Application Acceptance Test Report

Release Name:	SYS-E350-I3.1.1-P51.5

Project:	zFAS Series

Author:	Cedomir Jovanovic
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SW-C:	CtApRoadGraphLight

Table Of Contents

Revision Chart

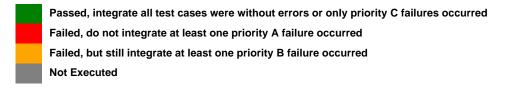| Version	Date	Responsible Person	Description
3.50.0	2019-09-10	Cedomir Jovanovic	Automatic creation of the document

1. Application Acceptance Test Result

This chapter documents the overall test results of the performed Application Acceptance Test.

1.1 SW-C Overall Test Result & Integration Recommendation

SWC Name	Version	Integration Recommendation
CtApRoadGraphLight	SWC-X320-I3.1.1-P41.5_20180808134400-S32.0_20190626133514	**Failed, but still integrate**

Table 1 Application Acceptance Test Result & Integration Recommendation

■ **Passed, integrate all test cases were without errors or only priority C failures occurred**

■ **Failed, do not integrate at least one priority A failure occurred**

■ **Failed, but still integrate at least one priority B failure occurred**

■ **Not Executed**

1.2 Statistics

	Priority A		Priority B		Priority C		Total	
Overall number of test cases	6	100%	22	100%	7	100%	35	100%
Executed test cases	6	100%	20	90.9%	6	85.7%	32	91.4%
Not executed test cases	0	0%	2	9.1%	1	14.3%	3	8.6%
Passed test cases	6	100%	19	86.4%	5	71.4%	30	85.7%
Failed test cases	0	0%	1	4.5%	1	14.3%	2	5.7%

Table 2 Statistics

1.3 Test Case Results

TC ID	Test Case	Test Case Description	Priority	Executed at	Result[1]	Explanation/Comment	Bug References
1	SWC limits check	Reads and checks all limits from Architectursteckbriefe. It creates temporary file swc_limits.csv used by other processes	PRIO_B	2019-09-10 17:15 - 2019-09-10 17:19	**Passed, integrate**		No bug references.
2	Folder content check	Checks if delivered SWC contains all mandatory subfolders	PRIO_A	2019-09-10 17:15 - 2019-09-10 17:19	**Passed, integrate**		No bug references.
3	Release notes check	Check Release Notes document against the delivered SWC content	PRIO_B	2019-09-10 17:15 - 2019-09-10 17:19	**Passed, integrate**		No bug references.
4	Supplier's AITR check	Verifies and checks the supplier's AITR document against the delivered SWC content.	PRIO_B	2019-09-10 17:15 - 2019-09-10 17:19	**Passed, integrate**		No bug references.
5	Check 02_libs content (Libraries delivered)	Checks the existance of the libraries in 02_libs folder. At least one library should exist in this folder. Existance should be checked by expected file extension	PRIO_A	2019-09-10 17:15 - 2019-09-10 17:19	**Passed, integrate**		No bug references.
6	Check for mandatory MAP file	Checks if mandatory MAP file exists in 05_data subfolder. There must be exactly one MAP file	PRIO_B	2019-09-10 17:15 - 2019-09-10 17:19	**Passed, integrate**		No bug references.
7	Check for mandatory MISRA file	Checks if mandatory MISRA file exists in 05_data subfolder. There must be exactly one MISRA file	PRIO_B	2019-09-10 17:15 - 2019-09-10 17:19	**Passed, integrate**		No bug references.
8	Check for mandatory	Checks if one or more build log files are delivered in 05_data subfolder	PRIO_B	2019-09-10 17:15 -	**Passed, integrate**		No bug references.

TC ID	Test Case	Test Case Description	Priority	Executed at	Result[1]	Explanation/Comment	Bug References
	BUILD LOG files			2019-09-10 17:19	**Passed, integrate**		
9	Check for mandatory test cases in the delivery	Checks if all mandatory test cases are delivered in 04_test subfolder	PRIO_B	2019-09-10 17:15 - 2019-09-10 17:19	**Passed, integrate**		No bug references.
10	Test Case naming convention check	Checks if all delivered Test cases (mandatory and additional) follows the naming convention	PRIO_B	2019-09-10 17:15 - 2019-09-10 17:19	**Passed, integrate**		No bug references.
11	Mandatory Test Case folder content check	Checks if every mandatory test case folder contains all mandatory files.	PRIO_B	2019-09-10 17:15 - 2019-09-10 17:19	**Passed, integrate**		No bug references.
12	Additional Test Case folder content check	Checks if additional test case folder (if any) contains all mandatory files.	PRIO_C		**Not Executed**	No additional Test Directory found. Test case cannot be executed.	
13	Heap allowed but not used	Checks if SWC is allowed to use Heap but heap is never been used.	PRIO_C	2019-09-10 17:15 - 2019-09-10 17:19	**Passed, integrate**		No bug references.
14	Heap used but not allowed	Checks if SWC using the heap but it is not allowed to use.	PRIO_B	2019-09-10 17:15 - 2019-09-10 17:19	**Passed, integrate**		No bug references.
15	Host check	Check if SWC's host stated in Release Notes document is correct (the same as the one stated in Architecture Model)	PRIO_C	2019-09-10 17:15 - 2019-09-10 17:19	**Passed, integrate**		No bug references.

TC ID	Test Case	Test Case Description	Priority	Executed at	Result[1]	Explanation/Comment	Bug References
16	ASIL level check	Check if SWC's ASIL level stated in Release Notes documents is correct (the same as the one stated in Architecture Model)	PRIO_C	2019-09-10 17:15 - 2019-09-10 17:19	**Passed, integrate**		No bug references.
17	Supplier's AITR limits check	Checks the limits stated in supplier's AITR document against the limits in Architektursteckbriefe	PRIO_B	2019-09-10 17:15 - 2019-09-10 17:19	**Passed, integrate**		No bug references.
18	Mandatory test case result check	Checks the result of the mandatory test cases stated in supplier's AITR document	PRIO_B	2019-09-10 17:15 - 2019-09-10 17:19	**Passed, integrate**		No bug references.
19	Additional test case result check	Checks the result of the additional test cases stated in supplier's AITR document (if any)	PRIO_C	2019-09-10 17:15 - 2019-09-10 17:19	**Passed, integrate**		No bug references.
20	Interface check	Checks symbols used by delivered libraries against the allowed symbol set - white list (RTE symbols from Contract header and specific list of symbols from the Architecture Model)	PRIO_B	2019-09-10 17:17:00 - 2019-09-10 17:19	**Passed, integrate**	0 forbidden symbols found. See unagreed symbols in unagreed_symbols_ CtApRoadGraphLight.txt	No bug references.
21	RTE inteface usage check	Checks if all RTE inteface are used	PRIO_C	2019-09-10 17:17:00 - 2019-09-10 17:19	**100**	64.00% of RTE interfaces not used, 36.00% used. See unused RTE interfaces in unused_rte_CtApRoadGraphLight.txt See RTE symbols statistics table in used_categories_stats_ CtApRoadGraphLight.txt Maybe not all the RTE interfaces from the Model are needed to be used, see SW-C's Release Notes.	No bug references.
22	Resource consumption check	Checks the resource consumption from the delivered MAP file against the limits in Architektursteckbriefe	PRIO_B		**Not Executed**	Since this is the APH component and delivered Release version is not the same as the current Release version, test cannot be executed.	
23	XML content check	Checks if Release Notes document and supplier's AITR document (xml	PRIO_B	2019-09-10 17:17:00 -	**Passed, integrate**		No bug references.

TC ID	Test Case	Test Case Description	Priority	Executed at	Result[1]	Explanation/Comment	Bug References
		format)are valid XML file by the xml standards and by the XML Schema.		2019-09-10 17:19	**Passed, integrate**		
24	AIT version check	Checks if AIT version stated in delivered supplier's AITR exists in the list of allowed AIT versions by Preintegration environment (Architecture).	PRIO_B	2019-09-10 17:17:00 - 2019-09-10 17:19	**Passed, integrate**		No bug references.
25	Release version check	Checks if the Release label stated in delivered Release Notes exists in the lists of Acceptable Releases by Preintegration environment(Architecture).	PRIO_A	2019-09-10 17:17:00 - 2019-09-10 17:19	**Passed, integrate**		No bug references.
26	Check allowed compiler flags	Reads BUILD LOG files and checks compiler and linker flags found there against the allowed ones stated in the Preintegration environment (Architecture).	PRIO_A	2019-09-10 17:17:00 - 2019-09-10 17:19	**Passed, integrate**		No bug references.
27	Compiler version check	Checks if Compiler version stated in delivered Release Notes is accepted by the Preintegration environment (Architecture).	PRIO_B	2019-09-10 17:17:00 - 2019-09-10 17:19	**Passed, integrate**		No bug references.
28	MISRA level check	Reads MISRA measurements from supplier's AITR file and checks if level is correct. If MISRA measurements not delivered within AITR file test fails.	PRIO_B	2019-09-10 17:17:00 - 2019-09-10 17:19	**Passed, integrate**		No bug references.
29	Is SWC buildable	Checks the result of Integrator's build process.	PRIO_A	2019-09-10 17:17:00 - 2019-09-10 17:19	**Passed, integrate**	Build successful.	No bug references.
30	Memory Mapping check	Checks if all symbols used in component are in correct memory section.	PRIO_B	2019-09-10 17:17:00 - 2019-09-10 17:19	**Passed, integrate**		No bug references.

TC ID	Test Case	Test Case Description	Priority	Executed at	Result[1]	Explanation/Comment	Bug References
31	Extended Version check	Compares SW-C version with the release label from the build process. Both data is given by supplier in Release Notes.	PRIO_C	2019-09-10 17:17:00 - 2019-09-10 17:19	**Passed, integrate**		No bug references.
32	Availability of dataset files check	The SWC delivery is checked. If it contains the .hex files in the RN (compares RN against the delivery)	PRIO_B	2019-09-10 17:17:00 - 2019-09-10 17:19	**15**	Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_ DeRoadgraphEHRDBData.hex cannot be found in Arcitecture Model. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_ DeRoadgraphERDData.hex cannot be found in Arcitecture Model. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_ DeRoadgraphRGData.hex cannot be found in Arcitecture Model. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_ DeRoadgraphRGLAData.hex cannot be found in Arcitecture Model. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_ DeRoadgraphRGLData.hex cannot be found in Arcitecture Model. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_ DeRoadgraphRGLDIAGData.hex cannot be found in Arcitecture Model. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_ DeRoadgraphROBJData.hex cannot be found in Arcitecture Model. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_ DeRoadgraphSEData.hex cannot be found in Arcitecture Model. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_ DeRoadgraphSNAVData.hex cannot be found in Arcitecture Model. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_ DeRoadgraphSOBJData.hex cannot be found in Arcitecture Model. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_ DeRoadgraphSPFData.hex cannot be found in Arcitecture Model.	No bug references.

TC ID	Test Case	Test Case Description	Priority	Executed at	Result[1]	Explanation/Comment	Bug References
						Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_DeRoadgraphSPOSData.hex cannot be found in Arcitecture Model. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_DeRoadgraphSWEData.hex cannot be found in Arcitecture Model. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_DeRoadgraphVZFData.hex cannot be found in Arcitecture Model. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_DeRoadgraphWLAData.hex cannot be found in Arcitecture Model.	
33	Dataset version check	Checks the version found in every hex file against the version stated in RN	PRIO_A	2019-09-10 17:17:00 - 2019-09-10 17:19	**Passed, integrate**		No bug references.
34	Dataset filesize check	Checks the size found in every hex file against the size projected by the Architecture Model.	PRIO_B		**Not Executed**	Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_DeRoadgraphEHRDBData.hex cannot be found in Arcitecture Model. Test cannot be executed. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_DeRoadgraphERDData.hex cannot be found in Arcitecture Model. Test cannot be executed. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_DeRoadgraphRGData.hex cannot be found in Arcitecture Model. Test cannot be executed. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_DeRoadgraphRGLAData.hex cannot be found in Arcitecture Model. Test cannot be executed. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_DeRoadgraphRGLData.hex cannot be found in Arcitecture Model. Test cannot be executed. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_DeRoadgraphRGLDIAGData.hex cannot be found in Arcitecture Model. Test cannot be executed.	

TC ID	Test Case	Test Case Description	Priority	Executed at	Result[1]	Explanation/Comment	Bug References
						Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_ DeRoadgraphROBJData.hex cannot be found in Arcitecture Model. Test cannot be executed. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_ DeRoadgraphSEData.hex cannot be found in Arcitecture Model. Test cannot be executed. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_ DeRoadgraphSNAVData.hex cannot be found in Arcitecture Model. Test cannot be executed. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_ DeRoadgraphSOBJData.hex cannot be found in Arcitecture Model. Test cannot be executed. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_ DeRoadgraphSPFData.hex cannot be found in Arcitecture Model. Test cannot be executed. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_ DeRoadgraphSPOSData.hex cannot be found in Arcitecture Model. Test cannot be executed. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_ DeRoadgraphSWEData.hex cannot be found in Arcitecture Model. Test cannot be executed. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_ DeRoadgraphVZFData.hex cannot be found in Arcitecture Model. Test cannot be executed. Hex file Audi\Default\CtApRoadGraph_PiDsRoadGraphDataSet_ DeRoadgraphWLAData.hex cannot be found in Arcitecture Model. Test cannot be executed.	
35	Check mandatory	Reads BUILD LOG files and checks compiler and linker flags found there against the mandatory ones stated	PRIO_B	2019-09-10 17:17:00 - 2019-09-10 17:19	**Passed, integrate**		No bug references.

TC ID	Test Case	Test Case Description	Priority	Executed at	Result[1]	Explanation/Comment	Bug References
	compiler/linker flags	in the Preintegration environment (Architecture).			🟩		
				Sum[2]	**2/32**		

Table 3 Test Case Results

[1]**If test case fails, number of errors are shown in this column**

[2]**Ratio of test cases: failed/executed**

🟩 **Passed**

🟥 **Failed**

⬜ **Not Executed**

2 Test Artefact Information

The following describes the artefacts which were tested at the integrator and delivered by the SW-C supplier during Application Acceptance Testing

2.1 Test Input Artefacts provided by the SWC-Supplier

Name	CtApRoadGraphLight
Version	SWC-X320-I3.1.1-P41.5_20180808134400-S32.0_20190626133514
ASIL Level	QM
Host	APH
Description	

Table 4 Tested SWC

Name	Version	Comment
libCtApRoadGraphLight_BDL_1.0.0.a		
libCtApRoadGraphLight_Implementation_ 1.0.0.a		
libCtApRoadGraphLight_ ServerRunnables_1.0.0.a		
libpsd_ehr_020100.a		
libRoadgraph03_3.0.0.a		

Table 5 Tested Release Content

2.2 Test Output Artefacts generated by the Integrator

Name	Version	Comment
AATR_TTTech_CtApRoadGraphLight.xml	2.0.2	automatic creation
unused_rte_CtApRoadGraphLight.txt		File containing list of unused RTE interfaces with its categories
AAT_release_notes20190910171546.log		File containing all information about checks in AAT process
used_categories_stats_ CtApRoadGraphLight.txt		File containing statistic table of used RTE symbols in swc libraries
unagreed_symbols_ CtApRoadGraphLight.txt		File containing all unagreed symbols in swc libraries
used_rte_CtApRoadGraphLight.txt		File containing list of used RTE interfaces with its categories

used_symbols_CtApRoadGraphLight.txt		File containing all used symbols in swc libraries
bad_memory_sections_ CtApRoadGraphLight.txt		File containing information about bad memory sections
white_CtApRoadGraphLight.dat		Whitelist file containting all allowed symbols specific to the SWC.

Table 6 Generated Test Artefacts

3 Test Environment Information

3.1 Test Management

PTC Integrity Baseline Label	-
PTC Integrity Test Session ID	3302346
PTC Integration Test Element	735404

Table 7 Test Management Table

3.2 AAT Test Framework Information

Application Integration Test Environment has not been changed.

AAT Test Framework Version	C8_REL_REV176895
Change description	No changes
Effects of Change	No effects

Table 8 AAT Test Framework Information

3.3 Additional Software Tools

{NO DATA}

3.4 Test PC Software Image

{NO DATA}

Guidelines

Guidelines:
    * Unused RTE-Interfaces: Rte_Call_CtApRoadGraphLight_PpEventHandling_GetEventStatus
Rte_Call_CtApRoadGraphLight_PpPFServer_TS_ConvertAgt2Zgt
Rte_Call_CtApRoadGraphLight_PpPFServer_TS_ConvertZgt2Agt
Rte_Call_CtApRoadGraphLight_PpPFServer_TS_GetAgtTimestamp
Rte_IRead_RRGLCyclic_PpDsRoadGraphDataSet_DeRoadgraphERDData
Rte_IRead_RRGLCyclic_PpDsRoadGraphDataSet_DeRoadgraphRGData
Rte_IRead_RRGLCyclic_PpDsRoadGraphDataSet_DeRoadgraphRGLData
Rte_IRead_RRGLCyclic_PpDsRoadGraphDataSet_DeRoadgraphRGLDIAGData
Rte_IRead_RRGLCyclic_PpDsRoadGraphDataSet_DeRoadgraphROBJData
Rte_IRead_RRGLCyclic_PpDsRoadGraphDataSet_DeRoadgraphSOBJData
Rte_IRead_RRGLCyclic_PpDsRoadGraphDataSet_DeRoadgraphVZFData
Rte_IRead_RRGLCyclic_PpDsRoadGraphDataSet_DeRoadgraphWLAData
Rte_IRead_RRGLCyclic_PpFRVZE_DeBVTS Rte_IRead_RRGLCyclic_PpFRVZE_DePduGrp_BVTS_xx
Rte_IRead_RRGLCyclic_PpFRVZE_DePduGrp_VZE_01
Rte_IRead_RRGLCyclic_PpFRVZE_DePduGrp_VZE_02
Rte_IRead_RRGLCyclic_PpFRVZE_DePduGrp_VZE_03
Rte_IRead_RRGLCyclic_PpFRVZE_DePduGrp_VZE_05 Rte_IRead_RRGLCyclic_PpFRVZE_DeTraceData
Rte_IRead_RRGLCyclic_PpObjOBFMV_DeOBFObjMVMOD
Rte_IRead_RRGLCyclic_PpObjOBFMV_DeOBFObjMVPED
Rte_IRead_RRGLCyclic_PpPFHwMeasurements_DeTHS
Rte_IRead_RRGLCyclic_PpPFHwMeasurements_DeVBAT_MAIN
Rte_IRead_RRGLCyclic_PpPFProvidedData_DeCurConsecutiveSysRestartCnt
Rte_IRead_RRGLCyclic_PpPFProvidedData_DeIFSETVersion
Rte_IRead_RRGLCyclic_PpPFProvidedData_DeLCSAPHState
Rte_IRead_RRGLCyclic_PpPFProvidedData_DeLCSMVHState
Rte_IRead_RRGLCyclic_PpPFProvidedData_DeLCSSRHState
Rte_IRead_RRGLCyclic_PpPFProvidedData_DeLCSSSHState
Rte_IRead_RRGLCyclic_PpPFProvidedData_DeLCSSystemState
Rte_IRead_RRGLCyclic_PpPFProvidedData_DeTotalSysRestartCnt
Rte_IRead_RRGLCyclic_PpPSD15_DePSDLR01m0 Rte_IRead_RRGLCyclic_PpPSD15_DePSDLR01m1
Rte_IRead_RRGLCyclic_PpPSD15_DePSDLR01m2 Rte_IRead_RRGLCyclic_PpPSD15_DePSDLR01m3
Rte_IRead_RRGLCyclic_PpRGRGL_DeRGRGL
Rte_IStatus_RRGLCyclic_PpDsRoadGraphDataSet_DeRoadgraphERDData
Rte_IStatus_RRGLCyclic_PpDsRoadGraphDataSet_DeRoadgraphRGData
Rte_IStatus_RRGLCyclic_PpDsRoadGraphDataSet_DeRoadgraphRGLData
Rte_IStatus_RRGLCyclic_PpDsRoadGraphDataSet_DeRoadgraphRGLDIAGData
Rte_IStatus_RRGLCyclic_PpDsRoadGraphDataSet_DeRoadgraphROBJData
Rte_IStatus_RRGLCyclic_PpDsRoadGraphDataSet_DeRoadgraphSOBJData
Rte_IStatus_RRGLCyclic_PpDsRoadGraphDataSet_DeRoadgraphVZFData
Rte_IStatus_RRGLCyclic_PpDsRoadGraphDataSet_DeRoadgraphWLAData
Rte_IStatus_RRGLCyclic_PpFRVZE_DeBVTS Rte_IStatus_RRGLCyclic_PpFRVZE_DePduGrp_BVTS_xx
Rte_IStatus_RRGLCyclic_PpFRVZE_DePduGrp_VZE_01
Rte_IStatus_RRGLCyclic_PpFRVZE_DePduGrp_VZE_02
Rte_IStatus_RRGLCyclic_PpFRVZE_DePduGrp_VZE_03
Rte_IStatus_RRGLCyclic_PpFRVZE_DePduGrp_VZE_05
Rte_IStatus_RRGLCyclic_PpFRVZE_DeTraceData Rte_IStatus_RRGLCyclic_PpFRVZE_DeVZE
Rte_IStatus_RRGLCyclic_PpLanesMV_DeLanes

Rte_IStatus_RRGLCyclic_PpOBFLightOutObjects_DeObjectListOBFLightOut
Rte_IStatus_RRGLCyclic_PpObjOBFMV_DeOBFObjMVMOD
Rte_IStatus_RRGLCyclic_PpObjOBFMV_DeOBFObjMVPED
Rte_IStatus_RRGLCyclic_PpPFHwMeasurements_DeTHS
Rte_IStatus_RRGLCyclic_PpPFHwMeasurements_DeVBAT_MAIN
Rte_IStatus_RRGLCyclic_PpPFProvidedData_DeCurConsecutiveSysRestartCnt
Rte_IStatus_RRGLCyclic_PpPFProvidedData_DeIFSETVersion
Rte_IStatus_RRGLCyclic_PpPFProvidedData_DeLCSAPHState
Rte_IStatus_RRGLCyclic_PpPFProvidedData_DeLCSMVHState
Rte_IStatus_RRGLCyclic_PpPFProvidedData_DeLCSSRHState
Rte_IStatus_RRGLCyclic_PpPFProvidedData_DeLCSSSHState
Rte_IStatus_RRGLCyclic_PpPFProvidedData_DeLCSSystemState
Rte_IStatus_RRGLCyclic_PpPFProvidedData_DeTotalSysRestartCnt
Rte_IStatus_RRGLCyclic_PpPFProvidedData_DeVARHWVariant
Rte_IStatus_RRGLCyclic_PpPSD15_DeFRRGin Rte_IStatus_RRGLCyclic_PpPSD15_DeMIBSDF201
Rte_IStatus_RRGLCyclic_PpPSD15_DePSD04 Rte_IStatus_RRGLCyclic_PpPSD15_DePSD05
Rte_IStatus_RRGLCyclic_PpPSD15_DePSD06m0 Rte_IStatus_RRGLCyclic_PpPSD15_DePSD06m1
Rte_IStatus_RRGLCyclic_PpPSD15_DePSD06m2 Rte_IStatus_RRGLCyclic_PpPSD15_DePSD06m3
Rte_IStatus_RRGLCyclic_PpPSD15_DePSD06m4 Rte_IStatus_RRGLCyclic_PpPSD15_DePSDLR01m0
Rte_IStatus_RRGLCyclic_PpPSD15_DePSDLR01m1 Rte_IStatus_RRGLCyclic_PpPSD15_DePSDLR01m2
Rte_IStatus_RRGLCyclic_PpPSD15_DePSDLR01m3
Rte_IStatus_RRGLCyclic_PpRSRMV_DeMVRoadSignRecognition
Rte_IsUpdated_CtApRoadGraphLight_PpDiagCoding_DeCoding
Rte_IsUpdated_CtApRoadGraphLight_PpDiagGlobalRead_DeDeactivate_hardware_in_the_loop_mode_0x0BEA
Rte_IsUpdated_CtApRoadGraphLight_PpDiagGlobalRead_DePlatform_zFAS_hil_mode_0x0500
Rte_IsUpdated_CtApRoadGraphLight_PpDiagGlobalRead_DeRoller_Test_Stand_Mode_0x04FB
Rte_IsUpdated_CtApRoadGraphLight_PpDiagRoadGraphLightRead_DeDeactivate_hardware_in_the_loop_mode_0x0BE
Rte_IsUpdated_CtApRoadGraphLight_PpDiagRoadGraphLightRead_DePlatform_zFAS_hil_mode_0x0500
Rte_IsUpdated_CtApRoadGraphLight_PpDiagRoadGraphLightRead_DeReset_0x0570
Rte_IsUpdated_CtApRoadGraphLight_PpDiagRoadGraphLightRead_DeRoad_Graph_Light_Dev_0x0558
Rte_IsUpdated_CtApRoadGraphLight_PpDiagRoadGraphLightRead_DeRoad_Graph_Light_Diagnostics_0x0559
Rte_IsUpdated_CtApRoadGraphLight_PpDiagRoadGraphLightRead_DeRoad_Graph_Light_Inputs_0x0557
Rte_IsUpdated_CtApRoadGraphLight_PpDiagRoadGraphLightRead_DeRoad_Graph_Light_Plugins_0x0556
Rte_IsUpdated_CtApRoadGraphLight_PpDiagRoadGraphLightRead_DeRoller_Test_Stand_Mode_0x04FB
Rte_IWriteRef_PpRGApiLightDb_Shm Rte_IWriteRef_RRGLCyclic_PpRGLRG_DeRGRGL
Rte_IWriteRef_RRGLCyclic_PpRGLVZE_DePduGrp_VZE_01
Rte_IWriteRef_RRGLCyclic_PpRGLVZE_DePduGrp_VZE_02
Rte_IWriteRef_RRGLCyclic_PpRGLVZE_DePduGrp_VZE_03
Rte_IWriteRef_RRGLCyclic_PpRGLVZE_DePduGrp_VZE_05
Rte_IWriteRef_RRGLCyclic_PpRGLVZE_DeTraceData Rte_IWriteRef_RRGLCyclic_PpRGLVZE_DeBVTS
Rte_IWriteRef_RRGLCyclic_PpRGLVZE_DePduGrp_BVTS_xx
Rte_IWrite_RRGLCyclic_PpRGLVZE_DeBVTS Rte_IWrite_RRGLCyclic_PpRGLVZE_DePduGrp_BVTS_xx
Rte_IWrite_RRGLCyclic_PpRGLVZE_DePduGrp_VZE_01
Rte_IWrite_RRGLCyclic_PpRGLVZE_DePduGrp_VZE_02
Rte_IWrite_RRGLCyclic_PpRGLVZE_DePduGrp_VZE_03
Rte_IWrite_RRGLCyclic_PpRGLVZE_DePduGrp_VZE_05
Rte_IWrite_RRGLCyclic_PpRGLVZE_DeTraceData
Rte_Read_CtApRoadGraphLight_PpDiagGlobalRead_DeDeactivate_hardware_in_the_loop_mode_0x0BEA
Rte_Read_CtApRoadGraphLight_PpDiagGlobalRead_DePlatform_zFAS_hil_mode_0x0500
Rte_Read_CtApRoadGraphLight_PpDiagGlobalRead_DeRoller_Test_Stand_Mode_0x04FB
Rte_Read_CtApRoadGraphLight_PpDiagRoadGraphLightRead_DeDeactivate_hardware_in_the_loop_mode_0x0BEA
Rte_Read_CtApRoadGraphLight_PpDiagRoadGraphLightRead_DePlatform_zFAS_hil_mode_0x0500

Rte_Read_CtApRoadGraphLight_PpDiagRoadGraphLightRead_DeReset_0x0570
Rte_Read_CtApRoadGraphLight_PpDiagRoadGraphLightRead_DeRoller_Test_Stand_Mode_0x04FB
Rte_Receive_CtApRoadGraphLight_PpDiagGlobalRead_DeFSPCleared