MARKET CODE / OPERATIONAL CODE CHANGE PROPOSAL

Form version 3.0

Change Proposal reference (To be completed by the TP Sec.)	**MCCP315**	Version No.	**D.1**

PART A — SUBMISSION

A.1. GENERAL DETAILS

A.1.a.	TITLE	Smart Metering – New Meter and Meter Read Types		
A.1.b.	COMPANY	Scottish Water		
Change Proposals must be authorised by the person designated by the signatory to the Market Code Framework / Accession Agreement				
A.1.c.	AUTHORISED SIGNATURE		NAME	Richard Lavery
A.1.d.	CONTACT NAME	Stephen McIntosh	CONTACT EMAIL; TEL/MOB.	stephen.mcintosh@scottishwater.co.uk
A.1.e.	ASSOCIATED MCCP / OCCP	N/A		
A.1.f.	ASSOCIATED DOCS.	June 2025 MPF Paper – Smart Metering Market Code CSD0002 (Performance Standards) CSD0102 (Registration Transfers) CSD0202 (Meter Read Submission) CSD0301 (Data Transaction Catalogue) CSD0302 (Standing Reports and Data Extracts)		
A.1.g.	PROPOSED URGENCY	NON-URGENT		
A.1.h.	REASONS FOR URGENCY			
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				

A.2. MCCP / OCCP DETAILS

A.2.a. 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)

Following a successful pilot in Inverness and Orkney, Scottish Water intends to deploy smart metering technology to metered non-household customers in Scotland. The first installations will commence late in the 2025/26 financial year with national deployment to all metered non-household customers planned by 2032/33, subject to full funding approval.

Changes will be required to market processes, systems and roles to fully accommodate smart metering and realise the long-term benefits to customers and Licensed Providers. These changes will take place in stages, in parallel with meter installations, as the necessary systems are procured and developed and the enduring market arrangements are agreed with participants.

Initial changes to the Central Systems are proposed for the March 2026 Release to enable readings from the first installed smart meters to be accommodated in settlement from the outset, improving meter read coverage. As discussed at the June 2025 Market Participant Forum, there will initially be no change to meter read submission responsibilities (so that Licensed Providers continue to submit cyclic and transfer reads, even when sourced from smart meters) and enduring responsibilities have still to be agreed.

Further changes to market processes and systems development will be required to enable the systematic sharing of granular consumption data from smart meters with Licensed Providers, following Scottish Water's procurement of a Meter Data Management System and the definition of sharing arrangements which may involve the CMA. Once a systematic basis for data sharing is in place, Scottish Water will take responsibility for retrieving and providing read data from smart meters to Licensed Providers, to defined service standards, and there will be an increase in the wholesale charge associated with smart meters to reflect the transfer of meter reading responsibility. This is provisionally planned for 2027/28.

In the interim, until a Meter Data Management System and systematic data sharing mechanism is in place, Scottish Water will share granular consumption data from the first installed smart meters with Licensed Providers via interim arrangements. There will be no defined service standards associated with these interim sharing arrangements and therefore no increased wholesale charge to Licensed Providers for smart meters during this interim period. Licensed Providers will be able to use this data from smart meters to supplement readings sourced from their existing meter reading arrangements in the Central Systems.

In order to enable consumption data from smart meters to be used in settlement from April 2026, changes are required to Central Systems and market documents to define and identify smart meters and readings which have been sourced remotely via the new technology.

The[DS1] overall aim of these proposals is to encourage early adoption of smart meter reads by LPs where possible and start to deliver direct customer benefits for those sites with a smart meter and wider customer benefits in reducing the financial cost of operating in the market and reducing the CO2 emissions associated with meter readers travelling to take physical reads.

In discussions in the Smart Metering Working Group, Licensed Providers recognised that as this was a new technology deployment, there was no track record to draw on to assess the reliability of the technology. A particular concern was the scenario in which a meter was commissioned successfully and communicating meter reads via AMI but then stopped communicating.

LPs considered that they would be able to mitigate this risk within existing market mechanisms for regular cyclic reads as it would be possible to arrange a physical meter read without breaching their market obligations.

However, given the much tighter timescales for transfer reads, LPs were concerned that a failure of the smart meter shortly before the SPID Registration Start Date would need leave time for alternative meter reading arrangements.

This would leave LPs with the choice of risking a breach of market obligations with associated Performance Standards charges due to a failure over which they had no control or of taking a visual transfer read even though in most cases that would incur unnecessary cost and travel.

Most LPs expressed the view that they would not be able to rely on smart meter reads in these circumstances and would need to continue to take visual transfer reads.

To encourage the use of smart reads for transfers, the Smart Metering Working Group proposed that in the unexpected event of a smart meter failing to communicate after it had been successfully commissioned, the LP should be allowed to submit an estimated read. The Working Group considered that the benefit to Customers and the Market of encouraging timely and accurate smart meter reads for transfers strongly outweighed the small number of additional estimated reads. That benefit can then be passed on to Customers in the form of greater discounts.

This applies the existing principle that failure of an asset for which LPs are not responsible is taken into account as long as LPs promptly raise the need for remedial action.

This Change Proposal includes amendments to CSD0102 (Registration Transfers) to provide this strictly limited concession that would allow a transfer read when and only when the smart meter is communicating via AMI 5 Business Days before the RSD and then no smart meter read is available for the RSD 2 Business Days after the RSD.

It is noted that it would be possible to verify that the use of estimated transfer reads for smart meters meets these criteria by examining Scottish Water data on smart meters.

A.2.b. 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

The initial changes to accommodate smart meters in the Central Systems and enable the use of readings from smart meters in settlement are as follows:

- Introduction of a new data item for Meter Remote Capability, an attribute of the meter, which would distinguish smart meters from traditional ‘dumb’ mechanical meters and would identify whether they were operating in AMI[1] mode, AMR mode or are not yet commissioned

- The creation of a new data item for Meter Read Method which will distinguish whether a reading has been taken via a physical visit (‘visual’), provided by a customer, sourced via an LP datalogger, sourced via smart metering technology or estimated.

  The documents define which Meter Read Methods are permissible for which Meter Read Types, maintaining existing arrangements for the circumstances in which customer, estimated and datalogger reads are allowed.

  This broadly mirrors the approach in the English market.

[1] AMI meters are fully networked with granular consumption data retrieved remotely on a set frequency (typically daily) whilst AMR meters record granular consumption data but are not networked so require a site visit or ‘drive-by’ to retrieve the data. AMR meters will be used where network connectivity is not viable for AMI, with Scottish Water responsible for site visits for data retrieval.

- Amendment to the Market Code drafting to define the new meter types and read methods

- Inclusion of the new smart meter read types and methods in Performance Standards R9A, R9C, R9D and R9E. There will be no other changes to Performance Standards at this point as Licensed Providers will retain responsibility for meter reading at this time, with smart meter data being provided to Licensed Providers via interim arrangements with no defined service standards or increase in wholesale charge for smart meters. This will enable Licensed Providers to use smart meter data to supplement readings obtained via traditional methods pending the implementation of enduring data sharing systems and arrangements.

- Although the wording in CSD0002 of the other performance standards for meter reads requires no change, there will be changes to the Central Systems to recognise the new meter read format.

- Performance Standards will need to be changed in the future at the introduction of systematic sharing of smart data with Licensed Providers, with defined service standards and an increased wholesale charge for smart meters. This is provisionally planned for 2027/28 and is dependent on the procurement and development of the necessary systems.

Principles and Objectives affected
CMA Guidance Note GN009 may be referred to for assistance with this section

PRINCIPLE	AFFECTED (Y/N)	DESCRIPTION
Proportionality	Y	Minimum necessary changes to enable the use of readings from smart meters in settlement
Transparency	Y	Provides market participants with visibility of smart meters and their status and whether meter readings have originated from smart meter data or from a visual reading.
Simplicity, Cost-effectiveness, and Security	Y	Minimum necessary changes to enable the use of readings from smart meters in settlement
Non-exclusivity	N	
Barriers to Entry	N	
Customer Contact	N	
Non-discrimination	N	
Non-detrimental to SW Core Functions	N	
MC / OC OBJECTIVES		

A.2.c. 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	Y	Drafting changes to provisions on meter types, meter read types, read methods and meter read frequency
CSDs	Y	Drafting changes to accommodate new meter types and read methods
Wholesale Services Agreements	N	
Licenses	N	
CMA Central Systems	Y	Central System changes to accommodate new meter and read methods
CMA business processes	Y	Changes to transaction validation and performance standard routines to reflect the new data items and meter read format.
Trading Party systems	Y	System changes to accommodate new meter and read methods
Trading party business processes	Y	Potential process changes to accommodate new meter and read methods

A.2.d. DRAFT LEGAL TEXT
Required under Market Code Parts 8.7.1 (ii) (d) and 8.8.1 (ii) (d)

.
For detailed drafting, see the mark ups of the Market Code and relevant CSDs attached as annexes. These mark ups cover

Market Code

5.9.1A Means of taking the meter reading
Amendments to highlight that, for the relevant read types, readings may be taken from smart meter data rather than from a visual reading of the meter.

5.9.1B Timing of physical meter reading
Amendment to allow provision of a smart meter reading as well as a physical reading of the meter at least every two years.

5.9.4 Regular Cyclic Reads
Removal of reference to AMR reads (which are now defined as a Meter Read Method of 'Datalogger' rather than a Meter Read Type – no change to when they can be used)

Schedule 1 – Definitions

'AMR Read' – Amendment to 'Datalogger' read to clarify that this refers to readings from an LP or ADI installed data logger rather than from a Scottish Water integrated smart meter

New definitions of AMI, AMR, Meter Read Method, Smart Meter, Smart Reading and Visual Reading.

Amendment to definitions of existing meter read types, eg Customer Read.

CSD002 – Performance Standards

Addition of new meter read types to Performance Standards R9A, R9C, R9D and R9E.

CSD0102 - Registration Transfers

Addition/update of meter read types and smart meter reads to be allowed as Transfer Reads. Transfer reads can be estimated in limited circumstances if a smart meter stops providing data.

CSD0202 – Meter Read Submission

Addition/update of meter read types and addition of Meter Read Methods.

CSD0301 – Data Transaction Catalogue

Addition of new data item(s), updates to relevant submission transactions and notifications and updates to valid sets.

CSD0302 – Standing Reports and Data Extracts

Inclusion of new data items in relevant MDS reports.

If this MCCP is approved then the CMA will undertake a full review of the Market Code and CSDs to ensure all necessary consequential amendments are presented to a future Technical Panel meeting for approval.

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.

A.3. IMPLEMENTATION DETAILS

A.3.a. 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 A.2.c. Any quoted lead time should commence from date of Approval.

March 2026 Release

A.3.b. ANY LIMITATIONS OR DEPENDENCIES FOR IMPLEMENTATION

A.4. ANY OTHER COMMENTS

Indicative User Requirement Specification

UR 1 New data items. The following new data items shall be created:

Data Item Number:	*D3038*
Data Item Name:	Meter Remote Capability
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:	Identifies whether a meter is a smart meter and what remote read methods, if any, are available for the meter

Data Item Number:	*D3044*
Data Item Name:	Meter Read Method
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:	Identifies how a meter read was taken, eg by visual inspection, smart read etc

UR 2 Market Data Set.

UR 2.1 Meter Read Method. The new data item D3044 (Meter Read Method) shall be included in the X35 Active Meter Reads file and the X39 Swapped and Discontinued Meter

Reads file between the D3010 (Meter Read Type) and D3028 (S Read Reason Code) fields.

UR 2.2 Meter Remote Capability. The new data item D3038 (Meter Remote Capability) shall be included in the X33 Active and Pending Meters and the X38 (Swapped and Discontinued Meters) file. It shall be the final data item for each meter after D3025 (Meter Location Code).

UR 3 Valid sets. The following changes to data item valid sets shall be made:

UR 3.1 The D3010 (Meter Read Type) valid set shall be amended to remove:

- U (Customer Read)
- S (Estimated Transfer Read)
- R (AMR Read)

UR 3.2 The D3038 (Meter Remote Capability) data item shall have a valid set as set out in the following table.

D3038	Meter Remote Capability	**MMMR-NS**	Meter has no smart capability. Must be manually read.
		SMMR-NE	For individual Smart meters installed outwith programme in areas where there is no network capability and no AMR reading programme (e.g. New Connections, Gap Sites, F&R replacements etc.). Smart read data not expected. Must be manually read.
		SMMR-Comm	For smart meters installed as part of the programme. Currently in commissioning phase and will transition to AMR or AMI mode. Must be manually read.
		SMSR-AMI	Smart meter operating in AMI mode. Smart Reads.
		SMSR–AMR	Smart meter operating in AMR mode. Smart Reads.

UR 3.3 The D3044 (Meter Read Method) data item shall have a valid set as set out in the following table.

D3044	Meter Read Method	**V**	Visual
		U	Customer
		S	Smart
		E	Estimated
		D	Datalogger

UR 4 Inclusion of new data items in transactions. The following transactions shall be amended to include the D3038 and/or D3044 data items:

UR 4.1 T004.0 (Request New Meter) / T004.1 (Notify Meter Details). The D3038 data item shall be added as a required field between the D3025 and D5001 data items.

UR 4.2 T005.0 (Submit Meter Read SW) / T005.1 (Submit Meter Read LP) / T005.2 (Notify Meter Read LP) / T005.3 (Notify Meter Read SW). The D3044 data item shall be added as a required field between the D3010 and D3028 data items.

UR 4.3 T013.0 (Submit Meter Data) / T013.1 (Notify Meter Data). The D3038 data item shall be added as a required field between the D3018 and D4003 data items.

UR 4.4 T017.0 (Submit Meter Swap) / T017.1 (Notify Meter Swap). The D3044 data item shall be added as a required data item for both the old and new meter following the D3010 data item for each meter.

UR 4.5 T030.0 (Notify DP Meter Reads) / T030.1 (Notify DP Meter Reads). The D3044 data item shall be added as a required data item between the D3010 and D3012 data items.

UR 5 Allowed meter read combinations.

UR 5.1 D3010 (Meter Read Type) and D3044 (Meter Read Method) are only allowed in the combinations shown in the table below[DS2]:

Meter Read Type	Meter Read Name	Valid Meter Read Methods
I	Initial Read	Visual Smart Estimated
F	Final Read	Visual Smart Estimated
D	Dereg Read	Visual Smart Estimated
E	End Read	Visual Smart Estimated
O	Opening Read	Visual
X	Temporary Disconnection	Visual Smart
Y	Reconnection	Visual Smart Estimated
C	Regular Cyclic Read	Visual Smart Customer Datalogger
T	Transfer Read	Visual Smart Estimated

UR 5.2 Where a read is submitted with both D3010 and D3044 populated with members of the valid set for those data items but the combination is not included in the table in this UR 5, the relevant transaction shall be rejected with a new reason code of [TBC] (Meter Read Type and Meter Read Method must be a valid combination).

UR 6 Scripts to populate data items.

UR 6.1 Meter Remote Capability. A script shall be prepared and executed as part of the release to populate D3038 (Meter Remote Capability) for all meters in the Operational Database.

- For all swapped and discontinued meters D3038 shall be set to MMMR-NS.
- For active and pending meters D3038 shall be set to the value provided by Scottish Water to the CMA.

UR 6.2 Meter Read Type and Method. A script shall be prepared and executed as part of the release to populate D3044 (Meter Read Method) for all meter reads in the Operational Database submitted on or before the day of the release. This script shall also confirm or amend the Meter Read Type for each read. The new meter read type and the meter read method shall be derived from the previous meter read type according to the table below.

Old Meter Read Type	New Meter Read Type	Meter Read Method
Initial (I)	Initial (I)	Visual
Final (F)	Final (F)	Visual
Deregistration (D)	Deregistration (D)	Visual
End (E)	End (E)	Visual
Opening (O)	Opening (O)	Visual
Temporary Disconnection (X)	Temporary Disconnection (X)	Visual
Reconnection (Y)	Reconnection (Y)	Visual
Regular Cyclic (C)	Regular Cyclic (C)	Visual
Transfer (T)	Transfer (T)	Visual
Estimated Transfer (S)	Transfer (T)	Estimated
Customer (U)	Regular Cyclic (C)	Customer
AMR (R)	Regular Cyclic (C)	Datalogger

UR 6.3 Ignored reads. A script shall be prepared and executed to amend the reads in the ignored reads table using the same rules as for UR 6.2.

UR 6.4 Message database. The scripts prepared and executed under this UR 6 shall only amend the Operational Database and shall not amend the original transactions stored in the Message Database.

UR 7 Transaction validation changes. The validation logic for the following transactions shall be updated to replace the existing Meter Read Type validation with validation that covers both Meter Read Type and Meter Read Method:

- T005.0 (Submit Meter Read SW)
- T005.1 (Submit Meter Read LP)
- T017.0 (Submit Meter Swap)

UR 7.1 Smart meter reads. The validation of the T005.0, T005.1 and T07.0 transactions shall be amended to check whether a meter read with Meter Read Method of S (Smart) is being submitted for a Meter Read Capability of SMSI-AMI or SMSI-AMR. If the meter has any other Meter Read Capability value then the read shall be rejected with a new reason code of [TBC] (Smart meter reads can only be submitted for meters with a capability of SMSI-AMI or SMSI-AMR).

UR 8 T015.2 Transaction. The transaction processing logic for the T015.2 (Submit Backdated SPID Status) transaction shall be amended to create a Meter Read with the Meter Read Type D (Deregistration) and Meter Read Method V (Visual) which shall subsequently be stored as a Meter Read Type F (Final) and Meter Read Method V (Visual).

UR 9 Retrospective Amendments. The following changes shall be made to Retrospective Amendments.

UR 9.1 Disconnection RA. The processing logic for the Disconnection RA shall be amended to create a Meter Read with the Meter Read Type D (Deregistration) and Meter Read Method V (Visual) which shall subsequently be stored as a Meter Read Type F (Final) and Meter Read Method V (Visual).

UR 9.2 Meter Details RA. The D3038 (Meter Remote Capability) data item shall be added to this RA,

[Note that we do not allow the Meter Read Type to be changed by the Meter Read RA. For discussion what can currently be changed using the Meter Read RA to see if any of that is impacted by smart metering.]

UR 10 Changes to the Performance Standards. The changes set out in the mark up to the PS URS annex shall be delivered[DS3][DS4].

UR 11 Transaction Summary Report. The daily Transaction Summary Report shall be updated to reflect the changes to transactions set out in UR 4.

UR 12 RA Summary Report. The daily RA Summary Report shall be updated to reflect the changes set out in UR 9.

UR 13 XSD Schema Descriptions.

UR 14 ARM Data comparison – change format for extract; DQ – Scottish Water timeliness; DQ – vacant consumption.

UR 15 MI Website flow through. The data on meter reads reported on the MI Website shall reflect the new data structure for Meter Read Type and Meter Read Method[DS5].

UR 15.1 Read Timeliness Chart (Chart 6). The chart subtitle shall be amended as shown below[DS6]:

This chart presents the proportion of successful Regular Cyclic~~, Automated~~ and Customer reads submitted on time by Licensed Providers. Users can specify a date range covering months, quarters or years, and the data can be exported using the action button in the chart. The data is refreshed on the 8th business day following publication of Performance Measure results.

UR 15.2 Licensed Provider Audit Results (Chart Group 7). The[DS7] filter shall be updated to replace the description of the following Data Quality Audit Tests as shown below:

- 8.1 ~~CUR~~ Cyclic Read Provision - Biannual
- 8.2 ~~U~~ Customer Read Over-Provision – Biannual
- 8.3 ~~CUR~~ Cyclic Read Provision - Monthly
- 8.4 ~~U~~ Customer Read Over-Provision – Monthly

UR 15.3 Transfer Activity Summary (Chart Group 12) Accordion. The Registration Transfer Details accordion shall be amended as shown below:

A Registration Transfer (or 'switch') is when a customer moves their water/sewerage services to another Licensed Provider. This section includes an overall summary of transfer activity over time and by Licensed Provider. This data is updated on the first day of every calendar month.

- Transfer Reads:

Incoming Licensed Providers are obligated to provide a meter read when a SPID with an associated meter is transferred. There are different types of transfer read:

- A ~~T~~ visual read is a physical read taken by the Licensed Provider;
- a smart read is taken by a smart meter and transmitted automatically to the Licensed Provider;
- a customer read is a physical read taken by the customer and passed on to the Licensed Provider;
- ~~whereas an S~~ finally, an estimated read is ~~an estimated read~~ based on prior usage when other read methods are not available.

Smart reads and Customer reads became available for transfers from March 2026.
It is important to note that the number of transfers is not the same as the number of transferred meters with a read as not all sites have a meter and some have more than one meter.
…

UR 15.4 Transfer Activity Summary (Chart Group 12) Widgets. The widgets for this chart group shall be amended as follows:

- "T Read Transfers" renamed to "Meter Read Transfers"
- "S Read Transfers" renamed to "Estimated Read Transfers"

- The Meter Read Transfers widget shall include transfer reads with meter read methods of Visual, Customer and Smart divided by the total number of metered transfers since market opening

UR 15.5 Transfer Reads by Method Over Time (Chart 24) Structure. The chart shall be amended to take account of the new meter read type and method structure.

- The vertical axis shall show the following categories
    - Visual Reads
    - Estimated Reads
    - Customer Reads
    - Smart Reads
    - No Reads
- The visualisation shall use the 5-colour chart palette
- The calculations for each month shall be the number of meter reads with meter read method visual, estimated, customer and smart together with meters for which no transfer read was submitted.
- Interactivity: hovering over data shall provide a tooltip that shows:
    - The calendar month and calendar year (e.g. March 2022)
    - The number of transfers with visual reads
    - The number of transfers with estimated reads
    - The number of transfers with customer reads
    - The number of transfers with smart reads[DS8]
    - The number of transfers with no reads

UR 15.6 Transfer Reads by Method Over Time (Chart 24) Subtitle. The chart subtitle shall be amended to add the following sentence at the end of the subtitle: Smart reads and Customer reads became available for transfers from March 2026.

UR 15.7 Meter Reads Dashboard Accordion. The Meter Reads Details accordion shall be amended as shown below:

This page displays data on the profile of meter reads in the Scottish water market, including by read type, timeliness and reread flag. There is also further data on meters that have not received a read within two years (under the Long Unread Meters section).

- Meter Reads Summary details
    - This chart group includes data on whether reads have been submitted within the thresholds defined in CSD0202 using transactional data submitted to the CMA. This is currently five business days for ~~all~~ most reads except for Customer Reads and in certain scenarios for Initial reads provided by Scottish Water.
- Long Unread Meters details

This chart group shows the results of internal CMA analysis on the number and proportion of meters where the latest read date on that meter is more than two years prior to the analysis date.

UR 15.8 Meter Reads Over Time and Timeliness (Chart 48). The meter read types shown in this chart shall be amended to reflect the new meter read type and method combinations as shown below:

Existing read type	New Meter Read Type	New Meter Read Method
Regular Cyclic Reads	Regular Cyclic	Visual
Automatic Meter Read (rename to Datalogger Reads)	Regular Cyclic	Datalogger
Customer Reads	Regular Cyclic	Customer
Transfer Read (rename to Visual Transfer Reads)	Transfer	Visual
Estimated Transfer Reads	Transfer	Estimated
Ending Read (rename to End Reads)	End	All methods
Final Reads	Final	All methods
Initial Reads	Initial	All methods
Opening Reads	Opening	All methods
Temporary Disconnection Reads	Temporary Disconnection	All methods
Reconnection Reads	Reconnection	All methods
New - Smart Meter Reads	Regular Cyclic	Smart
New – Smart Transfer Reads	Transfer	Smart
New – Customer Transfer Reads	Transfer	Customer

UR 15.9 Meter Reads Summary (Chart Group 21) Filter. The filter for this chart group shall be amended to reflect the new meter read type / method combinations in UR 15.8.

UR 15.10 Licensed Provider Meter Read by Type (Chart 48). This chart shall be updated to reflect those new meter read type / method combinations in UR 15.8 that are appropriate to LPs.

UR 15.11 Scottish Water Meter Read by Type (Chart 49). This chart shall be updated to reflect those new meter read type / method combinations in UR 15.8 that are appropriate to Scottish Water as Wholesaler.

UR 15.12 Rereads over Time (Chart 51). This chart group shall be amended to reflect the new meter read type / method combinations in UR 15.8.

UR 15.13 Meter Reads Summary (Chart Group 21) Widgets. The widgets for this chart groups shall be amended as follows:

Rename

- Number of C Reads – Regular Cyclic Reads
- Number of U Reads – Customer Reads
- Number of R Reads – Datalogger Reads
- Number of T Reads – Transfer Reads
- Number of S Reads – Estimated Transfer Reads
- Number of I Reads – Initial Reads
- Number of O Reads – Opening Reads
- Number of F Reads – Final Reads
- Number of E Reads – End Reads
- Number of X Reads – Temp Disconnect Reads
- Number of Y Reads – Reconnection Reads

Calculations

- Regular Cyclic Reads – number[DS9] of Regular Cyclic Reads plus number of Smart Meter Reads (from Chart 48)
- Transfer Reads – number of Visual Transfer Reads plus number of Smart Transfer Reads plus number of Customer Transfer Reads (from Chart 48[DS10])

UR 15.14 MI Website Staging Tables. The following underlying MI Website tables shall be updated to reflect the new meter reading structure:

- List to be supplied by C&C

PART B — TP ASSESSMENT

B.1. ASSESSMENT PROCESS			
B.1.a. ASSESSMENT START DATE	2025-08-21	ASSESSMENT END DATE	2025-08-21
B.1.b. IMPACT ASSESSMENT REQUIREMENT		IA REQUIRED	
B.1.c. CONSULTATION REQUIREMENT		TP CONSULTATION NOT REQUIRED	
B.1.d. ASSOCIATED DOCUMENTS (TO THIS PART B)			
B.2. ASSESSMENT DETAILS			
B.2.a. CHANGE SPEC AND IMPACT (IF DIFFERENT FROM THAT ORIGINALLY SUBMITTED)			
B.2.b. CMA INTERNAL SYSTEMS IMPACT			
B.2.c. DRAFT LEGAL TEXT (IF DIFFERENT FROM THAT ORIGINALLY SUBMITTED)			
B.2.d. CUSTOMER IMPACT (TO BE COMPLETED BY LPS)			
Allowing smart meter reads to be included in the Market will improve the accuracy of both settlement and customer billing. Over time this would lead to a reduction in bills based on estimated consumption and support targeted water efficiency measures that will save Customers money.			
B.2.e. 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)			
B.3. TP DECISION	TP APPROVED		
B.4. FINAL TP VIEWS	Unanimously approved at the TP on 2025-08-21		
B.5. PLANNED IMPLEMENTATION DATE	March 2026		

WITHDRAWN BY PROPOSER?	NO
COMMENTS	
DATE OF WITHDRAWAL	

PART C — COMMISSION APPROVAL

C.1. DATE FINAL REPORT ISSUED TO COMMISSION	2025-09-18
C.2. APPROVAL STATUS	APPROVED CHANGE
C.3. DATE OF APPROVAL STATUS	2025-10-22
C.4. COMMISSION RESPONSE REFERENCE	CMACP 221025

PART D — IMPLEMENTATION

D.1. IMPLEMENTATION DATE	19 March 2026

D.2. IMPLEMENTATION DETAILS
(MC version, CSD versions, CMA Central Systems release number, etc.)

CSD0002 v21
CSD0102 v13
CSD0202 v11
CSD0301 v34
CSD0302 v22
Market Code v57