Application of LLF~~Not Used

By the time of each Volume Allocation Run, the number of default LLFs being applied by HHDA's 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 HHDA's 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

<del>Key Data Table</del>			<del>PARMS Submissions (Reporting Period t=June</del> <b>2003</b>
<del>Reconciliation Run Date</del>	<del>Settlement Day</del>	<del>Run Type</del>	<del>Standard 1</del> 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

### Section 3.2.5 – 3.3.2 no changes

### 3.3.3 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 {REGI} or {DCA}	Sent Date of D0010 and D0152 (whichever is later)	+WD elapsed (Sent date of D0010 or D0152 (whichever is latest) – J0028)	<u>Standard 1</u> Total no of requests in period	<u>Standard 2</u> % 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

						<u>received.</u>
5/05/03	13/05/03	20/05/03	6	+1		CoA only, therefore timescale is {DCA}+5WD.
30/05/03	03/06/03	5/06/03	2	+1	+1	
<b>June 2003 SUBMISSION</b>				4	2/4=50%	

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### 3.3.4 ~~NC03—NHHDC—NHHDA Meter Read History (t-1) Not Used~~

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.~~

	<b>Scenario</b>	<b>Key Measurement Data</b>
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~~

<b>Key Data Table</b>			<b>PARMS Submissions (Reporting Period t=June 2003, t-1 = May 2003)</b>			<b>NOTES</b>
<b>Receipt Date of D0148</b>	<b>Sent Date of D0019</b>	<b>Working Days Elapsed</b>	<b>Standard 1 Total No. of D0148 received</b>	<b>Standard 2 No. of responses Pending</b>	<b>Standard 3 Percentage Sent by +15WD</b>	
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 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

						<i>visibility of whether the standard has been met.</i>
<i>30/05/2003</i>	<i>19/06/2003</i>	<i>-14</i>	<i>+1</i>		<i>✓</i>	
<b><i>June 2003 SUBMISSION</i></b>			<i>5</i>	<i>1</i>	<i>60%</i>	

### **3.3.5 HC01 HH Estimates at RF Import Metering only**~~Not Used~~

~~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.

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

### **3.3.6 HC02 HH Read History to New HHDC (t-1) Not Used**

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.*

	<b>Scenario</b>	<b>Key Measurement Data</b>
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.

**Example calculation of PARMs Submission for HC02**

**Data Provider: Old HHDC**

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

**3.3.7 NM01 – NHH Meter Faults: Time Taken to Resolve (t-1) Not Used**

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.*

	<b>Scenario</b>	<b>Key Measurement Data</b>
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**

<b>Key Data Table</b>			<b>PARMS Submissions (Reporting Period <math>t</math>=May 2003, <math>t-1</math>=April 2003)</b>				<b>NOTES</b>
<b>Sent Date of D0001</b>	<b>Date of Action in D0002 (J0014) or confirmation that fault corrected</b>	<b>+WD elapsed (J0014-D0001)</b>	<b>Standard 1</b> Total no. faults raised in month	<b>Standard 2</b> No. faults resolved	<b>Standard 3</b> No. of faults pending resolution	<b>Standard 4</b> 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
<b>May 2003 SUBMISSION</b>			<b>1</b>		<b>1</b>		

<b>Key Data Table</b>			<b>PARMS Submissions (Reporting Period <math>t</math>=June 2003, <math>t-1</math>=May 2003)</b>				<b>NOTES</b>
<b>Sent Date of D0001</b>	<b>Date of Action in D0002 (J0014) or other confirmation.</b>	<b>WD elapsed (J0014-D0001)</b>	<b>Standard 1</b> Total no. faults raised in month	<b>Standard 2</b> No. faults resolved	<b>Standard 3</b> No. of faults pending resolution	<b>Standard 4</b> 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.



<i>19/05/03</i>	<i>02/07/03</i>	<i>-</i>	<i>+1</i>		<i>+1</i>		<i>The end event was still outstanding at the end of June so is recorded as pending for this month.</i>
<b><i>June 2003 SUBMISSION</i></b>			<i>2</i>	<i>2</i>	<i>1-1+1=1</i>	<i>(42+8)/2=25</i>	<i>Pending total is still 1</i>

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### **3.3.8 NM02—Provision of NHH Initial and Final Reads by NHHM**~~Not Used~~

~~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**

<b><u>Key Data Table</u></b>				
<b><u>Receipt Date of D0010</u></b>	<b><u>Reading Date on D0010 (J0016)</u></b>	<b><u>+WD elapsed (receipt date—J0016)</u></b>	<b><u>Standard 1 Count of Initial/Final Read Requests in Period</u></b>	<b><u>Standard 2 Percentage Initial/Final Reads received by +10WD</u></b>
<del>06/06/03</del>	<del>02/06/03</del>	<del>j—3</del>	<del>k—+1</del>	<del>l—+1</del>
<del>27/06/03</del>	<del>13/06/03</del>	<del>e—8</del>	<del>p—+1</del>	<del>q—+1</del>
<del>30/06/03</del>	<del>12/05/03</del>	<del>t—12</del>	<del>u—+1</del>	
<b><u>June 2003 SUBMISSION</u></b>			<del>3</del>	<del>2/3=66%</del>

### **Section 3.3.9 – no changes**

### **3.3.10 HM02—Provision of HH Initial and Final Reads by HHMO**~~Not Used~~

~~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**

<b><u>Key Data Table</u></b>				
<b><u>Receipt Date of D0010</u></b>	<b><u>Reading Date on D0010 (J0016)</u></b>	<b><u>+WD elapsed (receipt date—J0016)</u></b>	<b><u>Standard 1 Count of Initial/Final Read Requests in Period</u></b>	<b><u>Standard 2 Percentage Initial/Final Reads received by +10WD</u></b>
<del>ya</del> 06/06/03	<del>wb</del> 02/06/03	<del>xc</del> 4	<del>yd</del> +1	<del>ze</del> +1
<del>aaf</del> 27/06/03	<del>bbq</del> 13/06/03	<del>eeh</del> 10	<del>ddi</del> +1	<del>eej</del> +1
<del>ffk</del> 30/06/03	<del>ssl</del> 12/05/03	<del>hmm</del> 12	<del>inn</del> +1	
<b><u>June 2003 SUBMISSION</u></b>			<b><u>3</u></b>	<b><u>2/3=66%</u></b>

**3.3.11 HM03—Proving of a Metering System (t-1) Not Used**

~~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~~

The timescales for attempting a Proving test are:

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

	<b>Scenario</b>	<b>Key Measurement Data</b>
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)**

<i><b>Sent Date of D0003</b></i>	<i><b>Receipt Date of D0214 or D0002</b></i>	<i><b>CoP</b></i>	<i><b>WD elapsed</b></i>	<i><b>Standard-1  Number of Proving Tests required</b></i>	<i><b>Standard-2  Number of Proving Tests pending</b></i>	<i><b>Standard-3  Percentage of confirmations received by appropriate +WDs</b></i>
<i>5/05/03</i>	<i>8/05/03</i>	<i>1</i>	<i>3</i>	<i>+1</i>		<i>+1</i>
<i>12/05/03</i>	<i>19/05/03</i>	<i>3</i>	<i>4</i>	<i>+1</i>		<i>+1</i>
<i>20/05/03</i>	<i>-</i>	<i>5</i>	<i>-</i>	<i>+1</i>	<i>+1</i>	
<i><b>June 2003 SUBMISSION</b></i>				<i>3</i>	<i>1</i>	<i>66.6%</i>

### Section 3.3.12 – 3.4.2 no changes

#### 3.4.3 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		✓	
<u>20/05/03</u>	<u>10/06/03</u>	=	=	<u>+1</u>	<u>+1</u>		<u>Counted as pending for this month</u>
<u>22/05/03</u>	<u>27/06/03</u>	<u>27/06/03</u>	=				<u>Excluded as J0219&gt;+15WDs after t-1</u>
<b>June 2003 SUBMISSION</b>				<u>2</u>	<u>0</u>	<u>100%1/2=50%</u>	

### 3.4.4 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
<u>29/05/03</u>	<u>24/06/03</u>	<u>24/06/03</u>	-				<u>Excluded as J0028 is &gt; +15WDs after t-1</u>
<b>June 2003 SUBMISSION</b>				3	1	2/3=66%	

### 3.4.5 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**

<b>Key Data Table</b>				<b>PARMS Submissions (Reporting Period <i>t=June 2003, t-1 = May 2003</i>)</b>				<b>NOTES</b>
<b>Receipt Date of D0148</b>	<b>HHDC Effective From Date (J0219)</b>	<b>Sent Date of D0268</b>	<b>Working Days Elapsed (D0268 Sent) – (J0219)</b>	<b>Standard 1 Total No. of Requests in Period</b>	<b>Standard 2 No. of responses Pending</b>	<b>Standard 3 Percentage Received in +5 WDs</b>	<b>Standard 4 Percentage Received in +15 WDs</b>	
05/05/03	08/05/03	06/06/03	> +20 WDs	+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 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 = -2 WDs, so include in the +5 WDs (and therefore also +15 WDs) percentages.
05/05/03	07/05/03	-	> +15 WDs	+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			✓	
<b>June 2003 SUBMISSION</b>				5	1	2/5 = 40%	3/5 = 60%	

### **Section 3.4.6 – 3.7.3 no changes**

#### **3.7.4 DA01 – NHH and HH Aggregated Data for All Runs Not Used**

~~Data Aggregators must ensure data is provided to the SVAA in time for the relevant settlement runs. The SVAA will provide a report detailing the performance of each HHDA and NHHDA, for each for each Settlement Run type, for each GSP Group, for each Reporting Period. The Serial will contain details of:~~

- ~~• The percentage of expected files received from DA in time for Volume Allocation Run.~~

### **Section 3.7.5 – 3.7.6 no changes**

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## ANNEX A - LIST OF P99 PARMS SERIALS

Type	Serial	Titled	Measurement on	Data Provider	Reporting Level	Supplier Validation <del>required</del> Required?
Trading Arrangements	TA01	GSP Group Correction Factor	Trading Arrangements	SVAA	GSP	No
	TA02	Annual Demand Ratio (ADR)		SVAA	GSP	No
Agent	CM01	CVA MOA Proving Tests	CVA MOA	CDCA	National by CVA MOA	No
Agent	CM02	CVA MOA Fault Resolution		CDCA	National by CVA MOA	No
Supplier	SP05	Retrospective Appointment of Agents	Supplier	DCs and MOs (HH & NHH)	Supplier, Agent	Yes
	SP01	Delivery of routine performance reports		ELEXON (PARMS)	Supplier by GSP	No
	SP02	Delivery of routine performance logs		ELEXON (PARMS)	Supplier by GSP	No
	SP03	Invalid Supplier Hubs		ELEXON	Supplier, DA, GSP, Run Type	No
	SP04	Installation of HH metering		Supplier	Supplier by GSP	No
	SP06	D0148 flow from Suppliers		DCs and MOs (HH & NHH)	Supplier, Agent, GSP Group	Yes
	SP07	SMRA & SVAA MSID Count		SVAA & SMRA	Supplier, DA, GSP, Run Type	No
	SP08	Energy and MSID on Actuals		SVAA	Supplier, GSP, Run Type, HH/NH	Yes
	SP09	NHH Defaults		SVAA	Supplier, GSP, Run Type	Yes
Supplier Hub	SH01	HH Data Aggregation Exceptions	Supplier Hub	HHDA	Supplier, GSP, HHDA	No
	SH02	HH Defaults	Supplier Hub	HHDA	Supplier, GSP, HHDA	No
	SH03	D0095 Exceptions	Supplier Hub	NHHDA	Supplier, GSP, DA	No
Agent	DA01	NHH and HH Aggregated Data for all runs	NHH/HH DA	SVAA	DA, GSP	No
Agent	DA02	Timely Application of LLE	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 resolve	NHHMO	NHHDC	NHHMO, Supplier - national	Yes
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 HH METD to HHDC	HHMO	HHMO	HHMO, Supplier - national	Yes
Agent	HM05	Provision of HH METD to new HHMO	HHMO	HHMO (old)	HHMO, Supplier - national	Yes
Agent	HM06	Quality of D0268	HHMO	HHDC	HHMO, Supplier - national	Yes

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

The following flows can be found within the MRA Data Transfer Catalogue:

Flow Reference	Flow Name
D0001	Request Metering System Investigation
D0002	Fault Resolution Report or Request for Decision on Further Action
<del>D0003</del>	<del>Half Hourly Advances</del>
D0010	Meter Readings
D0011	Agreement of Contractual Terms
<del>D0019</del>	<del>Metering System EAC/AA Data</del>
<del>D0022</del>	<del>Estimated Half Hourly Data Report</del>
<del>D0023</del>	<del>Failed Instructions</del>
<del>D0036</del>	<del>Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix</del>
<del>D0095</del>	<del>Non Half Hourly Data aggregation Exception Report</del>
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 <del>Realted</del> Related Details
<del>D0214</del>	<del>Confirmation of Proving Tests</del>
<del>D0235</del>	<del>Half Hourly Aggregation Exception Report</del>
<del>D0265</del>	<del>Line Loss Factor Data File</del>
D0268	Half Hourly Meter Technical Details