

**MARKET CODE / OPERATIONAL CODE
CHANGE PROPOSAL**

Form
version 3.0

Change Proposal reference (To be completed by the TP Sec.)	MCCP295	Version No.	D.1
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SUBMISSION

GENERAL DETAILS

TITLE	Adding SAA Category and Description to the Central Systems
COMPANY	Scottish Water

Change Proposals must be authorised by the person designated by the signatory to the Market Code Framework / Accession Agreement

AUTHORISED SIGNATURE		NAME	Richard Lavery
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ASSOCIATED MCCP / OCCP	
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ASSOCIATED DOCS.	CSD0101 Registration: New Connections and Supply Points CSD0104 Part 1: Maintain SPID Data (SPID level) CSD0301 Data Transaction Catalogue CSD0302 Standing Reports and Data Extracts
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PROPOSED URGENCY	NON-URGENT
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REASONS FOR URGENCY	
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The CMA CEO will review this information and make a decision as to whether to take this MCCP / OCCP forward as urgent as defined under Market Code Part 8.9.1

MCCP / OCCP DETAILS
ISSUE OR DEFECT WHICH THIS MCCP / OCCP SEEKS TO ADDRESS Required under Market Code Parts 8.7.1 (ii) (b) and 8.8.1 (ii) (b)
<p>Scottish Water needs to assess aggregate consumption by industry sector to inform demand analysis and forecasting. This has been done from the SIC Code held in the market but there are clear issues with the quality and maintenance of the data currently held in the market. Although ways to improve the SIC Code data are being trialled, it is appropriate to improve demand analysis and forecasting in other ways.</p> <p>An alternative approach to identifying industry sector would be to use the class and description information recorded by the SAA. This would allow improved data analysis for around 88% of Supply Points using data already available to Scottish Water and which could be shared with the Market.</p>
DESCRIPTION OF THE NATURE AND PURPOSE OF THE MCCP / OCCP AND HOW IT MEETS THE MARKET CODE / OPERATIONAL CODE OBJECTIVES AND PRINCIPLES FOR THE MARKET DOCUMENTS Required under Market Code Parts 8.7.1 (ii) (c) and 8.8.1 (ii) (c)
General Description
<p>Including the class and core description information from the SAA would allow Scottish Water to improve demand forecasting.</p> <p>In addition, having a richer dataset to analyse the market would allow LPs to:</p> <ul style="list-style-type: none"> • offer more tailored services to Customers • help Customers identify opportunities to use water more efficiently. <p>CSD0301 (Data Transaction Catalogue) would be updated to include two new data items for SAA Class and SAA Core Description.</p> <p>Transactions that update SAA Reference would be amended to include the SAA Class and SAA Core Description data items (T001.0, T002.0, T002.1, T012.5, T012.6, T019.0, T020.0).</p> <p>CSD0302 (Standing Reports and Data Extracts) would be amended to include the new data items in all reports which currently include the SAA Reference. These are the X31 Water SPIDs, X32 Sewerage SPIDs and Scottish Landlord Portal Data Extract.</p> <p>CSD0101 (Registration: New Connections and Supply Points) and CSD0104 Part 1 (Maintain SPID Data (SPID Level)) would be amended to include these data items in providing the initial SPID data and in any subsequent updates of SAA data.</p> <p>In the rare circumstances where the SAA has not supplied the SAA Class and/or SAA Core Description data, Scottish Water would submit a value of "NA".</p> <p>These new data items will need to be populated initially and Scottish Water will discuss the best way to achieve this with the CMA. This may lead to an additional CMACPx Change Proposal that requests a bulk data upload as part of, or following, the release in which this change is delivered.</p>

Principles and Objectives affected CMA Guidance Note GN009 may be referred to for assistance with this section		
PRINCIPLE	AFFECTED (Y/N)	DESCRIPTION
Proportionality	N	
Transparency	N	
Simplicity, Cost-effectiveness, and Security	Y	Allows better demand forecasting and can be used by LPs to offer more tailored services to Customers
Non-exclusivity	N	
Barriers to Entry	N	
Customer Contact	N	
Non-discrimination	N	
Non-detrimental to SW Core Functions	N	
MC / OC OBJECTIVES		

IMPACT Required under Market Code Parts 8.7.1 (ii) (d), (f) and (g), and 8.8.1 (ii) (d) and (f)		
CONFIGURED ITEM	IMPACTED (Y/N)	DESCRIPTION
MC / OC	N	
CSDs	Y	CSD0101, CSD0104 Part 1, CSD0301 and CSD0302 changes
Wholesale Services Agreements	N	
Licences	N	
CMA Central Systems	Y	Introduces two new data items
CMA business processes	Y	Audit tests will need updated
Trading Party systems	Y	Introduces two new data items
Trading party business processes	N	

DRAFT LEGAL TEXT

Required under Market Code Parts 8.7.1 (ii) (d) and 8.8.1 (ii) (d)

See attached annexes.

- Annex 1 mark up of CSD0301
- Annex 2 mark up of CSD0302
- Annex 3 mark up of CSD0101
- Annex 4 mark up of CSD0104 Part 1.

If changes are identified for CSD0301 Data Transaction Catalogue Annex, these will not be provided in this MCCP, but will be provided following the deployment of the associated system updates. This is because the majority of CSD0301 Annex is system generated automatically and can only be updated after associated changes have been incorporated into the relevant system.

IMPLEMENTATION DETAILS

PROPOSED IMPLEMENTATION DATE OR LEAD TIME

Timescale must not overlap with the period of consultation with the Commission and should take account of the impacts identified in Section 0. Any quoted lead time should commence from date of Approval.

2024-03-21

ANY LIMITATIONS OR DEPENDENCIES FOR IMPLEMENTATION

ANY OTHER COMMENTS

Indicative URS

UR 1 New data items. Two new data items shall be created as shown in the tables below:

Data Item Number:	D2052
Data Item Name:	SAA Class
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:	Scottish Assessors Association Class

Data Item Number:	D2053
Data Item Name:	SAA Core Description
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 Core Description

UR 2 Inclusion of new data items in transactions. Both new data items shall be included as optional items following the D2040 UPRN absence code in the CMA Message Table and XSD Schema for the following data transactions:

- T001.0 Request New SPID
- T002.0 Notify New SPID (LP)
- T002.1 Notify New SPID (SW)
- T012.5 Submit SAA Reference Number / UPRN
- T012.6 Notify SAA Reference Number / UPRN
- T019.0 Notify WS SPID Data
- T020.0 Notify SS SPID Data

UR 3 Inclusion of new data items in the MDS. The new data items shall be included in the X31 (Water SPIDs) and X32 (Sewerage SPIDs) files as shown in the mark up of CSD0302 attached at Annex 2.

UR 4 Inclusion of new data items in the Scottish Landlord Portal data extract. The new data items shall be included in the SLP data extract file as shown in the mark up of CSD0302 attached at Annex 2.

UR 5 SAA Reports. The LVI URS, Section 2.3, UR 13 shall be amended as shown in red below and the Central Systems shall be updated to meet these amended requirements:

UR 13 SAA Reports download page.

UR 13.1 Access. Any suitably authorised User may view this page:

- CMA Users should be able to view reports for all organisations, via a drop-down identifying each LP and 'All Trading Parties' (which is also the default).
- LPs should be able to view reports pertaining to their organisations.

UR 13.2 Not used..

UR 13.3 SAA Reports – Content. These reports should include the following data items:

- D2037 SAA Reference Number.
- D2038 SAA Ref Absence Code.
- D2039 UPRN.
- D2040 UPRN Absence Code.
- **D2052 SAA Class**
- **D2053 SAA Core Description**

UR 13.4 Export. The report(s) should be created overnight and will be in the Trading Parties' SAA ZIP files the next day.

UR 6 General SPID Info tab.

UR 6.1 The General SPID Info tab on the LVI shall be amended to include the 2 new data items following the SAA Reference Number.

UR 6.2 The SAA Class shall be displayed as stored in the Central Systems (ie a four-digit number or "NA") and a Tooltip shall display the relevant description of that SAA Class when the mouse hovers over the SAA Class data item.

Commented [DS1]: This would mean that every time the D2037 SAA Reference Number is provided by Scottish Water the 2 new data items are provided too

Commented [DS2]: The new data items would appear for Water and Sewerage SPIDs as 2 new columns after the D2040 UPRN absence code

Commented [DS3]: The intention is to include the new data items in the SLP. This UR would extract the data from the CS. An additional user requirement will need to be written to add the data items to the SLP

Commented [DS4]: This would add the new data items to the SAA Report that Trading Parties can run for their SPIDs

Commented [DS5]: This allows for future changes to the SAA Class text without having to update large numbers of individual SPIDs in the Central Systems while still allowing Users to see what the Class is.

UR 7 Transaction validation changes. The following changes shall be made to transaction validation:

UR 7.1 D2052 SAA Class validation. The validation logic for the T001.0 and T012.5 transactions shall be modified to include a step that checks whether the D2052 is a member of the valid set for D2052 {0001, 0002, ... , 0019, 0020, NA}. If the transaction fails this validation it shall be rejected with a new error code to be defined in the CSD0301 Annex issued for the relevant release.

UR 7.2 Check D2052 and D2053 are provided with SAA Reference Number. The validation logic for the T001.0 and T012.5 transactions shall be modified to include a step that checks that, if the D2037 (SAA Reference Number) field is populated, then the D2052 and D2053 data items must also be populated. If the transaction fails this validation it shall be rejected with a new error code to be defined in the CSD0301 Annex issued for the relevant release.

UR 7.3 Check D2052 and D2053 are not provided with SAA Reference Number Absence Code. The validation logic for the T001.0 and T012.5 transactions shall be modified to include a check that, if the D2038 (SAA Reference Number Absence Code) is provided, then the D2052 and D2053 data items are not provided. This is additional to the existing check that in these circumstances the D2037 is not provided. If the transaction fails this validation it shall be rejected with the JC error code.

UR 8 T012.5 transaction processing amendment. If a T012.5 transaction is submitted with the D2038 (SAA Reference Number Absence Code) provided and the validation for that transaction is successful (including after the amendments set out in UR 7) then any existing values for D2037, D2052 and D2053 shall all be deleted.

UR 9 Extend the transaction history report. The Transaction History Report that is available as an Additional Service shall be extended to include the D2052 and D2053 in the sections of the report covering the transactions listed in UR 2.

Commented [DS6]: The SAA has a set of allowed values for the SAA Class and this UR checks that Scottish Water has provided one of those values or, in the rare situation where the SAA hasn't provided a value, an entry of "NA". The transaction will not succeed if the D2052 is left blank or given an unavailable code by Scottish Water

Commented [DS7]: Every time an SAA Reference Number is included in one of these transactions, Scottish Water must also provide the SAA Class and SAA Core Description

Commented [DS8]: This UR is the flip side of UR 7.2. If there is no SAA Reference Number then there can't be an SAA Class or SAA Core Description

Commented [DS9]: If Scottish Water submits a valid SAA Reference Absence Code - for example, to correct an earlier error - then any existing SAA Reference Number, Class and/or Core Description will be deleted.

TP ASSESSMENT			
ASSESSMENT PROCESS			
ASSESSMENT START DATE	2023-10-19	ASSESSMENT END DATE	2023-10-19
IMPACT ASSESSMENT REQUIREMENT		IA REQUIRED	
CONSULTATION REQUIREMENT		TP CONSULTATION NOT REQUIRED	
ASSOCIATED DOCUMENTS (TO THIS PART B)			
ASSESSMENT DETAILS			
CHANGE SPEC AND IMPACT (IF DIFFERENT FROM THAT ORIGINALLY SUBMITTED)			
CMA INTERNAL SYSTEMS IMPACT			
DRAFT LEGAL TEXT (IF DIFFERENT FROM THAT ORIGINALLY SUBMITTED)			
CUSTOMER IMPACT (TO BE COMPLETED BY LPS)			
<p>Whilst there are no direct customer impacts as a result of this change, the enhanced dataset can provide for an increase in the analytical capability of their water provider who may be able to offer additional value add services, along with improved demand forecasting from the wholesaler.</p>			
TP ASSESSMENT Taking into account complexity, importance and urgency, and having regard to whether or not such proposal is within the relevant Objectives and Principles as required under Market Code Parts 8.7.1 (v) and 8.8.1 (iv)			
Impact on Principles and Objectives (if different from that originally submitted)			
Cost Estimate			
Benefit Estimate (L: < 10k, M: £10k to £100k, H: > £100k)			
TP DECISION		TP APPROVED	
FINAL TP VIEWS		Unanimously approved on 19 th October 2023	
PLANNED IMPLEMENTATION DATE		March 2024	

WITHDRAWN BY PROPOSER?	No
COMMENTS	
DATE OF WITHDRAWAL	

COMMISSION APPROVAL

DATE FINAL REPORT ISSUED TO COMMISSION	2023-11-14
APPROVAL STATUS	APPROVED CHANGE
DATE OF APPROVAL STATUS	2023-12-19
COMMISSION RESPONSE REFERENCE	

IMPLEMENTATION

IMPLEMENTATION DATE	21 March 2024
IMPLEMENTATION DETAILS (MC version, CSD versions, CMA Central Systems release number, etc.)	
<ul style="list-style-type: none"> • CSD0101 v20 • CSD0104 Part 1 v23 • CSD0301 v30 • CSD0302 v20 	