

# MRA Data Transfer Catalogue (DTC) Change Proposal Form

<b>YOUR REFERENCE</b>	CP967	<b>DTC CP NUMBER</b> (assigned by MRA Change Co-ordination)	3211
<b>ORIGINATOR</b> (MRA Change Administrator)		<b>SPONSOR APPROVAL</b> (MRA Contract Manager)	
Originator name:	Katie Key	Name:	Joanne Croke
Company:	ELEXON	Company:	United Utilities
Telephone number:	020 7380 4376	Telephone number:	01925 233491
Fax number:	020 7380 0407	Signature:	Joanne Croke
Date:	10 April 2003	Date:	29 <sup>th</sup> April 2003
<b>CHANGE PROPOSAL TITLE</b>			
Addition of an 'Event Indicator' to the D0149 and D0150			
<b>DESCRIPTION OF CHANGE</b>			
<p>Include a reason code on the D0149 'Notification of Mapping Details' and D0150 'Non Half Hourly Meter Technical Details' data flows to notify the recipient of these data flows why the data flow has been sent.</p> <p>DTC CP3188 'D0268 changes as proposed by the D0268 Working Group' has been approved for implementation on 28 August 2003. This change includes the addition of the 'Event Indicator' Data item. It is proposed that the valid set of this data item is expanded and that this data item is included on the D0149 and D0150.</p> <p>Make the redlined changes as included in Attachment 1: Changes to Annex B and Attachment 2: Changes to Annex D.</p>			
<b>Attachments Supplied?</b>	<input checked="" type="checkbox"/> Y		
<b>BUSINESS JUSTIFICATION FOR CHANGE</b>			
<p>ELEXON have developed BSCP514 for Meter Operator Activities. This BSCP specifies that, on change of Non-Half Hourly (NHH) Meter Operator Agent (MOA), Meter Technical Details (MTD) are issued to other parties (via the D0149 and D0150). Walkthroughs were held as part of the development of the BSCP and the walkthrough group believed that this obligation should exist, so that following the Change of MOA, all parties have the same starting information. Impact Assessment of the BSCP has highlighted that parties need to know why they have been sent the MTD, so that they can identify whether or not they expect to receive a D0010 'Meter Readings'.</p> <p>The Implementation Date for this change is subject to Industry comment</p>			
<b>IMPACT ASSESSMENT</b> (Guidelines for suggesting implementation dates: 6 months min for changes impacting systems and software; 4 months min for changes impacting operational procedures; or 2 months min for changes to documentation only).			
<b>Big Bang</b> (This is the default implementation method. Participants to implement change <u>on</u> the Implementation Date)	Implementation Date (NB MDNS Upgrades occur in May, August, November, February)	26 February 2004	
<b>Optional</b> (Participants can implement at any time <u>from</u> the Implementation Date, as agreed between parties)	Implementation Date		

<p><b>Parallel Test</b> (Participants to <u>test from</u> Parallel Test Start Date as agreed between parties. Participants to implement change <u>on</u> Implementation Date. Please note that if Parallel Testing using a new Flow Version Number is Proposed, this CP needs to be accompanied by another CP to remove the old version number of the Flow.)</p>	<p>Parallel Test Start Date</p>	
	<p>Parallel Test End Date (Implementation Date default is 3 months after the Parallel Test Start Date)</p>	
	<p>Value of Test Flag (Only to be completed if a specific test flag is required)</p>	
<p>Identify any organisations impacted or associated changes required.</p>	<p>The ELEXON SVA Data Catalogue will be impacted by this change. An ELEXON Change Proposal (CP) will be raised to make a parallel change.</p>	
<p><b>REFERENCE TO DATA TRANSFER CATALOGUE</b></p>		
<p>Catalogue version number:</p>	<p>7.4</p>	
<p>* Data Flow reference &amp; Version Number:</p>	<p>D0149 version 001, D0150 version 001</p>	
<p>* Domain Name:</p>		
<p>* Data Item reference number:</p>		
<p>*Associated References:</p>		

**Please return the completed form to Alexis Nelson at Service Management**  
**Fax Number: 020 7090 1001 or Email Address: [alexis.nelson@gemserv.co.uk](mailto:alexis.nelson@gemserv.co.uk)**

**Attachment 1**  
**Changes to Annex B**

**D0149 Notification of Mapping Details**

<b>Flow Name:</b>	<b>Notification of Mapping Details</b>
<b>Flow Description:</b>	This flow notifies mapping of physical registers to time pattern regimes.
<b>Flow Ownership:</b>	MRA

From	To	Version
MOP	Distributor	3.1
MOP	MOP	5.0
MOP	NHHDC	2.0
MOP	Supplier	3.1

**Data Items:**

Reference	Item Name
J1254	Effective from Settlement Date {MSMTD}
J1268	Effective From Settlement Date {MSNSFC}
J0300	Effective from Settlement Date {SCON}
<a href="#">Jxxxx</a>	<a href="#">Event Indicator</a>
J0004	Meter Id (Serial Number)
J0010	Meter Register Id
J1267	Metering System Non Settlement Functionality Code
J0003	MPAN Core
J0679	Register Mapping Coefficient
J0076	Standard Settlement Configuration Id
J0078	Time Pattern Regime

**Flow Structure:**

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
280	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Effective from Settlement Date {MSMTD}
					<a href="#">1</a>							<a href="#">Event Indicator</a>
281	NHH Mapping Details	1		G								
						1						Standard Settlement Configuration Id
						1						Effective from Settlement Date {SCON}
778	Time Pattern Regimes	1-*				G						
							1					Time Pattern Regime
283	Meter Details	1-*					G					
								1				Meter Id (Serial Number)
284	Meter Register	1-*						G				
									1			Meter Register Id
									1			Register Mapping Coefficient
23A	Non Settlements Registers	0-1			G							
						1						Metering System Non Settlement Functionality Code
						0						Effective From Settlement Date {MSNSFC}

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
24A	Time Pattern Regimes	1-*				G						
							1					Time Pattern Regime
25A	Meter Details	1-*				G						
								1				Meter Id (Serial Number)
26A	Meter Register	1-*						G				
									1			Meter Register Id
										1		Register Mapping Coefficient

<b>Notes:</b>	The Register Mapping Coefficient is required for mapping the difference between 2 or more physical registers' readings to a Settlement Register. See Annex C for Flow Notes
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## D0150 Non Half-Hourly Meter Technical Details

<b>Flow Name:</b>	<b>Non Half-hourly Meter Technical Details</b>
<b>Flow Description:</b>	Meter technical details for Non Half-hourly.
<b>Flow Ownership:</b>	MRA

From	To	Version
Distributor	MOP	3.1
MOP	Distributor	2.0
MOP	MOP	2.0
MOP	NHHDC	2.0
MOP	Supplier	2.0

### Data Items:

Reference	Item Name
J0476	Associated Meter Id
J0477	Associated Meter Register Id
J0462	Certification Date
J0463	Certification Expiry Date
J0382	Channel Number
J0385	Communications Address
J0386	Communications Method
J0454	CT Ratio
J0848	Date of Meter Installation
J1269	Date of Meter Removal
J1254	Effective from Settlement Date {MSMTD}
J1268	Effective From Settlement Date {MSNSFC}
J0300	Effective from Settlement Date {SCON}
J0080	Energisation Status
<a href="#">Jxxxx</a>	<a href="#">Event Indicator</a>
J0408	Main/Check Indicator
J0480	Maintenance Date
J0410	Manufacturers Make & Type
J0082	Measurement Class Id
J0103	Measurement Quantity Id
J0418	Meter COP
J0461	Meter COP Dispensation
J0501	Meter Current Rating
J0004	Meter Id (Serial Number)
J0419	Meter Location
J0010	Meter Register Id
J0475	Meter Register Multiplier
J0474	Meter Register Type
J0483	Meter Type
J1267	Metering System Non Settlement Functionality Code
J0003	MPAN Core
J0008	Nature of Maintenance
J0478	Number of Register Digits
J0465	Outstation COP
J0467	Outstation COP Dispensation
J0468	Outstation Encryption Key
J0428	Outstation Id
J0469	Outstation Number of Channels
J0470	Outstation Password A
J0464	Outstation PIN

Reference	Item Name
J0471	Outstation Type
J0432	Pulse Multiplier
J0098	Retrieval Method
J0722	Retrieval Method Effective Date
J0076	Standard Settlement Configuration Id
J0134	Tele-Switch/Clock Indicator
J0716	Timing Device Id (Serial Number)
J0455	VT Ratio

**Flow Structure:**

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
288	MPAN Cores	1-*		G								
					1							MPAN Core
					1							Effective from Settlement Date {MSMTD}
					N							Measurement Class Id
					1							Energisation Status
					<u>1</u>							<u>Event Indicator</u>
289	SSCs	1	If meter at metering point	G								
						1						Standard Settlement Configuration Id
						1						Effective from Settlement Date {SCON}
						O						Metering System Non Settlement Functionality Code
						O						Effective From Settlement Date {MSNSFC}
762	Metering Point Maintenance History	0-1		G								
						1						Maintenance Date
						1						Nature of Maintenance
290	Meter/Retrieval Method Details	1-*	If meter at metering point	G								
						1						Meter Id (Serial Number)
						N						Meter COP
						N						Meter COP Dispensation
						1						Meter Current Rating
						1						Meter Location
						1						Manufacturers Make & Type
						N						Outstation Id
						N						Communications Address
						N						Communications Method
						N						Outstation PIN
						N						Outstation COP
						N						Outstation COP Dispensation
						N						Outstation Encryption Key
						N						Outstation Number of Channels
						N						Outstation Password A
						N						Outstation Type
						O						VT Ratio
						1						Meter Type
						O						Date of Meter Installation
						O						Certification Date
						O						Certification Expiry Date
						O						Timing Device Id (Serial Number)
						N						Tele-Switch/Clock Indicator

Group	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Item Name
						1						Retrieval Method
						1						Retrieval Method Effective Date
291	CT Ratio	1	If NOT whole current meter			G						
						1						CT Ratio
293	Meter Register Details	1-*				G						
						1						Meter Register Id
						1						Meter Register Type
						1						Measurement Quantity Id
						1						Meter Register Multiplier
						N						Main/Check Indicator
						1						Number of Register Digits
						N						Associated Meter Id
						N						Associated Meter Register Id
295	Meter Channels	0-*	If Half Hourly Meters			G						
						N						Channel Number
						N						Measurement Quantity Id
						N						Pulse Multiplier
296	Metering System Maintenance History	0-*				G						
						1						Maintenance Date
						1						Nature of Maintenance
08A	Meters Removed	0-*				G						
						1						Meter Id (Serial Number)
						1						Date of Meter Removal

<b>Notes:</b>	See Annex C for Flow Notes
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**Attachment 2**  
**Changes to Annex D**

**Item name:** **Event Indicator**

**Item reference:** Jxxxx

**Item ownership:** MRA

**Item Description:** An indicator to identify the specific event that has caused the flow to be sent.

**Units:** None

**Valid Set:**

Values are:

- A New Connection
- B Addition of Meter(s) and/ or Outstation(s)
- C Removal of Meter(s) and/ or Outstation(s)
- D Replacement of Meters and/ or Outstation(s)
- E Configuration/Password Change
- F Addition of Comms
- G Removal of Comms
- H Replacement of Comms
- I Change of Agent
- J Change of Supplier
- K Coincident Change of Agent and Supplier
- L Request from Agent
- M Request from Supplier
- N Change of Feeder Status
- O Total Replacement of Meter(s) and/ or Outstation(s)
- P Addition of Meter and Password Change
- Q Change of DC
- R Change of MOA
- S Coincident Change of Supplier and DC
- T Coincident Change of Supplier and MOA
- U Coincident Change of DC and MOA
- V Coincident Change of Supplier, DC and MOA
- W Change of Measurement Class
- X Coincident Change of Measurement Class and Supplier
- Y Reconfiguration of Metering System
- Z Other

**Validation:** As Valid Set

**Domain:** String

**Logical Format:** CHAR (1)

**Physical Length:** 1

**Notes:**