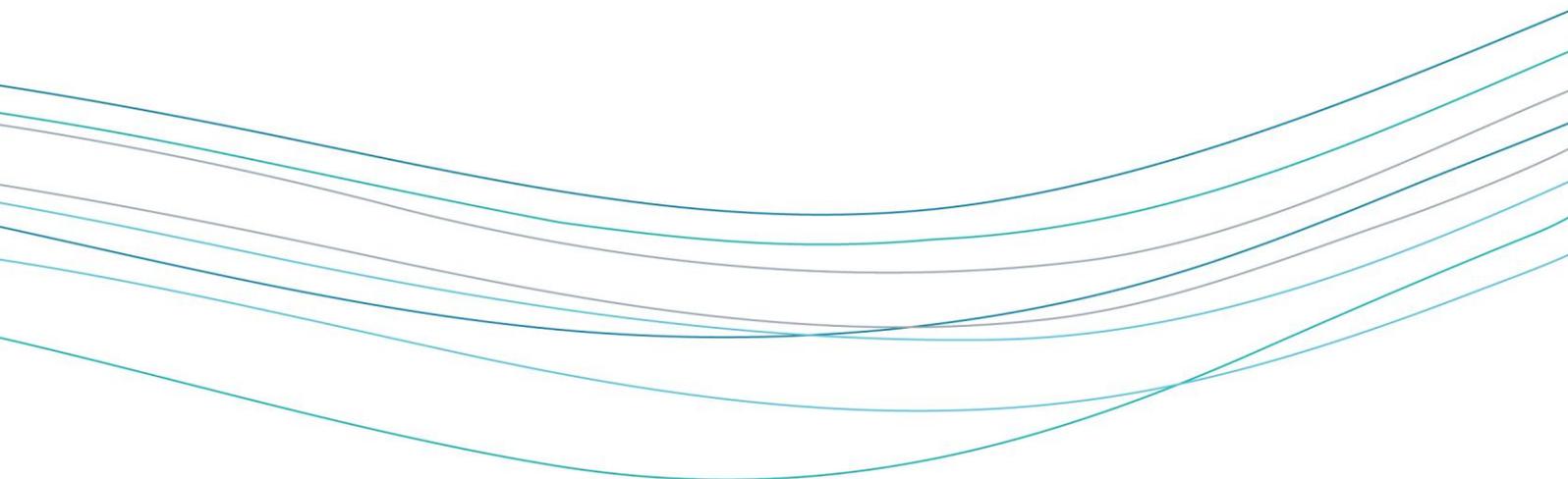


CMOS 11.0 Release Note

Version 1.10 – Final

01 December 2021



About this document

This paper sets out the scope and deployment arrangements for the CMOS release 11.0. The release is made up of NCCs to enhance CMOS together with a set of defect fixes.

As with other CMOS releases, Trading Parties were expected to test the new functionality via the MPS2 environment. This Release was deployed on 5th of November 2021 on MPS2 and will be deployed in Production on 3rd of December 2021. 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 was updated at appropriate intervals as we moved through development, testing and ultimate deployment of the release to Production. Updates are also 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 UAT phase of the release.

Version History

Version	Update	Date
1.0	Initial CMOS Release 11.0 Note with the scope of the changes and defect fixes.	28 June 2021
1.1	Further explanation of NCC024 change involving TCORR173.W, TCORR174.W and TCORR180.W	26 August 2021
1.2	ALM 618 removed. ALM 1191, 1206, 1213, 1220, 1222, 1232, 1233, 1235, 1237, 1240, 1241, 1243, 1246, 1247.	06 September 2021
1.3	ALM 127 removed. ALM 1251 and 1252 added.	27 September 2021
1.4	ALM 1254 and 1257 added.	18 October 2021
1.5	Draft error codes added with change history.	27 October 2021
1.6	Added 1261. Updated 1210, 1211, 1213, 1220, 1237, 1240, 1243, 1251 and 1257. Removed 1233 and 1252.	01 November 2021
1.7	Added 1265 and 1269. Updated 1213, 1222, 1232, 1237, 1240 and 1261. Removed 1206.	09 November 2021
1.8	Updated 1196, 1210, 1235, 1241, 1254 and 1269	15 November 2021
1.9	ALM 1272 added	22 November 2021
1.10	Final Release Note. Removed ALMs 1189, 1191, 1246 and 1247. Updated ALM 1272.	01 December 2021

Contents

About this document	2
Version History	3
Contents	4
01 Timeline for Release 11.0	5
02 Scope of Release 11.0	6
03 Scope of Release 11.0 Defect Fixes	8
04 XSD Changes	10
05 Error Codes	10
06 Release 11.0 Dates	10
07 Additional Information	11

01 Timeline for Release 11.0

Date	Activity	Version
28 June	Initial CMOS Release 11.0 Note published, including confirmed NCCs and defect fixes	1.00
5 November 2021	Deployment to MPS2	
19 November 2021	Patch drop MPS2	
26 November (+ 1 week contingency)	Targeted completion of Trading Party testing	
3 December 2021	Deployment to Production	
7 December 2021	Deployment to MPS	

02 Scope of Release 11.0

The following changes are confirmed for Release 11.0 and will come into effect on 3 December 2021:

ID	CPW/NCC	Title	Market Code Impact	CMOS Impact
1	NCC024	SMR Project 3: Meter read rejections	No	Yes
2	NCC025	Open Transactions Export	No	Yes
3	Improvement	Meter shortcut in Market Information	No	Yes

1) NCC024 – This change seeks to remove the case sensitivity on meter manufacturer and manufacturer serial number that applies to Validation Rules VR.291 (Meter does not exist in the central system) and VR.291-2 (Meter does not exist in the central system with initial meter reading date).

This change will modify the logic in meter transactions that identifies the meter concerned by using case insensitive matching and is intended to reduce the number of rejected transactions and help reduce the Trading Party’s processing time for these rejections.

This change will impact several metering transactions that update meter data. These include:

T105.R; T105.W; T113.W; T114.W; T117.W; T123.W; T124.W; T136.W; T146.R; T160.R; T181.W; TCORR113.W; TCORR114.W; TCORR123.W; TCORR124.W; TCORR136.W; TCORR146.R; TCORR148.W; TCORR171.R; TCORR171.W; TCORR172.R; TCORR172.W; TCORR175.W; TCORR176.W.

It will also impact a number of other transactions that create new meters or modify meter identifiers. These include T104.W and T117.W.

All of the transactions above that are used to update meter data use the Meter Manufacturer data item (D3013) and the Manufacturer Meter Serial Number data item (D3014) to identify the meter uniquely. Validation rules VR.291 and VR291-2 are used to ensure that the values specified (for Meter Manufacturer and Manufacturer Meter Serial Number) match a meter in CMOS.

This change alters the way meters are identified in the processing of these meter data update transactions by making the matching of Meter Manufacturer and Manufacturer Meter Serial Number case insensitive.

- A new processing function will be developed to identify the meter based on a case insensitive match of Meter Manufacturer and Manufacturer Meter Serial Number. This processing function will be applied to all transactions before the validation rules are executed, but it will only operate on meter data update transactions.

- If it finds a meter that matches the Meter Manufacturer and Manufacturer Meter Serial Number provided in the submitted transaction, on a case insensitive basis, it will obtain the actual values for Meter Manufacturer and Manufacturer Meter Serial Number for that meter as stored in the CMOS database. It will substitute these values for those submitted in the transaction.
- From that point, the processing of the transaction will be unchanged, but will use the substituted values. So, for example, all of the validation rules will use the values obtained from the matching meter in CMOS, and any data updates will be made to the matching meter.
- On successful processing of the transaction, the resultant .M notification will be issued using the Meter Manufacturer and Manufacturer Meter Serial Number values as obtained from CMOS rather than the values submitted in the transactions. It should be noted that the majority of .M notifications go to Trading Parties other than the party that submitted the transaction. However, the T105 is a special case and the T105.M notification is also issued to the sending party. So, in this situation the sending party could see a different value in the T105.M for the Meter Manufacturer or Manufacturer Meter Serial Number than was submitted.

Analysis of the meters in the production database has found several pairs of meters where the Meter Manufacturer and Manufacturer Meter Serial Number both match on a case insensitive basis, but which are distinct meters. For example, meter pairs such as:

ACTARIS 20lu012345
ACTARIS 20LU012345
Or
ACTARIS 20XY012345
Actaris 20XY012345

These pairs need to be updated prior to the change taking place. MOSL has already contacted the involved Wholesalers to determine if they are actually distinct meters and update them accordingly.

CMOS will need to be modified so that no more matching meter pairs, as the examples above, can be created. For that, modified or additional validation rules will be applied to the following transactions:

- T104.W and T117.W will need a modification of validation rules VR.086 and VR.291-1 to ensure that the new meter does not have Meter Manufacturer or Manufacturer Meter Serial Number that match those values in an existing meter on a case insensitive basis.

Transactions TCORR173.W, TCORR174.W and TCORR180.W will continue as they currently are, i.e., case sensitive.

2) NCC025 – This change is to enable CMOS users to download a report in relation to their open transactions.

Currently, Trading Parties have to work through pages of open transactions in CMOS. This change will allow Trading Parties to download the report, review and see all open transactions in order to keep track and prioritise their actions and avoid MPS charges due to late submission of transactions.

3) Improvement – This change is to enable to show the Meter shortcut in the search results when searching for a SPID that only has inactive meter(s).

Currently, if a user search for a SPID and that SPID only has an inactive meter, the shortcut (M) in the search results is not displayed as it only displays when there is an active meter. An inactive meter is the one that had a final meter reading.

03 Scope of Release 11.0 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 11.0 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 11.0 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	Description/Root Cause	Resolution
926	Data Correction	Meter has been installed and has had reads added prior to the IMRD via Data Migration. (WHL affected)	MOSL contacted the TPs affected and once the response is received, the data fix will be applied.
1171	Data Correction	Initial Meter Read Missing	Data correction to be applied.
1196	Data Correction	Unable to deregister a Sewerage SPID due to service component still be active.	Data correction applied.
1210	Data Correction	Unable to remove a Transfer Reading	Data correction applied.
1211	Confirmed	Unexpected Error in CMOS when a T107.W was submitted – isolated error	Fix was applied to the group Validate Service Components.
1213	Confirmed	Unable to amend the meter identification of finalised meters due to implementation of TCORR180 process which is passing to VR 291-1	TCORR180.W process implementation fixed
1220	Confirmed	Value submitted for special agreement is showing up incorrectly within the DPID MDS report.	Special Agreement Factor to be allowed greater than 100% and changed for following

			reports; DPID, SSSCO and WSSCO.
1222	Data correction	Transfer read being rejected due to meter that was on the SPID at the initial transfer date, then removed after. CMOS still believes the transfer read needs to be on the erased meter.	Data fixed to be applied
1232	Data correction	Error code C8 being received despite both SPID and DPID reflecting as active in CMOS.	Data correction to be applied.
1235	Data correction	T181 sent prior to submitting a T115.W. Now unable to submit final read as not associated with the SPID.	Data correction to be applied.
1237	Confirmed	Problem lies with GetPremisesAndChildren function on Submission Date activity with ViewDate, is retrieving current-date Time function which is UTC time zone.	Changes made to transactions affected.
1240	Confirmed	VR.067 should have been thrown to reject transaction as SPID was Tradable/Partial at time of submission	Amendments made to VR.067
1241	Confirmed	VR.274 rejects transaction where it does not fit the entire period of activity for a meter network. This is not clear in Rejection message	VR.274 error code amended with greater clarity.
1243	Confirmed	SPIDs have old VCA BTDs and the system seems to think these are still open and an error code is being received	VR.075 fixed to reject T134 transactions if an accepted BTD already exists and the status of the BTD is not Finished or Ready
1251	Confirmed	Issue exists for meter installations pre-dating the Supply Point Effective from Date.	Fix made to TCORR176.M. The notification will now be generated for all retailers.

1254	Confirmed	When a user fills in FreeDescriptor in the request, portal puts it in the wrong place	FreeDescriptor field mapping order corrected
1257	Confirmed	TCORR138.W being rejected incorrectly due to EFD dates being added. Issue with VR.397.	Amendments made to VR.397.
1261	Confirmed	MDS Report TEADJ not retrieving any data, leaving report empty,	MDS Report TEADJ not retrieving any data, leaving report empty,
1265	Data correction	SAF and SWDF left blank in settlement reports.	Data fix to be applied
1269	Confirmed	Market Performance Framework to be removed from reports section	Remove the Market Performance Framework Report section
1272	Confirmed	When using SPID core to view open transactions, you will see both water and sewerage SPID as expected. However, once you submit a transaction the screen resets back to default.	Added corrections to open transactions list, so filters remain in place.

04 XSD Changes

There was no XSD changes for Release 11.0.

05 Error Codes

The error codes have been published in relation to Release 11 with new 'Change History' tab. 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 – Next Release](#) "CCR.400 - 11.0.1.1 Error Codes.xlsx"

06 Release 11.0 Dates

The CMOS Release 11.0 dates for all environments are highlighted in section 01 and the dates for future releases are available on MOSL's website in [CMOS > CMOS – Current Release > Release Schedule 2020-2021](#)

07 Additional Information

The detailed information regarding the content of live change proposals can be found on MOSL's website, in [Market Codes > Change > Non-Code Change Requests](#).