

Release Notes OmcGeneric

Project BMW AUTOSAR Core 4 Rel. 3 and adaptive BMW AUTOSAR Core Rel. 1
Author BMW AG
Release Date 2017-12-14
Version 5.1.0
Status Release
Hotline +49 89 382 - 32233 (classic) / +49 89 382 - 22522 (adaptive)
Contact bac@bmw.de (classic) / abac@bmw.de (adaptive)
<https://asc.bmw.com/jira/browse/BSUP> (extern)
<https://asc.bmwgroup.net/jira/browse/BSUP> (intern)

Revision History

Version	Date	Issues
5.1.0	2017-12-14	BAC-6566, BAC-6565, BAC-6717
5.0.2	2017-10-12	BAC-6242
5.0.1	2017-08-10	BAC-6169
5.0.0	2017-06-29	

Company

Bayerische
Motoren Werke
Aktiengesellschaft

Postal address

BMW AG
80788 München

Office address

Forschungs- und
Innovationszentrum
(FIZ)
Hufelandstr. 1
80937 München

Telephone

Switchboard
+49 89 382-0

Internet

www.bmwgroup.com

1 Module Description

The main objective of the OMC functionality is to maintain the current Operation Mode of an ECU.

2 Revisions and Modifications

Revision 5.1.0 [Released]

Item	Description
CR ID:	BAC-6566
CR Headline:	Omc: Adapt code to be MISRA and improve code coverage
Description of Issues:	Improve code to be MISRA conform. Improve unit test code coverage.
Description of Changes:	Improve code to be MISRA conform. Improve unit test code coverage.
Changed Files:	src/Omc.c include/Omc.h include/Omc_ApplAdapter.h cfgdesc/Omc_paramdef.arxml src/Omc_Data.c
Compatibility:	

Item	Description
CR ID:	BAC-6565
CR Headline:	Provide callback mechanism to establish intrinsic safety.
Description of Issues:	Provide a callback mechanism for StdDiag and the Application to accept a mode change, and also to be informed if the mode change is not completed.
Description of Changes:	Improve the callback mechanism to StdDiag and the Application. Providing an extra interface to allow or disallow a mode change using a callback. Also provide a callback to confirm a rollback if a mode change is not completed.
Changed Files:	include/Omc_StdDiagAdapter.h include/Omc.h include/Omc_ApplAdapter.h src/Omc.c
Compatibility:	

Item	Description
CR ID:	BAC-6717
CR Headline:	Improve requirement tracing
Description of Issues:	Improve requirement tracing table.
Description of Changes:	Improve requirement tracing table.
Changed Files:	include/Omc_Data.h

Compatibility:	
----------------	--

Revision 5.0.2 [Released]

Item	Description
CR ID:	BAC-6242
CR Headline:	Omc: wrong NegReponseCode for \$31 01 10 03
Description of Issues:	Requesting an invalid extended mode in normal mode (\$31 01 10 03) shall return Request Out Of Range and not Conditions not Correct.
Description of Changes:	The order of following checks: * check if a extended mode change is requested in normal mode * check if the range of the requested extended mode is valid has been changed. First the range is changed and if invalid Request out of Range is returned to the tester.
Changed Files:	src/Omc.c
Compatibility:	

Revision 5.0.1 [Released]

Item	Description
CR ID:	BAC-6169
CR Headline:	Omc: Compiler error due to comma at end of enum list
Description of Issues:	Comma at end of enumeration list causes compiler error.
Description of Changes:	Removed comma at end of enumeration list.
Changed Files:	src/Omc.c
Compatibility:	

Revision 5.0.0 [Released]

Item	Description
CR ID:	
CR Headline:	Initial Release for SP2021
Description of Issues:	Initial Release for SP2021
Description of Changes:	Initial Release for SP2021
Changed Files:	
Compatibility:	