

Market Code Schedule 22

Code Subsidiary Document No. 0302

Standing Reports and Data Extracts

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## Change History

<b>Version Number</b>	<b>Date of Issue</b>	<b>Reason For Change</b>	<b>Change Control Reference</b>	<b>Sections Affected</b>
1.0	15/12/2009	Initial Issue	MCCP027	

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## 1. Purpose and Scope

The purpose of this Code Subsidiary Document is to define the recipients, timetable, content and specification of standing reports and data extracts provided by the CMA on a systematic basis. The specifications will enable recipients to design tools and procedures to use the information provided.

## 2. Market Dataset

### 2.1 Introduction

The CMA shall provide the Market Dataset (MDS) to Trading Parties to provide detailed information about Supply Points and associated data. Each release of the MDS comprises five sets of data:

- Water SPIDs;
- Sewer SPIDs;
- Meters;
- DPIDs; and
- Meter Readings.

### 2.2 Timetable and Distribution

The CMA shall use reasonable endeavours to extract the MDS from the Supply Point Register between the end of the last Business Day of a Month and the start of the first Business Day of the next Month. In any event, the CMA shall extract the MDS from the Supply Point Register as soon as is reasonably practical after the end of the Month.

Distribution:

- Within ten Business Days of the end of the Month the CMA shall place the MDS for the Month on a secure data storage area. Trading Parties may collect the MDS anytime up to one year from the end of the Invoice Period;
- The distribution method may be redefined by the CMA from time to time. The CMA shall use reasonable endeavours to advise Trading Parties one month in advance of any change.

### 2.3 Extraction Rules

The extraction rules are:

- **SPIDs:** For both Water and Sewerage SPIDs all SPIDs that:
  - Held “Tradable” status in the Central System at any time before the Go Live Date or have been connected on or after the Go Live Date and
  - the SPID data is “complete & consistent” in accordance with CSD0101 (Registration: New Connections and New supply Points);

- **Meters:** The meters associated with the above SPIDs that are currently operational. This excludes meters associated with the above SPIDs which have been removed or swapped out in accordance with CSD0104 (Maintain SPID Data)<sup>1</sup>;
- **Meter Readings:** All meter readings for the above meters. For the avoidance of doubt this includes interpolated meter rollover readings inserted by the CMA; and
- **DPIDs:** All DPIDs that have been created and not discontinued.

## 2.4 File Structure

The MDS contains five files with the structured filenames in the format X3nxxxx\_YYYYMMDD where YYYYMMDD is the date the file was created and the X3nxxxx defines the file type as listed below:

- X31WSPID: Water SPIDs;
- X32SSPID: Sewer SPIDs;
- X33Meter: Meters;
- X34DPID: DPIDs; and
- X35READS: Meter Readings.

The field separator is the pipe character “|”. Fields are not separated by quotation marks; though quotation marks may occasionally be found in data fields. The first line of each file contains the field names.

The file structures are set out below. The X31, X32, X33 and X34 files all have the same address block which is detailed once at the end of this section.

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<sup>1</sup> There are recognised issues that not all meters are extracted; this includes the known faults that (i) meters that have a null YVe are not reported and (ii) some (but not all) meters which are part of a meter network are not reported. Once these faults are remedied this footnote will no longer apply

## 2.5 Detailed Record Content

### X31 Water SPIDS

Field	Type	Opt	Notes
D2001_SPID	nvarchar(12)	M	
D2002_ServiceCategory	decimal(1,0)	M	Always 1
D2003_Schedule3	decimal(5,2)	M	
D2004_ExemptCustomerFlag	decimal(1,0)	M	0 for false 1 for true
D2005_CustomerClassification	nvarchar(3)	M	Values include "LIC", "SST", "NA"
D2006_29e	decimal(5,2)	M	
D2007_LargeVolAgreement	decimal(1,0)	M	0 for false 1 for true
D2008_SICCode	nvarchar(16)	O	
D2011_RateableValue	decimal(12,2)	M	
D2014_FarmCroft	nvarchar(5)	M	Values include "FARM", "CROFT", "NA"
D2015_SPIDVacant	decimal(1,0)	M	0 for false 1 for true
D2018_TroughsDrinkingBowls	decimal(3,0)	M	
D2019_WaterServicesToCaravans	decimal(3,0)	M	
D2020_OutsideTaps	decimal(3,0)	M	
D2022_TransitionalArrangements	decimal(1,0)	M	0 for false 1 for true
D2024_Unmeasurable	decimal(1,0)	M	0 for false 1 for true
D2025_NotifyDisconnection/Reconnection	nvarchar(5)	M	Values include "REC", "PDISC", "TDISC"
D2026_EWA	decimal(18,2)	O	
Address Block			Specified below

### X32 Sewerage SPIDS

Field	Type	Opt	Notes
D2001_SPID	nvarchar(12)	M	
D2002_ServiceCategory	decimal(1,0)	M	Always 2
D2003_Schedule3	decimal(5,2)	M	
D2004_ExemptCustomerFlag	decimal(1,0)	M	0 for false 1 for true
D2005_CustomerClassification	nvarchar(3)	M	Values include "LIC", "SST", "NA"
D2006_29e	decimal(5,2)	M	
D2007_LargeVolAgreement	decimal(1,0)	M	0 for false 1 for true
D2008_SICCode	nvarchar(16)	O	
D2011_RateableValue	decimal(12,2)	M	
D2012_SurfaceArea	decimal(18,2)	M	
D2015_SPIDVacant	decimal(1,0)	M	0 for false 1 for true
D2016_PropertyDrainage	decimal(1,0)	M	0 for false 1 for true
D2017_RoadDrainage	decimal(1,0)	M	0 for false 1 for true
D2021_SewerageServicesToCaravans	decimal(3,0)	M	
D2022_TransitionalArrangements	decimal(1,0)	M	0 for false 1 for true
D2024_Unmeasurable	decimal(1,0)	M	0 for false 1 for true
D2025_NotifyDisconnection/Reconnection	nvarchar(5)	M	Values include "REC", "PDISC", "TDISC"
D2026_EWA	decimal(18,2)	O	
Address Block			Specified below



### X33 Meters

Field	Type	Opt	Notes
D3001_MeterId	nvarchar(32)	M	
D2001_SPID	nvarchar(12)	M	
D3002_ChargeableMeterSize	decimal(4,0)	M	
D3003_PhysicalMeterSize	decimal(4,0)	M	
D3004_NrDigits	decimal(2,0)	M	
D3005_SewerageChargeableMeterSize	decimal(4,0)	M	
D3007_ReturnToSewerAllowance	decimal(5,2)	M	
D3011_MeterReadFrequency	nvarchar(1)	M	Values include "B", "M" and "N"
D3013_MeterMake	nvarchar(32)	O	
D3014_ManufacturerMeterSerialNr	nvarchar(32)	O	
D2010_Yve	decimal(13,0)	M	
Address Block			Specified below

### X34 DPIDs

Field	Type	Opt	Notes
D6001_DPID	nvarchar(32)	M	
D2001_SPID	nvarchar(12)	M	
D6003_CDV	decimal(18,8)	M	
D6004_sBODL	decimal(18,8)	M	
D6005_TSSL	decimal(18,8)	M	
D6006_Ot	decimal(18,8)	M	
D6007_St	decimal(18,8)	M	
D6009_Non-domesticAllowance	decimal(9,0)	M	
D6010_SDTIndicator	decimal(1,0)	M	0 for false 1 for true
D2003_Schedule3	decimal(11,8)	M	
Address Block			Specified below

**Address Block used in X31-X34**

Field	Type	Opt	Notes
D5001_FreeDescriptor	nvarchar(255)	O	
D5002_SubBuildingName	nvarchar(30)	O	
D5003_BuildingName	nvarchar(50)	O	
D5004_BuildingNumber	nvarchar(4)	O	
D5005_DependentThoroughfareName	nvarchar(60)	O	
D5006_DependentThoroughfareDescriptor	nvarchar(20)	O	
D5007_ThoroughfareName	nvarchar(60)	O	
D5008_ThoroughfareDescriptor	nvarchar(20)	O	
D5009_DoubleDependentLocality	nvarchar(35)	O	
D5010_DependentLocality	nvarchar(35)	O	
D5011_PostTown	nvarchar(30)	O	
D5012_County	nvarchar(30)	O	
D5013_Postcode	nvarchar(8)	O	
OUTCODE	nvarchar(4)	O	
INCODE	nvarchar(3)	O	

**X35 Meter Reads**

Field	Type	Opt	Notes
D2001_SPID	nvarchar(12)	M	
D3001_MeterId	nvarchar(32)	M	
D3009_MeterReadDate	nvarchar(10)	M	Format : yyyy-mm-dd
D3008_MeterRead	decimal(13,0)	M	
D3010_MeterReadType	nvarchar(1)	M	

**Explanation of notation:**

Type	<p>Nvarchar(X) is a field containing character data possibly numerics with maximum length X.</p> <p>Decimal(x,y) is a numeric field with a maximum of x digits with a maximum of y digits after the decimal place. Hence maximum space is number of digits plus decimal place and possible leading minus sign.</p>
Opt	<p>M is Mandatory</p> <p>O is Optional</p>