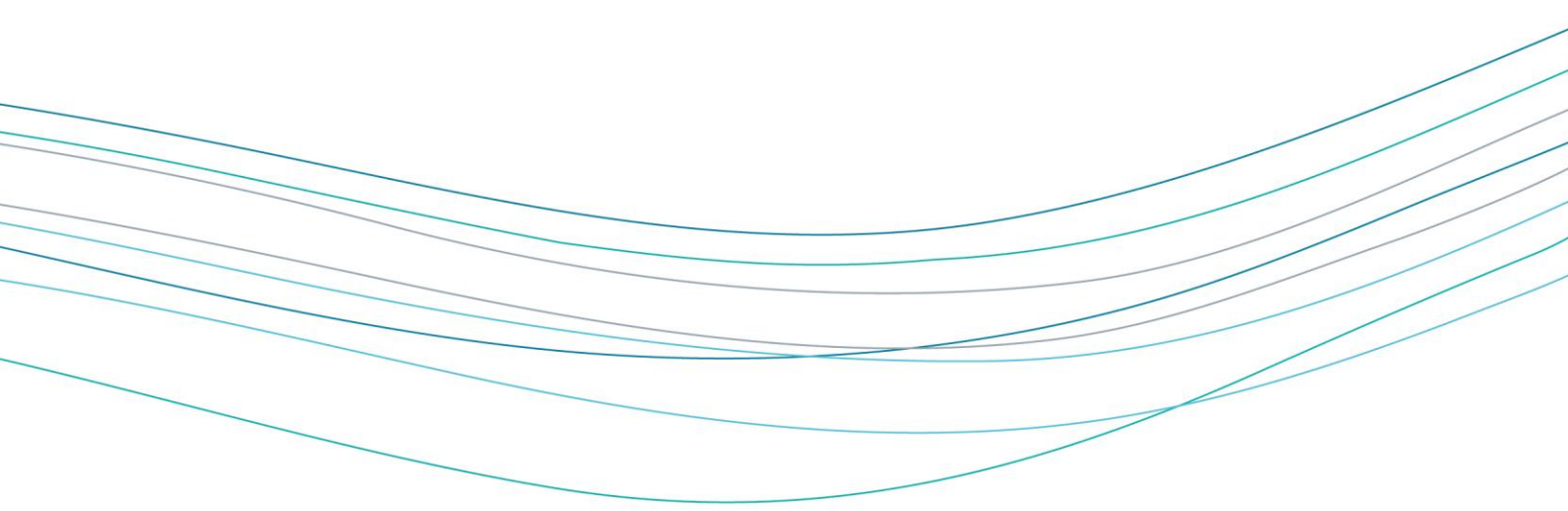


## CMOS 9.0 Release Note

Version 1.8

14 September 2020



## About this document

This paper sets out the scope and deployment arrangements for the CMOS release 9.0. The release is made up of approved Ofwat CPWs – to enhance CMOS and the market codes together with a set of defect fixes.

As with other CMOS releases, Trading Parties will be expected to test the new functionality via the MPS2 environment. This Release will be deployed on 2<sup>nd</sup> October 2020 on MPS2 and 6<sup>th</sup> November 2020 in Production. Any observations relating to the technical implementation itself (i.e. potential defects) should be notified to the Service Desk.

MOSL fully recognises the need to provide clarity and forward visibility to the market regarding the scope of fixes, given the impact to local systems. This document will be updated at appropriate intervals as we move through development, testing and ultimate deployment of the release to Production. Updates will also be reflected in the regular publication of the Observations and Workaround logs and open to discussion at the Operations and Release Working Group (ORWG) and the weekly CMOS Operations calls during the test phase of the release.

## Version History

Version	Update	Date
1.0	Initial CMOS Release 9.0 Note with the scope of CPW.	01 July 2020
1.1	475, 755, 1014, 1024 and 1085 added	13 July 2020
1.2	926, 978, 1013, 1041, 1078, 1083, 1107, 1113, 1115 added and 1126 removed	20 July 2020
1.3	1115 removed	27 July 2020
1.4	1133 and 1134 added	03 August 2020
1.5	1117, 1119, 1123, 1127, 1135 and 1136 updated	17 August 2020
1.6	1013 updated, 1140 added and 1134 removed	25 August 2020
1.7	ALMs 115, 127, 453, 559, 574, 739, 811 and 849 added. ALMs 926, 1041, 1078 and 1136 updated. ALMs 1014 status updated. 1133 removed	01 September 2020
1.8	ALMs 559 and 1135 removed.	14 September 2020

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## 01 Timeline for Release 9.0

Date	Activity	Version
1 July 2020	Initial CMOS Release 9.0 Note published with confirmed CPWs	1.00
02 October 2020	Deployment to MPS2	
16 October 2020	Patch drop MPS2	
30 October 2020 (+ 1-week contingency)	Targeted completion of Trading Party testing	
06 November 2020	Deployment to Production	
10 November 2020	Deployment to MPS	

## 02 Scope of Release 9.0 CPWs & NCCs

No NCC are planned for this Release. The following CPWs changes are confirmed for Release 9.0 and will come into effect on 6<sup>th</sup> November 2020:

ID	CPW/NCC	Title	Market Code Impact	CMOS Impact
1	CPW087	Ability for Wholesaler to add meter reads	Yes	Yes
2	CPW077	Establishing Trade Effluent charging strength methodology	Yes	Yes

### 1) CPW087 – Ability for Wholesaler to add meter reads

Accurate and timely meter readings and the high number of long unread meter remaining in the market has been identified by both MOSL and trading parties as one of the top priority issues for the market to address. The issue of meter reading is wide-ranging, not only does it impact wholesaler-retailer settlement values, it drives additional operational costs for trading parties and as a direct impact on the accuracy of customer bills and the level of service customers receive.

Currently Wholesalers can only submit Initial, Final, Temporary Disconnection and Reconnection meter readings. This change allows Wholesalers to submit non settlement affecting meter readings to facilitate Retailers in gathering readings, improving the market dataset and reducing the Long Unread position. For that, a new meter reading type was added “W” (Wholesale Read) for data item D3010 (Meter Read Type).

### 2) CPW077 - Establishing Trade Effluent charging strength methodology

This change proposal adds a new data item (D6036 – Charging Strength Methodology) within CMOS where the Wholesaler will use this field for the charging strength methodology for a Discharge Point. This will help Retailers provide timely responses to customers’ queries regarding billing strength without having to raise a bilateral form. This new data item has a valid set of methodologies as described in CSD0301 Data Catalogue.

The transactions and respective notifications that will have this new data item are T121.W (Submit DPID), T122.W (Update Trade Effluent Operating Data) and TCORR122.W (Update Trade Effluent Operating Data).

The new data item will be initialized to “UNDEFINED” to all existing Discharge Points.

The MDS\_DPIDS report will include a new column to accommodate the new data item.

### 03 Scope of Release 9.0 Defect Fixes

The target set of fixes to be delivered in parallel with the Changes include defect fixes that will be updated in this document until the final Release Note. The table below shows the defects planned to be included in Release 9.0 up to this date with a summary as per the Observation Log and some additional detail as they are made available. As of today the defect fixes for this release have not been planned yet. Please note that if the defect has a status of “confirmed” it means it will be included in Release 9.0 otherwise it is still in analysis/development phase or need data fix. The purpose of this table is to provide an earlier view as possible to the Trading Parties about the defects to be fixed, but as it is a live document, more defect fixes can be added or removed, and the final list will be in the final Release Note.

ALM	Status	Root Cause/Description	Resolution
115		CMOS doesn't allow multiple deputy contract managers. There should not be a limit on this. (All TP's affected)	
127		When submitting a TCORR128.W CMOS, EFD maps to YYYY-MM-DDT00:00:00.000000Z which is the beginning of the effective to date day, instead of showing the end of the day time 23:59:59. (WHL affected)	
453		Some validated transactions are receiving a system timeout error message instead of a validation message. Users unaware of transactions status. (All TP's affected)	
475		Tariff status showing as NULL under the 'Tariff' column within Settlement Reports when the tariff code has a future Effective Date. (All TP's affected)	
574		Current validation does not allow for processing of tariffs which are legacy, before or on the legacy effective from date. Users should be able to add and amend these tariffs to SPID's before this date. (WHL affected)	

<b>739</b>		Service Component Valid from date not updating on Portal following a TCORR143	
<b>755</b>		Wholesaler is unable to set tariff to legacy outside of update period. Functionality is correct and change to be implemented. (WHL affected)	Once implemented, user will be able to update tariffs to legacy, which predate the current active year as part of the annual tariff window
<b>811</b>		User is able to amend SPID or DPID Effective From Date into the future where there are active assets attached to the SPID / DPID, which should not be allowed. (WHL affected)	New Validation Rules implemented to stop a user amending a SPID / DPID date whilst there are assets attached to them.
<b>849</b>		CMOS has allowed the creation of a DPID against a Service Component that has already been terminated, resulting in an entity that connects a SPID & DPID being non-existent. (WHL affected)	
<b>926</b>		Meter has been installed and has had reads added prior to the IMRD via Data Migration. (WHL affected)	Data correction to be added.
<b>978</b>		From a batch of transactions submitted via B2B by a Wholesaler, one failed inexplicably.	
<b>1013</b>	Confirmed	T168.Ws are failing with DF error code even though EFD is valid and no T168.W was submitted previously.	
<b>1014</b>	Confirmed	TCORR114W is failing when the meter predates the water SPID, due to constraint in VR.282. This should be allowed	
<b>1024</b>		When in user details screen and leaving the session to time out, clicking on password reset will direct to the homepage to log in again. When you log back in and click 'go back' in the browser an error is displayed as CMOS can't retrieve the username	



<b>1041</b>		Error was triggered when user tried comparing Business Process 'Service Component added through data migration' with Business Process 'Update metered service component data (CSD-0104.13-2)' via the Service Component History tab	Data correction to be added.
<b>1078</b>	Confirmed	Issue caused by users updating Tariff which takes on a date after the EFD of Tariff Info. This has been fixed but requires a data fix.	Data correction to be added.
<b>1083</b>		Duplicate of defects #457/883. Where T101 transactions are submitted in rapid sequence by B2B, the use of two time systems by CMOS is causing some of these transactions to fail. (WHL affected)	
<b>1085</b>		When a retailer requests to be opted in for Gap Site Allocations, CMOS will auto populate dates for the next financial year but won't change. A retailer should be able to opt out / in throughout the year for approved ad hoc requests. (RTL affected)	
<b>1107</b>		When adding Chargeable Daily Volumes, submissions sent at different times are not sent in order.	
<b>1113</b>		Unexpected error on submission of T142.R caused by a VT EFD on the same date as the VT was run for a specific SPID. Data fix required.	
<b>1116</b>		Trailing whitespace characters included when submitting T132.R, preventing the SPID moving to Tradable	

<b>1117</b>		Error message suggests DPID terminated when EFD and ETD are the same	
<b>1119</b>		Incorrect rejection of TCORR171.R with error BG for a specific situation.	
<b>1123</b>		BTD steps are not in chronological order	
<b>1127</b>		Updating error message when retailer is searching tariff information, so error is clear rather than showing up as 'NULL'	
<b>1136</b>		BTD stuck in running on PRD	Data correction to be added.
<b>1140</b>		SPID attribute for steps in Transfer BTDs	

## 04 XSD Changes

The two changes for this Release have an impact on CMOS XSD files and they are available on MOSL's website ([CMOS > CMOS Releases](#)): "XSD Updates for CMOS Release 9.0.xlsx" shows the specific changes and "XSD for CMOS Release 9.0.zip" provide all the CMOS XSDs.

## 05 Error Codes

The validation rules and error codes haven't been changed for this release at this stage and therefore the current error codes are valid. Refer below to the consolidated set of error codes as of this Release Note date. The file is available on MOSL's website on [CMOS > CMOS Releases](#) "Error Codes.xlsx".

## 06 Release 9.0 Dates

The CMOS Release 9.0 dates for all environments are highlighted in section 01 and the dates for future releases are available on MOSL's website in [CMOS > CMOS Releases > Release Schedules 2020-2021](#)

## 07 Additional Information

The detailed information regarding the content of live change proposals can be found on the market codes change page of the MOSL website: <https://www.mosl.co.uk/market-codes/change> and the details of the Non-Code Changes are available on the [extranet site](#).