

# CMOS 8.0 Release Note

Version 1.10

16 May 2020

## About this document

This paper sets out the scope and deployment arrangements for the CMOS release 8.0. The release is made up of Panel and Ofwat approved CPMs and CPWs – to enhance both 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 was deployed on 21<sup>st</sup> of April 2020 on MPS2 and 15<sup>th</sup> of May 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 8.0 Note with the scope of CPW & NCCs, initial scope of defect fixes and cutover plan	10 March 2020
1.1	Added defect fixes 1055, 1079 and 1084. Added description for defects 635 and 1063. Updated status to 'Confirmed' for defect 635, 969 and 981.	23 March 2020
1.2	Added defect fixes 457, 660, 921, 1010 and 1072. Updated status to 'Confirmed' for defects 1053 and 1054.	3 April 2020
1.3	Updated status to 'Confirmed' 960, 1034, 1058. Updated status to 'Confirmed' and added defect fixes 550, 660, 1055, 1079, 1084.	07 April 2020
1.4	Updated status to 'Confirmed' 1063. Update root and resolution for 1047 and 1076. Status for 1067 'Closed' removed from list.	15 April 2020
1.5	Updated Roots and Resolutions for 750, 975 and 1072. Error code has also been updated to reflect updates added for the 15 April 2020.	16 April 2020
1.6	Removed defect 811.	27 April 2020
1.7	Confirmation of defect fixes on second patch drop in MPS2: 1101, 1104, 1105 and 1106. Updated to confirmed status defect 1007, 1009 and 1048. Added confirmed defect 1008. Removed defects 750 and 978. Included 1102 comments.	4 May 2020
1.8	Defect 1102 fixed and applied to the Portal	5 May 2020
1.9	Defect 1110 fixed and applied to the Portal	12 May 2020
1.10	Final version. Included defect 618 (data correction) and 750.	16 May 2020

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## 01 Timeline for Release 8.0

Date	Activity	Version
10 March 2020	Initial CMOS Release 8.0 Note published, including confirmed CPWs, initial scope of defect fixes and Cutover Plan	1.00
17 April 2020	Deployment to MPS2	
4 May 2020	Patch drop MPS2	
8 May 2020 (+ 1 week contingency)	Targeted completion of Trading Party testing	
15 May 2020	Deployment to Production	
19 May 2020	Deployment to MPS	

## 02 Scope of Release 8.0 CPWs & NCCs

The following changes are confirmed for Release 8.0 and will come into effect on 15 May 2020:

ID	CPW/NCC	Title	Market Code Impact	CMOS Impact
1	CPW065	Notifications for Retailers prior to T103.R submission	Yes	Yes
2	T136	BTD change to sub-meter owner	No	Yes
3	NCC007	XML split on BTD	No	Yes
4	NCC009	Supply Point registration history	No	Yes

### 1) CPW065 – Notifications for Retailers prior to T103.R submission

This change will amend CMOS to allow for the generation of wholesaler notifications to the retailer prior to it submitting the T103.R. As an example, if a meter is installed by the wholesaler at the supply point prior to the retailer accepting the SPID, the meter will be notified to the retailer immediately, rather than not being notified at all as per the current design; and

For cases where the retailer rejects the supply point, the notification transactions that were generated for the initial retailer will be generated for the assigned retailer as part of any subsequent T102.M (Notify New SPID) transaction. This will ensure that all retailers receive the relevant notifications to enable them to progress the registration of supply points.

### 2) T136 – BTD change to sub-meter owner

This is a change in the Business Transaction Dossier (BTD) for transaction T136.W. Currently, only relevant Trading Parties at the sub-meter Supply Point have access to the BTDs for that T136.W or TCORR136.W. This means that if any of the relevant Trading Parties at the main meter are not also associated with the sub-meter, they won't have access to the BTDs for the T136/TCORR136. Therefore, with the change, the functionality will be amended to give access to the BTDs for all relevant Trading Parties at the main meter Supply Point.

### 3) NCC007 – XML split on BTD

This change seeks to display only the XML relevant to the selected transaction in CMOS LVI Business Transaction Dossier (BTD).

### 4) NCC009 – Supply Point registration history

The proposed change seeks to add a table within the Supply Point core data screen displaying the history of ownership for a Supply Point. Within the 'Supply Points / Core Data' tab a new table will be included specifically for showing the history of trading party ownership. The data shown will include all the trading parties (Retailer name) who have ever had ownership of the SPID and the dates they did so.

### 03 Scope of Release 8.0 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 8.0 up to this date with a summary as per the Observation Log and some additional detail as they are made available. Please note that if the defect has a status of “confirmed” it means it will be included in Release 8.0 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.

Defect	Status	Root Cause	Resolution
407	Confirmed	CMOS allows users to delete a Tariff which is Active and in use by a Service Component which should not be allowed.	Validation rule added to Delete button on View Tariffs screen to prevent a Tariff from being deleted.
457	Confirmed	Where T101.W transactions are submitted in rapid sequence by B2B, the use of two-time systems by CMOS is causing some of these transactions to fail	T101.W process implementation and all related libraries have been changed to use database time when the data is received from the database.
550	Confirmed	The issue occurs during recreation of a new TE Service Component state that pre-dates SPID on a new SPID and because SPID doesn't exist on that date the error is thrown	Upon creation of a new SC CMOS now uses the transaction date to guarantee Wholesaler ID is retrieved and transaction is successful.
618	Data fix	Data fix to update occupancy status of SPID's identified from the issue arising in defect # 64	MOSL contacted the TPs affected and once the response is received, the data fix will be applied
635	Confirmed	T181 process assumed that (dis)association will always have a date covered by newest meter state (i.e. no VTD). However, if this was not the case then a new Meter state was created with its VTD set as the (dis)association date (i.e. no open active state).	Re-work of (dis)association process to correctly process the database records relating to the Meter state
660	Confirmed	Customer name not showing on CMOS	CMOS logic changed so that customer name is present for all those who have access to view.
683	Confirmed	The EFD of the VCA was incorrectly set in the T161.M reflecting the SPID EFD rather than the date on which the occupancy should change.	The ValidFromDate set in the T161.M notification now taken from Eligible Premises (rather than Supply Point)
686	Confirmed	Combination of Rollover Indicator being = AGREE and RDA = Indeterminate should return Rollover Flag = true (lower case) but is not.	Technical update to change value from "TRUE to "true"

750	Confirmed	Two TCORR138.W transactions using the same Volumetric Adjustment Unique Reference were accepted by CMOS incorrectly	Validation rule is in place to reject the transaction if the reference is not unique
901	Confirmed	Rollover Flag should be set to true when RDA = I and Rollover Indicator = True	Value in condition changed from "TRUE" to "true"
921	Confirmed	Where a user tries to pair a SPID during T101.W process using Other SPID field, the transaction is being rejected. This is due to the presence of a previous paired SPID which has been erased. Transaction should be allowed	CMOS now allows users to pair a SPID using "OTHER SPID" where the previous SPID has been erased.
960	Confirmed	Notifications are scheduled to be sent to all meters in a network to each wholesaler & retailer involved, but some notifications are missing.	Amended Notifications process for meter networks so that if the Meter Read is for a sub Meter in the Meter Network the Trading Party of the linked main Meter must also be notified.
975	Confirmed	Notification not sent to Other Wholesaler because EFD on SPERR'd water SPID was earlier than the EFD on the paired sewerage SPID	'Updated the mapping for WSLO and RTLO in TCORR115.W so they will receive notifications if they exist on the TCORR115 submission date. Note the same issue was seen on TCORR174.W for market meters and that mapping has been updated as well.
981	Confirmed	Change Required to Show Meter Network BTD's against Main Meter SPID as only shows against Sub Meter SPID	Change Implemented to show BTD against main meter and sub meter SPID
1004	Confirmed	Intermittent issue with validation of the wrong format data entered in the SPID field on a T101.W. Sometimes and Application Service Error appears and sometimes VR.138-2 is correctly returned	Error path modified to prevent incorrect processing when a wrong SPID or Landlord SPID is provided
1007	Confirmed	Main Meter has been finalised before Sub Meter, causing CMOS to use SUB Meter final read date as ETD for Network	TCORR136.W process fixed to properly determine the default ETD
1008	Confirmed	The customer name was cached in IIS which was not refreshing	The cache was refreshed
1009	Confirmed	SPID effective from dates have been amended, whilst a meter has been associated with this SPID and has had a final read. New SPID dates post-date the final meter read, which blocks the user from erasing the meter	New Validations have been created to block a user from amending a SPID EFD where there is a meter with a final read before the new SPID EFD

<b>1010</b>	Confirmed	When pairing SPID with SSPID from another WSL, RTS is not being applied as dictated by the system parameter override, where it should take on the SWSL's default RTS setting	This has been fixed along with various other T101 fixes made prior. Default RTS is now updated where WSPID is paired to SSPID
<b>1012</b>	Confirmed	TCORR123 fails when the process cannot find the meter if the meter exists before the Supply Point	VR.156 modified to use the input date to correctly find the meter.
<b>1029</b>	Data fix	Meter-DPID Association with discrepancies in dates.	Data fix applied
<b>1034</b>	Confirmed	Affected SPIDs missed from a data fix where the first T101.W was rejected and then re-submitted with a new nominated Retailer. The second T103.R was being wrongly processed against the first T101.W BTD.	Data fix applied to the affected SPIDs.
<b>1040</b>	Confirmed	Where SPID's are paired and One of these SPID's is De-Registered, T155.W is being rejected due to the presence of the De-Registered SPID. The user should be able to submit a T155.W transaction successfully.	CMOS behaviour has been modified to take account of the de-registered SPID in a pair and allow the T155.W transaction
<b>1043</b>	Confirmed	There are two scenarios where an ETD is not provided on a TCORR123.W which either results in the DPID/meter association remaining active or the ETD is not being set.	TCORR123.W fixed to correctly process ETD when not provided in the transaction
<b>1047</b>	Confirmed	SettlementUser Retail role incorrectly has 'CreateOrganisationUser' system function	Removed the "Create Organization User" function for the "Settlement User Retail" role
<b>1048</b>	Confirmed	Issue relating to #639 where BTD steps not updating on revalidation of T134 to send T161.M so intended recipient unaware.	Code fixed to correctly process BTDs to send the T161.M. Data fix required to process previously affected SPIDs. Sorting by date also removed so that the BTD steps are displayed as they come back from the service
<b>1053</b>	Confirmed	It had been agreed previously that RDA was to be removed from TCORR172. As of R7.0 this is still present in the transaction and causing meter reads to be rejected by CMOS when they should be accepted.	RDA has now been removed from TCORR172.R. User sets rollover status by setting rollover flag to "TRUE" or "FALSE"

<b>1054</b>	Confirmed	The same Tariff Code is used by two Wholesalers and the first Tariff found is returned to the relevant validation rules (WSL ID is not used) when checking for Tariff ownership with TCORR143. Also applies to some rules associated with T121 T143 T139 T140	Code updated to include the WholesalerID when checking and returning the relevant associated Tariffs.
<b>1055</b>	Confirmed	AD-Hoc view of MMD report is incorrectly returning certain meter reads, it seems as though the report is multiplying some of these reads incorrectly.	Report has been fixed and changing the filters (deleting/inserting) for rows into the report field does not change the values of the Meter Read being shown.
<b>1058</b>	Confirmed	REQUK0010257295 - T108.R still in 'Running' status	
<b>1062</b>	Confirmed	The appearance of this Application Error relates to a reload function issue which occurs when using Firefox and Chrome but not Internet Explorer.	Reload code updated to work with Firefox and Chrome
<b>1063</b>	Confirmed	An issue seen when using Chrome as the Save button is greyed out when trying to edit a Tariff and changes cannot be made. This is not seen when using Internet Explorer or Firefox.	Javascript code updated so Save button displays appropriate availability in Chrome as well as in IE and Firefox.
<b>1072</b>	Confirmed	It had been agreed previously that RDA was to be removed from TCORR172. As of R7.0 this is still present in the transaction and causing meter reads to be rejected by CMOS when they should be accepted.	RDA has now been removed from TCORR172.R. User sets rollover status by setting rollover flag to "TRUE" or "FALSE"
<b>1076</b>	Confirmed	Data Scripts for ISA states to be re-created for the upcoming financial year.	Data Script run and ISA states recreated for 2020/2021
<b>1079</b>	Confirmed	in T101.W transaction CMOS set the flags to 'false' as the default value for BuildingWaterStatus, AccreditedEntityFlag, MultipleWholesalersFlag, Site Specific Arrangement Flags. When a SPID has been rejected, these shouldn't be sent for the Subsequent T101	Changed T101.W process to only set the default flags described in the problem upon the original transaction of a T101.W
<b>1084</b>	Confirmed	When second or subsequent T101 is submitted after rejection, CMOS set the supply point effectuation date as a date of T101 transaction submission instead of since the beginning of SPID's existence. It affects to other transactions submitted by Wholesaler	T101 Effectuation date set to T107.W date and not T101.W submission date
<b>1101</b>	Confirmed	Multiple Notifications are being sent for T139.M & T140.M , when there should only be one issued per wholesaler / retailer.	Notifications service modified to send correct notifications for T139.M & T140.M.

<b>1102</b>	Confirmed	Portal is not refreshing list Open Transactions after the transaction is successful submitted and showing it as still available.	Resolved the issue with the display of the transactions on “list Open Transactions” on the Portal.
<b>1104</b>	Confirmed	Unable to update Service Component, producing an error message “Tariff not allowed. Tariff code does not belong to the given Service Component”.	Corrected the process that was triggering the Validation Rule incorrectly.
<b>1105</b>	Confirmed	Unable to access the Business Transaction Dossier (BTD) and issues with BTD performance. Receiving “Application Service Error”.	Improved the performance and corrected the issue.
<b>1106</b>	Confirmed	Unable to search Service Component in the Business Transaction Dossier (BTD). Search of BTD for Premises not returning data.	Corrected the issue on the display.
<b>1110</b>	Confirmed	The button to Authorise tariffs does not work in Chrome. (Wholesalers)	Corrected the issue in Chrome.

## 04 XSD Changes

The release 8.0 does not have any impact on CMOS XSD files.

## 05 Error Codes

The validation rules and error codes file are updated to align release 8.0 functionality. 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”.



CCR.400 - 8.0.0.4  
Error Codes (Baseline)

## 06 Release 8.0 Dates

The CMOS Release 8.0 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](#).



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