



Software Release September 2010

Software Release Note

September 2010

Version 1(Published)

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Revision History

Rev.	Date	Description	Author	Reviewer
Version 0.1 (Draft)	07/09/10	Draft	Gary Craig	David Nicol
Version 1 (Published)	17/09/10	Published	Gary Craig	

1. Document Purpose

This Release Note sets out the changes included in CMA Central System Software Release September 2010. These changes have been introduced through the September Release Project.

2. Background

The Release has been developed to address the legacy System Bugs that reside on the CMA Issues List.

The September Release is being developed in response to a range of CMA Change Proposals (CMACPs) and associated Market Code Change Proposals (MCCPs).

The development is being delivered by the September Release Project.

3. Release Contents

The release consists of the changes listed in the table below:

Change Proposal	Issue Number	Issue
MCCP055	Issue 242, 216	T016.0 Transaction Fails
MCCP056	Issue 213	T004.1 Transactions for Incoming LP
MCCP057	Issue 9	Removal of T031 Transactions
MCCP058	Issue 182 & 211	T017.0 - Meter Swaps
MCCP060	Issue 161	Restrict Future Dates on T025.0 and T025.2
CMACP092	Issue 233	Amend T004.2 to allow Yve update of Virtual Meter

Change Proposal	Issue Number	Issue
MCCP064	Issue 244	SGES and DPID
CMACP085	Issue 249, 250	Vacancy Volume in RV charging, Unmeasurable Sewerage Weighted Average
CMACP062	Issue 187	T012.0 SIC Code
MCCP054	Issue 201	Meter Info in POLR process
CMACP094	Issue 215, 255	Charging without a start date
CMACP024	Issue 44	Inconsistent T004.1 Notifications for RTS of zero
MCCP061	Issue 188	T030.0 Date Bug/Fault
MCCP062	Issue 186, 193	T015.0 use Effective From Date
CMACP095	Issue 251	Move Security+ Emails to Config
CMACP087	Issue 232	T012.1 puts in a time in LVI/ HVI
MCCP066	Issue 252	T010.0/1 Cancellation code
CMACP010	Issue 114, 194	Correct Tradable Date
CMACP090	Issue 219	Wrong info on tariff screen
C MACP091	Issue 204	LVI displaying all users as online
MCCP059	Issue 256	Wholesaler cannot submit Cyclic or Customer reads for domestic meters
MCCP067	Issue 212	EWA - a meter swap charging error

4. Summary of Changes

4.1 MCCP055 - Unmeasurable T016.0 transaction fails (Issue 216, 242)

4.1.1 Current Situation

The Change proposal was raised in relation to the Declare Unmeasurable (T016.0) transaction failing when a SPID was in a state of New or Partial. The T016.0 can also currently be rejected if the SPID has been in a period of Transitional Arrangements.

4.1.2 Change

Transactions

The system has been changed so that the Declare Unmeasurable (T016.0) transaction can be used for a Supply Point with status New or Partial. The transaction will be rejected and a T009.1 notification with error code DB will be sent only if the Supply Point Status is Disconnected, or the Supply Point has the Transitional Indicator flag set at the date of the T16.0's transaction date.

The T29.1 transaction was also altered to no longer create unmeasurable service elements in the database when the Transitional indicator flag is set to true.

Data Fixes

A number of data fixes are also being implemented. All unmeasurable Service Elements which exist in the database which are currently active and have a transitional indicator set to true will be removed. Moreover, for these SPIDs there will be an extension backwards to the period of time for which the TA flag is set to true to match the period of time for which the unmeasurable Service Element currently exists i.e. back to market opening. The effect is to ensure that the period of RV charges remains unchanged despite the removal of the unmeasurable Service Elements. This affects around 700 SPIDs.

There is also a minor change being made the way RV charging in monthly settlements is applied to SPIDs where the Unmeasurable Service Element has been removed. The system currently takes the value at

the start of a given month. The system has been changed to use the current value on each day for settlement purposes. This was already occurring for annual settlement.

4.2 M CCP056 - T004.1 Transactions for Incoming LP (Issue 213)

4.2.1 Current Situation

During the SPID transfer transition period for an outgoing and incoming LP, additional meters can be added to the SPID by the wholesaler. Currently, the Central System does not send notification of newly created meters to the incoming LP.

4.2.2 Change

The system has been changed so that the workflow used to process New Meter (T004.0) transactions will send out New Meter Notification (T004.1) messages to the incoming LP as well as the outgoing LP during a transfer transition period.

4.3 M CCP057 - Removal of T031 Transactions (Issue 9)

4.3.1 Current Situation

Currently, the Central Systems sends out EWA notifications (T031.0) to LPs when certain SPID data is updated. This information is no longer required due to the introduction of the EWA refresh which recalculates the EWA for the purposes of settlement.

4.3.2 Change

Notify EWA (T031.0) transactions have been removed from the affected workflows. The functionality that saved the EWAs to the database before sending out the notifications has also been removed.

4.4 MCCP058 – T017 Meter Swaps (Issue 182, 211)

4.4.1 Current Situation

The T017.0 Meter Swap transaction currently fails in some instances relating to main meters on SPIDs which are part of meter networks (complex meters). The following error message was reported when a T017.0 Meter Swap transaction failed:

- [BC] "Meter read rejected: Meter not associated to SPID".

The T017.0 transaction failed in the following scenarios:

Complex Meters

If the old meter in the T017.0 transaction was a main meter in a meter network the meter swap would fail. Such meters have their Serial Number displayed as “complex” in the Central System LVI (e.g. 04KENT08A111705 (complex)).

Domestic Meters

Domestic meters can be present in the Central System, mostly in relation to meter networks, but could not be swapped using the T017.0 transaction.

4.4.2 Change

The workflow has been changed so that the T017.0 Meter Swap process can be used for meters in networks and domestic meters.

The XML Schema will be altered by this change:

- Data item D2001_SPID in type Meter Swap will be made optional.

In the case of a domestic meter new validation code has been introduced to ensure the old meter in the T017.0 transaction is domestic.

4.5 MCCP060 - Restrict Future Dates on T025.0 and T025.2 (Update TE Volume Transactions (Issue 161))

4.5.1 Current Situation

For transactions sent via the HVI interface the Notify Trade Effluent Volume (LP) System Process (T025.0) and the Notify Trade Effluent Volume (SW) System Process (T025.2) has only limited validation. So even if the effective from date is in the future the system would accept these and store them to the database.

Currently the LVI enforces that the effective from date is not in the future by the use of a pop-up calendar.

4.5.2 Change

The relevant workflows for both the Notify Trade Effluent Volume (LP) process (T025.0) and the Notify Trade Effluent Volume (SW) process (T025.2) have been changed so that they now validate that the date is not in the future.

This process will return the DK error code to the sender if validation fails. The DK error code's description has changed to "Effective from date cannot be in the future". The DK error code was already present in the XML Schema and had the text string of "Reserved for future use" attributed to it.

4.6 CMAP092 - Amend T004.2 to allow YVe update of Virtual Meter (Issue 233)

4.6.1 Current Situation

The T004.2 (Notify Meter Details) transaction currently fails when notified against the main meter of certain SPIDs in a meter network.

4.6.2 Change

The workflow has been changed so that the T004.2 (Notify Meter Details) transaction now works with all meters, including those in meter networks.

4.7 MCCP064 – SGES and DPIDs (244)

4.7.1 Current Situation

SGES and DPIDs

When a SS SPID with an associated DPID has SGES applied the credit amount to the LP can be too low. In one specific test, the Central Systems assigned 1/3 of the total credit amount to the Fixed Sewerage charge and 1/3 to the Volumetric Sewerage charge. That equated to only 2/3 of the total credit amount. The Trade Effluent Charge was still charged as a debit. Note that there are currently no SPIDs with an associated DPID receiving the SGES credit within the system.

4.7.2 Change

SGES and DPIDs

The Central system has been modified so that when SS SPID has an associated DPID with SGES applied, the Trade Effluent report type will also receive a proportion of the credit amount rather than being a debit charge. Thus if there are three service element types within a sewerage SPID (fixed, volumetric and trade effluent) all 3 service element types will be credited with a proportion of the total credit amount, such that the sums of the three proportion equals the total credit amount.

4.8 CMAP085 – Vacancy Volume for RV charging, Unmeasurable Sewerage Weighted Average (Issue 249, 250)

4.8.1 Current Situation

Volume Calculations: Vacancy for RV Charges

When calculating volume consumed, the Central System ignores the effect of vacancy if the charge being calculated is an RV charge. Note the charge was still calculated correctly.

Unmeasurable Sewerage Weighted Average

When an RV based charge is being calculated for a Sewerage SPID, if the SPID has no related Water SPID the Central Systems will produce an EWA/AWA of 0 resulting in a volumetric charge of 0. This is because the system attempts to derive charges based on the related Water SPID's RV, which does not exist. When dealing with unmeasurable service elements the existence of a corresponding Water SPID when calculating charges for the Sewerage SPID should not be necessary. It should be possible to derive charges from the Sewerage SPID's own RV charge.

4.8.2 Change

Volume Calculations: Vacancy for RV Charges

The CS has been modified to take vacancy into consideration when calculating volumes on RV based charges.

Unmeasurable Sewerage Weighted Average

The Central System has been changed so that if there is no corresponding Water SPID against a Sewerage SPID, the Central System will work out charges based on the RV of the Sewerage SPID rather than attempting to derive the charge from the Water SPID. When a Water SPID is present the system will continue to calculate the RV based on the Water SPID's RV.

4.9 CMAP062 - T012 SIC Code (Issue 187)

4.9.1 Current Situation

When an Update Misc SPID Data (T012.0) transaction is created through the HVI or LVI, and the SIC code field is left empty, any existing SIC code value for the SPID would be overwritten.

4.9.2 Change

The Misc SPID Data (T012.0) transaction has been modified to ensure that the SIC code field value is not overwritten if the field is left blank. This change brings the SIC Code field into line with the way that other optional fields work in the Central Systems.

4.10 MCCC054 - Meter information and EWA in POLR process (Issue 201)

4.10.1 Current Situation

The Central System does not currently forward meter information (T004.1) and updates of SPID data (T019.0, T020.0) to the new Licensed Provider in the PoLR process as per CSD0003. Transfer reads (T005.2) are also sent to the new LP.

4.10.2 Change

The system has been changed so that the LVI PoLR process is fully implemented, as specified in CSD0003, and the (T004.1) and updates of SPID data (T019.0, T020.0) are sent to the new LP.

Transfer reads (T005.2) are no longer sent to the new LPs as they are not required as part of this process. The Customer Name (T032.0) is also now forwarded to the new LP.

4.11 CMAP094 - Charging without start date (Issue 215, 255)

4.11.1 Current Situation

Meter incorrectly in charge

Currently the Notify Meter Details (T004.0) transaction sets the effective date of the meter to the date of the transaction thus putting the meter in charge, providing the SPID is connected. The meter should not truly be in charge until an Initial Read (T005.0) transaction has been received.

Effective from dates

Currently both the Connection Complete (T007.0) and Meter Read (T005.0) transactions set both effective from date of the meter, and the date of the I Read to the date specified in these transactions. This means situations can arise where a meters effective date is moved back prior to its creation date.

Incorrect meter read sequence

It has also been noted that it is possible to send a meter read with a read date before the meter effective date. Once a SPID is connected it is also possible to send a cyclic meter read before an Initial read has been sent.

4.11.2 Change

Meter incorrectly in charge

The Central System has been changed so that meters will not now be in charge until an Initial Read (T005.0) transaction has been received. To achieve this, the T004.0 transaction has been altered to set the effective from date of the meter to a date in the distant future.

Effective from dates

Both the T005.0 and the T007.0 have also been altered:

- The T5.0 has been altered to set the Meter Effective From and the I Read date to equal the latter of the Initial read date, or the SPID connection date if the SPID is connected. If the connection is in the past the I Read date will be the latter of the connection date or the I Read date.
- The T007.0 has been altered to set the Meter Effective From and the I Read date to equal the latter of the Initial read date or the SPID connection date if the meter has had an I Read.

Incorrect meter read sequence

It is no longer possible to send a cyclic read with a date before the meters' effective date. For meters created since market opening using the notify meter details process (T004.0, T004.3) no read (other than an Opening Read) will be accepted without the presence of an I read.

4.12 CMAP024 - T004.1 Notifications for Meters with RTS of zero

4.12.1 Current Situation

During processing of a Notify Meter Details (T004.0) transaction and Notify Virtual Meter Details (T004.3) transaction, a response Notify Meter Details (T004.1) transaction is sent to the LP and an Error/Notification (T009.1) transaction is sent to the wholesaler assuming the data in the T004.0 or T004.3 passes validation. Otherwise an Error/Notification (T009.1) transaction is sent to the wholesaler with the appropriate error code.

The problem is that the Notify Meter Details (T004.1) is only sent to the LP if the return to sewerage allowance (RTS) of the new meter is greater than zero.

4.12.2 Change

Both the Notify Meter Details (T004.1) process and the Notify Virtual Meter Details (T004.3) Process have been changed to ensure that a T004.1 will be sent to the LP in the event of a T004.0 or T004.3 being sent where a meter also has an RTS value of zero.

4.13 M CCP061 - T030 Transactions for meter disassociations (Issue 188)

4.13.1 Current Situation

As part of the Meter Read system process the Central System currently always sends out a Notify DP Meter Reads (T030.0) transaction if an SS SPID has an associated DPID. This follows on from a SW Meter Read or LP Meter Read (T005.0) for Discharge Points where meters had previously been subject to a Meter Disassociation (T024.0) transaction. The meter read should not be applied in respect of the Discharge Point by virtue of the previous disassociation if is effective from after the disassociation.

4.13.2 Change

The Central Systems has been amended to prevent SW Meter Read or LP Meter Read (T005.0) notifications from being sent out following a meter disassociation. Any subsequent meter read received for a meter that has previously been disassociated through the Meter Disassociation process will not receive a DP Meter Read Notification (T030.0).

4.14 M CCP062 - T015.0 for SS Supply Point using Transaction (Issue 186, 193)

4.14.1 Current Situation

The Declare Disconnection/Reconnection (T015.0) transaction sent to in respect of a WS Supply Point with an associated SS Supply Point can lead to the transaction date being applied incorrectly to the SS Supply Point instead of the effective from date stated in the T015.0.

4.14.2 Change

The Central System has been changed so that the Disconnection/Reconnection Process will no longer look for associated SS Supply Points when dealing with Temporary Disconnection or Reconnection to a WS Supply Point. When a Declare Disconnection/Reconnection(T015.0) is sent to a WS Supply Point, the associated SS Supply Point will not be affected. A Declare Disconnection/Reconnection (T015.0) must be sent in respect of both a WS Supply Point and a SS Supply Point, even if these Supply Points are associated.

4.15 CMAP087 - Transactions use only Date part of Current System Date (Issue 232)

4.15.1 Current Situation

Certain transactions in the Central System are placing both a date and time into the market data when being processed.

4.15.2 Change

The System has changed so that the following dates do not and cannot contain a time at the database level.

- Service Element – Effective To
- Service Element – Effective From
- Meter - Effective From
- Meter – Effective To
- Meter Info - Effective From
- Supply Point Info – Effective From

Legacy and future data will now be returned from the system as having no time part for these fields.

4.16 M CCP066 - T010.0/1 Omits Cancellation Code F Self Supplier (Issue 252)

4.16.1 Current Situation

The Registration Cancellation (T010.1) transaction does not accept cancellation code type F (Self Supplier) for Incoming and Outgoing Licence Providers.

4.16.2 Change

The Central System has been changed to reflect Market Code clauses 5.6.1 and 5.6.2, so that the Incoming and Outgoing Licensed Providers can accept a cancellation code of type F (Self Supplier).

4.17 C MACP010 - Correct Ordering of Status History in LVI SPID Details Screen (Issue 114, 194)

4.17.1 Current Situation

The LVI contains a SPID details screen which displays the current status, status history, historical changes and other details. The LVI is ordering the SPID history using the effective from dates of each change to the SPID.

Under certain circumstances it is possible to disorder the Supply Point history e.g. sending in a Update SPID details (T012.0) transaction with an effective from date in June followed by a Declare Disconnection/Reconnection (T015.0) with an effective from date in May. This can result in PDISC in May but looks like a tradeable status from June.

4.17.2 Change

The Declare Disconnection/Reconnection (T015.0) transaction has been changed to update the Supply Point History as follows. In the event of a Temporary or Permanent Disconnection, entries in the Supply

Point History that follow after effective from date of the disconnection now have their statuses updated to a temp/permanent disconnected status. The same applies to any Reconnections that are received.

4.18 MCCP059 - Wholesaler cannot submit Cyclic or Customer reads for domestic meters (Issue 256)

4.18.1 Current Situation

The wholesaler is responsible for submitting meter readings in respect of Non-Market “domestic” Meters. The only read types that the Wholesaler can currently send in for these meters are I – Initial and F – Final. Submission of any other read type results in the receipt of a T009.0 error message from the CMA with the error code AT – “Meter Read Rejected: Read Type Inappropriate”.

4.18.2 Change

The meter read process has been amended to allow cyclic and customer reads to come from the Wholesaler for Non Market Meters. The drop down list for T005.0 Meter Reads in the LVI has been modified to include the C – cyclic and U – Customer read types.

Further validation has been added to check that the wholesaler submits a cyclic or customer read it is for a domestic meter and not a market meter in the Central Systems.

4.19 MCCP067 - EWA Meter Swap Charging Issue (Issue 212)

4.19.1 Current Situation

Currently, if a meter has been swapped and the new meter does not have at least two readings at the point of a settlements run, the system will fall back to use the Industry Level Estimate to calculate the YVe to be used when calculating the weighted average (EWA/AWA). As a result, the system can calculate a positive EWA/AWA despite having a negative consumption.

This is only a problem for calculating the YVe which feeds into the weighted averages. The process which calculates the volume used over the settlements period uses previous meter readings if necessary.

4.19.2 Change

The system has been changed to use the readings of a previous meter if the current meter has only one reading.

The next item relates to functionality exclusively for CMA Users.

4.20 CMACP090 - Display 0mm Tariff Charges on Tariff Screen in LVI (Issue 219)

4.20.1 Current Situation

Currently the LVI displays all Chargeable Meter Size based Tariffs for the Water and Sewerage of each Tariff Year. Whilst the 0mm tariff is contained within the 1 to 24 band, this is not displayed. These screens are shared with Scottish Water when the revised Wholesale Charging Scheme is published.

4.20.2 Change

The system has been updated to display the fixed 0mm Tariff separately at the top of the Chargeable Meter Size based Tariffs screens. This will show for both Water and Sewerage.

5. Impact on System Functionality

Functional Area	Impact (Y/N)	Description
CMA User Interface (LVI)	Yes	<p>IN 201: Implement missing PoLR Reporting functionality.</p> <p>IN 204: Login and List User page amended.</p> <p>IN 219: Update the Chargeable Meter Size based Tariffs screens to show the hardcoded 0mm tariffs.</p> <p>IN 251: Load email body from file. Update SMTP From address.</p>
Wholesaler User Interface (LVI)	Yes	<p>IN 161: DK error updated to read “Effective From date cannot be in the future”.</p> <p>IN 182 & 211: Change the Notify Meter Swap screen to make the Supply Point ID field optional.</p> <p>IN 187: MiscSpidUpdate web page code will be updated.</p> <p>IN 256: T005.0 Meter reads screen modified to show cyclic and customer read types in the read type drop down list.</p>
LP User Interface (LVI)	Yes	<p>IN 161: DK error updated to read “Effective From date cannot be in the future”.</p> <p>IN 187: MiscSpidUpdate web page code will be updated.</p>
Web Services (HVI)	Yes	<p>IN 182 & 211: Changes to the data model schema. Data item D2001_SPID in type MeterSwap will be made optional.</p>
Aggregation and Settlements	Yes	<p>IN 009: T031 transaction message removal.</p> <p>IN 212: System updated to consider previous meter readings when the current meter has only one reading.</p> <p>IN 244 & 245: Minimum charging period for DPIDs and SGES changes.</p> <p>IN 249 & 250: Vacancy For RV Charges & Unmeasurable Sewerage Weighted Average.</p>

Functional Area	Impact (Y/N)	Description
Registration	Yes	<p>IN 009: T031 transaction message removal.</p> <p>IN 044: Processes T004.2 Notify Meter Details (SW) & T004.3 Notify Virtual Meter Details updated.</p> <p>IN 182 & 211: Changes to the Meter Swap work flow.</p> <p>IN 213: Changes to the workflow that deals with New Meter (T004.0) transactions.</p> <p>IN 252: T010 Registration Cancellation/Objection process steps for checking validity of cancellation code were updated.</p> <p>IN 256: T005.0 Meter Reads process modified to allow cyclic or customer reads for domestic meters.</p>

Functional Area	Impact (Y/N)	Description
Work Flows	Yes	<p>IN 009: T031 transaction message removal.</p> <p>IN 044: Processes T004.2 Notify Meter Details (SW) & T004.3 Notify Virtual Meter Details updated.</p> <p>IN 114 & 194: Change Disconnection/Reconnection Workflow to update the entire status history that takes effect after a T015.0</p> <p>IN 161: An extra step added to both Notify Trade Effluent Volume (LP) and Notify Trade Effluent Volume (SW) to validate the date is not in the future.</p> <p>IN 182 & 211: Changes to the Meter Swap work flow.</p> <p>IN 186 & 193: T015 Disconnection/Reconnection updated to use Effective From date.</p> <p>IN 187: Update Misc. SPID Data T012 workflow updates.</p> <p>IN 188: T005 Meter Read workflow update regarding T030 notifications.</p> <p>IN 213: Changes to the workflow that deals with New Meter (T004.0) transactions.</p> <p>IN 215, 216 & 242: Changes to Partial Registration workflow.</p> <p>IN 233: Change logic in workflow Notify Meter Details (LP) to check that Supply Point ether contains the supplied meter directly or indirectly.</p> <p>IN 252: T010 Registration Cancellation/Objection process steps for checking validity of cancellation code were updated.</p> <p>IN 255: T17.0 Meter Swap, T4.0 Notify Meter Details (SW), T5.0 & T5.1 Meter Read, T7.0 Notify Connection</p> <p>IN 256: T005.0 Meter Reads process modified to allow cyclic or customer reads for domestic meters.</p>
Data Model	Yes	<p>IN 182 & 211: Changes to the Schema Definition. Data item D2001_SPID in type MeterSwap will be made optional.</p> <p>IN 187: D2008_SICCodeFieldSpecified Boolean flag added to the schema.</p> <p>IN 232: Update system to use the date part of the current system date only i.e. not the current time.</p>

Functional Area	Impact (Y/N)	Description
Database	Yes	<p>IN 201: PoLR Analysis Report index updates.</p> <p>IN 204: A new table, called OnlineUsers added to the GUIMessages database.</p> <p>IN 255: Existing meter 'Effective From' date data fix.</p>
Reporting	Yes	<p>IN 201: PoLR Analysis Report index updates.</p>
Hardware and Infrastructure	Yes	<p>IN 251: New email address (noreply@cmascotland.co.uk) added to the CMAs email system.</p>

6. Impact on Configured/Change Items

There are no changes to the Operational Code.

There are changes to the Market Code, including the CSDs. These are detailed in the MCCPs that are identified in this document.

Configured/Change Item	Change Impact
Market Code	Yes
CSDs	Yes
Schema (HVI) & CSD0301 Annex A	Yes
User Manual	Yes

7. Implementation

7.1. Promotion of Release to the Central Systems

The upgrade of the Central System to Version v2.3 is currently provisionally scheduled across the various environments as set out below.

Environment	Release Date	Available for use
Production	Monday 27/09/2010	Tuesday 28/09/2010

The Central Systems will close promptly at 18:00 on Monday 27/09/2010 to allow the Release to be applied to the Production Environment.

7.2. Environments included in this release

For the avoidance of doubt, the following environments will be impacted by this release:

- Production Environment (Dundee One)
- CMA Service Provider Scenario Test Environment (Dundee Three)

7.3. Environments included pre-release

The software has been pre-released to the following environments for testing purposes:

- System Test (SIT)
- User Acceptance Testing (UAT)

7.4. Web Browser Compatibility

The Low Volume Interface (LVI) is configured for operation with most available browsers. The browsers that are supported by our Service Provider are:

- a. Internet Explorer 6
- b. Internet Explorer 7
- c. Internet Explorer 8
- d. Mozilla Firefox Version 3.5
- e. Mozilla Firefox Version 3.6
- f. Google Chrome Version 4

8. System changes – Technical Information

8.1. Changes to LVI User Interface

8.1.1. Notify Meter Swap

The Notify Meter Swap page has been modified to make the Supply Point ID field optional.

T017.0 - Notify Meter Swap

Required Information	
Supply Point ID:	<input type="text"/>
Meter Re-Read:	<input type="radio"/> Yes <input type="radio"/> No

8.1.2. Notify Meter Read (Non-Market Meter)

The Meter Read page has been modified to allow read types of C (Cyclic) and U (Customer) for the wholesaler.

T005.0 - Meter Read

Required Information	
SPID	<input type="text"/>
Meter ID	<input type="text"/>
Detailed Meter Information	
Meter Read (m ³)	<input type="text"/>
Meter Read Date	<input type="text"/> <input type="text"/> <input type="text"/>
Meter Read Type	Choose <input type="text"/>
Re-read	Choose <input type="text"/>
<input type="button" value="Submit New Meter Reading"/>	

8.1.3. View/Edit Tariffs (CMA Only)

The fixed 0mm charges are now separately displayed in the Water and Sewerage Tariff pages. The screenshot below is an example only.

View/Edit Water Tariffs for 2009

Chargeable Meter Size based Tariffs			
Chargeable Meter Size (mm)	Annual Non-Volumetric Charge (pence/meter)	Capacity Volume Threshold (m ³)	
0	0	0	
1 to <u>24</u>	<u>6900.0000</u>	<u>100.0000</u>	X
25 to <u>39</u>	<u>13300.0000</u>	<u>500.0000</u>	X
40 to <u>49</u>	<u>52600.0000</u>	<u>1000.0000</u>	X
50 to <u>79</u>	<u>94900.0000</u>	<u>2500.0000</u>	X
80 to <u>99</u>	<u>184500.0000</u>	<u>7500.0000</u>	X
100 to <u>149</u>	<u>200100.0000</u>	<u>25000.0000</u>	X
150 to <u>199</u>	<u>421300.0000</u>	<u>75000.0000</u>	X
200 to <u>249</u>	<u>3159500.0000</u>	<u>100000.0000</u>	X
250 to <u>299</u>	<u>8425400.0000</u>	<u>150000.0000</u>	X
Greater than this	<u>10426500.0000</u>	<u>300000.0000</u>	

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