Market Code Schedule 20

Code Subsidiary Document No. 0301

Data Transaction Catalogue

Version: ~~7~~8.0

Date: 201~~4~~5-0~~9~~3-~~31~~2~~1~~6
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Change History

Version Number	Date of Issue	Reason For Change	Change Control Reference	Sections Affected
1.0	14/05/2007	Formatted	Working Version	
1.1	10/08/2007	Brought into line with DTC XML Schema v3.8	Working Version	
1.2	31/08/2007	Implemented Change Proposals agreed to-date	Go Live Version	
1.3	01/12/2008	Revised to permit Re−Reads to be sent using T017.0	MCCP017	
1.4	08/03/2009	Add new meter reading validation codes to the Error / Return Code Set	MCCP020	
1.5	17/08/2009	Re-assessed Charges	MCCP035-CC	Section 2.3: amended D2010 and D3010; Sections 3.2; 3.3 and 4.2; Section 4.3: New T004.3
1.6	28/06/2010	Customer Names on Database	MCCP041-CC	Sections 2.2, 2.3, 3.2, 3.3, 4.2 and 4.3
1.7	27/09/2010	Removal of T031 Transaction	MCCP057	Section 4.2
		T017 - Meter Swap Fix	MCCP058	Section 4.3
		Restrict Future Dates on T025	MCCP060	
1.8	25/03/2011	New Meter Read Type R	MCCP037	Section 3.2
		New Cancellation Comment Field	MCCP040	Section 3.2, 4.3
		Meter Rollover	MCCP053	Sections 2.2, 2.3, 4.3
		Dataloggers	MCCP070	Section 2.2, 2.3, 3.3, 4.3
		GIS Coordinates Flow	MCCP071	Section 2.2, 2.3, 3.3, 4.3
		T016 Effective Date and Sewerage Services Supply Point Update	MCCP072	Section 4.3
		Late Partial Escalation Process	MCCP074	Section 4.3
		March Release Document Update	MCCP075	Section 3.3

1.9	11/11/11	Introduction of T033.0, T033.1	MCCP081-CC	Sections 2.2,2.3, 3.3, 4.2, 4.3
		Updating Error Codes	MCCP082	Section 4.2
		Schema Changes for Validity	MCCP089	Section 4.3
1.10	30/03/2012	Deregistration	MCCP052 – 079	Section 4.2, 4.3
		Vacancy Admin Charging Scheme	MCCP091-CC	Sections 2.2, 2.3, 3.2, 3.3, 4.2 and 4.3
2.0	21/06/2012	Addition of T035.0 and T035.1 and associated new Error Codes	MCCP093 / MCCP102	Sections 3.3, 4.2 and 4.3
3.0	28/09/2012	September 2012 Release Document Update	MCCP114-CC	Sections 3.3,
4.0	12/04/2013	Trade Effluent, Error codes for duplicate meter reads and Accredited Entities.	MCCP095, MCCP 109, MCCP 113	
5.0	19/09/2013	Meter Location, SEES and Drainage, TI Flags, Duplicate MIDs and HVI Access for SW	MCCP104, MCCP105, MCCP112, MCCP123, MCCP125, MCCP126	Sections 1, 2 and 3
6.0	2014-03-21	Meter Networks, TE, extra data for SW and extra Gap Site allocation data	MCCP128 MCCP129 MCCP131 MCCP133	Sections 2, 3 and 4
7.0	2014-09-21	Data Items to support the automation of POLR and LVI access	MCCP124 MCCP142	
8.0	2015-03-3126	SGES SAA Refs/UPRNs S Reads March 2015 CSD Drafting	MCCP161-CC MCCP127 MCCP141 MCCP163	Section 2, 3 and 4

1. Purpose and Scope

Trading Parties may transact with the CMA using one of two interfaces:

1. the **Low Volume Interface (LVI)**
   a. this interface is web based and available to all Trading Parties
   b. it is unsuitable for Trading Parties with large data volumes to transact and / or those seeking a greater degree of process automation
   c. for further information on the LVI please refer to the [CMA LVI User Manual]
2. the **High Volume Interface (HVI)**
   a. this interface is available to all Trading Parties
   b. it is suitable for transacting large data volumes with the CMA
   c. all transactions are available via this interface

The Data Transaction Catalogue (DTC) provides:

1. a logical definition of the data items transacted between Trading Parties and the CMA via the LVI and the HVI
2. a logical definition of the Data Transactions used to communicate information between Trading Parties and the CMA using the HVI
3. technical specifications for each of the CMA interfaces
4. technical specifications of the data items and transactions

This document does not define or provide transactions between Trading Parties.

1.1 Annexes

Items 3 and 4 are annexes as follows:

- Annex A: HVI
    - Transport & security
    - Web Services Communication Protocol
    - XML Schema for Transactions & Data Items
    - Web Services WSDL Description
    -

2. Data Items

2.1 Overview

Data items are defined using the following parameters:

Data Item Number:	*Uniquely identifies the data item in this document*
Data Item Name:	*Descriptive name of the data item*
Data Item Type:	*Defines data type specification (e.g. boolean, string, decimal). For further detail including min/max value range please refer to the technical specifications in Annex A*
Member of unique serial set:	*[yes/no] When [yes] the data in this data item is unique and identifies an item (e.g. a meter, a Supply Point) via a 1:1 relationship*
Member of Valid Set:	*[yes/no] When [yes] this data item may only be populated with data from a defined set. Note that this may include data items without an explicitly defined valid set: for example, a SPID belongs to an implicit valid set, the list of SPIDs held by the CMA*
Data Group:	*Groups items together for ease of reference. See key 2 for further details*
Correction Method:	*Specifies the appropriate data correction method: Error Rectification or Retrospective Amendment where appropriate*
Data Owner:	*The Trading Party responsible for submitting this data item to the CMA. Not all data items are belong to an owner and some data items may have more than one owner. See key 1 below for data item owner code*
Description:	*Describes purpose for correct usage of this item*

Key 1

Trading Parties	Description
CMA	Central Market Agency
SW	Scottish Water
LP	Licensed Provider
LP(o)	Licensed Provider (outgoing)
LP(i)	Licensed Provider (incoming)

Key 2

Data Group	Series	Description
System	D1000	Data for system operations and transactions
SPID (Core)	D2000	Data applicable to both Supply Points where Supply Points exists as pairs (i.e. are related by the core number)
SPID (Category)	D2000	Data applicable to individual Supply Points
SPID (Service Element)	D2000	Data applicable to Service Elements of each Supply Point
Meter	D3000	Data pertaining to each meter
Market	D4000	Data pertaining to Supply Points that are not parameters of Supply Points
Address	D5000	Data group comprising of address (location information) data items
Trade Effluent	D6000	Data pertaining to Trade Effluent Discharge Points

2.2 LVI View of Data Items

Market Participant	LVI view of Data Items
Licensed Providers (LPs)	LP LVI users have access to see all of the Data Items listed in Section 2.3.
Wholesaler	Wholesaler LVI users can see all of the Data Items listed in Section 2.3
CMA	CMA LVI users have access to view all of the Data Items listed in Section 2.3

2.3 Alphabetical List of Data Items

Name	Date Item
29e	D2006
Accredited Entity Install	D2033
Accredited Entity Install	D3023
Actual Volume Discharged	D6008
Allocation Method	D2034
Building Name	D5003
Building Number	D5004
Cancellation Code	D4005
Chargeable Daily Volume	D6003
Chargeable Meter Size	D3002
Connection Date	D2013
County	D5012
Cryptographic Hash	D4008
Cryptographic Hash Algorithm	D4009
Customer Classification	D2005
Customer Name	D2027
Customer Name Type	D2028
Datalogger_NonSW	D3016
Datalogger_SW	D3015
Data Item Reference	D1008
Data Transaction Reference	D1001
Date of Evidence	D4007
Dependent Locality	D5010
Dependent Thoroughfare Descriptor	D5006
Dependent Thoroughfare Name	D5005
Discharge Point ID	D6001
Disconnection/Reconnection / Deregistration	D2025
Double Dependent Locality	D5009
Duplicate Message ID	D1009
Effective From	D4006
Error/Return Code	D4004
EWA	D2026
Exempt Customer Flag	D2004
Farm/Croft	D2014
Fixed Allowance	D6013
Free Descriptor	D5001
Gap Site Status	D4017
GISX	D3017
GISY	D3018
GISZFreeDescriptor	D3019
Large User Volume Agreement	D2007

Name	Date Item
LP Challenged Vacancy Application Flag	D2032
Main Meter ID	D3027
Main SPID	D2035
Manufacturer Meter Serial Number	D3014
MDVol	D3024
Message ID	D1002
Meter ID	D3001
Meter Make	D3013
Meter Network Association	D3026
Meter Location Code	D3025
Meter Read	D3008
Meter Read Date	D3009
Meter Read Frequency	D3011
Meter Read Type	D3010
Meter Treatment	D3022
Metered Building Water	D2029
Metered Building Water Effective Date	D2030
New Connection Type	D2023
Non-domestic Allowance	D6009
Non-Return to Sewer Allowance	D3007
Number of Digits	D3004
Organisation ID	D4001
Originator's Reference	D1003
Ot	D6006
Outside Taps	D2020
Pcent Allowance	D6012
Pcent Exemption	D2041
Physical Meter Size	D3003
POLR Status	D4015
Post Town	D5011
Postcode	D5013
Property Drainage	D2016
Rateable Value	D2011
Registration Start Date	D4002
Re-Read	D3012
Roads Drainage	D2017
Rollover Flag	D3021
Rollover Indicator	D3020
SAA_Reference Number	D2037
SAA Reference Number Absence Code	D2038
sBODL	D6004
Schedule 3	D2003
Seasonal Discharge Indicator	D6010
Service Category	D2002
Sewerage Chargeable Meter Size	D3005
Sewerage SP LP Org ID	D4012
SIC Code	D2008
SPID	D2001
SPID Vacant	D2015
S Read Reason Code	D3028
S Read Remedial Work Indicator	D3029
St	D6007
Sub Building Name	D5002

Name	Date Item
Sub-meter ID	D3006
Sub SPID	D2036
Surface Area	D2012
SW Connection Reference	D2009
TETreatment	D6011
TE YVe	D6002
~~Test Flag~~	~~D1004~~
Text Comment Field	D4003
Thoroughfare Descriptor	D5008
Thoroughfare Name	D5007
Trading Party Name	D4013
Trading Party Service	D4016
Trading Party Type	D4014
Transaction Destination Org ID	D1006
Transaction Source Org ID	D1005
Transaction Timestamp	D1007
Troughs & Drinking Bowls	D2018
TSSL	D6005
Unmeasurable	D2024
UPRN	D2039
UPRN Absence Code	D2040
Vacancy Change Flag	D2031
Vacancy Change Grace Period	D4010
Water SP LP Org ID	D4011
YVe	D2010

2.4 Catalogue: Data Items (numerical order)

Data Item Number:	D1001
Data Item Name:	Data Transaction Reference
Data Item Logical Type:	string
Member of unique serial set:	yes
Member of Valid Set:	yes
Data Group:	System
Correction Method:	n/a
Data Owner:	n/a
Description:	Data Transaction Reference as per Data Transaction Catalogue
Further Details:	This data item identifies a transaction enabling appropriate processing by the recipient. Further specifications for this data item can be found in Annex A of this document.

Data Item Number:	D1002
Data Item Name:	Message ID
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	System
Correction Method:	n/a
Data Owner:	n/a
Description:	Uniquely identifies a message within a Data Transaction
Further Details:	Further specifications for this data item can be found in Annex A of this document

Data Item Number:	D1003
Data Item Name:	Originator's Reference
Data Item Logical Type:	string
Member of unique serial set:	yes
Member of Valid Set:	no
Data Group:	System
Correction Method:	n/a
Data Owner:	n/a
Description:	Provides a reference ID for the transaction from the originating Trading Party

Data Item Number:	D1004 Removed March 2015

Data Item Number:	D1004
Data Item Name:	Test Flag
Data Item Logical Type:	boolean
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	System
Correction Method:	n/a
Data Owner:	n/a
Description:	Marks a transaction as a test Data Transaction

Data Item Number:	D1005
Data Item Name:	Transaction Source Org ID
Data Item Logical Type:	string
Member of unique serial set:	yes
Member of Valid Set:	yes
Data Group:	System
Correction Method:	n/a
Data Owner:	n/a
Description:	Organisation ID of organisation sending a Data Transaction

Data Item Number:	D1006
Data Item Name:	Transaction Destination Org ID
Data Item Logical Type:	string
Member of unique serial set:	yes
Member of Valid Set:	yes
Data Group:	System
Correction Method:	n/a
Data Owner:	n/a
Description:	Organisation ID of intended recipient of a Data Transaction

Data Item Number:	D1007
Data Item Name:	Transaction Timestamp
Data Item Logical Type:	date & time
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	System
Correction Method:	n/a
Data Owner:	n/a
Description:	Timestamp of Data Transaction on send

Data Item Number:	D1008
Data Item Name:	Data Item Reference
Data Item Logical Type:	string
Member of unique serial set:	yes
Member of Valid Set:	yes
Data Group:	System
Correction Method:	n/a
Data Owner:	n/a
Description:	Specifies Data Item as the subject of Transaction (e.g. for Error/Return Code purposes)
Further Details :	Valid set = all data items as per Data Transaction Catalogue

Data Item Number:	D1009
Data Item Name:	Duplicate Message ID
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	System
Correction Method:	n/a
Data Owner:	n/a
Description:	Identifies the MID that has been duplicated
Further Details :	n/a

Data Item Number:	D2001
Data Item Name:	SPID
Data Item Logical Type:	string
Member of unique serial set:	yes
Member of Valid Set:	yes
Data Group:	SPID (Core)
Correction Method:	n/a
Data Owner:	CMA
Description:	Unique identifier allocated to each Supply Point by the CMA

Data Item Number:	D2002
Data Item Name:	Service Category
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	yes
Data Group:	SPID (Category)
Correction Method:	n/a
Data Owner:	SW
Description:	Identifies service category for a SPID (Water Services or Sewerage Services)

Data Item Number:	D2003
Data Item Name:	Schedule 3
Data Item Logical Type:	percentage
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	SPID (Service Element)
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Schedule 3 [%] discount applied to a SPID or a DPID. When set to zero it is effectively disabled from Settlements

Data Item Number:	D2004
Data Item Name:	Exempt Customer Flag
Data Item Logical Type:	boolean
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	SPID (Core)
Correction Method:	~~Retrospective Amendment~~Error Rectification
Data Owner:	~~LP~~SW
Description:	A Supply Point exempt from certain charges as defined by the Market Code

Data Item Number:	D2005
Data Item Name:	Customer Classification
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	yes
Data Group:	SPID (Core)
Correction Method:	Error Rectification
Data Owner:	LP
Description:	Customer classification for a Supply Point (e.g. Large Impact, Sensitive)

Data Item Number:	D2006
Data Item Name:	29e
Data Item Logical Type:	percentage
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	SPID (Service Elements)
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	29e [%] discount applied per Supply Point. When set to zero it is effectively disabled.

Data Item Number:	D2007
Data Item Name:	Large User Volume Agreement
Data Item Logical Type:	boolean
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	SPID (Category)
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Large-User Volume Agreement (LUVA) indicator for Supply Point

Data Item Number:	D2008
Data Item Name:	SIC Code
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	SPID (Core)
Correction Method:	Retrospective Amendment
Data Owner:	LP
Description:	SIC Code applicable to a Supply Point
Further Details:	Standard Industry Classification

Data Item Number:	D2009
Data Item Name:	SW Connection Reference
Data Item Logical Type:	string
Member of unique serial set:	yes
Member of Valid Set:	no
Data Group:	SPID (Core)
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Unique reference that Scottish Water uses to identify new connections under installation
Further Details:	Used to request and confirm a new SPID, not used in any other transaction.

Data Item Number:	D2010
Data Item Name:	YVe
Data Item Logical Type:	numerical
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Meter
Correction Method:	Retrospective Amendment
Data Owner:	LP/SW refer to CSDs for scenarios for each Data Owner
Description:	1. Yearly Volumetric Usage Estimate by the LP for each meter associated with the SPID in [m^3] 2. Yearly Volumetric Usage Estimate established by SW under Re-Assessed Charges under the Wholesale Charges Scheme

Data Item Number:	D2011
Data Item Name:	Rateable Value
Data Item Logical Type:	numerical
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	SPID (Core)
Correction Method:	Retrospective Amendment
Data Owner:	LP
Description:	Rateable Value of Eligible Premises in [£]

Data Item Number:	D2012
Data Item Name:	Surface Area
Data Item Logical Type:	numerical
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	SPID (Category)
Correction Method:	Retrospective Amendment
Data Owner:	n/a
Description:	Surface area in [m^2] of Supply Point for Settlement calculations

Data Item Number:	D2013
Data Item Name:	Connection Date
Data Item Logical Type:	date
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	SPID (Core)
Correction Method:	Retrospective Amendment
Data Owner:	LP or SW
Description:	Date the connection was completed
Further Details:	WS connection date used for SS SPID on same SPID core. If no WS, then SS LP provides connection date for SS.

Data Item Number:	D2014
Data Item Name:	Farm / Croft
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	yes
Data Group:	SPID (Category)
Correction Method:	Retrospective Amendment
Data Owner:	LP or SW
Description:	If Outside Taps or Troughs & Drinking Bowls are present, this must be used to specify Supply Point as farm or croft.

Data Item Number:	D2015
Data Item Name:	SPID Vacant
Data Item Logical Type:	boolean
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	SPID (Core)
Correction Method:	Retrospective Amendment
Data Owner:	LP
Description:	Declares premises for the SPID as vacant. When set to True, a Supply Point is considered Vacant

Data Item Number:	D2016
Data Item Name:	Property Drainage
Data Item Logical Type:	boolean
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	SPID (Category)
Correction Method:	Retrospective Amendment
Data Owner:	~~LP or~~ SW
Description:	Indicates whether or not the Supply Point receives this service

Data Item Number:	D2017
Data Item Name:	Roads Drainage
Data Item Logical Type:	boolean
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	SPID (Category)
Correction Method:	Retrospective Amendment
Data Owner:	~~LP or~~ SW
Description:	Indicates whether or not the Supply Point receives this service

Data Item Number:	D2018
Data Item Name:	Troughs & Drinking Bowls
Data Item Logical Type:	numerical
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	SPID (Category)
Correction Method:	Retrospective Amendment
Data Owner:	LP or SW
Description:	Indicates whether or not the Supply Point receives this service (and how many)

Data Item Number:	D2019 Removed September 2013

Data Item Number:	D2020
Data Item Name:	Outside Taps
Data Item Logical Type:	numerical
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	SPID (Category)
Correction Method:	Retrospective Amendment
Data Owner:	LP or SW
Description:	Indicates whether or not the Supply Point receives this service (and how many)

Data Item Number:	D2021 Removed September 2013

Data Item Number:	D2022 Removed September 2013

Data Item Number:	D2023
Data Item Name:	New Connection Type
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	yes
Data Group:	SPID (Core)
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Identifies the type of connection for a new Supply Point

Data Item Number:	D2024
Data Item Name:	Unmeasurable
Data Item Logical Type:	boolean
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	SPID (Core)
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Identifies Supply Point as Unmeasurable

Data Item Number:	D2025
Data Item Name:	Disconnection/Reconnection/Deregistration
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	yes
Data Group:	SPID (Category)
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Declares a Supply Point Disconnection, Reconnection or Deregistration. Also enables the distinction between a Temporary Disconnection and a Permanent Disconnection

Data Item Number:	D2026
Data Item Name:	EWA
Data Item Logical Type:	numerical
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	SPID (Core)
Correction Method:	Retrospective Amendment
Data Owner:	CMA
Description:	The Estimated Weighed Average value for a SPID used in Settlements [£]

Data Item Number:	D2027
Data Item Name:	Customer Name
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	SPID (Core)
Correction Method:	Error Rectification
Data Owner:	LP
Description:	The customer name associated with a given Supply Point

Data Item Number:	D2028
Data Item Name:	Customer Name Type
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	yes
Data Group:	SPID (Core)
Correction Method:	Error Rectification
Data Owner:	LP
Description:	

Data Item Number	D2029
Data Item Name	Metered Building Water
Data Item Logical Type	Boolean
Member of unique serial set	No
Member of Valid Set	No
Data Group	SPID (Core)
Correction Method	Error Rectification
Data Owner	SW
Description	Boolean flag to indicate if the site is a metered building construction site. True = It is a metered building construction site False = Not a metered building construction site

Data Item Number	D2030
Data Item Name	Metered Building Water Effective Date
Data Item Logical Type	Date
Member of unique serial set	No
Member of Valid Set	No
Data Group	SPID (Core)
Correction Method	Error Rectification
Data Owner	SW
Description	The date when the SPID: • Became an metered building construction site (if D2029 = True) or • Was no longer a metered building construction site (if D2029 = False)

Data Item Number:	D2031
Data Item Name:	Vacancy Change Flag
Data Item Logical Type:	boolean
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	SPID (Core)
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Declares that a vacancy change application should proceed (if set to True), or should be cancelled (if set to False).

Data Item Number:	D2032
Data Item Name:	LP Challenged Vacancy Application Flag
Data Item Logical Type:	boolean
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	SPID (Core)
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Declares that an LP has raised a challenge against an SW vacancy change application.

Data Item Number:	D2033
Data Item Name:	Accredited Entity Install
Data Item Logical Type:	Boolean
Member of unique serial set:	No
Member of Valid Set:	No
Data Group:	Meter
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Declares whether a water connection install was carried out by an Accredited Entity

Data Item Number:	D2034
Data Item Name:	Allocation Method
Data Item Logical Type:	String
Member of unique serial set:	No
Member of Valid Set:	Yes
Data Group:	Meter
Correction Method:	Retrospective Amendment
Data Owner:	CMA
Description:	Identifies how the CMA has allocated a Gap Site to an LP.

Data Item Number:	D2035
Data Item Name:	Main SPID
Data Item Logical Type:	String
Member of unique serial set:	Yes
Member of Valid Set:	Yes
Data Group:	Supply Point
Correction Method:	N/A
Data Owner:	CMA
Description:	SPID identifier allocated to each Supply Point by the CMA and used to identify the SPID attached to the main meter in a meter network association

Data Item Number:	D2036
Data Item Name:	Sub SPID
Data Item Logical Type:	String
Member of unique serial set:	Yes
Member of Valid Set:	Yes

Data Group:	Supply Point
Correction Method:	N/A
Data Owner:	CMA
Description:	SPID identifier allocated to each Supply Point by the CMA and used to identify the SPID attached to the sub meter in a meter network association where the meter is not domestic

Data Item Number:	D2037
Data Item Name:	SAA Reference Number
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Address
Correction Method:	Error Rectification
Data Owner:	SW
Description:	Scottish Assessors Association Reference

Data Item Number:	D2038
Data Item Name:	SAA Reference Number Absence Code
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	yes
Data Group:	Address
Correction Method:	Error Rectification
Data Owner:	SW
Description:	Code to explain the absence of a Scottish Assessors Association Reference

Data Item Number:	D2039
Data Item Name:	UPRN
Data Item Logical Type:	Integer
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Address
Correction Method:	Error Rectification
Data Owner:	SW
Description:	UPRN as published by One Scotland Gazetteer

Data Item Number:	D2040
Data Item Name:	UPRN Absence Code
Data Item Logical Type:	String
Member of unique serial set:	No
Member of Valid Set:	Yes
Data Group:	Address
Correction Method:	Error Rectification
Data Owner:	SW
Description:	Code to explain the absence of a UPRN

Data Item Number:	D2041
Data Item Name:	Pcent Allowance
Data Item Logical Type:	~~Precentage~~Numerical
Member of unique serial set:	No
Member of Valid Set:	Yes
Data Group:	Supply Point
Correction Method:	~~N/A~~Error Rectification
Data Owner:	SW
Description:	Pcent Allowance applied to Supply points in accordance with the Scottish Government Charitable Exemption Scheme.

Data Item Number:	D3001
Data Item Name:	Meter ID
Data Item Logical Type:	simple (string with a restriction on the character set)
Member of unique serial set:	yes
Member of Valid Set:	no
Data Group:	Meter
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Unique meter identification. This data item is often referred to as Meter Serial Number.

Data Item Number:	D3002
Data Item Name:	Chargeable Meter Size
Data Item Logical Type:	numerical
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Meter
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Meter size for Water Services tariff charge calculation purposes in [mm]
Further Details:	Size agreed for charging purposes. In most cases this equals the physical meter size.

Data Item Number:	D3003
Data Item Name:	Physical Meter Size
Data Item Logical Type:	numerical
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Meter
Correction Method:	Retrospective Amendment

Data Owner:	SW
Description:	Actual size of a meter in [mm]

Data Item Number:	D3004
Data Item Name:	Number of Digits
Data Item Logical Type:	numerical
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Meter
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	The number of digits on the meter register

Data Item Number:	D3005
Data Item Name:	Sewerage Chargeable Meter Size
Data Item Logical Type:	numerical
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Meter
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Meter size for Foul Sewerage Services tariff charge calculation purposes in [mm]
Further Details:	Size of a Related Water Supply Meter agreed for sewerage charging purposes. In most cases this will equal physical meter size.

Data Item Number:	D3006
Data Item Name:	Sub-meter ID
Data Item Logical Type:	string
Member of unique serial set:	yes
Member of Valid Set:	no
Data Group:	Meter
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Identifies a meter as a Sub-Meter below a Main Meter in a Meter Network

Data Item Number:	D3007
Data Item Name:	Non-Return to Sewer Allowance
Data Item Logical Type:	percentage
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Meter
Correction Method:	Retrospective Amendment
Data Owner:	SW

Description:	Non-return to sewer allowance for a particular meter in [%]
Further Details:	Typically this is 95% (i.e. 95% of the water volume is deemed to "return to sewer"). If a non-standard Non-Return to Sewer Allowance is in place, the value reflects the percentage that is agreed to be returning to the sewer

Data Item Number:	D3008
Data Item Name:	Meter Read
Data Item Logical Type:	numerical
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Meter
Correction Method:	Retrospective Amendment
Data Owner:	LP or SW
Description:	Register advance read from a meter in [m^3]

Data Item Number:	D3009
Data Item Name:	Meter Read Date
Data Item Logical Type:	date
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Meter
Correction Method:	Retrospective Amendment
Data Owner:	LP or SW
Description:	Date of meter read

Data Item Number:	D3010
Data Item Name:	Meter Read Type
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	yes
Data Group:	Meter
Correction Method:	Retrospective Amendment
Data Owner:	LP or SW
Description:	The type of meter reading (e.g. opening, closing, cyclic)

Data Item Number:	D3011
Data Item Name:	Meter Read Frequency
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	yes
Data Group:	Meter
Correction Method:	Error Rectification
Data Owner:	SW
Description:	The frequency that the Licensed Provider must read a meter

	Note, a value of N means that the LP should not provide meter readings – see CSD0202 and CSD0203 for details.

Data Item Number:	D3012
Data Item Name:	Re-Read
Data Item Logical Type:	boolean
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Meter
Correction Method:	Error Rectification
Data Owner:	LP or SW
Description:	Identifies a meter read as a re-read

Data Item Number:	D3013
Data Item Name:	Meter Make
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Meter
Correction Method:	Error Rectification
Data Owner:	SW
Description:	Specifies the make and/or manufacturer of a meter

Data Item Number:	D3014
Data Item Name:	Manufacturer Meter Serial Number
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Meter
Correction Method:	Error Rectification
Data Owner:	SW
Description:	Specifies the manufacturer's serial number of a meter. This item was previously described as 'Meter Serial No.'

Data Item Number:	D3015
Data Item Name:	Datalogger_SW
Data Item Logical Type:	boolean
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Meter
Correction Method:	Error Rectification
Data Owner:	SW
Description:	Specifies the presence of a Scottish Water datalogger

Data Item Number:	D3016

Data Item Name:	Datalogger_NonSW
Data Item Logical Type:	boolean
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Meter
Correction Method:	Error Rectification
Data Owner:	SW
Description:	Specifies the presence of a non Scottish Water datalogger

Data Item Number:	D3017
Data Item Name:	GISX
Data Item Logical Type:	numerical
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Meter
Correction Method:	Error Rectification
Data Owner:	SW
Description:	Specifies the X coordinate of the location of the meter

Data Item Number:	D3018
Data Item Name:	GISY
Data Item Logical Type:	numerical
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Meter
Correction Method:	Error Rectification
Data Owner:	SW
Description:	Specifies the Y coordinate of the location of the meter

Data Item Number:	D3019
Data Item Name:	GISZ
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Meter
Correction Method:	Error Rectification
Data Owner:	LP or SW
Description:	Specifies the Z Free Descriptor of the location of the meter

Data Item Number:	D3020

Data Item Name:	Rollover Indicator
Data Item Logical Type:	boolean
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Meter
Correction Method:	n/a
Data Owner:	LP or SW
Description:	Proposes whether the meter read has rolled over or not

Data Item Number:	D3021
Data Item Name:	Rollover Flag
Data Item Logical Type:	Boolean
Member of unique serial set:	No
Member of Valid Set:	No
Data Group:	Meter
Correction Method:	Retrospective Amendment
Data Owner:	LP or SW
Description:	Specifies whether the meter read has rolled over or not

Data Item Number:	D3022
Data Item Name:	Meter Treatment
Data Item Logical Type:	String
Member of unique serial set:	No
Member of Valid Set:	Yes
Data Group:	Meter
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Specifies whether the meter is a SW Water Meter or one of the various types of Private Meter

Data Item Number:	D3023
Data Item Name:	Accredited Entity Install
Data Item Logical Type:	Boolean
Member of unique serial set:	No
Member of Valid Set:	No
Data Group:	Meter
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Declares whether a meter install was carried out by an Accredited Entity

Data Item Number:	D3024
Data Item Name:	MDVol
Data Item Logical Type:	Percentage
Member of unique serial set:	No
Member of Valid Set:	No

Data Group:	Meter
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	For a meter Discharge Point association, the percentage of the volume associated with a meter which is discharged to the Discharge Point

Data Item Number:	D3025
Data Item Name:	Meter Location Code
Data Item Logical Type:	String
Member of unique serial set:	No
Member of Valid Set:	Yes
Data Group:	Meter
Correction Method:	Error Rectification
Data Owner:	LP or SW
Description:	Indicates Meter Position as set out in Scottish Water Meter Code of Practice Appendix 1

Data Item Number:	D3026
Data Item Name:	Meter Network Association
Data Item Logical Type:	Boolean
Member of unique serial set:	No
Member of Valid Set:	No
Data Group:	Meter
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Declares whether a meter network association should be added or removed

Data Item Number:	D3027
Data Item Name:	Main Meter ID
Data Item Logical Type:	simple (string with a restriction on the character set)
Member of unique serial set:	yes
Member of Valid Set:	no
Data Group:	Meter
Correction Method:	N/A
Data Owner:	SW
Description:	Identifies a meter as a main-meter above a sub meter in a meter network

Data Item Number:	D3028
Data Item Name:	S Read Reason Code
Data Item Logical Type:	String
Member of unique serial set:	No
Member of Valid Set:	Yes
Data Group:	Meter
Correction Method:	Retrospective Amendment
Data Owner:	LP

Description:	Identifies the reason for use of an estimated Transfer Read, instead of an actual Transfer Read

Data Item Number:	**D3029**
Data Item Name:	S Read Remedial Work Indicator
Data Item Logical Type:	Boolean
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Meter
Correction Method:	Retrospective Amendment~~RA~~
Data Owner:	LP
Description:	Identifies whether remedial action has been obtained for a meter associated with a transfer, when an estimated Transfer Read is submitted

Data Item Number:	**D4001**
Data Item Name:	Organisation ID
Data Item Logical Type:	string
Member of unique serial set:	yes
Member of Valid Set:	yes
Data Group:	Market
Correction Method:	n/a
Data Owner:	CMA
Description:	Unique ID for each organisation (Scottish Water, Licensed Providers etc) transacting with the CMA

Data Item Number:	**D4002**
Data Item Name:	Registration Start Date
Data Item Logical Type:	date
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Market
Correction Method:	Retrospective Amendments
Data Owner:	LP(i)
Description:	Date SPID becomes registered to a Licensed Provider

Data Item Number:	**D4003**
Data Item Name:	Text Comment Field
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Market
Correction Method:	n/a
Data Owner:	LP or SW
Description:	Generic text field for (short) comments & notes related to

	the Data Transaction.
Further Details:	Comments may be helpful for Trading Parties to track, identify or query changes and should reflect the reason for a change as appropriate.

Data Item Number:	D4004
Data Item Name:	Error / Return Code
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	yes
Data Group:	Market
Correction Method:	n/a
Data Owner:	n/a
Description:	Specifies error or return message using code from valid set

Data Item Number:	D4005
Data Item Name:	Cancellation Code
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	yes
Data Group:	Market
Correction Method:	Retrospective Amendments
Data Owner:	LP
Description:	Used by Licensed Providers to specify cancellation reason
Further Details:	Used at Transfer Registration to cancel a pending registration

Data Item Number:	D4006
Data Item Name:	Effective From
Data Item Logical Type:	date
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Market
Correction Method:	Retrospective Amendments
Data Owner:	LP or SW
Description:	Details the date new data or a change is effective from

Data Item Number:	D4007
Data Item Name:	Date of Evidence
Data Item Logical Type:	date
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Market
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Identifies the date of the site visit made in support of a

	T034.0 application.

Data Item Number:	**D4008**
Data Item Name:	Cryptographic Hash
Data Item Logical Type:	hexBinary
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Market
Correction Method:	N/A
Data Owner:	SW
Description:	Will identify the compiled evidence and will serve to provide a fingerprint for that evidence so that any party at any time can confirm the contents of the contemporary version of the evidence. The hash algorithm used to populate this data item must be that specified in the associated D4009 Cryptographic Hash Algorithm.

Data Item Number:	**D4009**
Data Item Name:	Cryptographic Hash Algorithm
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	yes
Data Group:	Market
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Name of the cryptographic hash algorithm used to derive the value of an associated D4008 Cryptographic Hash.

Data Item Number:	**D4010**
Data Item Name:	Vacancy Change Grace Period
Data Item Logical Type:	positiveInteger
Member of unique serial set:	no
Member of Valid Set:	yes
Data Group:	Market
Correction Method:	Retrospective Amendment
Data Owner:	CMA

Description:	Identifies the number of business days from the D4007 Date of Evidence to when a T034.2 and a T034.3 must be provided.

Data Item Number:	**D4011**
Data Item Name:	Water SP LP Org ID
Data Item Logical Type:	String
Member of unique serial set:	yes
Member of Valid Set:	yes
Data Group:	Market
Correction Method:	N/A
Data Owner:	CMA
Description:	The Organisation ID of an LP. Provided in connection with the Vacancy Admin Charging Scheme.

Data Item Number:	**D4012**
Data Item Name:	Sewerage SP LP Org ID
Data Item Logical Type:	String
Member of unique serial set:	yes
Member of Valid Set:	yes
Data Group:	Market
Correction Method:	N/A
Data Owner:	CMA
Description:	The Organisation ID of an LP. Provided in connection with the Vacancy Admin Charging Scheme.

Data Item Number:	**D4013**
Data Item Name:	Trading Party Name
Data Item Logical Type:	String
Member of unique serial set:	No
Member of Valid Set:	No
Data Group:	Market
Correction Method:	N/A
Data Owner:	CMA

Description:	The Organisation name of an LP.

Data Item Number:	D4014
Data Item Name:	Trading Party Type
Data Item Logical Type:	String
Member of unique serial set:	No
Member of Valid Set:	Yes
Data Group:	Market
Correction Method:	N/A
Data Owner:	CMA
Description:	This identifies what form of License an LP possesses.

Data Item Number:	D4015
Data Item Name:	POLR Status
Data Item Logical Type:	String
Member of unique serial set:	No
Member of Valid Set:	Yes
Data Group:	Market
Correction Method:	N/A
Data Owner:	CMA
Description:	Identifies whether an LP has opted out of the POLR process.

Data Item Number:	D4016
Data Item Name:	Trading Party Service
Data Item Logical Type:	String
Member of unique serial set:	No
Member of Valid Set:	Yes
Data Group:	Market
Correction Method:	N/A
Data Owner:	CMA
Description:	Identifies whether the LP has a License and if so, for what service.

Data Item Number:	D4017
Data Item Name:	Gap Site Status
Data Item Logical Type:	String
Member of unique serial set:	No
Member of Valid Set:	Yes

Data Group:	Market
Correction Method:	N/A
Data Owner:	CMA
Description:	Identifies whether an LP has opted out of the Gap Site allocation process..

Data Item Number:	D5001
Data Item Name:	Free Descriptor
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Address
Correction Method:	Error Rectification
Data Owner:	SW or LP
Description:	Free text descriptor for address/location details
Further Details:	May be used to record Health & Safety information or other access instructions when used with meters

Data Item Number:	D5002
Data Item Name:	Sub Building Name
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Address
Correction Method:	Error Rectification
Data Owner:	SW or LP
Description:	Sub building name

Data Item Number:	D5003
Data Item Name:	Building Name
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Address
Correction Method:	Error Rectification
Data Owner:	SW or LP
Description:	Building name

Data Item Number:	D5004
Data Item Name:	Building Number
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Address

Correction Method:	Error Rectification
Data Owner:	SW or LP
Description:	Building number

Data Item Number:	D5005
Data Item Name:	Dependent Thoroughfare Name
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Address
Correction Method:	Error Rectification
Data Owner:	SW or LP
Description:	Dependent Thoroughfare Name

Data Item Number:	D5006
Data Item Name:	Dependent Thoroughfare Descriptor
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Address
Correction Method:	Error Rectification
Data Owner:	SW or LP
Description:	Dependent Thoroughfare Descriptor

Data Item Number:	D5007
Data Item Name:	Thoroughfare Name
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Address
Correction Method:	Error Rectification
Data Owner:	SW or LP
Description:	Thoroughfare Name

Data Item Number:	D5008
Data Item Name:	Thoroughfare Descriptor
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Address
Correction Method:	Error Rectification
Data Owner:	SW or LP
Description:	Thoroughfare Descriptor

Data Item Number:	D5009
Data Item Name:	Double Dependent Locality

Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Address
Correction Method:	Error Rectification
Data Owner:	SW or LP
Description:	Double Dependent Locality

Data Item Number:	D5010
Data Item Name:	Dependent Locality
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Address
Correction Method:	Error Rectification
Data Owner:	SW or LP
Description:	Dependent Locality

Data Item Number:	D5011
Data Item Name:	Post Town
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Address
Correction Method:	Error Rectification
Data Owner:	SW or LP
Description:	Post Town

Data Item Number:	D5012
Data Item Name:	County
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Address
Correction Method:	Error Rectification
Data Owner:	SW or LP
Description:	County

Data Item Number:	D5013
Data Item Name:	Postcode
Data Item Logical Type:	string
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Address
Correction Method:	Error Rectification
Data Owner:	SW or LP

Description:	Postcode

Data Item Number:	D6001
Data Item Name:	Discharge Point ID
Data Item Logical Type:	string
Member of unique serial set:	yes
Member of Valid Set:	no
Data Group:	Trade Effluent
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	The unique identifier allocated to the Discharge Point by Scottish Water
Further Details:	If a SS SPID has an associated DPID then it is deemed to have Trade Effluent as a Service Element

Data Item Number:	D6002
Data Item Name:	TE YVe
Data Item Logical Type:	numerical
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Trade Effluent
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	The Trade Effluent Estimated Yearly Volume for the Discharge Point in [m^3]

Data Item Number:	D6003
Data Item Name:	Chargeable Daily Volume
Data Item Logical Type:	numerical
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Trade Effluent
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Trade Effluent Availability Data: Chargeable Daily Volume in [m^3]

Data Item Number:	D6004
Data Item Name:	sBODL
Data Item Logical Type:	numerical
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Trade Effluent
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Trade Effluent Availability Data: Chargeable Settled Biochemical Oxygen Demand load in [kg/day]

Data Item Number:	D6005
Data Item Name:	TSSL
Data Item Logical Type:	numerical
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Trade Effluent
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Trade Effluent Availability Data: Chargeable Total Suspended Solids load in [kg/day]

Data Item Number:	D6006
Data Item Name:	Ot
Data Item Logical Type:	numerical
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Trade Effluent
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Trade Effluent Operating Data: Fixed Strength Chemical Oxygen Demand

Data Item Number:	D6007
Data Item Name:	St
Data Item Logical Type:	numerical
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Trade Effluent
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Trade Effluent Operating Data: Fixed Strength Solids Demand

Data Item Number:	D6008
Data Item Name:	Actual Volume Discharged
Data Item Logical Type:	numerical
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Trade Effluent
Correction Method:	Retrospective Amendment
Data Owner:	LP or SW
Description:	Trade Effluent Volume: Volume in [m^3] notified

Data Item Number:	D6009

Data Item Name:	Non-domestic Allowance
Data Item Logical Type:	numerical
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Trade Effluent
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Annual volume associated with the foul sewerage for the Discharge Point [m^3]

Data Item Number:	D6010
Data Item Name:	Seasonal Discharge Indicator
Data Item Logical Type:	boolean
Member of unique serial set:	no
Member of Valid Set:	no
Data Group:	Trade Effluent
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	Notification of requirement to apply a premium to the Trade Effluent Charges in accordance with the Wholesale Charges Scheme

Data Item Number:	D6011
Data Item Name:	TE Treatment
Data Item Logical Type:	String
Member of unique serial set:	No
Member of Valid Set:	Yes
Data Group:	Trade Effluent
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	The level of treatment provided by Scottish Water to Trade Effluent discharged from the Discharge Point

Data Item Number:	D6012
Data Item Name:	Pcent Allowance
Data Item Logical Type:	Percentage
Member of unique serial set:	No
Member of Valid Set:	No
Data Group:	Trade Effluent
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	The amount of the Actual Yearly Volume of Water Services of all Meters associated with the Discharge Point, expressed as a percentage, which is not discharged to the

	Scottish Water sewer; for reasons such as evaporation or use in production.

Data Item Number:	D6013
Data Item Name:	Fixed Allowance
Data Item Logical Type:	Numerical
Member of unique serial set:	No
Member of Valid Set:	No
Data Group:	Trade Effluent
Correction Method:	Retrospective Amendment
Data Owner:	SW
Description:	The amount of the Actual Yearly Volume of Water Services of all meters associated with the Discharge Point, expressed as an annual volume in cubic metres, which is not discharged to the Public Sewerage System for reasons such evaporation loss, use in production or in relation to Surface Water Drainage Services which are recorded by an Effluent Meter;

3. Data Items Valid Set

3.1 Overview

Data items that must only be populated with data from an explicitly valid set are listed here together with the associated set.

3.2 Valid Sets

DI #	DI Name	Code	Description
D2002	Service Category	01	Identifies Supply Point as Water Services category
		02	Identifies Supply Point as Sewerage Services category
D2005	Customer Classification	LIC	Large Impact Customer
		SST	Sensitive Customer
		NA	Not Applicable
D2014	Farm/Croft	FARM	Farm
		CROFT	Croft or Small Holding
		NA	Not Applicable
D2023	New Connection Type	NEW	Standard new connection
		GS	Gap Site
		CU	Change of Use
D2025	Disconnection/Reconnection	REC	Supply Point Reconnection
		TDISC	Temporary Disconnection
		PDISC	Permanent Disconnection
		DREG	Deregistration
D2028	Customer Name Type	Customer Developer	Customer Name Type
D2034	Allocation Method	Rotation	Allocation Method
		Associated SPID	
		N/A	
D2038	SAA_Reference Number Absence Code	NR	Property Not Yet Rated
		ME	Missing Entry From SAA
		AG	Agricultural Land, Buildings and Troughs
		SR	Fish Farms, Fishing and Sporting Rights
		RC	Parks, Allotments and Sports Grounds
		MT	Multi-Tenancy
		CU	Cumulo Supply Point
		IP	Infrastructure Project
		BW	Building Water
		OT	Other
D2040	UPRN Absence Code	ME	Missing Entry From the OSG
		AG	Agricultural, Including Troughs
		SR	Fish Farms, Fishing and Sporting Rights
		RC	Parks, Allotments and Sports Grounds
		MT	Multi-Tenancy
		CU	Cumulo Supply Point
		IP	Infrastructure Project

DI #	DI Name	Code	Description
		PL	Not Yet Issued by Planning
		BW	Building Water
		OT	Other
D2041	Percentage Allowance	**50**	
		100	
D3010	Meter Read Type	**O**	Opening Read
		E	End Read
		I	Initial Read
		F	Final Read
		C	Regular Cyclic Read
		U	Customer Read
		S	Estimated Transfer Read
		T	Transfer Read
		X	Temporary Disconnection Read
		Y	Reconnection Read
		R	AMR Read
D3011	Meter Read Frequency	**B**	Bi-annually
		M	Monthly
		N	Never
D3022	Meter Treatment	**SWWater**	Scottish Water Water Meter
		LogicalWater	Logical Water Meter
		PseudoWater	Pseudo Water Meter
		PrivateWater	Private Water Meter
		PrivateEffluent	Private Effluent Meter
		TankeredEffluent	Tankered Effluent
D3025	Meter Location Code	**M1**	Outside property boundary
		M2	Just inside property boundary
		M3	Further Inside property boundary
		M4	Inside building
D3028	S Read Reason Code	**DM**	Different meter found onsite to that registered at the CMA
		MI	Meters are inaccessible, or cannot be read (fogged glass etc)
		NM	No meter found onsite, but CMA shows active meter
		NA	No access to premises/site
D4005	Cancellation Code	**S**	SPID error (Incoming Licensed Provider)
		N	No contract (Incoming Licensed Provider)
		D	Outstanding debt (Outgoing Licensed Provider)
		C	Contract in term (Outgoing Licensed Provider)
		F	Self Supplier (Outgoing Licensed Provider)
D4009	*Cryptographic Hash Algorithm*	**SHA256**	SHA256 cryptographic hash algorithm
D4010	*Grace Period*	**22**	22 business days
		45	45 business days
		65	65 business days
D4014	*Trading Party Type*	**Full**	Full License
		Self Supply	Self-Supply License
		Specialist	Specialist License
		Terminated	LP has exited the market
D4015	*POLR Status*	**POLR**	LP is a POLR LP
		Opted Out	LP has opted out of POLR

DI #	DI Name	Code	Description
D4016	*Trading Party Service*	**Water**	LP has a water License
		Sewerage	LP has a Sewerage License
		Water & Sewerage	LP has a Water and Sewerage License
D4017	*Gap Site Status*	**Gap Site**	LP can be allocated Gap Sites
		Opted Out	LP has opted out of Gap Site allocation
D6011	*TE Treatment*	**Secondary**	Secondary treatment
		Primary	Primary treatment
		Sub-Primary	Sub-primary treatment

3.3 Error / Return Code Set

Valid set for data item Error / Return Code D4004.

	Code	Description
	OK	OK will be received when the message has been processed and all the appropriate validations have taken place successfully. The sender will not receive an error after receiving an OK
	AA	Sender must be a valid Licensed Provider
	AB	SPID must be supplied in the transaction
	AC	SPID does not exist in the Central Systems
	AD	Meter read submitted as re-read. An exact duplicate Ignore Read does not exist for the Meter Read
	AE	SPID status must be Tradeable
	AF	SPID status must be New
	AG	SS SPID data cannot overwrite WS SPID data
	AH	SPID status is TDISC or Reconnected
	AI	Confirmed Connection Date must be in the past (upon receipt)
	AJ	Data required to complete new SPID process has not been received i.e. no chargeable SEs exist/ an RV is required.
	AK	Transfer Registration Rejected: Registration Start Date outside permitted window
	AL	Licensed Provider nominated by Scottish Water has rejected registration for a new SPID
	AM	Invalid Cancellation: Outside Cancellation Window
	AN	Sender must be a Licensed Provider or the meter is a Pseudo meter
	AO	Taps/Troughs must be Farm or Croft
	AP	Meter is PDISC or has been swapped and is Old meter
	AQ	Transfer Registration Rejected: Registration to other Applicant already in progress.
	AR	Transfer Registration Rejected: Applicant already registered to SPID or transfer to Applicant already pending.
	AS	Cancellation request not applicable to this Licensed Provider
	AT	Meter Read Rejected: Read type inappropriate
	AU	SPID Disconnection date must be today or in the past
	AV	SPID status must be Partial or Tradeable
	AW	Sender must be a Licensed Provider with an Active Registration
	AX	Transfer Registration Rejected: SPID is Disconnected
	AY	Old meter must be active
	AZ	meter can only be added to a WS SPID
	BA	Cannot make SPID Unmeasurable: Has meter
	BB	The specified meter treatment type is not allowed for this transaction
	BC	Meter Read Rejected: Meter not associated to SPID (mismatch)
	BD	Deprecated error code. See code EM or HB
	BE	Meter Read Rejected: outside meter capacity limit
	BF	A read for this date already exists
	BG	Meter Read Rejected: Licensed Provider not registered to SPID
	BH	Meter Read Rejected: daily usage too high
	BI	New meter read date must be the same or after the old meter read date
	BL	Meter Read Rejected: daily usage too low
	BN	Meter Read Rejected: small negative meter advance; would create a negative charge
	BV	Meter Read Rejected: negative meter advance larger than 3m3 per day; would create a negative charge
	BZ	Meter Read Rejected: zero meter advance

	DA	DO NOT REUSE
	DB	WS SPID and/or SS SPID does not exist in the Central Systems
	DC	Transaction must be for a WS SPID
	DD	Service category already exists for this connection
	DE	Old and New Meters incompatible for meter swap. Old Meter is not a domestic meter
	DF	Effective From date predates previous change
	DG	Meter not associated to SPID
	DH	Cannot complete connection of sewerage service before the related water service
	DI	SPID has passed the switching limit
	DJ	Transaction must contain: Sender, Recipient, Timestamp, SPID.
	DK	Effective From Date cannot be in the future
	DL	Sender must be wholesaler.
	DM	Discharge Point already exists
	DN	Discharge Point is discontinued
	DO	SPID and DPID are not associated
	DP	Discharge Point not associated with the water meter
	DQ	Discharge Point already discontinued
	DR	Discharge Point ID does not exist in the Central Systems
	DS	TE Allowance plus Return to Sewerage Allowance cannot exceed 100%
	DT	Cannot associate a Discharge Point with a water meter that doesn't exist in the Central Systems.
	DU	DO NOT REUSE
	DV	Invalid Customer Name
	DW	Customer Name is not present
	DX	SPID does not exist or it is a Sewerage SPID that is paired with a Water SPID
	DY	Meter Is a Pseudo Meter
	DZ	Either SPID or Registration Start date is not valid.
	EA	Not in Scotland
	EB	Comments field must be populated. The comment must be between 1 and 255 characters long
	EC	GIS data Incomplete
	ED	Transaction must be for a SS SPID
	EE	CS disagrees with the Rollover Indicator provided
	EF	Unable to determine the rollover status. Please supply the Rollover Indicator
	EG	There are no Licensed Providers available for Gap Site allocation
	EH	Deprecated error code. See error code BF.
	EI	The Rollover Indicator may not be present on an O or an I read
	EJ	SPID status must be connected.
	EK	Message does not contain Org SenderID or Org Recipient ID
	EL	Message must contain SPID and Effective From Date
	EM	SPID status is Disconnected, it must be connected or TDISC
	EN	SPID status is TDISC
	EO	SPID status is reconnected
	EP	SPID does not have an active registration
	EQ	SPID status must be new or partial
	ER	The unmeasurable Service Element on the SPID already has an Effective To date set
	ES	DO NOT RE-USE
	ET	SPID is disconnected, rejected, or deregistered OR has Transitional Indicator set to true on the Effective From Date
	EU	SPID status is Unmeasureable
	EV	SPID status must be partial or connected
	EW	SPID status is disconnected or has been rejected.

EX	Licensed Provider Org ID does not match Sender Org ID
EY	Meter does not exist in the Central Systems
EZ	Meter is a Pseudo Meter
FA	Meter already exists in the Central Systems
FB	Meter ID must be included in the transaction
FC	Meter Make must be included in the transaction
FD	Meter Serial Number must be included in the transaction
FE	SPID status is Umeasureable or it is a special case (i.e. TA set and has one service element and that SE is unmeasurable)
FF	Meter Read Frequency must be N
FG	Chargeable Meter Size must be 20mm
FH	Meter is attached to a SPID and a SPID must be provided
FI	Meter does not exist in the Central Systems or is a Pseudo meter.
FJ	SPID status must be Tradable or TDISC
FK	Meter is a non-market meter and is not linked to a SPID
FL	Meter does not exist in the Central Systems
FM	Both old and new meter must be included in the transaction
FN	Old and/or New Meter does not exist in the Central Systems
FO	Meter either has previous reading or old meter read type is not E and/or New Meter Read type is not O
FP	Meter is discontinued or has already been swapped
FQ	Old and/or New meter is a Pseudo meter
FR	Old and New meters must contain same chargeable size and RTS.
FS	Old and New meters incompatible for meter swap. New meter is in meter network
FT	New meter must be active or pending
FU	Sender does not exist in Central Systems
FV	Meter Read date is earlier than the Effective To date of Unmeasurable Service Elements associated with the Supply Point
FW	Read is a Duplicate Initial Read or Duplicate Final Read
FX	Meter read must be on a date after the last meter reading
FY	Initial Meter Reading Rejected: Meter Readings already exist
FZ	Transaction must contain SPID and SPID Sender Org Id or Recipient Org ID.
GA	SPID status must be Partial
GB	Effective Date and/or Metered Building Water Flag values must be different to the current values in the Central Systems
GC	Effective Date must be on or after 1 April 2011
GD	The WS SPID Status must be new or partial, the SS SPID Status must be partial or tradable
GE	Required data items have not been provided for this Meter Treatment type
GF	A New or Partial Supply Point cannot be permanently disconnected; deregistration must be used
GG	There are unterminated meter(s) at the Supply Point
GH	There are unterminated Trade Effluent Discharge Point(s) at the Supply Point
GI	The meter read date cannot be in the future
GJ	Sewerage SPID has been associated to a Tradeable Water SPID at some point since the D4006_EffectiveFrom
GK	SPID has not been Tradable or TDISC continuously since the D4006_EffectiveFrom
GL	SPID must be continuously vacant from the D4006_EffectiveFrom
GM	Date of Evidence too early compared to the transaction date
GN	LP has transferred SPID since the D4006_EffectiveFrom, or SPID transfer is pending
GO	SPID must be continuously vacant from the D4006_EffectiveFrom
GP	There is already an existing Open Vacancy Application for this SPID
GQ	Details do not match any opened T034.0 Vacancy Scheme Application

GR	Vacancy Scheme Application has been previously closed
GS	Vacancy Scheme Grace Period has not yet elapsed (LP not yet notified)
GT	Vacancy Scheme Application Rejected due to late T034.4
GU	Date cannot be in the future
GV	Supply Point must not be Pre-Tradeable
GW	Supply Point must be Pre-Tradeable
GX	Connect the Sewerage Supply Point via the Water Supply Point as the Water is Pre Tradeable
GY	Water Supply Point is not (potentially) chargeable on given connection date
GZ	Sewerage Supply Point is not (potentially) chargeable on given date
HA	The meter read date is less than "2007-04-01"
HB	The SPID has never been declared Unmeasurable OR there are no Unmeasurable Service Elements active on or after the EffectiveFrom Date
HC	You cannot swap a meter with itself
HD	It is not safe to change the number of digits on the meter
HE	Meter Read digit count is greater than the meter digit count
HF	Wholesaler cannot send a Cyclic, Customer, AMR or Transfer Read for a market meter
HG	An exact duplicate of this meter read already exists
HH	Meter reads cannot be submitted for a sewerage SPID
HI	The specified SPID does not relate to the meter or the Sender is not valid
HJ	A SPID has been specified or the Sender is not valid
HK	The specified D3007_ReturnToSewerAllowance is not valid
HL	D3002_(Chargeable Meter Size) must be zero for Private Water Meters, Private Effluent Meters and Tankered Waste Meters.
HM	The Meter Treatment must be the same for the old and the new meter
HN	Return to Sewerage Allowance cannot be set to Zero for SWWater / PrivateWater/LogicalWater meters that are associated to a DPID on the Effective Date
HO	Water SPID is not associated with a Market Meter
HP	The specified D2001 (SPID) must be a sewerage SPID and must have an associated water SPID
HQ	Water SPID Transfer Meter Reads can only be sent by the Incoming LP
HR	Sender is not the current LP
HS	The Sewerage Supply Point of the DPID is not associated with the Water Supply Point of the Meter
HT	The MDVol value on the given Effective Date has already been previously set for the DPID-Meter Association
HU	The Meter's Return to Sewerage should be greater than 0.00% continuously from the Effective From Date
HV	The DPID has active meter associations
HW	D3005 (Sewerage Chargeable Meter Size) must be zero for Private Effluent Meters and Tankered Effluent Meters
HX	No SPID must be provided for a non-market meter
HY	The Meter Treatment of the Subtraction Meter must be the same as that of the Main Meter.
HZ	Transfer Meter Read rejected; the LP for the associated water SPID should provide the T reading
IA	No Meter Location Code Provided
IB	Meter has previously been made active
IC	In a Meter Network, the SubSPID should not be the same MainSPID
ID	Farm/Croft flag must be set if number of Outside Taps or Troughs and Drinking Bowls is greater than zero
IE	MID Already Exists
IF	The Meter is not associated to the provided SPID
IG	The Meter should have treatment SWWater or PrivateWater.
IH	The Meter should have at least one meter reading

	II	The SubMeter is non-domestic but the SubSPID Is not provided OR the SubMeter is domestic yet a SubSPID is provided
	IJ	The Meter Network Association is already active for the requested period
	IK	The Meter Network Association is already inactive for the requested period.
	IL	The Sub Meter can only be actively associated to one Main Meter at any given time.
	IM	There is no existing Meter Network Association between the Main Meter and the Sub Meter
	IN	The Meter Network Activation date should be prior to the earlier of the Main & Sub End Dates
	IO	The Meter Network Activation date should be after the later of the Main & Sub Start Dates
	IP	The meter is part of a Meter Network that is active at a date on or after the Final Read Date
	IQ	The Supply Point or Associated Supply Point has more than one Unmeasurable on a given day on or after the Effective From Date.
	IR	There already exists a Metered Period for the Supply Point (or associated Supply Point) on or after the Effective From Date.
	IT	The S Read Reason Code must be provided
	IU	The S Read Remedial Work Indicator must be provided and set to true
	IV	The D2041 should only be provided if the D2004 is provided and is set to TRUE.
	IW	The specified D2041 Percent Exemption value is not valid for this transaction.
	IX	The specified Org ID does not exist in Central Systems
	IY	Associated Water SPID must not be Tradeable or TDISC
	IZ	D4006 must be greater than the Effective To Date of the last instance of the WSP being either Tradeable or TDISC
	JA	Invalid Character Found
	JB	D3028 and D3029 should only be provided for S reads.
	JC	Either the D2037 or the D2038 must be provided.
	JD	Either the D2039 or the D2040 must be provided.
	JE	Reference already exists in the CS against a SPID that is New, Partial, Tradeable, TDISC, or Rejected
	JF	Reference should match the existing value in the CS for the Supply Point.
	JG	UARN is duplicated in SAA - more information required
	JH	No action specified - more information required
	XA	Licensed Provider rejects registration for a new SPID

NOTE: There are further error codes that are not used for transactions and are therefore excluded from the above list, but are used by the CMA for Additional Services. These non-transaction related error codes may be found in the schedule of Additional Services issued by the CMA.

4. Transactions

4.1 Overview

Data transactions are defined using the following parameters:

Transaction Number	Uniquely identifies the transaction in this document	
Transaction Name	*Descriptive name of the transaction*	
From	*Organisation allowed to send this transaction (see key)*	
To	*Organisation allowed to receive this transaction (see key)*	
DI #	**Name**	**FLAG**
Data Item Number	*Data Item Name*	*see key*
Description	*Describes purpose for correct usage of this transaction*	

Key

Trading Parties	Description
CMA	Central Market Agency
SW	Scottish Water
LP	Licensed Provider
LP(o)	Licensed Provider (outgoing)
LP(i)	Licensed Provider (incoming)

Flag	Description
RQ	Data item must be present in this transaction. Note that where the data is "false", "zero" or "null" the data item must nevertheless be present in the transaction
OP	Data item is optional in this transaction. Refer to Annex A for further details

4.2 Alphabetical List of Data Transactions

Name	Transaction
Create Update Customer Name	T032.0
Customer Name Updated	T032.1
Customer Name Updated	T032.2
Declare Disconnection/Reconnection/Deregistration	T015.0
Discontinue DPID	T026.0
Discontinue DPID	T026.1
Error / Notification	T009.0
Error / Notification	T009.1
Error / Notification	T009.2
Error / Notification	T009.3
Meter Read	T005.0
Meter Read	T005.1
Meter Read	T005.2
Meter Read	T005.3
Notify Connection	T007.2
Notify Connection Complete (SS)	T007.1
Notify Connection Complete (WS)	T007.0
Notify Disconnection/Reconnection/Deregistration	T015.1
Notify DP Meter Reads	T030.0
Notify DP Meter Reads	T030.1
Notify DPID	T021.0
Notify DPID	T021.1
Notify EWA[1]	T031.0
Notify Meter Association	T023.0
Notify Meter Association	T023.1
Notify Meter Chargeable	T014.1
Notify Meter De-association	T024.0
Notify Meter De-association	T024.1
Notify Meter Details	T004.0
Notify Meter Details	T004.1
Notify Meter Details	T004.2
Notify Meter Location	T013.3
Notify/Update Metered Building Water	T033.0
Notify Metered Building Water	T033.1
Notify Meter Network Data	T036.1
Notify New SPID	T002.0
Notify New SPID	T002.1
Notify Registration Cancellation	T011.0
Notify Registration Cancellation	T011.1
Notify RSD	T008.0
Notify RSD	T008.1
Notify RSD	T008.2
Notify SAA Reference Number/UPRN	T012.6
Notify SPID Special Arrangement	T029.0
Notify SPID Unmeasurable Status	T016.1
Notify SS SPID Data	T020.0

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[1] Transaction Disabled

Name	Transaction
Notify SS SPID Service Elements	T006.5
Notify Swap Meter	T017.0
Notify Swap Meter	T017.1
Notify TE Operating Data	T022.1
Notify TE Schedule 3	T028.0
Notify TE Schedule 3	T028.1
Notify TE Volume	T025.0
Notify TE Volume	T025.1
Notify TE Volume	T025.2
Notify TE Volume	T025.3
Notify WS SPID Data	T019.0
Notify WS SPID Service Elements	T006.4
Notify/Update Virtual Meter Details	T004.3
Partial Registration Application	T003.0
Provide SS SPID Data	T006.1
Provide SS SPID Service Elements	T006.3
Provide WS SPID Data	T006.0
Provide WS SPID Service Elements	T006.2
Registration Application	T003.1
Registration Cancellation	T010.0
Registration Cancellation	T010.1
Request New SPID	T001.0
Set SPID Special Arrangement	T029.1
Removed September 2013	T029.2
Set SPID Unmeasurable Status	T016.0
ServiceElementUpdateNotification	T012.2
Submit Meter Network Data	T036.0
TradeabilityNotification	T035.0
TradeabilityNotification	T035.1
Update Chargeable SPID Data	T012.1
Update DPID details	T027.0
Update DPID details	T027.1
Update Meter Chargeable	T014.0
Update Meter Data	T013.0
Update Meter Data	T013.1
Update Meter Location	T013.2
Update Premises Special Arrangements	T029.3
Update SAA Reference Number/UPRN	T012.5
Update Sewerage Service Elements	T012.3
Update SPID Data	T012.0
Update TE Operating Data	T022.0
Vac Scheme: Application	T034.0
Vac Scheme: Grace Period Notification	T034.1
Vac Scheme: Grace End Notification	T034.2
Vac Scheme: Application Notification	T034.3
Vac Scheme: Application Confirmation or Cancellation	T034.4
Vac Scheme: Application Confirmation or Cancellation Notification	T034.5

4.3 Catalogue: Transactions (numerical order)

Transaction Number	T001.0	
Transaction Name	Request New SPID	
From	SW	
To	CMA	
DI #	**Name**	**FLAG**
D4001	Organisation ID	OP
D2009	SW Connection Reference	RQ
D2002	Service Category (SPID tag)	RQ
D2001	SPID (see note below)	OP
D2023	New Connection Type	RQ
D2037	SAA Reference Number	OP
D2038	SAA Reference Number Absence Code	OP
D2039	UPRN	OP
D2040	UPRN Absence Code	OP
D5001	Free Descriptor	OP
D5002	Sub Building Name	OP
D5003	Building Name	OP
D5004	Building Number	OP
D5005	Dependent Thoroughfare Name	OP
D5006	Dependent Thoroughfare Descriptor	OP
D5007	Thoroughfare Name	OP
D5008	Thoroughfare Descriptor	OP
D5009	Double Dependent Locality	OP
D5010	Dependent Locality	OP
D5011	Post Town	OP
D5012	County	OP
D5013	Postcode	OP
Description	Used by SW to request new SPID at creation of a new Supply Point or New Connection. D4001 Organisation ID is not required where D2023 New Connection Type is for a Gap Site. Otherwise D4001 must be populated. For each service category at a premises, the transaction shall be repeated with the same SW Connection Reference to ensure that SPIDs created are identified as related. If one SPID already exists and another service is being added to create a pair for the premises, the SPID field must be completed to ensure that the SPIDs are related via the Core number	

Transaction Number	T002.0	
Transaction Name	Notify New SPID	
From	CMA	
To	LP	
DI #	Name	FLAG
D2001	SPID	RQ
D2009	SW Connection Reference	RQ
D2023	New Connection Type	RQ
D2034	Allocation Method	RQ
D2037	SAA Reference Number	OP
D2038	SAA Reference Number Absence Code	OP
D2039	UPRN	OP
D2040	UPRN Absence Code	OP
D5001	Free Descriptor	OP
D5002	Sub Building Name	OP
D5003	Building Name	OP
D5004	Building Number	OP
D5005	Dependent Thoroughfare Name	OP
D5006	Dependent Thoroughfare Descriptor	OP
D5007	Thoroughfare Name	OP
D5008	Thoroughfare Descriptor	OP
D5009	Double Dependent Locality	OP
D5010	Dependent Locality	OP
D5011	Post Town	OP
D5012	County	OP
D5013	Postcode	OP
Description	Notification to a LP of a new SPID. The LP is as nominated by Scottish Water in T001.0 or, where required, assigned by the CMA	

Transaction Number	T002.1	
Transaction Name	Notify New SPID	
From	CMA	
To	SW	
DI #	Name	FLAG
D2001	SPID	RQ
D2009	SW Connection Reference	RQ
D2034	Allocation Method	RQ
D4001	OrgID	RQ
D2037	SAA Reference Number	OP
D2038	SAA Reference Number Absence Code	OP
D2039	UPRN	OP
D2040	UPRN Absence Code	OP
D5001	Free Descriptor	OP
D5002	Sub Building Name	OP
D5003	Building Name	OP

D5004	Building Number	OP
D5005	Dependent Thoroughfare Name	OP
D5006	Dependent Thoroughfare Descriptor	OP
D5007	Thoroughfare Name	OP
D5008	Thoroughfare Descriptor	OP
D5009	Double Dependent Locality	OP
D5010	Dependent Locality	OP
D5011	Post Town	OP
D5012	County	OP
D5013	Postcode	OP
Description	Notification to SW of a new SPID when a new Supply Point is created. The D4001 OrgID will identify the LP provided by SW in the T002.0 or will be the LP identified by the CMA for a Gap Site.	

Transaction Number	**T003.0**	
Transaction Name	Partial Registration Application	
From	LP	
To	CMA	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
Description	Acceptance by the LP that they are the LP for a New Supply Point or New Connection (i.e. for the SPID notified in T002.0)	

Transaction Number	**T003.1**	
Transaction Name	Registration Application	
From	LP	
To	CMA	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D4002	Registration Start Date	RQ
Description	Request by the LP for Registration of the nominated SPID for the Transfer Registration process.	

Transaction Number	**T004.0**	
Transaction Name	Notify Meter Details	
From	SW	
To	CMA	
DI #	**Name**	**FLAG**
D2001	SPID	OP
D3001	Meter ID	RQ
D3004	Number of Digits	RQ
D3003	Physical Meter Size	OP
D3002	Chargeable Meter size	RQ
D3011	Meter Read Frequency	RQ
D3007	Non-Return to Sewer Allowance	RQ

D3005	Sewerage Chargeable Meter Size	RQ
D3013	Meter Make	RQ
D3014	Manufacturer Meter Serial Number	RQ
D3015	Datalogger_SW	OP
D3016	Datalogger_NonSW	OP
D3017	GISX	OP
D3018	GISY	OP
D3019	GISZFreeDescriptor	OP
D3022	Meter Treatment	OP
D3023	Accredited Entity Install	OP
D3025	Meter Location Code	OP
D5001	Free Descriptor	OP
D5002	Sub Building Name	OP
D5003	Building Name	OP
D5004	Building Number	OP
D5005	Dependent Thoroughfare Name	OP
D5006	Dependent Thoroughfare Descriptor	OP
D5007	Thoroughfare Name	OP
D5008	Thoroughfare Descriptor	OP
D5009	Double Dependent Locality	OP
D5010	Dependent Locality	OP
D5011	Post Town	OP
D5012	County	OP
D5013	Postcode	OP
Description	Meter details submitted by SW following a new meter installation. D2001 SPID in this transaction is not required where the meter is a Sub-meter in a meter network and is not directly associated to a SPID. Where a meter is a main meter in a meter network it must be associated to a SPID for Settlement purposes and in such case the SPID is required in this transaction. D3003, D3017, D3018 & D3025 are required if D3022 is set to; SWWater or PrivateWater. D3017, D3018 & D3025 are required if D3022 is set to; Private Effluent. For D3003, all meter treatments are valid, except for PseudoWater	

Transaction Number	T004.1	
Transaction Name	Notify Meter Details	
From	CMA	
To	LP	
DI #	**Name**	**FLAG**
D2001	SPID	OP
D3001	Meter ID	RQ
D3004	Number of Digits	RQ
D3003	Physical Meter Size	RQ

D3002	Chargeable Meter size	RQ
D3011	Meter Read Frequency	RQ
D3007	Non-Return to Sewer Allowance	RQ
D3005	Sewerage Chargeable Meter Size	RQ
D3013	Meter Make	RQ
D3014	Manufacturer Meter Serial Number	RQ
D3015	Datalogger_SW	OP
D3016	Datalogger_NonSW	OP
D3017	GISX	OP
D3018	GISY	OP
D3019	GISZFreeDescriptor	OP
D3022	Meter Treatment	OP
D3025	Meter Location Code	OP
D2010	YVe	OP
D5001	Free Descriptor	OP
D5002	Sub Building Name	OP
D5003	Building Name	OP
D5004	Building Number	OP
D5005	Dependent Thoroughfare Name	OP
D5006	Dependent Thoroughfare Descriptor	OP
D5007	Thoroughfare Name	OP
D5008	Thoroughfare Descriptor	OP
D5009	Double Dependent Locality	OP
D5010	Dependent Locality	OP
D5011	Post Town	OP
D5012	County	OP
D5013	Postcode	OP
Description	Notification to the LP of the meter details sent in T004.0 or at Transfer to LP(i) D2001 SPID in this transaction is not required where the meter is a Sub-meter in a meter network and is not directly associated to a SPID. Where a meter is a main meter in a meter network it must be associated to a SPID for Settlement purposes and in such case the SPID is required in this transaction. Where an LP submitted YVe is in effect for this meter then it will be included in this transaction.	

Transaction Number	**T004.2**	
Transaction Name	Notify Meter Details	
From	LP	
To	CMA	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D3001	Meter ID	RQ
D2010	YVe	RQ
Description	Meter details submitted by LP following meter installation	

	or other data updates.	

Transaction Number	T004.3	
Transaction Name	Notify/Update Virtual Meter Details	
From	SW	
To	CMA	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D2010	YVe	RQ
D3001	Meter ID	RQ
D3004	Number of Digits	RQ
D3003	Physical Meter Size	RQ
D3002	Chargeable Meter size (see notes below)	RQ
D3011	Meter Read Frequency (see notes below)	RQ
D3007	Non-Return to Sewer Allowance	RQ
D3005	Sewerage Chargeable Meter Size	RQ
D3013	Meter Make	RQ
D3014	Manufacturer Meter Serial Number	RQ
D5001	Free Descriptor (see notes below)	RQ
Description	Virtual Meter information notified to support Re-assessed Charges (see CSD0104 for further details): • D3013 [see CSD0104 for values to be used]; and • D3014 [see CSD0104 for values to be used]; and • D5001 will always state "PSEUDO METER', • D3002 must conform to the size permitted in the Wholesale Charges Scheme	

Transaction Number	T005.0	
Transaction Name	Meter Read	
From	SW	
To	CMA	
DI #	**Name**	**FLAG**
D2001	SPID	OP
D3001	Meter ID	RQ
D3008	Meter Read	RQ
D3009	Meter Read Date	RQ
D3010	Meter Read Type	RQ
D3012	Re-Read	OP
D3020	Rollover Indicator	OP
Description	A Meter Read submission from SW D2001 SPID in this transaction is not required where the meter is a Sub-meter in a meter network and is not directly associated to a SPID. Where a meter is a main meter in a meter network it must be associated to a SPID for Settlement purposes and in such case the SPID is	

required in this transaction.

Where the D3001 pertains to Private Effluent or Tankered Effluent Meter Type, the D3001 SPID should be the Sewerage SPID.

Note - cannot use End or Opening Read as these are supplied as part of T017.0 Meter Swap

Transaction Number	T005.1	
Transaction Name	Meter Read	
From	LP	
To	CMA	
DI #	Name	FLAG
D2001	SPID	OP
D3001	Meter ID	RQ
D3008	Meter Read	RQ
D3009	Meter Read Date	RQ
D3010	Meter Read Type	RQ
D3028	S Read Reason Code	OP
D3029	S Read Remedial Work Indicator	OP
D3012	Re-Read	OP
D3020	Rollover Indicator	OP
Description	A meter read submission from a LP D2001 SPID in this transaction is not required where the meter is a Sub-meter in a meter network and is not directly associated to a SPID. Where a meter is a main meter in a meter network it must be associated to a SPID for Settlement purposes and in such case the SPID is required in this transaction. If the D3010 is S, the D3028 and D3029 must be provided. Where the D3001 pertains to Private Effluent or Tankered Effluent Meter Type, the D3001 SPID should be the Sewerage SPID.	

Transaction Number	T005.2	
Transaction Name	Meter Read	
From	CMA	
To	LP	
DI #	Name	FLAG
D2001	SPID	OP
D3001	Meter ID	RQ
D3008	Meter Read	RQ
D3009	Meter Read Date	RQ

D3010	Meter Read Type	RQ
D3028	S Read Reason Code	OP
D3029	S Read Remedial Work Indicator	OP
D3012	Re-Read	OP
D3021	Rollover Flag	RQ
Description	A notification from the CMA of a Meter Read to the LP. Sent when the read is not submitted by the LP or when the read is submitted by the LP to return a read with the associated rollover flag. D2001 SPID in this transaction is not required where the meter is a Sub-meter in a meter network and is not directly associated to a SPID. Where a meter is a main meter in a meter network it must be associated to a SPID for Settlement purposes and in such case the SPID is required in this transaction.	

Transaction Number	T005.3	
Transaction Name	Meter Read	
From	CMA	
To	SW	
DI #	**Name**	**FLAG**
D2001	SPID	OP
D3001	Meter ID	RQ
D3008	Meter Read	RQ
D3009	Meter Read Date	RQ
D3010	Meter Read Type	RQ
D3028	S Read Reason Code	OP
D3029	S Read Remedial Work Indicator	OP
D3012	Re-Read	OP
D3021	Rollover Flag	RQ
Description	A notification from the CMA of a Meter Read to SW. Sent when the read is not submitted by SW or when the read is submitted by SW to return a read with the associated rollover flag. D2001 SPID in this transaction is not required where the meter is a Sub-meter in a meter network and is not directly associated to a SPID. Where a meter is a main meter in a meter network it must be associated to a SPID for Settlement purposes and in such case the SPID is required in this transaction.	

Transaction Number	T006.0	
Transaction Name	Provide WS SPID Data	
From	LP	
To	CMA	
DI #	**Name**	**FLAG**
D2001	SPID	RQ

	D2005	Customer Classification	OP
	D2008	SIC Code	OP
	D2011	Rateable Value	OP
Description		SPID data related to a WS Supply Point, sent by the LP for a new WS Supply Point.	

Transaction Number	T006.1	
Transaction Name	Provide SS SPID Data	
From	LP	
To	CMA	

DI #	Name	FLAG
D2001	SPID	RQ
D2005	Customer Classification	OP
D2008	SIC Code	OP
D2011	Rateable Value	OP
Description	SPID data related to a SS Supply Point, sent by the LP for a new SS Supply Point. Note - WS details for these data items takes precedence over those supplied by the SS LP	

Transaction Number	T006.2	
Transaction Name	Provide WS SPID Service Elements	
From	SW	
To	CMA	

DI #	Name	FLAG
D2001	SPID	RQ
D2018	Troughs & Drinking Bowls	RQ
D2020	Outside Taps	RQ
D2014	Farm/Croft	RQ
Description	SPID data related to a WS Supply Point, sent by SW before the connection of a new WS Supply Point.	

Transaction Number	T006.3	
Transaction Name	Provide SS SPID Service Elements	
From	SW	
To	CMA	

DI #	Name	FLAG
D2001	SPID	RQ
D2016	Property Drainage	RQ
D2017	Roads Drainage	RQ
Description	SPID data related to a SS Supply Point, sent by SW for a new SS Supply Point.	

Transaction Number	T006.4	
Transaction Name	Notify WS SPID Service Elements	
From	CMA	

To	LP

DI #	Name	FLAG
D2001	SPID	RQ
D2018	Troughs & Drinking Bowls	RQ
D2020	Outside Taps	RQ
D2014	Farm/Croft	RQ
D2011	Rateable Value	RQ
Description	Notification to the LP of SPID data related to a WS Supply Point	

Transaction Number	T006.5	
Transaction Name	Notify SS SPID Service Elements	
From	CMA	
To	LP	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D2016	Property Drainage	RQ
D2017	Road Drainage	RQ
D2011	Rateable Value	RQ
Description	Notification to the LP of SPID data related to a SS Supply Point	

Transaction Number	T007.0	
Transaction Name	Notify Connection Complete (WS)	
From	SW	
To	CMA	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D2013	Connection Date	RQ
D2033	Accredited Entity Install	OP
Description	Confirmation by SW that a WS Supply Point is connected	

Transaction Number	T007.1	
Transaction Name	Notify Connection Complete (SS)	
From	LP	
To	CMA	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D2013	Connection Date	RQ
Description	Confirmation by the LP that a SS Supply Point is connected. Note - This transaction is only required if there is no Related Water Supply Meter	

Transaction Number	T007.2	
Transaction Name	Notify Connection	
From	CMA	
To	LP	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D2013	Connection Date	RQ
Description	Notification from the CMA to the LP of SW's confirmation of WS Supply Point connection	

Transaction Number	T008.0	
Transaction Name	Notify RSD	
From	CMA	
To	LP(o)	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D4002	Registration Start Date	RQ
Description	Notification from the CMA to a LP of loss of their Registration for a SPID. The Registration Start Date (RSD) shall be the first day that the Outgoing LP ceases to be registered to the SPID. The last date of their Registration shall be the day preceding the RSD.	

Transaction Number	T008.1	
Transaction Name	Notify RSD	
From	CMA	
To	LP(i)	
DI #	Name	FLAG
D2001	SPID	RQ
D4002	Registration Start Date	RQ
Description	Confirmation from the CMA to an Incoming LP of acceptance of their Registration for a SPID. The Registration Start Date shall be the first day that LP becomes registered to the SPID.	

Transaction Number	T008.2	
Transaction Name	Notify RSD	
From	CMA	
To	SW	
DI #	Name	FLAG
D2001	SPID	RQ
D4001	OrgID	RQ
D4002	Registration Start Date	RQ
Description	Confirmation from the CMA to SW of the acceptance of the Registration for a SPID. The D4001 OrgID should be the Incoming LP	

Transaction Number	T009.0	
Transaction Name	Error / Notification	
From	CMA	
To	LP	
DI #	Name	FLAG
D2001	SPID	OP
D4004	Error/Return Code	RQ
D1008	Data Item Reference	OP
Description	This transaction notifies the sending party of receipt of a transaction. The Error/Return Code [D4004] indicates whether processing of the transaction received has been successful. Where it is not successful an error code may be paired with a Data Item Reference [D1008] identifying the data that caused the error	

Transaction Number	T009.1	
Transaction Name	Error / Notification	
From	CMA	
To	SW	
DI #	Name	FLAG
D2001	SPID	OP
D4004	Error/Return Code	RQ

D1008	Data Item Reference	OP
Description	This transaction notifies the sending party of receipt of a transaction. The Error/Return Code [D4004] indicates whether processing of the transaction received has been successful. Where it is not successful an error code may be paired with a Data Item Reference [D1008] identifying the data that caused the error	

Transaction Number	T009.2	
Transaction Name	Error / Notification	
From	LP	
To	CMA	
DI #	**Name**	**FLAG**
D2001	SPID	OP
D4004	Error/Return Code	RQ
D1008	Data Item Reference	OP
Description	This transaction only occurs for New Connection process	

Transaction Number	T009.3	
Transaction Name	Error / Notification	
From	SW	
To	CMA	
DI #	**Name**	**FLAG**
D2001	SPID	OP
D4004	Error/Return Code	RQ
D1008	Data Item Reference	OP
Description	This transaction is added here for completeness but is not, at the moment, in use	

Transaction Number	T009.4	
Transaction Name	Error / Notification	
From	CMA	
To	SW/LP	
DI #	**Name**	**FLAG**
D1009	Duplicate Message ID	RQ
D4004	Error/Return Code	RQ
Description	This transaction notifies the sending party of the rejection of a message with a duplicate MID.	

Transaction Number	T010.0	
Transaction Name	Registration Cancellation	
From	LP(i)	
To	CMA	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D4005	Cancellation Code	RQ
Description	Request to cancel a Registration by the Incoming LP (i.e. the LP that made the Registration Application)	

Transaction Number	T010.1	
Transaction Name	Registration Cancellation	
From	LP(o)	
To	CMA	

DI #	Name	FLAG
D2001	SPID	RQ
D4003	Text Comment Field	RQ
D4005	Cancellation Code	RQ
Description	Request to cancel a registration by the Outgoing LP	

Transaction Number	T011.0	
Transaction Name	Notify Registration Cancellation	
From	CMA	
To	LP(i)	
DI #	Name	FLAG
D2001	SPID	RQ
D4005	Cancellation Code	RQ
D4003	Text Comment Field	RQ
Description	Notification from the CMA to an Incoming LP of Cancellation of a Registration	

Transaction Number	T011.1	
Transaction Name	Notify Registration Cancellation	
From	CMA	
To	LP(o)	
DI #	Name	FLAG
D2001	SPID	RQ
Description	Notification from the CMA to an Outgoing LP of Cancellation of a Registration	

Transaction Number	T012.0	
Transaction Name	Update SPID Data	
From	LP	
To	CMA	
DI #	Name	FLAG
D2001	SPID	RQ
D4006	Effective From	RQ
D2005	Customer Classification	OP
D2008	SIC Code	OP
D4003	Text Comment Field	RQ
D5001	Free Descriptor	OP
D5002	Sub Building Name	OP
D5003	Building Name	OP
D5004	Building Number	OP
D5005	Dependent Thoroughfare Name	OP
D5006	Dependent Thoroughfare Descriptor	OP
D5007	Thoroughfare Name	OP
D5008	Thoroughfare Descriptor	OP
D5009	Double Dependent Locality	OP
D5010	Dependent Locality	OP

D5011	Post Town	OP
D5012	County	OP
D5013	Postcode	OP
Description	Ad hoc update of non-chargeable SPID data by the LP	

Transaction Number	T012.1	
Transaction Name	Update Chargeable SPID Data	
From	LP	
To	CMA	
DI #	Name	FLAG
D2001	SPID	RQ
D4006	Effective From	RQ
D2018	Troughs & Drinking Bowls	OP
D2020	Outside Taps	OP
D2014	Farm/Croft	OP
D2011	Rateable Value	OP
D2015	SPID Vacant	OP
D4003	Text Comment Field	RQ
Description	Request to update of specific SPID data by an LP. This transaction may be used for both WS or SS SPIDs	

Transaction Number	T012.2	
Transaction Name	ServiceElementUpdateNotification	
From	CMA	
To	SW	
DI #	Name	FLAG
D2001	SPID	RQ
D4006	Effective From	RQ
D2015	SPID Vacant	OP
D4003	Text Comment Field	RQ
Description	Notification from the CMA to Scottish Water of an update SPID occupancy status by a Licensed Provider. This transaction may be used for both WS or SS SPIDs.	

Transaction Number	T012.3	
Transaction Name	Update Sewerage Service Elements	
From	SW	
To	CMA	
DI #	Name	FLAG
D2001	SPID	RQ
D4006	Effective From	RQ
D2016	Property Drainage	OP
D2017	Road Drainage	OP
Description	Request to update sewerage service data by SW.	

Transaction Number	T012.4	
Transaction Name	Notify Sewerage Service Elements	
From	CMA	
To	LP	
DI #	Name	FLAG
D2001	SPID	RQ
D4006	Effective From	RQ
D2016	Property Drainage	OP
D2017	Road Drainage	OP
Description	Notifies update to sewerage service data.	

Transaction Number	T012.5	
Transaction Name	Update SAA Reference Number/UPRN	
From	SWW	
To	CMA	
DI #	Name	FLAG
D2001	SPID	RQ
D2037	SAA Reference Number	OP
D2038	SAA Reference Number Absence Code	OP
D2039	UPRN	OP
D2040	UPRN Absence Code	OP
Description	Data flow to be used by Scottish Water to update the Scottish Assessors Association reference or UPRN published by One Scotland Gazetteer	

Transaction Number	T012.6	
Transaction Name	Notify SAA Reference Number/UPRN Reference	
From	CMA	
To	LP	
DI #	Name	FLAG
D2001	SPID	RQ
D2037	SAA Reference Number	OP
D2038	SAA Reference Number Absence Code	OP
D2039	UPRN	OP
D2040	UPRN Absence Code	OP
Description	Data flow to be used to inform the registered LP following an update of the Scottish Assessors Association reference or UPRN published by One Scotland Gazetteer	

Transaction Number	T013.0	
Transaction Name	Update Meter Data	
From	SW	
To	CMA	
DI #	Name	FLAG
D2001	SPID	OP
D4006	Effective From	RQ
D3001	Meter ID	RQ

D3011	Meter Read Frequency	OP
D3013	Meter Make	OP
D3014	Manufacturer Meter Serial Number	OP
D3003	Physical Meter Size	OP
D3004	Number of Digits	OP
D3015	Datalogger_SW	OP
D3016	Datalogger_NonSW	OP
D3017	GISX	OP
D3018	GISY	OP
D4003	Text Comment Field	OP
D5001	Free Descriptor	OP
D5002	Sub Building Name	OP
D5003	Building Name	OP
D5004	Building Number	OP
D5005	Dependent Thoroughfare Name	OP
D5006	Dependent Thoroughfare Descriptor	OP
D5007	Thoroughfare Name	OP
D5008	Thoroughfare Descriptor	OP
D5009	Double Dependent Locality	OP
D5010	Dependent Locality	OP
D5011	Post Town	OP
D5012	County	OP
D5013	Postcode	OP
Description	Update of (non-chargeable) meter details by SW D2001 SPID in this transaction is not required where the meter is a Sub-meter in a meter network and is not directly associated to a SPID. Where a meter is a main meter in a meter network it must be associated to a SPID for Settlement purposes and in such case the SPID is required in this transaction.	

Transaction Number	T013.1	
Transaction Name	Notify Meter Data	
From	CMA	
To	LP	
DI #	**Name**	**FLAG**
D2001	SPID	OP
D4006	Effective From	RQ
D3001	Meter ID	RQ
D3011	Meter Read Frequency	OP
D3013	Meter Make	OP
D3014	Manufacturer Meter Serial Number	OP
D3003	Physical Meter Size	OP
D3004	Number of Digits	OP
D3015	Datalogger_SW	OP
D3016	Datalogger_NonSW	OP

D3017	GISX	OP
D3018	GISY	OP
D4003	Text Comment Field	OP
D5001	Free Descriptor	OP
D5002	Sub Building Name	OP
D5003	Building Name	OP
D5004	Building Number	OP
D5005	Dependent Thoroughfare Name	OP
D5006	Dependent Thoroughfare Descriptor	OP
D5007	Thoroughfare Name	OP
D5008	Thoroughfare Descriptor	OP
D5009	Double Dependent Locality	OP
D5010	Dependent Locality	OP
D5011	Post Town	OP
D5012	County	OP
D5013	Postcode	OP
Description	Notification of T013.0 to LP D2001 SPID in this transaction is not required where the meter is a Sub-meter in a meter network and is not directly associated to a SPID. Where a meter is a main meter in a meter network it must be associated to a SPID for Settlement purposes and in such case the SPID is required in this transaction.	

Transaction Number	T013.2	
Transaction Name	Update Meter Location	
From	LP/SW	
To	CMA	
DI #	**Name**	**FLAG**
D2001	SPID	OP
D3001	Meter ID	RQ
D3019	GIS Z Free Descriptor	OP
D3025	Meter Location Code	OP
Description	Update of meter location details by LP or SW. D2001 SPID in this transaction is not required where the meter is a Sub-meter in a meter network and is not directly associated to a SPID. Where a meter is a main meter in a meter network it must be associated to a SPID for Settlement purposes and in such case the SPID is required in this transaction.	

Transaction Number	T013.3	
Transaction Name	Notify Meter Location	
From	CMA	
To	LP/SW	

DI #	Name	FLAG
D2001	SPID	OP
D3001	Meter ID	RQ
D3019	GIS Z Free Descriptor	OP
D3025	Meter Location Code	OP
Description	Notification of T013.2 to LP or SW. D2001 SPID in this transaction is not required where the meter is a Sub-meter in a meter network and is not directly associated to a SPID. Where a meter is a main meter in a meter network it must be associated to a SPID for Settlement purposes and in such case the SPID is required in this transaction.	

Transaction Number	T014.0	
Transaction Name	Update Meter Chargeable	
From	SW	
To	CMA	
DI #	Name	FLAG
D2001	SPID	RQ
D4006	Effective From	RQ
D3001	Meter ID	RQ
D3002	Chargeable Meter size	OP
D3007	Non-Return to Sewer Allowance	OP
D3005	Sewerage Chargeable Meter Size	OP
D4003	Text Comment Field	RQ
Description	Request to update the chargeable meter details by SW	

Transaction Number	T014.1	
Transaction Name	Notify Meter Chargeable	
From	CMA	
To	LP	
DI #	Name	FLAG
D2001	SPID	RQ
D4006	Effective From	RQ
D3001	Meter ID	RQ
D3002	Chargeable Meter size	OP
D3007	Non-Return to Sewer Allowance	OP
D3005	Sewerage Chargeable Meter Size	OP
D4003	Text Comment Field	RQ
Description	Notification to the LP of T014.0	

Transaction Number	T015.0	
Transaction Name	Declare Disconnection/Reconnection/Deregistration	
From	SW	
To	CMA	
DI #	Name	FLAG
D2001	SPID	RQ
D2025	Disconnection/Reconnection/Deregistration	RQ
D4006	Effective From	RQ
Description	A declaration that the Supply Point has been Disconnected, Reconnected or Deregistered	

Transaction Number	T015.1	
Transaction Name	Notify Disconnection/Reconnection/Deregistration	
From	CMA	
To	LP	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D2025	Disconnection/Reconnection/Deregistration	RQ
D4006	Effective From	RQ
Description	A notification that the Supply Point has been Disconnected, Reconnected or Deregistered	

Transaction Number	T016.0	
Transaction Name	Set SPID Unmeasurable Status	
From	SW	
To	CMA	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D2024	Unmeasurable	RQ
D4006	Effective From	RQ
Description	This transaction is used to set the Unmeasurable status of a SPID. The status may be set to True or False	

Transaction Number	T016.1	
Transaction Name	Notify SPID Unmeasurable Status	
From	CMA	
To	LP	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D2024	Unmeasurable	RQ
Description	Used to notify LP of T016.0	
D4006	Effective From	RQ

Transaction Number	T017.0	
Transaction Name	Notify Swap Meter	
From	SW	
To	CMA	
DI #	**Name**	**FLAG**
D2001	SPID	OP
D3001	Meter ID (OLD METER)	RQ
D3008	Meter Read (OLD METER)	RQ
D3009	Meter Read Date (OLD METER)	RQ
D3010	Meter Read Type (OLD METER)	RQ
D3020	Rollover Indicator (OLD METER)	OP
D3020	Rollover Indicator (NEW METER)	OP
D3012	Re-Read	OP
D3001	Meter ID (NEW METER)	RQ
D3008	Meter Read (NEW METER)	RQ
D3009	Meter Read Date (NEW METER)	RQ
D3010	Meter Read Type (NEW METER)	RQ
Description	Sent by SW on Meter Change to swap the meters recorded against a SPID. Where a new meter is installed the CMA must first be notified of the addition of a meter to the market through T004.0 (Notify Meter Details) as otherwise the new meter will not be recognised in this transaction. D3010 Meter Read Type for the [Old Meter] must be "E" and for [New Meter] must be "O". Where the D3001 pertains to Private Effluent or Tankered Effluent Meter Type, the D3001 SPID should be the Sewerage SPID.	

Transaction Number	T017.1	
Transaction Name	Notify Swap Meter	
From	CMA	
To	LP/SW	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D3001	Meter ID (OLD METER)	RQ
D3008	Meter Read (OLD METER)	RQ
D3009	Meter Read Date (OLD METER)	RQ
D3010	Meter Read Type (OLD METER)	RQ
D3021	Rollover Flag (OLD METER)	RQ
D3021	Rollover Flag (NEW METER)	RQ
D3001	Meter ID (NEW METER)	RQ
D3008	Meter Read (NEW METER)	RQ
D3009	Meter Read Date (NEW METER)	RQ

	D3010	Meter Read Type (NEW METER)	RQ
Description		Notification to an LP of the meter swap and notification to SW of the meter swap, specifically the End Read from the old meter and the associated rollover flag. Where the D3001 pertains to Private Effluent or Tankered Effluent Meter Type, the D3001 SPID should be the Sewerage SPID.	

Transaction Number	**T018.0**	NOT USED

Transaction Number	**T019.0**	
Transaction Name	Notify WS SPID Data	
From	CMA	
To	LP	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D2005	Customer Classification	RQ
D2008	SIC Code	OP
D2011	Rateable Value	RQ
D2018	Troughs & Drinking Bowls	RQ
D2020	Outside Taps	RQ
D2014	Farm/Croft	RQ
D2024	Unmeasurable	RQ
D2037	SAA Reference Number	OP
D2038	SAA Reference Number Absence Code	OP
D2039	UPRN	OP
D2040	UPRN Absence Code	OP
D5001	Free Descriptor	RQ
D5002	Sub Building Name	RQ
D5003	Building Name	RQ
D5004	Building Number	RQ
D5005	Dependent Thoroughfare Name	RQ
D5006	Dependent Thoroughfare Descriptor	RQ
D5007	Thoroughfare Name	RQ
D5008	Thoroughfare Descriptor	RQ
D5009	Double Dependent Locality	RQ
D5010	Dependent Locality	RQ
D5011	Post Town	RQ
D5012	County	RQ
D5013	Postcode	RQ
Description	Notification to a LP of all WS SPID data at Transfer Registration	

Transaction Number	**T020.0**	

	DI #	Name		FLAG
Transaction Name		Notify SS SPID Data		
From		CMA		
To		LP		
	DI #	**Name**		**FLAG**
	D2001	SPID		RQ
	D2005	Customer Classification		RQ
	D2008	SIC Code		OP
	D2011	Rateable Value		RQ
	D2012	Surface Area		RQ
	D2016	Property Drainage		RQ
	D2017	Road Drainage		RQ
	D2037	SAA Reference Number		OP
	D2038	SAA Reference Number Absence Code		OP
	D2039	UPRN		OP
	D2040	UPRN Absence Code		OP
	D5001	Free Descriptor		RQ
	D5002	Sub Building Name		RQ
	D5003	Building Name		RQ
	D5004	Building Number		RQ
	D5005	Dependent Thoroughfare Name		RQ
	D5006	Dependent Thoroughfare Descriptor		RQ
	D5007	Thoroughfare Name		RQ
	D5008	Thoroughfare Descriptor		RQ
	D5009	Double Dependent Locality		RQ
	D5010	Dependent Locality		RQ
	D5011	Post Town		RQ
	D5012	County		RQ
	D5013	Postcode		RQ
Description		Notification to a LP of all SS SPID data at Transfer Registration		

Transaction Number	T021.0	
Transaction Name	Notify DPID	
From	SW	
To	CMA	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D6001	DPID	RQ
D4006	Effective From	RQ
D6003	CDV	RQ
D6004	sBODL	RQ
D6005	TSSL	RQ
D6006	Ot	RQ
D6007	St	RQ
D6009	Non-domestic Allowance	RQ
D6010	Seasonal Discharge Indicator	RQ
D6011	TE Treatment	RQ
D6012	Pcent Allowance	RQ
D6013	Fixed Allowance	RQ
D6002	TE YVe	OP
D5001	Free Descriptor	OP
D5002	Sub Building Name	OP
D5003	Building Name	OP
D5004	Building Number	OP
D5005	Dependent Thoroughfare Name	OP
D5006	Dependent Thoroughfare Descriptor	OP
D5007	Thoroughfare Name	OP
D5008	Thoroughfare Descriptor	OP
D5009	Double Dependent Locality	OP
D5010	Dependent Locality	OP
D5011	Post Town	OP
D5012	County	OP
D5013	Postcode	OP
Description	Notification of a new Discharge Point by SW	

Transaction Number	T021.1	
Transaction Name	Notify DPID	
From	CMA	
To	LP	
DI #	Name	FLAG
D2001	SPID	RQ
D6001	DPID	RQ
D4006	Effective From	RQ
D6003	CDV	RQ
D6004	sBODL	RQ
D6005	TSSL	RQ
D6006	Ot	RQ
D6007	St	RQ
D6009	Non-domestic Allowance	RQ
D6010	Seasonal Discharge Indicator	RQ
D6011	TE Treatment	RQ
D6012	Pcent Allowance	RQ
D6013	Fixed Allowance	RQ
D6002	TE YVe	OP
D5001	Free Descriptor	OP
D5002	Sub Building Name	OP
D5003	Building Name	OP
D5004	Building Number	OP
D5005	Dependent Thoroughfare Name	OP
D5006	Dependent Thoroughfare Descriptor	OP
D5007	Thoroughfare Name	OP
D5008	Thoroughfare Descriptor	OP
D5009	Double Dependent Locality	OP
D5010	Dependent Locality	OP
D5011	Post Town	OP
D5012	County	OP
D5013	Postcode	OP
Description	Notification of the Discharge Point in T021.0 to the LP. This notification is also sent on Transfer Registration where LP(i) has gained a Sewerage Service SPID with a Discharge Point	

Transaction Number	T022.0	
Transaction Name	Update TE Operating Data	
From	SW	
To	CMA	
DI #	Name	FLAG
D2001	SPID	RQ
D6001	DPID	RQ
D4006	Effective From	RQ
D6006	Ot	OP
D6007	St	OP
Description	Update of Discharge Point operating data	

Transaction Number	T022.1	
Transaction Name	Notify TE Operating Data	
From	CMA	
To	LP	
DI #	Name	FLAG
D2001	SPID	RQ
D6001	DPID	RQ
D4006	Effective From	RQ
D6006	Ot	OP
D6007	St	OP
Description	Notification of Discharge Point operating data update	

Transaction Number	T023.0	
Transaction Name	Notify Meter Association	
From	SW	
To	CMA	
DI #	Name	FLAG
D2001	SPID	RQ
D6001	DPID	RQ
D4006	Effective From	RQ
D3001	Meter ID	RQ
D3024	MDVol	RQ
Description	Notification by SW that a meter is associated with a Discharge Point.	

Transaction Number	T023.1	
Transaction Name	Notify Meter Association	
From	CMA	
To	LP	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D6001	DPID	RQ
D4006	Effective From	RQ
D3001	Meter ID	RQ
D3024	MDVol	RQ
Description	Notification to the LP of T023.0 details, either at association, or at Transfer Registration	

Transaction Number	T024.0	
Transaction Name	Notify Meter De-association	
From	SW	
To	CMA	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D6001	DPID	RQ
D4006	Effective From	RQ
D3001	Meter ID	RQ
Description	Notification by SW of a meter de-associated with a Discharge Point. If multiple meters are de-associated, this transaction will be repeated.	

Transaction Number	T024.1	
Transaction Name	Notify Meter De-association	
From	CMA	
To	LP	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D6001	DPID	RQ
D4006	Effective From	RQ
D3001	Meter ID	RQ
Description	Notification to the LP of T024.0	

Transaction Number	T025.0	
Transaction Name	Notify TE Volume	
From	LP	
To	CMA	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D6001	DPID	RQ
D6008	Actual Volume Discharged	RQ
D3009	Meter Read Date	RQ
Description	Notification of Trade Effluent Volume for Settlement	

	calculations. Each notification should be for the volume measured since the previous T025.0 notification. The D3009 Meter Read Date is the date to which the volume is measured (note that it is not necessarily for a meter derived value).

Transaction Number	T025.1	
Transaction Name	Notify TE Volume	
From	CMA	
To	SW	
DI #	Name	FLAG
D2001	SPID	RQ
D6001	DPID	RQ
D6008	Actual Volume Discharged	RQ
D3009	Meter Read Date	RQ
Description	Notification to SW of T025.0	

Transaction Number	T025.2	
Transaction Name	Notify TE Volume	
From	SW	
To	CMA	
DI #	Name	FLAG
D2001	SPID	RQ
D6001	DPID	RQ
D6008	Actual Volume Discharged	RQ
D3009	Meter Read Date	RQ
Description	Notification of Trade Effluent Volume for Settlement calculations. Each notification should be for the volume measured since the previous T025.0 notification. The D3009 Meter Read Date is the date to which the volume is measured (note that it is not necessarily for a meter derived value).	

Transaction Number	T025.3	
Transaction Name	Notify TE Volume	
From	CMA	
To	LP	
DI #	Name	FLAG
D2001	SPID	RQ
D6001	DPID	RQ
D6008	Actual Volume Discharged	RQ
D3009	Meter Read Date	RQ
Description	Notification to LP of T025.2	

Transaction Number	T026.0	
Transaction Name	Discontinue DPID	
From	SW	
To	CMA	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D6001	DPID	RQ
D4006	Effective From	RQ
Description	Notification by SW of discontinuation of a Discharge Point	

Transaction Number	T026.1	
Transaction Name	Discontinue DPID	
From	CMA	
To	LP	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D6001	DPID	RQ
D4006	Effective From	RQ
Description	Notification to the LP of T026.0	

Transaction Number	T027.0	
Transaction Name	Update DPID Details	
From	SW	
To	CMA	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D6001	DPID	RQ
D4006	Effective From	RQ
D4003	Text Comment Field	RQ
D6003	CDV	OP
D6004	sBODL	OP
D6005	TSSL	OP
D6009	Non-domestic Allowance	OP
D6010	Seasonal Discharge Indicator	OP
D6012	Pcent Allowance	OP
D6013	Fixed Allowance	OP
D6002	TE YVe	OP
D5001	Free Descriptor	OP
D5002	Sub Building Name	OP
D5003	Building Name	OP
D5004	Building Number	OP
D5005	Dependent Thoroughfare Name	OP
D5006	Dependent Thoroughfare Descriptor	OP
D5007	Thoroughfare Name	OP

	D5008	Thoroughfare Descriptor	OP
	D5009	Double Dependent Locality	OP
	D5010	Dependent Locality	OP
	D5011	Post Town	OP
	D5012	County	OP
	D5013	Postcode	OP
Description		Update to a Discharge Point by SW	

Transaction Number		T027.1	
Transaction Name		Update DPID Details	
From		CMA	
To		LP	
DI #		Name	FLAG
D2001		SPID	RQ
D6001		DPID	RQ
D4006		Effective From	RQ
D4003		Text Comment Field	RQ
D6003		CDV	OP
D6004		sBODL	OP
D6005		TSSL	OP
D6009		Non-domestic Allowance	OP
D6010		Seasonal Discharge Indicator	OP
D6002		TE YVe	OP
D6012		Pcent Allowance	OP
D6013		Fixed Allowance	OP
D5001		Free Descriptor	OP
D5002		Sub Building Name	OP
D5003		Building Name	OP
D5004		Building Number	OP
D5005		Dependent Thoroughfare Name	OP
D5006		Dependent Thoroughfare Descriptor	OP
D5007		Thoroughfare Name	OP
D5008		Thoroughfare Descriptor	OP
D5009		Double Dependent Locality	OP
D5010		Dependent Locality	OP
D5011		Post Town	OP
D5012		County	OP
D5013		Postcode	OP
Description		Notification of updates to a Discharge Point	

Transaction Number		T028.0	
Transaction Name		Notify TE Schedule 3	
From		CMA	
To		LP	
DI #		Name	FLAG

D2001	SPID	RQ
D4006	Effective From	RQ
D2003	Schedule 3	RQ
D6001	DPID	OP
Description	Notification of Schedule 3 details at Discharge Point. Sent by the CMA to LP(i) on Transfer Registration and on any updates	

Transaction Number	**T028.1**	
Transaction Name	Notify TE Schedule 3	
From	SW	
To	CMA	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D4006	Effective From	RQ
D2003	Schedule 3	RQ
D6001	DPID	RQ
Description	Notification of Schedule 3 details at Discharge Point. Sent by SW where details are to be updated	

Transaction Number	**T029.0**	
Transaction Name	Notify SPID Special Arrangements	
From	CMA	
To	LP	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D4006	Effective From	RQ
D2003	Schedule 3	OP
D2004	Exempt Customer Flag	OP
D2006	29e	OP
D2007	Large User Volume Agreement	OP
Description	Notification of special arrangements in effect at a SPID.	

Transaction Number	**T029.1**	
Transaction Name	Set SPID Special Arrangements	
From	SW	
To	CMA	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D4006	Effective From	RQ
D2003	Schedule 3	OP
D2006	29e	OP
D2007	Large User Volume Agreement	OP
Description	Set special arrangements in effect at a SPID.	

Transaction Number	T029.3	
Transaction Name	Update Premises Special Arrangements	
From	SW	
To	CMA	
DI #	Name	FLAG
D2001	SPID	RQ
D4006	Effective From	RQ
D2004	Exempt Customer Flag	~~OP~~RQ
D2041	Pcent Allowance	OP
Description	Updates special arrangements in effect at premises.	

Transaction Number	T029.4	
Transaction Name	Notify Premises Special Arrangements	
From	CMA	
To	LP	
DI #	Name	FLAG
D2001	SPID	RQ
D4006	Effective From	RQ
D2004	Exempt Customer Flag	OP
Description	Notifies special arrangements in effect at premises.	

Transaction Number	T030.0	
Transaction Name	Notify DP Meter Reads	
From	CMA	
To	SW	
DI #	Name	FLAG
D2001	SPID	OP
D6001	DPID	RQ
D3001	Meter ID	RQ
D3008	Read	RQ
D3009	Read Date	RQ
D3010	Read Type	RQ
D3012	Re-Read	RQ
D3021	Rollover Flag	RQ
Description	Notification of meter read for meters associated to a Discharge Point	

Transaction Number	T030.1	
Transaction Name	Notify DP Meter Reads	
From	CMA	
To	LP	
DI #	Name	FLAG
D2001	SPID	OP
D6001	DPID	RQ
D3001	Meter ID	RQ

D3008	Read	RQ
D3009	Read Date	RQ
D3010	Read Type	RQ
D3012	Re-Read	RQ
D3021	Rollover Flag	RQ
Description	Notification of meter read for meters associated to a Discharge Point	

Transaction Number	**T031.0 [Transaction Disabled]**	
Transaction Name	Notify EWA	
From	CMA	
To	LP	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D2026	EWA	RQ
Description	Notification of EWA sent on EWA creation, update or at Transfer Register to LP(i)	

Transaction Number	**T032.0**	
Transaction Name	Create Update Customer Name	
From	LP	
To	CMA	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D2027	Customer Name	RQ
D2028	Customer Name Type	RQ
Description	Customer name/developer for a new supply point or updating an existing customer name. Note - WS details for this data items takes precedence over those supplied by the SS LP	

Transaction Number	**T032.1**	
Transaction Name	Customer Name Updated	
From	CMA	
To	LP	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D2027	Customer Name	RQ
D2028	Customer Name Type	RQ
Description	Notification of customer name being updated	

Transaction Number	**T032.2**	
Transaction Name	Customer Name Updated	
From	CMA	
To	SW	

DI #	Name	FLAG
D2001	SPID	RQ
D2027	Customer Name	RQ
D2028	Customer Name Type	RQ
D4001	OrgID	RQ
Description	Notification of customer name being updated The D4001 should be the LP for the identified SPID.	

Transaction Number	T033.0	
Transaction Name	Notify/Update Metered Building Water	
From	SW	
To	CMA	
DI#	NAME	FLAG
D2001	SPID	RQ
D2029	Metered Building Water	RQ
D2030	Metered Building Water Effective Date	RQ
Description	Data flow to be used by Scottish Water to set the Metered Building Water status for a SPID to state if the SPID is on a metered building construction site; the accompanying effective date in the data flow will specify when the state (True or False) came into effect	

Transaction Number	T033.1	
Transaction Name	Notify Metered Building Water	
From	CMA	
To	LP	
DI#	NAME	FLAG
D2001	SPID	RQ
D2029	Metered Building Water	RQ
D2030	Metered Building Water Effective Date	RQ
Description	Update Notification Data flow to be used by the CMA to inform LP(s) of the associated SPID(s) of the Metered Building Water flag and effective date following a T033.0 flow from SW	
Transaction Number	T034.0	
Transaction Name	Vac Scheme: Application	
From	SW	
To	CMA	
DI #	Name	FLAG
D2001	SPID	RQ
D4006	Effective From	RQ
D4007	Date of Evidence	RQ
D4003	Text Comment Field	OP
D4008	Cryptographic Hash	RQ
D4009	Cryptographic Hash Algorithm	RQ
Description	If a SPID has a related (by same Core) SPID, the transaction must be made in respect of the WS SPID and will automatically apply to the related SPID.	

Transaction Number	T034.1	
Transaction Name	Vac Scheme: Grace Period Notification	
From	CMA	
To	SW	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D4006	Effective From	RQ
D4007	Date of Evidence	RQ
D4003	Text Comment Field	OP
D4010	Vacancy Change Grace Period	RQ
Description		

Transaction Number	T034.2	
Transaction Name	Vac Scheme: Grace End Notification	
From	CMA	
To	SW	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D4006	Effective From	RQ
D4007	Date of Evidence	RQ
D4003	Text Comment Field	OP
D4004	Error / Return Code	RQ
D4011	Water SP LP Org ID	OP
D4012	Sewerage SP LP Org ID	OP
Description	The D2001 SPID here is set per the initiating T034.0. If the CMA's validation is not rejecting the Vacancy Change Application at this stage, the D4004 will be set to "OK". Insofar as the water and sewerage LPs exist (for SPIDs with the same SPID Core as the SPID Core of the D2001), their Organisation IDs shall be given in the D4011 and D4012. Otherwise, if the CMA's validation is rejecting the Vacancy Change Application, the CMA will set the D4004 as appropriate to indicate the Vacancy Change Application is not proceeding. Neither the D4011 nor the D4012 shall appear.	

Transaction Number	T034.3	
Transaction Name	Vac Scheme: Application Notification	
From	CMA	
To	LP; also to SS LP if SPID is WS and SS LP is distinct	
DI #	**Name**	**FLAG**
D2001	SPID	RQ
D4006	Effective From	RQ
D4007	Date of Evidence	RQ
D4003	Text Comment Field	OP
D4008	Cryptographic Hash	RQ
D4009	Cryptographic Hash Algorithm	RQ
D4010	Vacancy Change Grace Period	RQ
D4011	Water SP LP Org ID	OP
D4012	Sewerage SP LP Org ID	OP
Description	If a SPID has a related SPID, the notification shall be	

made in respect of the WS SPID and will be deemed to apply to the related SPID.

This D2001 SPID in the T034.3 shall always match the D2001 SPID from the initiating T034.0. This applies, for example, if the T034.0 was made in respect of a WS SPID, and this notification is sent to the LP of the related SS SPID.

Transaction Number	T034.4	
Transaction Name	Vac Scheme: Application Confirmation or Cancellation	
From	SW	
To	CMA	
DI #	Name	FLAG
D2001	SPID	RQ
D4006	Effective From	RQ
D4007	Date of Evidence	RQ
D2031	Vacancy Change Flag	RQ
D2032	LP Challenged Vacancy Application Flag	RQ
D4003	Text Comment Field	OP
Description	If a SPID has a related (by same Core) SPID, the transaction must be made in respect of the WS SPID and will automatically apply to the related SPID.	

Transaction Number	T034.5	
Transaction Name	Vac Scheme: Application Confirmation or Cancellation Notification	
From	CMA	
To	LP; also to SS LP if SPID is WS and SS LP is distinct	
DI #	Name	FLAG
D2001	SPID	RQ
D4006	Effective From	RQ
D4007	Date of Evidence	RQ
D2031	Vacancy Change Flag	RQ
D2032	LP Challenged Vacancy Application Flag	RQ
D4003	Text Comment Field	OP
Description	If a SPID has a related (by same Core) SPID, the transaction must be made in respect of the WS SPID and will automatically apply to the related SPID.	

Transaction Number	T035.0	
Transaction Name	Tradeability Notification	
From	CMA	
To	LP; also to SS LP if SPID is WS and SS LP is distinct	
DI #	Name	FLAG
D2001	SPID	RQ
D2013	Connection Date	RQ
Description	The Tradeability notification sent to the respective LP after a Supply Point passes the Tradeability test and has now status = Tradeable	

Transaction Number	T035.0	
Transaction Name	Tradeability Notification	
From	CMA	

To	SWW		
DI #	Name		FLAG
D2001	SPID		RQ
D2013	Connection Date		RQ
Description	The Tradeability notification sent to the Wholesaler after a Supply Point passes the Tradeability test and has now status = Tradeable		

Transaction Number	**T036.0**		
Transaction Name	Submit Meter Network Data		
From	SW		
To	CMA		
DI #	**Name**		**FLAG**
D2035	Main SPID		RQ
D3027	Main Meter ID		RQ
D2036	Sub SPID		OP
D3006	Sub Meter ID		RQ
D3026	Meter Network Association		RQ
D4006	Effective From Date		RQ
Description	Used by SW to establish Meter Network associations D2036 Sub-SPID is not required where D3006 is a Domestic Meter		

Transaction Number	**T036.1**		
Transaction Name	Notify Meter Network Data		
From	CMA		
To	LP; also to SS LP if SPID is WS and SS LP is distinct		
DI #	**Name**		**FLAG**
D2035	Main SPID		RQ
D3027	Main Meter ID		RQ
D2036	Sub SPID		OP
D3006	Sub Meter ID		RQ
D3026	Meter Network Association		RQ
D4006	Effective From Date		RQ
Description	Notification to an LP of the creation or update to a Meter Network association		

5. Supply Point Identifier (SPID)

A SPID is composed of 3 parts concatenated into a single, unique, 12 digit number. Figure 1 below illustrates the component parts:
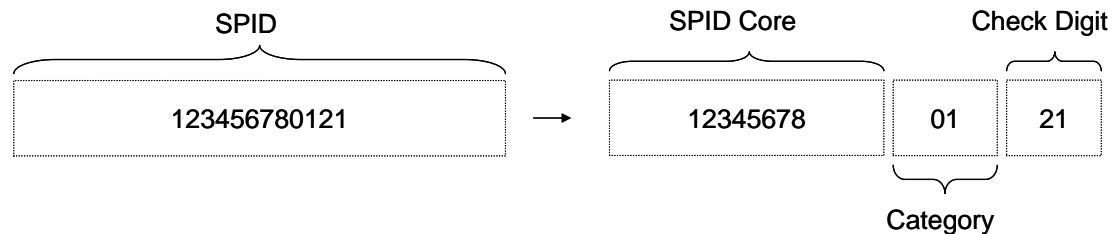

Figure 1 - SPID

where each part of a SPID is as follows:

1. **SPID Core:** This is the serial number generated sequentially upon adding a Supply Point to the Supply Point Register and identifies a Supply Point without making a distinction between Water or Sewerage Services – the SPID Core is thus not unique
   a. SPID Cores created prior to 1st April 2008 are pre-fixed [1]. Thus the very first SPID Core number created is [10000001]
   b. SPID Cores created post 1st April 2008 are pre-fixed [2] or greater
2. **Category:** This identifies the SPID as:
   a. [01] Water Service
   b. [02] Sewerage Service
   c. There are only the two categories as above
   d. The concatenation of SPID Core and Category to form, in the example above, SPID [1234567801] creates a unique identifier. In this example, the SPID is for Water Services and uniquely identifies the Water Service Supply Point of that number
3. **Check Digit:** The check digit enables error detection and is an intrinsic part of the SPID. The check digit must always be used. SPIDs without check digits are less than 12 digits in length and are not considered valid

5.1 Verifying the Check Digit

It is recommended that all Trading Parties verify the validity of a SPID by calculating the checksum for the SPID upon receipt and transmission of data. Check digit generation is based on a modulus 13 (MOD13) algorithm. The example algorithm below can be used to perform the checksum calculation:

```
modTotal = 0;
        for (i=0; i<12; i++) {
            modTotal = modTotal + (SPID.charAt(i) * (12 - i));
        }
        modResult = (modTotal%13);
        if (modResult!=0) // Failed the Mod13 check
```

5.2 Business Day Hours

The Market Code defines the hours during which the Central Market Agency accepts Transactions for processing. Note that:

- Transactions will be accepted by Central Systems at any time it is operational
- Transactions received after the closing business hour of a Business Day will, however, be deemed to have been received on the next business day
- Central Systems will not unnecessarily delay the processing of a Transaction received after the closing business hours of a Business Day

For example, where the required date for a Transaction to be received by the CMA is Day 1, and that Transaction is received after the closing business hours of Day 1 but before midnight, that Transaction will be deemed by Central Systems to have been received at the opening business hours of Day 2.