

## Release Notes DarhGeneric

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-6651
5.0.1	2017-10-12	BAC-6245
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](http://www.bmwgroup.com)

## 1 Module Description

The main objective of the Darh functionality is to send errors that occurred locally in the ECU and are reported to the Dem to a central master over the system bus. The idea is to collect errors of the individual ECUs in the vehicle in one central place to allow later analysis of error correlations between the different ECUs.

For this purpose, errors are sent to the master containing timestamp information. This allows deducing the order in which errors occurred in the complete system and helps to find out the original reason of a complex causal loop.

## 2 Revisions and Modifications

### Revision 5.1.0 [Released]

Item	Description
CR ID:	BAC-6651
CR Headline:	Darh: only 1 DTC shall be transmitted at a time
Description of Issues:	Darh transmit one DTC each time.
Description of Changes:	Due to an update on the LH and the BNE the Darh will transmit only one DTC and timestamp each time.
Changed Files:	src/Darh_QueueHandler.c
Compatibility:	

### Revision 5.0.1 [Released]

Item	Description
CR ID:	BAC-6245
CR Headline:	Darh: Improve Requirements Traceability
Description of Issues:	Fix reference to Lastenheft and add requirements from IntegrationManual to RequirementsTable.
Description of Changes:	Fixed LH reference and added requirements from IntegrationManual to RequirementsTable.
Changed Files:	doc/DarhGeneric_RequirementsTable.pdf
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:	