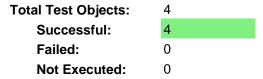
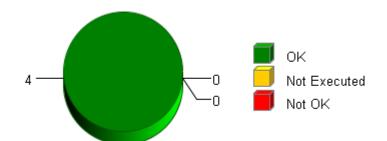


Summary

Overall Test Object Results (including Coverage)



Date: 2014-08-26 **Time:** 16:38:04+0530



Selected Project Items

Test Object "CBD UnitTest/LrnEOT/LrnEOT Init1"

Test Object "CBD_UnitTest/LrnEOT/LrnEOT_Per1"

Test Object "CBD_UnitTest/LrnEOT/LrnEOT_Scom_ResetEOT"

Test Object "CBD UnitTest/LrnEOT/ResetEOT"

Used Test Environments

TI TMS 570 PLS UDE (Default)

Batch Operation Settings

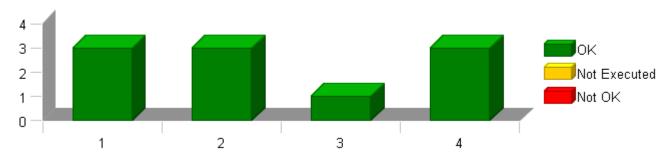
Check Interface: No
Generate Driver: Yes
Execute Test: Yes
Create New Test Run: No

Instrumentation: Test Object Only

Coverage: Statement Coverage, Branch Coverage, Decision Coverage, Modified Condition /

Decision Coverage, Multiple Condition Coverage

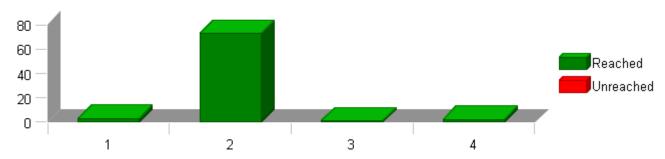
Test Case Results for Each Test Object (without Coverage)



The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results do not take into account any coverage result (i.e. if all test cases of a test object are passed in this table but the coverage is failed, the overall test object result will be failed).

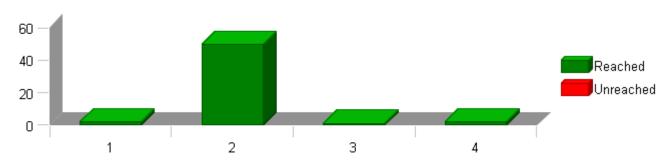


Statement (C0) Coverage: Total Statements for Each Test Object



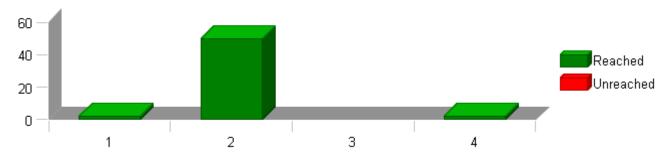
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

Branch (C1) Coverage: Total Branches for Each Test Object



The table above shows each test object on the x axis and the number of branches of the respective test object on the y axis. Each bar is divided into reached branches (i.e. branches that have been executed during the test) and unreached branches.

Decision Coverage: Total Decision Outcomes for Each Test Object

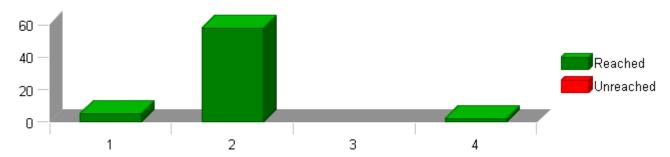


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



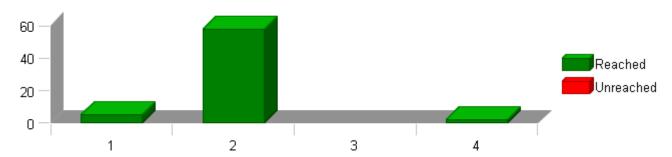
MC/DC Coverage: Total Condition Combinations for Each Test Object



The table above shows test objects on the x axis and the number of condition combinations of all decisions of the respective test object on the y axis. The number of condition combinations is based on the number of boolean conditions within each decision of the test object. To achieve full MC/DC coverage, each decision requires all contained atomic conditions to evaluate to both true and false independently of all other conditions. The cumulated number of rows within such tables of condition combinations is what is displayed in this table.

Each bar is divided into reached condition combinations (i.e. combinations of boolean condition values that have been executed during the test) and unreached condition combinations.

MCC Coverage: Total Condition Combinations for Each Test Object



The table above shows test objects on the x axis and the number of condition combinations of all decisions of the respective test object on the y axis. The number of condition combinations is based on the number of boolean conditions within each decision of the test object. To achieve full MCC coverage, each decision requires all contained atomic conditions to evaluate to all possible combinations of true and false values. The cumulated number of rows within such tables of condition combinations is what is displayed in this table.

Each bar is divided into reached condition combinations (i.e. combinations of boolean condition values that have been executed during the test) and unreached condition combinations.



Test Object List

The following table lists all test objects with their test case and coverage results. The cumulated results for modules, folders and test collections are also displayed, the indentation within the name column indicates the parent relationship of the elements.

Please note that only test objects are numbered within the first column. This number is referenced on the x axis within the overview charts for test case and coverage results available on previous pages (if included into the report).

No.	Name	C0	C1	DC	MC/DC	MCC	Test Cases	Result
	LrnEOT	100 %	100 %	100 %	100 %	100 %	10 of 10 passed	~
	CBD_UnitTest	100 %	100 %	100 %	100 %	100 %	10 of 10 passed	•
	LrnEOT	100 %	100 %	100 %	100 %	100 %	10 of 10 passed	~
1	<u>LrnEOT Init1</u>	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	•
2	<u>LrnEOT Per1</u>	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	~
3	LrnEOT Scom ResetEOT	100 %	100 %	-	-	-	1 of 1 passed	~
4	<u>ResetEOT</u>	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	~

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ResetEOT

Project	LrnEOT
Module	LmEOT
Test Object	ResetEOT

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Decision Coverage	100 %
Branch (C1) Coverage	100 %
MCC Coverage	100 %
MC/DC Coverage	100 %

Statistics

Total Testcases	3	
Successful	3	~
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CBD_LrnEOT				
Configuration File	\Synergy_Work_Area\CBD_LrnEOT\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml				
Target Environment	TI TMS 570 PLS UDE (Default)				
Kind of Test	Unit Test				
Linker Options					
Source File(s)					
File	\$(PROJECTROOT)\LmEOT\src\Ap_LmEOT.c				
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\LrnEOT\utp\contract -I\$(PROJECTROOT)\NxtrLib\include -I\$ (PROJECTROOT)\StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include				

Comments/Description	/Specification
Name	Text
Module 'LmEOT'	Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_LmEOT.c Code File(s) Version: 9 Module Design Document: LearnEOT.docx Module Design Document Version: 10 Data Dictionary Version: 16 Unit Test Plan Version: 7 Optimization Level: Level 2 Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: Excel Macro Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1122 Total RAM Used (Bytes): 9 Total CALS Used (Bytes): 34 Special Test Requirements: None Test Date: 08-26-2014 Comments: Note 1: Inline functions defined in globalmacro.h are not unit tested. Note 2: "CBD_Sandbox_dbg.map"map file is embedded for reference.

Attributes					
Name	Value				
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5				
Float Precision	9				
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj				
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src				
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>				
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl				
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2				
Time Unit	Cycles				

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ResetEOT



Attributes					
Name	Value				
Timer Enabled	false				
Timer Prescale 0					
Timer Resolution 1					
UDE Config File \$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg					
Workspace File D:\Synergy_Work_Area\CBD_LrnEOT\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP					



Usercode **Stub Function Name Stub Function Body** Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlo Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBloc

Test Case 1: Metrics Test

Specification

Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:

TS1.1 515.00 cycles TS1.2 262.00 cycles

Description Vector Description:

TS1.1 Longest Execution Path:(True = LrnEOT_ResetLimitReq_Cnt_M_lgc=>True TS1.2 Shortest Execution Path: (True = LrnEOT_ResetLimitReq_Cnt_M_lgc)=>False

Test Step 1.1 (Repeat Count = 1)					
Name	Input Value				
LrnEOT_ResetLimitReq_Cnt_M_lgc	1				
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT				
k_MinRackTrvl_HwDeg_f32	1440				
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT				
Name	Actual Value	Expected Value	Result		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~		
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1440	1440 ± 0.0625	✓		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1440	-1440 ± 0.0625	✓		
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✓		
target Pim LearnedEOT.CCWEOTFound Cnt lgc	0	0	✓		

Τ					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~	
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~	

Test Step 1.2 (Repeat Count = 1)			✓
Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_MinRackTrvl_HwDeg_f32	400.122986		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	400.122986	400.122986 ± 0.0625	✓
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-400.122986	-400.122986 ± 0.0625	✓
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
target Pim LearnedEOT.CCWEOTFound Cnt lgc	0	0	✓

T						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~		



Test Case 2: Path Test

Specification

Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:

TS2.1 515.00 cycles TS2.2 262.00 cycles

Description Vector Description:

TS2.1 (True = LrnEOT_ResetLimitReq_Cnt_M_lgc=>True TS2.2 (True = LrnEOT_ResetLimitReq_Cnt_M_lgc)=>False

Test Step 2.1 (Repeat Count = 1)	
Name	Input Value
LrnEOT_ResetLimitReq_Cnt_M_lgc	1
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_MinRackTrvl_HwDeg_f32	1440
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT



Test Case 3: Boundary Test

Specification

Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:

TS3.1 262.00 cycles TS3.2 515.00 cycles TS3.3 262.00 cycles TS3.4 262.00 cycles TS3.5 515.00 cycles TS3.6 262.00 cycles TS3.7 515.00 cycles

Description Vector Description:

TS3.1k_MinRackTrvl_HwDeg_f32 =Min TS3.2k_MinRackTrvl_HwDeg_f32 =Max TS3.3k_MinRackTrvl_HwDeg_f32 =Pos TS3.4ResetLimitReq_Cnt_M_lgc =Min TS3.5ResetLimitReq_Cnt_M_lgc =Max TS3.6All_min

TS3.6All min TS3.7All max

Test Step 3.1 (Repeat Count = 1)			✓
Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_MinRackTrvl_HwDeg_f32	360		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✓
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	360	360 ± 0.0625	✓
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-360	-360 ± 0.0625	✓
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Ap LrnEOT LearnedEOTData SetRamBlockStatus	1	Rte Call Ap LrnEOT LearnedEOTData SetRamBlockStatus	1	~

Test Step 3.2 (Repeat Count = 1)			
Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	1		
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_MinRackTrvl_HwDeg_f32	1440		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1440	1440 ± 0.0625	✓
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1440	-1440 ± 0.0625	✓
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✓
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~

Test Step 3.3 (Repeat Count = 1)			✓	
Name	Input Value			
LrnEOT_ResetLimitReq_Cnt_M_lgc	0			
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT			
k_MinRackTrvl_HwDeg_f32	400.122986			
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result	
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~	
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	400.122986	400.122986 ± 0.0625	✓	
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-400.122986	-400.122986 ± 0.0625	✓	
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✓	
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✓	



T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~

Test Step 3.4 (Repeat Count = 1)			
Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_MinRackTrvl_HwDeg_f32	567.10199		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	567.10199	567.10199 ± 0.0625	✓
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-567.10199	-567.10199 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~

Test Step 3.5 (Repeat Count = 1)			✓
Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	1		
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_MinRackTrvl_HwDeg_f32	678.252991		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	678.252991	678.252991 ± 0.0625	✓
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-678.252991	-678.252991 ± 0.0625	✓
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✓
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✓

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	•

Test Step 3.6 (Repeat Count = 1)			✓
Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_MinRackTrvl_HwDeg_f32	360		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	360	360 ± 0.0625	✓
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-360	-360 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✓
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~

Test Step 3.7 (Repeat Count = 1)	🗸
Name	Input Value
LrnEOT_ResetLimitReq_Cnt_M_lgc	1
Rte_Inst_Ap_LmEOT	tgt_Rte_Inst_Ap_LrnEOT

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Name	Input Value		
k_MinRackTrvl_HwDeg_f32	1440		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✓
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1440	1440 ± 0.0625	✓
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1440	-1440 ± 0.0625	✓
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✓
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✓

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	✓

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LrnEOT_Per1



Project	LmEOT
Module	LmEOT
Test Object	LrnEOT_Per1

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Decision Coverage	100 %
Branch (C1) Coverage	100 %
MCC Coverage	100 %
MC/DC Coverage	100 %

Statistics

Total Testcases	3	
Successful	3	~
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CBD_LrnEOT
Configuration File	D:\Synergy_Work_Area\CBD_LrnEOT\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\LmEOT\src\Ap_LmEOT.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\LrnEOT\utp\contract -I\$(PROJECTROOT)\NxtrLib\include -I\$ (PROJECTROOT)\StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description	/Specification
Name	Text
Module 'LmEOT'	Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_LmEOT.c Code File(s) Version: 9 Module Design Document: LearnEOT.docx Module Design Document Version: 10 Data Dictionary Version: 16 Unit Test Plan Version: 7 Optimization Level: Level 2 Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: Excel Macro Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1122 Total RAM Used (Bytes): 9 Total CALS Used (Bytes): 34 Special Test Requirements: None Test Date: 08-26-2014 Comments: Note 1: Inline functions defined in globalmacro.h are not unit tested. Note 2: "CBD_Sandbox_dbg.map"map file is embedded for reference.

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
Time Unit	Cycles

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Attributes	
Name	Value
Timer Enabled	false
Timer Prescale	0
Timer Resolution	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CBD_LrnEOT\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP





Usercode	
Stub Function Name	Stub Function Body
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlo	
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBloc	
Rte_Call_LrnEOT_Perl_CP0_CheckpointReached	
Rte_Call_LrnEOT_Perl_CPl_CheckpointReached	
fabsf	

Test Case 1: Metrics Test

Specification

Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:

TS1.1 1520.00 cycles TS1.2 1409.00 cycles

Description

Vector Description:

TS1.1 Shortest Execution Path: ((LmEOT_ResetLimitReq_Cnt_M_lgc == TRUE) || (DiagStsHwPosDis_Cnt_T_lgc == TRUE) || ((HandwheelAuthority_Uls_T_f32 >= k_MinResetAuthority_Uls_f32) && ((HandwheelPosition_HwDeg_T_f32 >= k_MaxRackTrvl_HwDeg_f32) || (HandwheelPosition_HwDeg_T_f32 <-k_MaxRackTrvl_HwDeg_f32))))=TrueCCWEOTPosition_HwDeg_T_f32 = Limit_m(Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32, D_CCWEOTPOSITIONLOLIM_HWDEG_F32, D_CWEOTPOSITIONLOLIM_HWDEG_F32, D_CWEOTPOSITIONHILIM_HWDEG_F32, D_CWEOTPOSITIO

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LrnEOT_Per1

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Test Case 2: Path Test

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LrnEOT_Per1 Specification

Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:

TS2.1 1429.00 cycles
TS2.2 1428.00 cycles
TS2.3 1428.00 cycles
TS2.3 1428.00 cycles
TS2.3 1428.00 cycles
TS2.4 1428.00 cycles
TS2.5 1152.00 cycles
TS2.6 1428.00 cycles
TS2.7 1428.00 cycles
TS2.8 1428.00 cycles
TS2.10 1428.00 cycles
TS2.11 1541.00 cycles
TS2.11 1541.00 cycles
TS2.12 1428.00 cycles
TS2.13 1428.00 cycles
TS2.14 1428.00 cycles
TS2.15 1428.00 cycles
TS2.16 1428.00 cycles
TS2.17 1428.00 cycles
TS2.18 1428.00 cycles
TS2.19 1428.00 cycles
TS2.19 1428.00 cycles
TS2.19 1428.00 cycles
TS2.19 1428.00 cycles



Description Vector Description:

```
(AbsHwTorque_MtrNm_T_f32 >= k_HwTrqEOTLrn_HwNm_f32) && (AbsMtrVel_MtrRadpS_T_f32 <= k_MtrVelEOTLrn_MtrRadpS_f32) )=False" TS2.10"( (EOTFound_Cnt_T_lgc == FALSE) ||
     (HandwheelPosition_HwDeg_T_f32 < k_MinRackTrvl_HwDeg_f32) )=False,( ElapsedTime_mS_T_u16 > k_EOTLrnTimer_mS_u16 )=False" TS2.11CCWEOTPosition_HwDeg_T_f32 = Limit_m(Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32, D_CCWEOTPOSITIONLOLIM_HWDEG_F32, D_CCWEOTPOSITIONHILIM_HWDEG_F32)=True,CWEOTPosition_HwDeg_T_f32 =
 D_CCWEOTPOSITIONLOLIM_HWDEG_F32, D_CCWEOTPOSITIONHILIM_HWDEG_F32)=True, CWEOTPOsition_HwDeg_T_f32 = Limit_m(Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32, D_CWEOTPOSITIONLOLIM_HWDEG_F32, D_CWEOTPOSITIONHILIM_HWDEG_F32, D_CWEOTPOSITIONHILIM_HWDEG_F32, D_CWEOTPOSITIONHILIM_HWDEG_F32, D_CWEOTPOSITIONHILIM_HWDEG_F32, Min_m(k_MaxRackTrvI_HwDeg_f32, Max_m(k_MinRackTrvI_HwDeg_f32, Max_m(k_MinRackTrvI_HwDeg_f32, HandwheelPosition_HwDeg_f32, HandwheelPosition_HwDeg_f32, Max_m(k_MaxRackTrvI_HwDeg_f32, Max_m(k_MaxRackTrvI_HwDeg_f32, Min_m(-k_MinRackTrvI_HwDeg_f32, Min_m(-k_MinRackTrvI_HwDeg_f32, HandwheelPosition_HwDeg_f32, HandwheelPosition_HwDeg_f32, Min_m(k_MaxRackTrvI_HwDeg_f32, Min_m(k_MaxRackTrvI_HwDeg_f32, Min_m(k_MaxRackTrvI_HwDeg_f32, Min_m(k_MaxRackTrvI_HwDeg_f32, Max_m(k_MinRackTrvI_HwDeg_f32, HandwheelPosition_HwDeg_f32, Max_m(k_MinRackTrvI_HwDeg_f32, Max_m(k_MinRackTrvI_HwDeg_f32, Max_m(k_MinRackTrvI_HwDeg_f32, Max_m(k_MinRackTrvI_HwDeg_f32, Max_m(k_MinRackTrvI_HwDeg_f32, Max_m(k_MaxRackTrvI_HwDeg_f32, Max_m(k_MaxRackTrvI_HwDeg_f32, Max_m(k_MaxRackTrvI_HwDeg_f32, Min_m(-k_MaxRackTrvI_HwDeg_f32, Min_m(-k_MaxRackTrvI_HwDeg_f32, Min_m(-k_MinRackTrvI_HwDeg_f32, Min_
   Max_m(-k_MaxRackTrvl_HwDeg_f32,
Min_m(-k_MinRackTrvl_HwDeg_f32,
HandwheelPosition_HwDeg_T_f32))=True"
 HandwheelPosition_HwDeg_T_f32))=True"

TS2.15"( (EOTFound_Cnt_T_lgc == FALSE) || (HandwheelPosition_HwDeg_T_f32 < k_MinRackTrvl_HwDeg_f32) )=False,( ElapsedTime_mS_T_u16 > k_EOTLrnTimer_mS_u16 )=True"  
TS2.16"( (EOTFound_Cnt_T_lgc == FALSE) || (HandwheelPosition_HwDeg_T_f32 < k_MinRackTrvl_HwDeg_f32) )=True,( ElapsedTime_mS_T_u16 > k_EOTLrnTimer_mS_u16 )=False"  
TS2.17"( (EOTFound_Cnt_T_lgc == FALSE) || (HandwheelPosition_HwDeg_T_f32 > -k_MinRackTrvl_HwDeg_f32) )=False,  
(ElapsedTime_mS_T_u16 > k_EOTLrnTimer_mS_u16 )=False"  
TS2.18"( (EOTFound_Cnt_T_lgc == FALSE) || (HandwheelPosition_HwDeg_T_f32 > -k_MinRackTrvl_HwDeg_f32) )=True"  
TS2.18"( (EOTFound_Cnt_T_lgc == FALSE) || (HandwheelPosition_HwDeg_T_f32 = Limit_m(Rte_Pim_LearnedEOT())>CCWEOTPosition_HwDeg_f32,  
D_CCWEOTPOSITIONLOLIM_HWDEG_F32, D_CCWEOTPOSITIONHILIM_HWDEG_F32)=False, CWEOTPosition_HwDeg_T_f32 = Limit_m(Rte_Pim_LearnedEOT())>CWEOTPOSITIONHILIM_HWDEG_F32, D_CCWEOTPOSITIONHOLIM_HWDEG_F32, D_CCWEOTPOSITIONHOLIM_HWDEG_F32)=True
     D_CWEOTPOSITIONHILIM_HWDEG_F32)=True
```

Test Step 2.1 (Repeat Count = 1)		
Name	Input Value	
LrnEOT_CcwEOTTimer_mS_M_u32	60	
LrnEOT_CwEOTTimer_mS_M_u32	127	
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT	

tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32

tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc

tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32

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Input Value k_AuthorityStartLrn_Uls_f32 0.5 k_EOTLrnTimer_mS_u16 60 k HwTrgEOTLrn HwNm f32 6.0999999 k_MaxRackTrvl_HwDeg_f32 432.001007 764.255981 k MinRackTrvl HwDeg f32 k_MinResetAuthority_Uls_f32 0.5 k_MtrVelEOTLrn_MtrRadpS_f32 60.0019989 $tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value$ 0 tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value 0.600000024 tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value -300.02301 tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value -800 526001 tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 700.002014 tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32 -456.002991 tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc 0 tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime 4567 tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime $tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc$ tgt_LrnEOT_Per1_CCWFound_Cnt_lgc tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32 tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32 $tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc$ tgt_LrnEOT_Per1_CWFound_Cnt_lgc tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32 tgt_LrnEOT_Per1_CWPosition_HwDeg_f32 $tgt_Rte_Inst_Ap_LrnEOT_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc$ tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32 tgt_LrnEOT_Per1_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32 $tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT$ tgt_Pim_LearnedEOT Name **Actual Value Expected Value** Result LrnEOT_ResetLimitReq_Cnt_M_lgc 0 0 tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value 0 0 tgt LrnEOT Per1 CCWPosition HwDeg f32.value -456.002991 -456.002991 ± 0.0625 tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value tgt LrnEOT Per1 CWPosition HwDeg f32.value 700.002014 700.002014 ± 0.0625

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	✓
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte Call LrnEOT Per1 CP1 CheckpointReached	1	Rte Call LrnEOT Per1 CP1 CheckpointReached	1	V

700.002014

-456.002991

0

700.002014 ± 0.0625 -456.002991 ± 0.0625

Test Step 2.2 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	600
LrnEOT_CwEOTTimer_mS_M_u32	1000
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.200000003
k_EOTLrnTimer_mS_u16	200
k_HwTrqEOTLrn_HwNm_f32	1.10000002
k_MaxRackTrvl_HwDeg_f32	375.256012
k_MinRackTrvl_HwDeg_f32	678.125
k_MinResetAuthority_Uls_f32	0.200000003
k_MtrVelEOTLrn_MtrRadpS_f32	150.102005
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.5
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	450
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	150.102005
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	532.122986
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-675.122986
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1



Name	Input Value		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	276		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1000		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	С	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDe	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-678.125	-678.125 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	678.125	678.125 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	678.125	678.125 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-678.125	-678.125 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

T .				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	✓
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	✓

Name	Input Value		
LrnEOT CcwEOTTimer mS M u32	80		
LrnEOT_CwEOTTimer_mS_M_u32	457		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Dtr	mnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Ge	tSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.200000003		
x_EOTLrnTimer_mS_u16	200		
k_HwTrqEOTLrn_HwNm_f32	1.10000002		
k_MaxRackTrvl_HwDeg_f32	375.256012		
k_MinRackTrvl_HwDeg_f32	654		
k_MinResetAuthority_Uls_f32	0.200000003		
k_MtrVelEOTLrn_MtrRadpS_f32	150.102005		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc.value	1		
gt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0		
gt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	200.158005		
gt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	150.102005		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	360.368988		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-475.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	e 4526		
gt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1000		
gt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3	32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls	_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_Hwt	Deg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f	32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Resu
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	
tgt LrnEOT Per1 CCWPosition HwDeg f32.value	-654	-654 ± 0.0625	

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Name	Actual Value	Expected Value	Result
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	654	654 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	654	654 ± 0.0625	✓
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-654	-654 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✓
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	-
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

Test Step 2.4 (Repeat Count = 1)			
Name	Input Value		
LrnEOT_CcwEOTTimer_mS_M_u32	90		
LrnEOT_CwEOTTimer_mS_M_u32	222		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
$Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)$	tgt_Rte_Call_Ap_LrnEOT_System	Time_DtrmnElapsedTime_mS_u16_ElapsedT	ime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_System	Time_GetSystemTime_mS_u32_CurrentTime	•
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.300000012		
k_EOTLrnTimer_mS_u16	300		
k_HwTrqEOTLrn_HwNm_f32	1.20000005		
k_MaxRackTrvl_HwDeg_f32	654		
k_MinRackTrvl_HwDeg_f32	764.255981		
k_MinResetAuthority_UIs_f32	0.300000012		
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	456.44101		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTi	me 1235		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1100		
tgt_Rte_Inst_Ap_LrnEOT_LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cn	t_lgc	
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 CCWPosition HwDeg f32	tgt LrnEOT Per1 CCWPosition H	lwDeg f32	
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 CWFound Cnt Igc	tgt LrnEOT Per1 CWFound Cnt	lgc	
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 CWPosition HwDeg f32	tgt LrnEOT Per1 CWPosition Hw	/Deg f32	
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 DiagStsHwPosDis Cnt Igc	tgt LrnEOT Per1 DiagStsHwPosE		
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 HandwheelAuthority Uls f32	tgt LrnEOT Per1 HandwheelAuth		
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 HandwheelPosition HwDeg f32	tgt LrnEOT Per1 HandwheelPosit	, - -	
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 HwTorque HwNm f32	tgt LrnEOT Per1 HwTorque HwN		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_Mtrl	_	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT	· -	
Name	Actual Value	Expected Value	Resu
LrnEOT ResetLimitReq Cnt M lgc	0	0	
tgt LrnEOT Per1 CCWFound Cnt Igc.value	1	1	
tgt LrnEOT Per1 CCWPosition HwDeg f32.value	-864.122986	-864.122986 ± 0.0625	
tgt LrnEOT Per1 CWFound Cnt Igc.value	0	0	
tgt LrnEOT Per1 CWPosition HwDeg f32.value	654	654 ± 0.0625	
tgt Pim LearnedEOT.CWEOTPosition HwDeg f32	654	654 ± 0.0625	
tgt Pim LearnedEOT.CCWEOTPosition HwDeg f32	-864.122986	-864.122986 ± 0.0625	
tgt Pim LearnedEOT.CWEOTFound Cnt lqc	0	0	
tgt Pim LearnedEOT.CCWEOTFound Cnt lgc	1	1	

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	✓



		✓
Input Value		
200		
444		
1		
tot Rte Call Ap LrnEOT SystemTime Dtr	mnElapsedTime mS u16 ElapsedTime	
	,	
2.0999999		
450.225006		
111		
1		
	2	
	-5	
	32	
	-	
Actual Value	Expected Value	Result
0	0	~
0	0	✓
-654	-654 ± 0.0625	~
0	0	✓
654	654 ± 0.0625	~
654	654 ± 0.0625	~
-654	-654 ± 0.0625	
0	0	~
0	0	
	200 444 1 tgt_Rte_Call_Ap_LrnEOT_SystemTime_Dtn tgt_Rte_Call_Ap_LrnEOT_SystemTime_Get tgt_Rte_Inst_Ap_LrnEOT 0.100000001 22 2.0999999 450.225006 654 0.100000001 200.102005 0 0.899999976 -900 1.29999995 345.122986 678.887024 -786.255981 0 1 1 1667 200 tgt_LrnEOT_Per1_CCWFound_Cnt_lgc tgt_LrnEOT_Per1_CWFound_Cnt_lgc tgt_LrnEOT_Per1_CWFound_Cnt_lgc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lt tgt_LrnEOT_Per1_HandwheelAuthority_Uls tgt_LrnEOT_Per1_HandwheelPosition_HwD tgt_LrnEOT_Per1_HandwheelPosition_HyD tgt_LrnEOT_Per1_HandwheelPosition_HyD tgt_LrnEOT_Per1_HandwheelPosition_HyD tgt_LrnEOT_Per1_HandwheelPosition_HyD tgt_LrnEOT_Per1_HandwheelPosition_HyD tgt_LrnEOT_Per1_HyD tgt_LrnEOT_Per1_HyD tgt_LrnEOT_Per1_HyD tg	200 444 1 1gt_Rte_Call_Ap_LmEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime tgt_Rte_Call_Ap_LmEOT 0.100000001 22 2.0999999 450.225006 654 0.100000001 200.102005 0 0.899999976 -900 1.29999995 345.122986 678.887024 -786.255981 0 1 1 21667 200 11_LmEOT_Per1_CCWFound_Cnt_lgc tgt_LmEOT_Per1_CCWFound_Cnt_lgc tgt_LmEOT_Per1_CCWFound_Cnt_lgc tgt_LmEOT_Per1_CWFound_Cnt_lgc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_LmEOT_Per1_HandwheelAuthority_Uis_f32 tgt_LmEOT_Per1_HandwheelAuthority_Uis_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Pm_LeamedEOT Actual Value 0 0 0 654 654 654 654 0.0625 654 6554 0.0625

T .				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	•
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	•
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	✓
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

Test Step 2.6 (Repeat Count = 1)	
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	500
LrnEOT_CwEOTTimer_mS_M_u32	522
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.600000024
k_EOTLrnTimer_mS_u16	100
k_HwTrqEOTLrn_HwNm_f32	1.20000005
k_MaxRackTrvl_HwDeg_f32	764.255981
k_MinRackTrvl_HwDeg_f32	845.012024
k_MinResetAuthority_Uls_f32	0.100000001
k_MtrVelEOTLrn_MtrRadpS_f32	275.119995



Name	Input Value		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.69999988		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	400		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-274		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	766.122986		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-485.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	1235		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	900		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3:	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-764.255981	-764.255981 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	✓
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	766.122986	766.122986 ± 0.0625	✓
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	766.122986	766.122986 ± 0.0625	•
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-764.255981	-764.255981 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	•
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

Test Step 2.7 (Repeat Count = 1)	<u> </u>
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	600
LrnEOT_CwEOTTimer_mS_M_u32	1000
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.200000003
k_EOTLrnTimer_mS_u16	200
k_HwTrqEOTLrn_HwNm_f32	1.10000002
k_MaxRackTrvl_HwDeg_f32	375.256012
k_MinRackTrvI_HwDeg_f32	678.125
k_MinResetAuthority_UIs_f32	0.200000003
k_MtrVelEOTLrn_MtrRadpS_f32	150.102005
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.5
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-450
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	150.102005
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	532.122986
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-675.122986
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	276
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1000
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_Igc



Name	Input Value			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_Handwhe	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_Handwhe	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorqu	e_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCF	RF_MtrRadpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT			
Name	Actual Value	Expected Value	Result	
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~	
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✓	
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-678.125	-678.125 ± 0.0625	✓	
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	✓	
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	678.125	678.125 ± 0.0625	✓	
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	678.125	678.125 ± 0.0625	✓	
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-678.125	-678.125 ± 0.0625	✓	
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✓	
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✓	

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	✓

Test Step 2.8 (Repeat Count = 1)			•
Name	Input Value		
LrnEOT_CcwEOTTimer_mS_M_u32	900		
LrnEOT_CwEOTTimer_mS_M_u32	2365		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime	_DtrmnElapsedTime_mS_u16_ElapsedT	ïme
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime	_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.800000012		
k_EOTLrnTimer_mS_u16	99		
k_HwTrqEOTLrn_HwNm_f32	9.5		
k_MaxRackTrvl_HwDeg_f32	850.122986		
k_MinRackTrvl_HwDeg_f32	654		
k_MinResetAuthority_Uls_f32	0.800000012		
k_MtrVelEOTLrn_MtrRadpS_f32	900		
tgt LrnEOT Per1 DiagStsHwPosDis Cnt Igc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.69999988		
tgt LrnEOT Per1 HandwheelPosition HwDeg f32.value	700.021973		
tgt LrnEOT Per1 HwTorque HwNm f32.value	0		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-786.692993		
tgt Pim LearnedEOT.CWEOTPosition HwDeg f32	600.122986		
tgt Pim LearnedEOT.CCWEOTPosition HwDeg f32	-950.122986		
tgt Pim LearnedEOT.CWEOTFound Cnt lgc	1		
tgt Pim LearnedEOT.CCWEOTFound Cnt lgc	0		
tgt Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16 ElapsedTir	ne 378		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	900		
tgt_Rte_Inst_Ap_LrnEOT_LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc	:	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt LrnEOT Per1 CCWPosition HwDe		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc	<u>-</u>	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg	f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_0		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_		
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 HwTorque HwNm f32	tgt LrnEOT Per1 HwTorque HwNm f		
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 MtrVelCRF MtrRadpS f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadg		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt Pim LearnedEOT		
Name	Actual Value	Expected Value	Resu
	0	0	Resu
LrnEOT_ResetLimitReq_Cnt_M_lgc		0	
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	-950.122986	-950.122986 ± 0.0625	
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value		-950.122986 ± 0.0625	
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1		
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	600.122986	600.122986 ± 0.0625	
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	600.122986	600.122986 ± 0.0625	
tot Dim LagrandFOT CCWFOTDesition Llurbag 522	050 100006		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32 tgt Pim LearnedEOT.CWEOTFound Cnt lgc	-950.122986 1	-950.122986 ± 0.0625	

tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc



Т				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte Call LrnEOT Per1 CP1 CheckpointReached	1	Rte Call LrnEOT Per1 CP1 CheckpointReached	1	✓

Test Step 2.9 (Repeat Count = 1)			✓
Name	Input Value		
LrnEOT_CcwEOTTimer_mS_M_u32	700		
LrnEOT_CwEOTTimer_mS_M_u32	127		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Dtrn	nnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Get	SystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.200000003		
k_EOTLrnTimer_mS_u16	80		
k_HwTrqEOTLrn_HwNm_f32	2.0999999		
k_MaxRackTrvl_HwDeg_f32			
k_MinRackTrvl_HwDeg_f32	654		
k_MinResetAuthority_Uls_f32	0.200000003		
k_MtrVelEOTLrn_MtrRadpS_f32	77.012001		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.5		
tgt LrnEOT Per1 HandwheelPosition HwDeg f32.value	-444.692993		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	3.29999995		
tgt LrnEOT Per1 MtrVelCRF MtrRadpS f32.value	-150.526001		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	650.23999		
tgt Pim LearnedEOT.CCWEOTPosition HwDeg f32	-666.36499		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	123		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	700		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-666.36499	-666.36499 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	654	654 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	654	654 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-666.36499	-666.36499 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	•
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	•

Test Step 2.10 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	4526
LrnEOT_CwEOTTimer_mS_M_u32	543
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime





Name	Input Value			
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTir	gt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT	gt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.30000012	0.300000012		
k_EOTLrnTimer_mS_u16	300			
k_HwTrqEOTLrn_HwNm_f32	1.20000005			
k_MaxRackTrvl_HwDeg_f32	654			
k_MinRackTrvl_HwDeg_f32	375.256012			
k_MinResetAuthority_UIs_f32	0.300000012			
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992			
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0			
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.40000006			
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125			
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005			
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150			
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	854.012024			
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-650.122986			
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0			
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedT	ime 111			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1100			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_	lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_Hw	Deg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lg	С		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwD	eg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis	s_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthor	ity_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPositio	n_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm	1_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRa	adpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT			
Name	Actual Value	Expected Value	Resul	
LrnEOT ResetLimitReg Cnt M Igc	0	0		
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	1	1		
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-650.122986	-650.122986 ± 0.0625		
tgt_trnEOT_Per1_CWFound_Cnt_lgc.value	0	0		
tgt LmEOT Per1 CWPosition HwDeg f32.value	854.012024	854.012024 ± 0.0625		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	854.012024	854.012024 ± 0.0625		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-650.122986	-650.122986 ± 0.0625		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_Igc	0	0		
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	1	1		

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	•
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	✓
Rte Call LrnEOT Per1 CP1 CheckpointReached	1	Rte Call LrnEOT Per1 CP1 CheckpointReached	1	_

Test Step 2.11 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	0
LrnEOT_CwEOTTimer_mS_M_u32	0
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0
k_EOTLrnTimer_mS_u16	0
k_HwTrqEOTLrn_HwNm_f32	0
k_MaxRackTrvl_HwDeg_f32	360
k_MinRackTrvl_HwDeg_f32	360
k_MinResetAuthority_Uls_f32	0
k_MtrVelEOTLrn_MtrRadpS_f32	0
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-900
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	-8.80000019
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-1100
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	360

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Name	Input Value		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1440.10999		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	0		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	0		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	•
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-360	-360 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	•
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	360	360 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	360	360 ± 0.0625	•
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-360	-360 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	•
ResetEOT	1	ResetEOT	1	•
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	•
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	•



Test Step 2.12 (Repeat Count = 1)			✓
Name	Input Value		
LrnEOT_CcwEOTTimer_mS_M_u32	522		
LrnEOT_CwEOTTimer_mS_M_u32	753		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
$Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)$	tgt_Rte_Call_Ap_LrnEOT_SystemTime_I	OtrmnElapsedTime_mS_u16_ElapsedTir	me
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_0	GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.600000024		
k_EOTLrnTimer_mS_u16	33		
k_HwTrqEOTLrn_HwNm_f32	6.19999981		
k_MaxRackTrvl_HwDeg_f32	789.562988		
k_MinRackTrvl_HwDeg_f32	375.256012		
k_MinResetAuthority_UIs_f32	0.600000024		
k_MtrVelEOTLrn_MtrRadpS_f32	20.2360001		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.899999976		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-666.012024		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.3999998		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	700.255981		
tgt Pim LearnedEOT.CWEOTPosition HwDeg f32	464.011993		
tgt Pim LearnedEOT.CCWEOTPosition HwDeg f32	-360		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tqt Pim LearnedEOT.CCWEOTFound Cnt lqc	1		
tgt Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16 ElapsedTim	me 567		
tgt Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32 CurrentTime	20		
tgt_Rte_Inst_Ap_LrnEOT_LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 CCWPosition HwDeg f32	tgt LrnEOT Per1 CCWPosition HwDeg	f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 CWPosition HwDeg f32	tgt LrnEOT Per1 CWPosition HwDeg f	32	
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 DiagStsHwPosDis Cnt Igc	tgt LrnEOT Per1 DiagStsHwPosDis Cn		
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 HandwheelAuthority Uls f32	tgt LrnEOT Per1 HandwheelAuthority U		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt LrnEOT Per1 HandwheelPosition H	_	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt LrnEOT Per1 HwTorque HwNm f32	·-	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt Pim LearnedEOT	_102	
Name	Actual Value	Expected Value	Result
LrnEOT ResetLimitReg Cnt M lgc	0	0	Result
tgt LrnEOT Per1 CCWFound Cnt Igc.value	1	1	
	-666.012024	-666.012024 ± 0.0625	
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	1	-666.012024 ± 0.0625	
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value			
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	464.011993	464.011993 ± 0.0625	
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	464.011993	464.011993 ± 0.0625	
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-666.012024	-666.012024 ± 0.0625	•
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte Call LrnEOT Per1 CP1 CheckpointReached	1	Rte Call LrnEOT Per1 CP1 CheckpointReached	1	V

Test Step 2.13 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	1235
LrnEOT_CwEOTTimer_mS_M_u32	127
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.100000001
k_EOTLrnTimer_mS_u16	11
k_HwTrqEOTLrn_HwNm_f32	1.10000002
k_MaxRackTrvl_HwDeg_f32	900
k_MinRackTrvl_HwDeg_f32	764.255981
k_MinResetAuthority_Uls_f32	0.100000001
k_MtrVelEOTLrn_MtrRadpS_f32	600.02301
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0

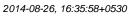




Name	Input Value		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.40000006		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	450.02301		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.29999995		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-345.020996		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	666.122986		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-637.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	888		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1000		
tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-764.255981	-764.255981 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	✓
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	764.255981	764.255981 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	764.255981	764.255981 ± 0.0625	✓
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-764.255981	-764.255981 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

T -						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	✓		
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~		
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	✓		

Test Step 2.14 (Repeat Count = 1)	🗸
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	700
LrnEOT_CwEOTTimer_mS_M_u32	127
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.200000003
k_EOTLrnTimer_mS_u16	80
k_HwTrqEOTLrn_HwNm_f32	2.0999999
k_MaxRackTrvl_HwDeg_f32	845.012024
k_MinRackTrvl_HwDeg_f32	400
k_MinResetAuthority_Uls_f32	0.200000003
k_MtrVelEOTLrn_MtrRadpS_f32	77.012001
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.5
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	444.692993
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	3.29999995
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150.526001
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	400.23999
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-666.36499
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	123
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	700
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_UIs_f32





Name	Input Value				
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32				
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32				
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT				
Name	Actual Value	Expected Value	Result		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~		
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✓		
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-666.36499	-666.36499 ± 0.0625	✓		
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	✓		
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	444.692993	444.692993 ± 0.0625	~		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	444.692993	444.692993 ± 0.0625	✓		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-666.36499	-666.36499 ± 0.0625	~		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	✓		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~		

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

Test Step 2.15 (Repeat Count = 1)			
Name	Input Value		
LrnEOT_CcwEOTTimer_mS_M_u32	4526	4526	
LrnEOT_CwEOTTimer_mS_M_u32	543		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
$Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)$	tgt_Rte_Call_Ap_LrnEOT_SystemTime	_DtrmnElapsedTime_mS_u16_ElapsedTi	ime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime	_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.300000012		
k_EOTLrnTimer_mS_u16	300		
k_HwTrqEOTLrn_HwNm_f32	1.20000005		
k_MaxRackTrvl_HwDeg_f32	654		
k_MinRackTrvl_HwDeg_f32	375.256012		
k_MinResetAuthority_Uls_f32	0.300000012		
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.40000006		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	854.012024		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-650.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
$tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu16_Elapse$	ne 350		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1100		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDe	g_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg	_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_C	Cnt_lgc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_	_Uls_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_	HwDeg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f	32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadp	S_f32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Resu
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	
tgt LrnEOT Per1 CCWFound Cnt lgc.value	1	1	
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-650.122986	-650.122986 ± 0.0625	
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	
tgt LrnEOT Per1 CWPosition HwDeg f32.value	854.012024	854.012024 ± 0.0625	
tgt Pim LearnedEOT.CWEOTPosition HwDeg f32	854.012024	854.012024 ± 0.0625	
tgt Pim LearnedEOT.CCWEOTPosition HwDeg f32	-650.122986	-650.122986 ± 0.0625	
tgt Pim LearnedEOT.CWEOTFound Cnt Igc	1	1	
tgt Pim LearnedEOT.CCWEOTFound Cnt lgc	1	1	



T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

Test Step 2.16 (Repeat Count = 1)			✓
Name	Input Value		
LrnEOT CcwEOTTimer mS M u32	90		
LrnEOT CwEOTTimer mS M u32	222		
LrnEOT ResetLimitReq Cnt M lgc	0		
Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte Inst Ap LrnEOT	tgt Rte Inst Ap LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.300000012		
k_EOTLrnTimer_mS_u16	300		
k_HwTrqEOTLrn_HwNm_f32	1.20000005		
k_MaxRackTrvl_HwDeg_f32	654		
k_MinRackTrvl_HwDeg_f32	384.125		
k_MinResetAuthority_Uls_f32	0.300000012		
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-384.125		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	456.44101		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	1235		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1100		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_l	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD	leg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	1	1	•
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-864.122986	-864.122986 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	456.44101	456.44101 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	456.44101	456.44101 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986	-864.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	✓
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	•

Test Step 2.17 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	90
LmEOT_CwEOTTimer_mS_M_u32	222





Name	Input Value			
LrnEOT_ResetLimitReq_Cnt_M_lgc	0			
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.30000012			
k_EOTLrnTimer_mS_u16	300			
k_HwTrqEOTLrn_HwNm_f32	1.20000005			
k_MaxRackTrvl_HwDeg_f32	654			
k_MinRackTrvl_HwDeg_f32	384.125			
k_MinResetAuthority_Uls_f32	0.30000012			
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992			
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0			
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	1			
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-384.125			
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005			
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150			
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	456.44101			
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986			
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0			
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	ne 123			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1100			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_	_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_C	nt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_	_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_l	HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f3	32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadp	S_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT			
Name	Actual Value	Expected Value	Resul	
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	•	
tgt LrnEOT Per1 CCWFound Cnt lgc.value	1	1		
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-864.122986	-864.122986 ± 0.0625	•	
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	•	
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	456.44101	456.44101 ± 0.0625	•	
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	456.44101	456.44101 ± 0.0625		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986	-864.122986 ± 0.0625		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0		
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	1	1	•	

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

Test Step 2.18 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	60
LrnEOT_CwEOTTimer_mS_M_u32	127
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.5
k_EOTLrnTimer_mS_u16	60
k_HwTrqEOTLrn_HwNm_f32	6.0999999
k_MaxRackTrvl_HwDeg_f32	432.001007
k_MinRackTrvl_HwDeg_f32	764.255981
k_MinResetAuthority_Uls_f32	0.5
k_MtrVelEOTLrn_MtrRadpS_f32	60.0019989
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.600000024
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-300.02301
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	6





Name	Input Value		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-800.526001		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	700.002014		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1440.10999		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
$tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTim$	4567		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	60		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	-
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-1440.10999	-1440.10999 ± 0.0625	-
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	✓
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	700.002014	700.002014 ± 0.0625	-
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	700.002014	700.002014 ± 0.0625	✓
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1440.10999	-1440.10999 ± 0.0625	✓
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	✓
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	✓
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	•
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	✓

Test Step 2.19 (Repeat Count = 1)	
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	60
LrnEOT_CwEOTTimer_mS_M_u32	127
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.5
k_EOTLrnTimer_mS_u16	60
k_HwTrqEOTLrn_HwNm_f32	6.0999999
k_MaxRackTrvl_HwDeg_f32	432.001007
k_MinRackTrvl_HwDeg_f32	764.255981
k_MinResetAuthority_Uls_f32	0.5
k_MtrVelEOTLrn_MtrRadpS_f32	60.0019989
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.600000024
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-300.02301
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	6
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-800.526001
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1440.10999
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-456.002991
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	4567
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	60
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32

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Name	Input Value		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-456.002991	-456.002991 ± 0.0625	✓
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	✓
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	1440.10999	1440.10999 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1440.10999	1440.10999 ± 0.0625	✓
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-456.002991	-456.002991 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	✓
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	•
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	✓

LrnEOT_Per1

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Test Case 3: Boundary Test

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LrnEOT_Per1



Specification

Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:

1410.00 cycles 1409.00 cycles 1409.00 cycles 1409.00 cycles 1409.00 cycles 1152.00 cycles TS3.1 TS3.1 TS3.2 TS3.3 TS3.4 TS3.5 TS3.6 TS3.7 TS3.8 TS3.9 TS3.10 1428.00 cycles
1428.00 cycles TS3.11 TS3.12 TS3.13 TS3.14 TS3.15 TS3.15 TS3.16 TS3.17 TS3.18 TS3.19 TS3.20 TS3.21 TS3.22 TS3.23 TS3.24 TS3.25 TS3.25 TS3.26 TS3.27 TS3.28 TS3.29 TS3.30 TS3.30 TS3.31 TS3.32 TS3.33 TS3.34 TS3.35 TS3.36 TS3.38 TS3.39 TS3.40 TS3.41 TS3.42 TS3.45 TS3.45 TS3.46 TS3.46 TS3.47 TS3.50 TS3.51 TS3.52 TS3.53 TS3.54 TS3.55 TS3.56 TS3.56 TS3.56 TS3.60 TS3.61 TS3.62 TS3.63 TS3.64 TS3.65 TS3.66 TS3.66





Description Vector Description:

TS3.1DiagStsHwPosDis_Cnt_lgc =min TS3.2DiagStsHwPosDis_Cnt_lgc= max TS3.2DlagStsrWPoSDIs_CII_gc= flax
TS3.3HandwheelAuthority_Uls_f32= min
TS3.4HandwheelAuthority_Uls_f32 = max
TS3.5HandwheelPosition_HwDeg_f32= mid
TS3.6HandwheelPosition_HwDeg_f32= min
TS3.7HandwheelPosition_HwDeg_f32= max
TS3.8HandwheelPosition_HwDeg_f32= zero IS3./HandwheelPosition_HwDeg_f32= max
TS3.8HandwheelPosition_HwDeg_f32= zero
TS3.9HandwheelPosition_HwDeg_f32= pos
TS3.10HandwheelPosition_HwDeg_f32 = neg
TS3.11HwTorque_HwNm_f32 = min
TS3.12HwTorque_HwNm_f32 = mid
TS3.13HwTorque_HwNm_f32 = mid
TS3.14HwTorque_HwNm_f32 = pos
TS3.15HwTorque_HwNm_f32 = neg
TS3.16MtrVelCRF_MtrRadpS_f32 = min
TS3.17MtrVelCRF_MtrRadpS_f32 = max
TS3.18MtrVelCRF_MtrRadpS_f32 = pos
TS3.19MtrVelCRF_MtrRadpS_f32 = pos
TS3.20MtrVelCRF_MtrRadpS_f32 = neg
TS3.21LrnEOT_ResetLimitReq_Cnt_M_lgc = min
TS3.22LrnEOT_ResetLimitReq_Cnt_M_lgc = max
TS3.23k_MinResetAuthority_Uls_f32 = min
TS3.25k_MinResetAuthority_Uls_f32 = min
TS3.25k_MaxRackTrvl_HwDeg_f32 = max
TS3.27k_MaxRackTrvl_HwDeg_f32 = min
TS3.27k_MaxRackTrvl_HwDeg_f32 = mid TS3.28k_MaxRackTrvl_HwDeg_f32 =mid TS3.29k AuthorityStartLrn Uls f32= min TS3.30k_AuthorityStartLrn_Uls f32 = max TS3.31k_AuthorityStartLrn_Uls f32 = mid TS3.32k MinRackTrvl HwDeg f32 =min TS3.33k_MinRackTrvl HwDeg f32 =max TS3.34k_MinRackTrvl HwDeg f32 =mid TS3.35CWEOTPosition_HwDeg_f32 =min TS3.36CWEOTPosition_HwDeg_f32= max TS3.37CWEOTPosition_HwDeg_f32 =mid TS3.3RCWEDTPOSITION—NWD9G_132=min
TS3.38CCWEOTPOSITION—HWD9G_132=min
TS3.39CCWEOTPOSITION—HWD9G_132=min
TS3.40CCWEOTPOSITION—HWNM_132=min
TS3.41k_HWTrqEOTLrn_HwNM_132=max
TS3.43k_HWTrqEOTLrn_HwNM_132=max
TS3.43k_HWTrqEOTLrn_HwNM_132=max TS3.44k_MtrVelEOTLrn_MtrRadpS_f32 =min TS3.45k_MtrVelEOTLrn_MtrRadpS_f32 =max TS3.46k_MtrVelEOTLrn_MtrRadpS_f32 =mid TS3.47k_EOTLrnTimer_mS_u16 =min TS3.48k EOTLmTimer mS_u16= max TS3.49k EOTLmTimer_mS_u16 = mid TS3.50CCWEOTFound_Cnt_lgc = min TS3.51CCWEOTFound_Cnt_lgc= max TS3.52CWEOTFound_Cnt_lgc=min TS3.53CWEOTFound Cnt lgc =max TS3.54CwEOTTimer_mS_M_u32= min TS3.55CwEOTTimer_mS_M_u32 =max TS3.56CwEOTTimer_mS_M_u32=mid TS3.57CcwEOTTimer_mS_M_u32= min TS3.58CcwEOTTimer_mS_M_u32= max TS3.59CcwEOTTimer_mS_M_u32 = mid TS3.60Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16= min TS3.61Rte Call SystemTime DtrmnElapsedTime mS u16 = max TS3.62Rte Call SystemTime DtrmnElapsedTime mS u16= pos TS3.63Rte Call SystemTime GetSystemTime mS u32 = min TS3.64Rte_Call_SystemTime_GetSystemTime_mS_u32 = max TS3.65Rte_Call_SystemTime_GetSystemTime_mS_u32 = mid TS3.67All max

Test Step 3.1 (Repeat Count = 1)			
Name	Input Value		
LrnEOT_CcwEOTTimer_mS_M_u32	60		
LrnEOT_CwEOTTimer_mS_M_u32	127		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.5		
k_EOTLrnTimer_mS_u16	60		
k_HwTrqEOTLrn_HwNm_f32	6.0999999		
k_MaxRackTrvl_HwDeg_f32	432.001007		
k_MinRackTrvl_HwDeg_f32	764.255981		
k_MinResetAuthority_Uls_f32	0.5		
k_MtrVelEOTLrn_MtrRadpS_f32	60.0019989		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.600000024		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-300.02301		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	6		

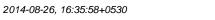




Name	Input Value		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-800.526001		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	700.002014		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-456.002991		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	4567		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	60		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	jc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	<u>f</u> 32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDe	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-456.002991	-456.002991 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	700.002014	700.002014 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	700.002014	700.002014 ± 0.0625	✓
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-456.002991	-456.002991 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	•
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

Test Step 3.2 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	600
LrnEOT_CwEOTTimer_mS_M_u32	1000
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.200000003
k_EOTLrnTimer_mS_u16	200
k_HwTrqEOTLrn_HwNm_f32	1.10000002
k_MaxRackTrvl_HwDeg_f32	375.256012
k_MinRackTrvl_HwDeg_f32	678.125
k_MinResetAuthority_Uls_f32	0.200000003
k_MtrVelEOTLrn_MtrRadpS_f32	150.102005
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	1
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.5
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	450
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	150.102005
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	532.122986
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-675.122986
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	276
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1000
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32





Name	Input Value		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-678.125	-678.125 ± 0.0625	✓
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	678.125	678.125 ± 0.0625	✓
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	678.125	678.125 ± 0.0625	✓
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-678.125	-678.125 ± 0.0625	✓
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✓

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

Test Step 3.3 (Repeat Count = 1)				
Name	Input Value			
LrnEOT_CcwEOTTimer_mS_M_u32	80			
LrnEOT_CwEOTTimer_mS_M_u32	457	157		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0			
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Dtr	gt Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16 ElapsedTime		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Ge	tSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT			
k_AuthorityStartLrn_Uls_f32	0.200000003			
k_EOTLrnTimer_mS_u16	200			
k_HwTrqEOTLrn_HwNm_f32	1.10000002			
k_MaxRackTrvl_HwDeg_f32	375.256012			
k_MinRackTrvl_HwDeg_f32	654			
k_MinResetAuthority_Uls_f32	0.20000003			
k_MtrVelEOTLrn_MtrRadpS_f32	150.102005			
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	1			
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0			
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	200.158005			
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002			
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	150.102005			
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	360.368988			
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-475.122986			
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1			
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTim	e 4526			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1000			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3	32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_I	gc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls	_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_Hw[Deg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f	32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT			
Name	Actual Value	Expected Value	Resul	
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0		
tgt LrnEOT Per1 CCWFound Cnt Igc.value	0	0		
tgt LrnEOT Per1 CCWPosition HwDeg f32.value	-654	-654 ± 0.0625	٠,	
tgt LrnEOT Per1 CWFound Cnt Igc.value	0	0		
tgt LrnEOT Per1 CWPosition HwDeg f32.value	654	654 ± 0.0625		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	654	654 ± 0.0625		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-654	-654 ± 0.0625	١,	
tgt Pim LearnedEOT.CWEOTFound Cnt lgc	0	0		
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	0	0		



T .				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte Call LrnEOT Per1 CP1 CheckpointReached	1	Rte Call LrnEOT Per1 CP1 CheckpointReached	1	✓

Test Step 3.4 (Repeat Count = 1)			✓
Name	Input Value		
LrnEOT_CcwEOTTimer_mS_M_u32	90		
LrnEOT_CwEOTTimer_mS_M_u32	222		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Dtrr	mnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Get	SystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.300000012		
k_EOTLrnTimer_mS_u16	300		
k_HwTrqEOTLrn_HwNm_f32	1.20000005		
k_MaxRackTrvl_HwDeg_f32	654		
k_MinRackTrvl_HwDeg_f32	764.255981		
k_MinResetAuthority_Uls_f32	0.300000012		
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	1		
tgt LrnEOT Per1 HandwheelPosition HwDeg f32.value	384.125		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005		
tgt LrnEOT Per1 MtrVelCRF MtrRadpS f32.value	-150		
tgt Pim LearnedEOT.CWEOTPosition HwDeg f32	456.44101		
tgt Pim LearnedEOT.CCWEOTPosition HwDeg f32	-864.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	1235		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1100		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_Igc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD	leg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	1	1	~
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-864.122986	-864.122986 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	654	654 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	654	654 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986	-864.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	•
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte Call LrnEOT Per1 CP1 CheckpointReached	1	Rte Call LrnEOT Per1 CP1 CheckpointReached	1	V

Test Step 3.5 (Repeat Count = 1)	
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	100
LrnEOT_CwEOTTimer_mS_M_u32	333
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime





Name	Input Value			
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_Syste	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT			
k_AuthorityStartLrn_Uls_f32	0.600000024	0.60000024		
k_EOTLrnTimer_mS_u16	100	100		
k_HwTrqEOTLrn_HwNm_f32	1.20000005			
k_MaxRackTrvl_HwDeg_f32	764.255981			
k_MinRackTrvl_HwDeg_f32	375.256012			
k_MinResetAuthority_Uls_f32	0.100000001			
k_MtrVelEOTLrn_MtrRadpS_f32	275.119995			
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0			
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.69999988			
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	264.15799			
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002			
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-274			
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	567.783997			
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-485.122986			
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1			
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_Elapsed	dTime 276			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime_ms_	ne 900			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_Igc	tgt_LrnEOT_Per1_CCWFound_	Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition	n_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_C	nt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_	HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPo	osDis_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAi	uthority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPo	osition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_H	lwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_M	MtrRadpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT			
Name	Actual Value	Expected Value	Resul	
LrnEOT ResetLimitReq Cnt M Igc	0	0		
tgt LrnEOT Per1 CCWFound Cnt lgc.value	0	0		
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-485.122986	-485.122986 ± 0.0625		
tgt_trnEOT_Per1_CWFound_Cnt_lgc.value	1	1		
tgt_trnEOT_Per1_CWPosition_HwDeg_f32.value	567.783997	567.783997 ± 0.0625	•	
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	567.783997	567.783997 ± 0.0625		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-485.122986	-485.122986 ± 0.0625		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1		
tgt Pim LearnedEOT.CCWEOTFound Cnt lgc	0	0		

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	-

Test Step 3.6 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	200
LrnEOT_CwEOTTimer_mS_M_u32	444
LrnEOT_ResetLimitReq_Cnt_M_lgc	1
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.100000001
k_EOTLrnTimer_mS_u16	22
k_HwTrqEOTLrn_HwNm_f32	2.0999999
k_MaxRackTrvl_HwDeg_f32	450.225006
k_MinRackTrvl_HwDeg_f32	654
k_MinResetAuthority_Uls_f32	0.100000001
k_MtrVelEOTLrn_MtrRadpS_f32	200.102005
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.899999976
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-900
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.29999995
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	345.122986
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	678.887024
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-786.255981

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Name	Input Value		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	1667		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	200		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	<u>f</u> 32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	•
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-654	-654 ± 0.0625	-
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	654	654 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	654	654 ± 0.0625	•
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-654	-654 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	•
tgt Pim LearnedEOT.CCWEOTFound Cnt lgc	0	0	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	✓
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	✓
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	-



Test Step 3.7 (Repeat Count = 1)			✓
Name	Input Value		
LmEOT CcwEOTTimer mS M u32	300		
LrnEOT CwEOTTimer mS M u32	555		
LrnEOT ResetLimitReg Cnt M lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt Rte Call Ap LrnEOT SystemTime Dtr	mnElapsedTime mS u16 ElapsedTime	
Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Ge		
Rte Inst Ap LrnEOT	tgt Rte Inst Ap LrnEOT		
k AuthorityStartLrn Uls f32	0.200000003		
k EOTLrnTimer mS u16	33		
k HwTrqEOTLrn HwNm f32	3.20000005		
k MaxRackTrvl HwDeg f32	650.255981		
k MinRackTrvl HwDeg f32	423.119995		
k MinResetAuthority UIs f32	0.200000003		
k MtrVelEOTLrn MtrRadpS f32	300.235992		
tgt LrnEOT Per1 DiagStsHwPosDis Cnt Igc.value	1		
tgt LrnEOT Per1 HandwheelAuthority Uls f32.value	0.100000001		
tgt LrnEOT Per1 HandwheelPosition HwDeg f32.value	900		
tgt LrnEOT Per1 HwTorque HwNm f32.value	1.39999998		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-345.526001		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	366.122986		
tgt Pim LearnedEOT.CCWEOTPosition HwDeg f32	-535.36499		
tgt Pim LearnedEOT.CWEOTFound Cnt Igc	1		
tgt Pim LearnedEOT.CCWEOTFound Cnt lgc	0		
tgt Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16 ElapsedTime			
tgt Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32 CurrentTime	300		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt LrnEOT Per1 CCWFound Cnt lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3	32	
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 CWFound Cnt Igc	tgt LrnEOT Per1 CWFound Cnt Igc		
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 CWPosition HwDeg f32	tgt LrnEOT Per1 CWPosition HwDeg f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_I		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt LrnEOT Per1 HandwheelPosition HwD	_	
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 HwTorque HwNm f32	tgt LrnEOT Per1 HwTorque HwNm f32	9	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f:	32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT	-	
Name	Actual Value	Expected Value	Result
LrnEOT ResetLimitReg Cnt M lgc	0	0	-
tgt LrnEOT Per1 CCWFound Cnt Igc.value	0	0	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-423.119995	-423.119995 ± 0.0625	
tgt LrnEOT Per1 CWFound Cnt Igc.value	0	0	•
tgt LrnEOT Per1 CWPosition HwDeg f32.value	423.119995	423.119995 ± 0.0625	
tgt Pim LearnedEOT.CWEOTPosition HwDeg f32	423.119995	423.119995 ± 0.0625	•
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-423.119995	-423.119995 ± 0.0625	
tgt Pim LearnedEOT.CWEOTFound Cnt Igc	0	0	_
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	✓
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	✓

Test Step 3.8 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	400
LrnEOT_CwEOTTimer_mS_M_u32	666
LrnEOT_ResetLimitReq_Cnt_M_lgc	1
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.300000012
k_EOTLrnTimer_mS_u16	44
k_HwTrqEOTLrn_HwNm_f32	4.5
k_MaxRackTrvl_HwDeg_f32	450.10199
k_MinRackTrvI_HwDeg_f32	734.012024
k_MinResetAuthority_UIs_f32	0.300000012
k_MtrVelEOTLrn_MtrRadpS_f32	400.011993
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0

 $LrnEOT_ResetLimitReq_Cnt_M_lgc$

tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value

tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value

 $tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value$

tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32

tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc

 $\label{total_continuity} $$ $tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32$ $$ tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc $$$



LmEOT_Per1	, 70.30.0010000	Razon	"At
Name	Input Value		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.200000003		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	0		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.5		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	456.526001		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	554.012024		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-574.252991		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	276		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	400		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	С	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	f32	
tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDe	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3:	2	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result

0

0

0

-734.012024 ± 0.0625

734.012024 ± 0.0625

734.012024 ± 0.0625

-734.012024 ± 0.0625

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	✓
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	•

-734.012024

734.012024

734.012024

-734.012024

0

0

Test Step 3.9 (Repeat Count = 1)	·
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	500
LrnEOT_CwEOTTimer_mS_M_u32	522
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.600000024
k_EOTLrnTimer_mS_u16	100
k_HwTrqEOTLrn_HwNm_f32	1.20000005
k_MaxRackTrvl_HwDeg_f32	764.255981
k_MinRackTrvl_HwDeg_f32	845.012024
k_MinResetAuthority_Uls_f32	0.100000001
k_MtrVelEOTLrn_MtrRadpS_f32	275.119995
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.69999988
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	400.049988
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-274
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	766.122986
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-485.122986
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
$tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTim$	1235
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	900
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc

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Name	Input Value		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAi	uthority_Uls_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPe	osition_HwDeg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_H	wNm_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_M	MtrRadpS_f32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✓
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-764.255981	-764.255981 ± 0.06425 Q	✓
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	✓
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value			



T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte Call LrnEOT Per1 CP1 CheckpointReached	1	Rte Call LrnEOT Per1 CP1 CheckpointReached	1	✓

Test Step 3.11 (Repeat Count = 1)			✓	
Name	Input Value			
LrnEOT_CcwEOTTimer_mS_M_u32	700			
LrnEOT_CwEOTTimer_mS_M_u32	1235			
LrnEOT_ResetLimitReq_Cnt_M_lgc	0			
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Dtrr	mnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Get	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT			
k_AuthorityStartLrn_Uls_f32	0.600000024			
k_EOTLrnTimer_mS_u16	77			
k_HwTrqEOTLrn_HwNm_f32	7.5			
k_MaxRackTrvl_HwDeg_f32	650.789001			
k_MinRackTrvl_HwDeg_f32	789.562988			
k_MinResetAuthority_Uls_f32	0.600000024			
k_MtrVelEOTLrn_MtrRadpS_f32	700.10199			
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	1			
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.5			
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	600.236023			
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	-8.80000019			
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-567.10199			
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	863.112			
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-750.36499			
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1			
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	376			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	700			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3:	2		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	gc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD	eg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT			
Name	Actual Value	Expected Value	Result	
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~	
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✓	
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-789.562988	-789.562988 ± 0.0625	~	
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	~	
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	789.562988	789.562988 ± 0.0625	~	
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	789.562988	789.562988 ± 0.0625	~	
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-789.562988	-789.562988 ± 0.0625	~	
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~	
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~	

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	•
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte Call LrnEOT Per1 CP1 CheckpointReached	1	Rte Call LrnEOT Per1 CP1 CheckpointReached	1	-

Test Step 3.12 (Repeat Count = 1)		
Name	Input Value	
LrnEOT_CcwEOTTimer_mS_M_u32	800	
LrnEOT_CwEOTTimer_mS_M_u32	256	
LrnEOT_ResetLimitReq_Cnt_M_lgc	1	
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	





Name	Input Value		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_G	etSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.69999988		
k_EOTLrnTimer_mS_u16	88		
k_HwTrqEOTLrn_HwNm_f32	8.39999962		
k_MaxRackTrvl_HwDeg_f32	750.325989		
k_MinRackTrvl_HwDeg_f32	876.252991		
k_MinResetAuthority_UIs_f32	0.69999988		
k_MtrVelEOTLrn_MtrRadpS_f32	800.236023		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.600000024		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-600.236023		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	8.80000019		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	678.526001		
tgt Pim LearnedEOT.CWEOTPosition HwDeg f32	711.10199		
tgt Pim LearnedEOT.CCWEOTPosition HwDeg f32	-850.252991		
tgt Pim LearnedEOT.CWEOTFound Cnt Igc	0		
tgt Pim LearnedEOT.CCWEOTFound Cnt lgc	1		
tgt Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16 ElapsedTi	me 753		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	800		
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 CCWFound Cnt Igc	tgt LrnEOT Per1 CCWFound Cnt lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg	f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT_LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f3	2	
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 DiagStsHwPosDis Cnt Igc	tgt LrnEOT Per1 DiagStsHwPosDis Cnt	Igc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_U	ls_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_Hw	/Deg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_	f32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Resul
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	,
tgt LrnEOT Per1 CCWFound Cnt lgc.value	0	0	
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-876.252991	-876.252991 ± 0.0625	٠,
tgt LrnEOT Per1 CWFound Cnt Igc.value	0	0	
tgt LrnEOT Per1 CWPosition HwDeg f32.value	876.252991	876.252991 ± 0.0625	٠,
tgt Pim LearnedEOT.CWEOTPosition HwDeg f32	876.252991	876.252991 ± 0.0625	
tgt Pim LearnedEOT.CCWEOTPosition HwDeg f32	-876.252991	-876.252991 ± 0.0625	٠,
tgt Pim LearnedEOT.CWEOTFound Cnt lgc	0	0	
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	0	0	١,

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	•
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	•
Rte Call LrnEOT Per1 CP1 CheckpointReached	1	Rte Call LrnEOT Per1 CP1 CheckpointReached	1	_

Test Step 3.13 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	900
LrnEOT_CwEOTTimer_mS_M_u32	2365
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.800000012
k_EOTLrnTimer_mS_u16	99
k_HwTrqEOTLrn_HwNm_f32	9.5
k_MaxRackTrvl_HwDeg_f32	850.122986
k_MinRackTrvl_HwDeg_f32	654
k_MinResetAuthority_Uls_f32	0.800000012
k_MtrVelEOTLrn_MtrRadpS_f32	900
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.699999988
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	700.021973
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	0
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-786.692993
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	600.122986

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Name	Input Value		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-950.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	378		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	900		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3:	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-950.122986	-950.122986 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	600.122986	600.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	600.122986	600.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-950.122986	-950.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	✓
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✓

Т				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	✓
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	•



Test Step 3.14 (Repeat Count = 1)	Innua Walna		
Name	Input Value		
LrnEOT_CcwEOTTimer_mS_M_u32	10		
LrnEOT_CwEOTTimer_mS_M_u32	3000		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
$Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)$	· - ·	ime_DtrmnElapsedTime_mS_u16_ElapsedTi	
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)		ime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.899999976		
k_EOTLrnTimer_mS_u16	111		
k_HwTrqEOTLrn_HwNm_f32	10		
k_MaxRackTrvl_HwDeg_f32	545.638977		
k_MinRackTrvI_HwDeg_f32	375.256012		
k_MinResetAuthority_Uls_f32	0.899999976		
k_MtrVelEOTLrn_MtrRadpS_f32	11.1020002		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	1		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.800000012		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-700.002014		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	5.05000019		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	535.692993		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	454.011993		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1050.25305		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
$tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_ms_u16_ElapsedTim$	me 563		
$tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	10		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt	_lgc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_Hv	wDeg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_l	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_Hwl	Deg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosD	is_Cnt_lgc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAutho	ority_Uls_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPositi	on_HwDeg_f32	
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 HwTorque HwNm f32	tgt LrnEOT Per1 HwTorque HwNi	m f32	
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 MtrVelCRF MtrRadpS f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrR	RadpS f32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Resu
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	
tgt LrnEOT Per1 CCWFound Cnt Igc.value	0	0	
tgt LrnEOT Per1 CCWPosition HwDeg f32.value	-375.256012	-375.256012 ± 0.0625	
tgt LrnEOT Per1 CWFound Cnt Igc.value	0	0	
tgt_trnEOT_Per1_CWPosition_HwDeg_f32.value	375.256012	375.256012 ± 0.0625	
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	375.256012	375.256012 ± 0.0625	
tgt Pim LearnedEOT.CCWEOTPosition HwDeg f32	-375.256012	-375.256012 ± 0.0625	
tgt Pim LearnedEOT.CWEOTFound Cnt Igc	0	0	
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	0	0	

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Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte Call LrnEOT Per1 CP1 CheckpointReached	1	Rte Call LrnEOT Per1 CP1 CheckpointReached	1	✓

Test Step 3.15 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	20
LrnEOT_CwEOTTimer_mS_M_u32	1235
LrnEOT_ResetLimitReq_Cnt_M_lgc	1
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.100000001
k_EOTLrnTimer_mS_u16	222
k_HwTrqEOTLrn_HwNm_f32	1.5
k_MaxRackTrvl_HwDeg_f32	675.15802
k_MinRackTrvl_HwDeg_f32	654
k_MinResetAuthority_Uls_f32	0.100000001
k_MtrVelEOTLrn_MtrRadpS_f32	22.0119991
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0



Name	Input Value		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.89999976		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	800.122986		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	-5.01999998		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-274.692993		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	466.122986		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-450.256012		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	487		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	20		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD	leg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-654	-654 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	654	654 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	654	654 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-654	-654 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

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Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

Test Step 3.16 (Repeat Count = 1)	🗸
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	80
LrnEOT_CwEOTTimer_mS_M_u32	300
LrnEOT_ResetLimitReq_Cnt_M_lgc	1
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.300000012
k_EOTLrnTimer_mS_u16	88
k_HwTrqEOTLrn_HwNm_f32	7.5
k_MaxRackTrvl_HwDeg_f32	753.10199
k_MinRackTrvl_HwDeg_f32	654
k_MinResetAuthority_Uls_f32	0.200000003
k_MtrVelEOTLrn_MtrRadpS_f32	88.2360001
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.600000024
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	345.526001
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.5999999
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-1100
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	500.122986
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-600.36499
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
$tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTim$	855
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	80
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc



Name	Input Value			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDe	eg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	2		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT			
Name	Actual Value	Expected Value	Result	
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~	
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	•	
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-654	-654 ± 0.0625	~	
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	✓	
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	654	654 ± 0.0625	~	
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	654	654 ± 0.0625	~	
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-654	-654 ± 0.0625	~	
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	•	
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	•	

Т				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	✓
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	-

Test Step 3.17 (Repeat Count = 1) Name	Input Value			
	90			
LrnEOT_CcwEOTTimer_mS_M_u32	4000			
LrnEOT_CWEOTTimer_mS_M_u32				
LrnEOT_ResetLimitReq_Cnt_M_lgc	0 tgt Rte Call Ap LmEOT SystemTime DtrmnElapsedTime mS u16 ElapsedTime			
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)				
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime			
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT 0.400000006			
k_AuthorityStartLrn_Uls_f32 k_EOTLrnTimer_mS_u16	99			
	8.30000019			
k_HwTrqEOTLrn_HwNm_f32 k_MaxRackTrvI_HwDeg_f32	856.369019			
k MinRackTrvl HwDeg f32	764.255981			
k MinResetAuthority Uls f32	0.300000012			
k_MtrVelEOTLrn_MtrRadpS_f32	99.1019974			
tgt LrnEOT Per1 DiagStsHwPosDis Cnt Igc.value	1			
tgt_thtEOT_Per1_blagstsriwrosbis_crit_gc.value	0.69999988			
tgt_InEOT_Per1_HandwheelAuthonty_Ois_132.value	-345.153992			
tgt_tnEOT_Per1_Hairdwheer osition_Hwbeg_isz.value	2.70000005			
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	1100			
tgt Pim LearnedEOT.CWEOTPosition HwDeg f32	654.012024			
tgt Pim LearnedEOT.CCWEOTPosition HwDeg f32	-700.252991			
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0			
tgt Pim LearnedEOT.CCWEOTFound Cnt lgc	1			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime				
tgt Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32 CurrentTime	90			
tgt_Rte_Inst_Ap_LrnEOT_LrnEOT_Per1_CCWFound_Cnt_Igc	tgt LrnEOT Per1 CCWFound Cnt lgc			
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 CCWPosition HwDeg f32	tgt LrnEOT Per1 CCWPosition HwDeg	f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt LrnEOT Per1 CWFound Cnt Igc			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt LrnEOT Per1 CWPosition HwDeg f	32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cn			
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 HandwheelAuthority Uls f32	tgt LrnEOT Per1 HandwheelAuthority U			
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 HandwheelPosition HwDeg f32	tgt LrnEOT Per1 HandwheelPosition H	wDeg f32		
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 HwTorque HwNm f32	tgt LrnEOT Per1 HwTorque HwNm f32			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS	f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT			
Name	Actual Value	Expected Value	Resul	
LrnEOT ResetLimitReq Cnt M lgc	0	0		
tgt LrnEOT Per1 CCWFound Cnt lgc.value	0	0		
tgt LrnEOT Per1 CCWPosition HwDeg f32.value	-764.255981	-764.255981 ± 0.0625		
tgt LrnEOT Per1 CWFound Cnt Igc.value	0	0		
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	764.255981	764.255981 ± 0.0625		
tgt Pim LearnedEOT.CWEOTPosition HwDeg f32	764.255981	764.255981 ± 0.0625		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-764.255981	-764.255981 ± 0.0625		
tgt Pim LearnedEOT.CWEOTFound Cnt lgc	0	0		
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	0	0		



T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte Call LrnEOT Per1 CP1 CheckpointReached	1	Rte Call LrnEOT Per1 CP1 CheckpointReached	1	✓

Test Step 3.18 (Repeat Count = 1)			
Name	Input Value		
LrnEOT_CcwEOTTimer_mS_M_u32	100		
LrnEOT_CwEOTTimer_mS_M_u32	700		
LrnEOT_ResetLimitReq_Cnt_M_lgc	1		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Get	SystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.5		
k_EOTLrnTimer_mS_u16	100		
k_HwTrqEOTLrn_HwNm_f32	9.30000019		
k_MaxRackTrvl_HwDeg_f32	955.335999		
k_MinRackTrvl_HwDeg_f32	375.256012		
k_MinResetAuthority_Uls_f32	0.40000006		
k_MtrVelEOTLrn_MtrRadpS_f32	10.0120001		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.800000012		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	456.10199		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.79999995		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	0		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	866.122986		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-700.10199		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	127		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	100		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-375.256012	-375.256012 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	375.256012	375.256012 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	375.256012	375.256012 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-375.256012	-375.256012 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

Т				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	•
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	✓
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

Test Step 3.19 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	200
LrnEOT_CwEOTTimer_mS_M_u32	800
LrnEOT_ResetLimitReq_Cnt_M_lgc	0





Name	Input Value		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Dtrr	nnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Get	SystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	tgt Rte Inst Ap LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.600000024		
k_EOTLrnTimer_mS_u16	200		
k_HwTrqEOTLrn_HwNm_f32	1.20000005		
k_MaxRackTrvl_HwDeg_f32	464.002014		
k_MinRackTrvl_HwDeg_f32	764.255981		
k_MinResetAuthority_Uls_f32	0.5		
k_MtrVelEOTLrn_MtrRadpS_f32	20.1019993		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	1		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.89999976		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-456.562988		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.9000001		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	500.25		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	784.122986		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-800.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	654		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	200		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-764.255981	-764.255981 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	764.255981	764.255981 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	764.255981	764.255981 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-764.255981	-764.255981 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0 0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	✓
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

Test Step 3.20 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	300
LrnEOT_CwEOTTimer_mS_M_u32	4567
LrnEOT_ResetLimitReq_Cnt_M_lgc	1
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.699999988
k_EOTLrnTimer_mS_u16	300
k_HwTrqEOTLrn_HwNm_f32	2.5
k_MaxRackTrvl_HwDeg_f32	526.002014
k_MinRackTrvl_HwDeg_f32	375.256012
k_MinResetAuthority_UIs_f32	0.600000024
k_MtrVelEOTLrn_MtrRadpS_f32	30.2360001
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.100000001
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	567.692993
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	3
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-500.75
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	444.02301

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Name	Input Value		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-800.252991		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	457		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	300		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	c	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3.	2	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-375.256012	-375.256012 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	375.256012	375.256012 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	375.256012	375.256012 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-375.256012	-375.256012 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

Т				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	✓
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	✓
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

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Test Step 3.21 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	900
LrnEOT_CwEOTTimer_mS_M_u32	4321
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.400000006
k_EOTLrnTimer_mS_u16	900





Name	Input Value		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.800000012		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-150.369003		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.3999998		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	123.526001		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	766.122986		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-600.36499		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	333		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	10		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-764.255981	-764.255981 ± 0.0625	✓
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	764.255981	764.255981 ± 0.0625	✓
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	764.255981	764.255981 ± 0.0625	✓
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-764.255981	-764.255981 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✓
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

Τ			✓	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

Test Step 3.23 (Repeat Count = 1)	
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	487
_rnEOT_CwEOTTimer_mS_M_u32	1235
_rnEOT_ResetLimitReq_Cnt_M_lgc	1
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
_AuthorityStartLrn_Uls_f32	0.600000024
z_EOTLrnTimer_mS_u16	60
_HwTrqEOTLrn_HwNm_f32	7.30000019
_MaxRackTrvl_HwDeg_f32	457.02301
_MinRackTrvl_HwDeg_f32	375.256012
_MinResetAuthority_Uls_f32	0
_MtrVelEOTLrn_MtrRadpS_f32	200.011993
gt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
gt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.89999976
gt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	250.125
gt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.5
gt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-123.157997
gt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	500.122986
gt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-700.252991
gt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
gt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
gt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	e 444
gt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	20
gt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
gt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
gt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
gt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
gt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc



Name	Input Value		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_Hw[Deg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f	32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-375.256012	-375.256012 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	375.256012	375.256012 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	375.256012	375.256012 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-375.256012	-375.256012 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

Τ			✓	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	✓
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	-

Name	Input Value		
LrnEOT CcwEOTTimer mS M u32	855		
LrnEOT CWEOTTimer mS M u32	276	1 ***	
LrnEOT ResetLimitReq Cnt M Igc	0		
Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16(ElapsedTime)	tgt Rte Call Ap LrnEOT SystemTime Dtr	mnFlansedTime mS u16 FlansedTime	a
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Ge		,
Rte Inst Ap LmEOT	tgt Rte Inst Ap LrnEOT		
k AuthorityStartLrn Uls f32	0.69999988		
k EOTLrnTimer mS u16	70		
k HwTrgEOTLrn HwNm f32	8.10000038		
k MaxRackTrvl HwDeg f32	784.255981		
k MinRackTrvl HwDeg f32	654		
k_MinResetAuthority_UIs_f32	1		
k_MtrVelEOTLrn_MtrRadpS_f32	300.10199		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	1		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.10000001		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-250.123993		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	234.695007		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	866.122986		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-700		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
$tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTim$	e 555		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	30		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3	32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_	lgc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls	_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_Hwl	Deg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f	32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Resul
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	•
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-654	-654 ± 0.0625	•
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	•
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	654	654 ± 0.0625	•
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	654	654 ± 0.0625	•
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-654	-654 ± 0.0625	•
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	•
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	0	0	



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Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte Call LrnEOT Per1 CP1 CheckpointReached	1	Rte Call LrnEOT Per1 CP1 CheckpointReached	1	✓

Test Step 3.25 (Repeat Count = 1)			V
Name	Input Value		
LrnEOT_CcwEOTTimer_mS_M_u32	543	543	
LrnEOT_CwEOTTimer_mS_M_u32	1667		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Dtrr	mnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Get	SystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.800000012		
k_EOTLrnTimer_mS_u16	80		
k_HwTrqEOTLrn_HwNm_f32	9.10000038		
k_MaxRackTrvl_HwDeg_f32	564.122986		
k_MinRackTrvl_HwDeg_f32	900		
k_MinResetAuthority_Uls_f32	0.5		
k_MtrVelEOTLrn_MtrRadpS_f32	400.011993		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.200000003		
tgt LrnEOT Per1 HandwheelPosition HwDeg f32.value	350		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002		
tgt LrnEOT Per1 MtrVelCRF MtrRadpS f32.value	-234.526001		
tgt Pim LearnedEOT.CWEOTPosition HwDeg f32	444.02301		
tgt Pim LearnedEOT.CCWEOTPosition HwDeg f32	-550.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	666		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	40		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt LrnEOT Per1 CCWFound Cnt lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt LrnEOT Per1 CCWPosition HwDeg f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	ус	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	1	1	~
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-550.122986	-550.122986 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	444.02301	444.02301 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	444.02301	444.02301 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-550.122986	-550.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	~

au				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	•
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte Call LrnEOT Per1 CP1 CheckpointReached	1	Rte Call LrnEOT Per1 CP1 CheckpointReached	1	V

Test Step 3.26 (Repeat Count = 1)	ullet
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	127
LrnEOT_CwEOTTimer_mS_M_u32	786
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime





Name	Input Value			
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Ge	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.600000024	0.600000024		
k_EOTLrnTimer_mS_u16	100	100		
k_HwTrqEOTLrn_HwNm_f32	1.20000005			
k_MaxRackTrvl_HwDeg_f32	360			
k_MinRackTrvl_HwDeg_f32	666.10199			
k_MinResetAuthority_UIs_f32	0.100000001			
k_MtrVelEOTLrn_MtrRadpS_f32	275.119995			
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0			
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.69999988			
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	264.15799			
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002			
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-274			
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	900.122986			
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-485.122986			
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0			
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	ne 522			
$tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	900			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3	2		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_I	gc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls	_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_Hw[0eg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f:	32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT			
Name	Actual Value	Expected Value	Result	
LrnEOT ResetLimitReq Cnt M lgc	0	0	~	
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	1	1	-	
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-485.122986	-485.122986 ± 0.0625	-	
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	•	
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	900.122986	900.122986 ± 0.0625	~	
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	900.122986	900.122986 ± 0.0625	•	
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-485.122986	-485.122986 ± 0.0625	~	
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✓	
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	~	

Т				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

Test Step 3.27 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	376
LrnEOT_CwEOTTimer_mS_M_u32	276
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.200000003
k_EOTLrnTimer_mS_u16	200
k_HwTrqEOTLrn_HwNm_f32	1.10000002
k_MaxRackTrvl_HwDeg_f32	1440
k_MinRackTrvl_HwDeg_f32	654
k_MinResetAuthority_UIs_f32	0.200000003
k_MtrVelEOTLrn_MtrRadpS_f32	150.102005
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.5
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	200.158005
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	150.102005
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	554.012024
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1175.12305





Name	Input Value		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	1000		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1000		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32	!	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	С	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3:	2	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	•
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-1175.12305	-1175.12305 ± 0.0625	•
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	654	654 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	654	654 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1175.12305	-1175.12305 ± 0.0625	•
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	•
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	•

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	✓

Name	Input Value		
LrnEOT CcwEOTTimer mS M u32	753		
LrnEOT CwEOTTimer mS M u32	1235		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Dtrr	mnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Get	SystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.300000012		
k_EOTLrnTimer_mS_u16	300		
k_HwTrqEOTLrn_HwNm_f32	1.20000005		
k_MaxRackTrvl_HwDeg_f32	450.519989		
k_MinRackTrvl_HwDeg_f32	654		
k_MinResetAuthority_Uls_f32	0.300000012		
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.40000006		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	566.122986		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
$tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime$	1235		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1100		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD	leg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Resul
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	•

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Name	Actual Value	Expected Value	Result
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	1	1	~
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-864.122986	-864.122986 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	566.122986	566.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	566.122986	566.122986 ± 0.0625	✓
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986	-864.122986 ± 0.0625	✓
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✓
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	✓

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	✓
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	•

	1 (34)		
ame	Input Value		
rnEOT_CcwEOTTimer_mS_M_u32	378		
rnEOT_CwEOTTimer_mS_M_u32	276		
rnEOT_ResetLimitReq_Cnt_M_lgc	0		
te_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	· - ·	Fime_DtrmnElapsedTime_mS_u16_ElapsedT	
te_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)		Fime_GetSystemTime_mS_u32_CurrentTime	
te_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
_AuthorityStartLrn_Uls_f32	0		
_EOTLrnTimer_mS_u16	100		
_HwTrqEOTLrn_HwNm_f32	1.20000005		
_MaxRackTrvl_HwDeg_f32	764.255981		
_MinRackTrvl_HwDeg_f32	764.255981		
_MinResetAuthority_Uls_f32	0.100000001		
_MtrVeIEOTLrn_MtrRadpS_f32	275.119995		
t_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
t_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.69999988		
t_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	264.15799		
t_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002		
t_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-274		
t_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	784.122986		
t_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-485.122986		
t_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
t_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
t_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTin	me 256		
t_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	900		
t Rte Inst Ap LrnEOT.LrnEOT Per1 CCWFound Cnt Igc	tgt LrnEOT Per1 CCWFound Cnf	t lgc	
t Rte Inst Ap LrnEOT.LrnEOT Per1 CCWPosition HwDeg f32	tgt LrnEOT Per1 CCWPosition H	wDeg f32	
t Rte Inst Ap LrnEOT.LrnEOT Per1 CWFound Cnt Igc	tgt LrnEOT Per1 CWFound Cnt		
t Rte Inst Ap LrnEOT.LrnEOT Per1 CWPosition HwDeg f32	tgt LrnEOT Per1 CWPosition Hw	•	
t Rte Inst Ap LrnEOT.LrnEOT Per1 DiagStsHwPosDis Cnt Igc	tgt LrnEOT Per1 DiagStsHwPosD	·-	
t_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt LrnEOT Per1 HandwheelAutho	,	
t_Rte_Inst_Ap_LrnEOT.LmEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosit	·	
t_Rte_Inst_Ap_LrnEOT.LmEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwN		
t_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrF	_	
ıt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
lame	Actual Value	Expected Value	Resul
rnEOT_ResetLimitReq_Cnt_M_lgc	0	0	Resul
tt LrnEOT Per1 CCWFound Cnt lqc.value	0	0	
	-764.255981	-764,255981 ± 0.0625	
tt_trnEOT_Per1_CCWPosition_HwDeg_f32.value	-764.255981	-764.255981 ± 0.0625	
tt_trnEOT_Per1_CWFound_Cnt_lgc.value			
t_LrnEOT_Per1_CWPosition_HwDeg_f32.value	784.122986	784.122986 ± 0.0625	
t_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	784.122986	784.122986 ± 0.0625	
t_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-764.255981	-764.255981 ± 0.0625	
tt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc tt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	`

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~



Test Step 3.30 (Repeat Count = 1)			✓
Name	Input Value		
LmEOT_CcwEOTTimer_mS_M_u32	563		
LmEOT_CwEOTTimer_mS_M_u32	376		
LrnEOT ResetLimitReq Cnt M Igc	0		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Dtrn	nnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Get	SystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	1		
k_EOTLrnTimer_mS_u16	200		
k_HwTrqEOTLrn_HwNm_f32	1.10000002		
k_MaxRackTrvl_HwDeg_f32	375.256012		
k_MinRackTrvl_HwDeg_f32	654		
k_MinResetAuthority_Uls_f32	0.200000003		
k_MtrVelEOTLrn_MtrRadpS_f32	150.102005		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.5		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	200.158005		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	150.102005		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	444.02301		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-368.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	2365		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1000		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f33	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	<u>f</u> 32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	1	1	•
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-368.122986	-368.122986 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	•
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	444.02301	444.02301 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	444.02301	444.02301 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-368.122986	-368.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	✓
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte Call LrnEOT Per1 CP1 CheckpointReached	1	Rte Call LrnEOT Per1 CP1 CheckpointReached	1	~

Test Step 3.31 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	487
LrnEOT_CwEOTTimer_mS_M_u32	753
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.5
k_EOTLrnTimer_mS_u16	300
k_HwTrqEOTLrn_HwNm_f32	1.20000005
k_MaxRackTrvl_HwDeg_f32	654
k_MinRackTrvl_HwDeg_f32	764.255981





Name	Input Value		
k_MinResetAuthority_Uls_f32	0.300000012		
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.40000006		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	566.122986		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	3000		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1100		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3:	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	<u>f</u> 32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-864.122986	-864.122986 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	566.122986	566.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	566.122986	566.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986	-864.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	•

Test Step 3.32 (Repeat Count = 1)	<u> </u>
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	200
LrnEOT_CwEOTTimer_mS_M_u32	378
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.600000024
k_EOTLrnTimer_mS_u16	100
k_HwTrqEOTLrn_HwNm_f32	1.20000005
k_MaxRackTrvl_HwDeg_f32	764.255981
k_MinRackTrvl_HwDeg_f32	360
k_MinResetAuthority_Uls_f32	0.100000001
k_MtrVelEOTLrn_MtrRadpS_f32	275.119995
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.69999988
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	264.15799
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-274
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1128.75
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-485.122986
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	1235
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	900
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc



Name	Input Value		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	1	1	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-485.122986	-485.122986 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	1128.75	1128.75 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1128.75	1128.75 ± 0.0625	✓
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-485.122986	-485.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✓
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	~

Τ			V	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	✓

Test Step 3.33 (Repeat Count = 1) Name	Input Value		
	300		
LrnEOT_CcwEOTTimer_mS_M_u32	563		
LrnEOT_CWEOTTimer_mS_M_u32			
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	El IT: 0 10 El IT:	
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Dtr		ne
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Ge	tsystem i ime_ms_u32_current i ime	
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_UIs_f32	0.200000003		
k_EOTLrnTimer_mS_u16	200		
k_HwTrqEOTLrn_HwNm_f32	1.10000002		
k_MaxRackTrvl_HwDeg_f32	375.256012		
k_MinRackTrvl_HwDeg_f32	1440		
k_MinResetAuthority_Uls_f32	0.200000003		
k_MtrVelEOTLrn_MtrRadpS_f32	150.102005		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.5		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	200.158005		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	150.102005		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1247.25		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-778.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
tgt Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16 ElapsedTime	300		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1000		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3	32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_	lgc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls	_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwI	Deg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f	32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt Pim LearnedEOT		
Name	Actual Value	Expected Value	Resul
LrnEOT ResetLimitReq Cnt M lgc	0	0	
tgt LrnEOT Per1 CCWFound Cnt Igc.value	0	0	•
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-778.122986	-778.122986 ± 0.0625	
tgt LrnEOT Per1 CWFound Cnt Igc.value	1	1	
tgt LrnEOT Per1 CWPosition HwDeg f32.value	1247.25	1247.25 ± 0.0625	
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1247.25	1247.25 ± 0.0625	
tgt Pim LearnedEOT.CCWEOTPosition HwDeg f32	-778.122986	-778.122986 ± 0.0625	
tgt Pim LearnedEOT.CWEOTFound Cnt lgc	1	1	

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Name	Actual Value	Expected Value	Result
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	•
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	•

Test Step 3.34 (Repeat Count = 1) ✓			V
Name	Input Value		
LrnEOT_CcwEOTTimer_mS_M_u32	400		
LrnEOT_CwEOTTimer_mS_M_u32	487		
LmEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Dtrr	nnElapsedTime mS u16 ElapsedTime	
Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32(CurrentTime)	tgt Rte Call Ap LrnEOT SystemTime Get		
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.300000012		
k EOTLmTimer mS u16	300		
k_HwTrqEOTLrn_HwNm_f32	1.20000005		
k MaxRackTrvl HwDeg f32	654		
k MinRackTrvI HwDeg f32	450.75		
k_MinResetAuthority_Uls_f32	0.300000012		
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.400000006		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1102.73999		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	4000		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1100		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	1	1	•
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-864.122986	-864.122986 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	1102.73999	1102.73999 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1102.73999	1102.73999 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986	-864.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	~

T ✓				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	✓

Test Step 3.35 (Repeat Count = 1)	
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	500





Name	Input Value			
LrnEOT_CwEOTTimer_mS_M_u32	855			
LrnEOT_ResetLimitReq_Cnt_M_lgc	0			
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime	tgt_Rte_Call_Ap_LrnEOT_System	Time_DtrmnElapsedTime_mS_u16_Elapsed	Time	
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_System	Time_GetSystemTime_mS_u32_CurrentTime	е	
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT			
k_AuthorityStartLrn_Uls_f32	0.899999976			
k_EOTLrnTimer_mS_u16	60			
k_HwTrqEOTLrn_HwNm_f32	9.10000038			
k_MaxRackTrvl_HwDeg_f32	423.119995			
k_MinRackTrvl_HwDeg_f32	764.255981			
k_MinResetAuthority_Uls_f32	0.899999976			
k_MtrVelEOTLrn_MtrRadpS_f32	55.012001			
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0			
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.300000012			
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-333.10199			
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	3.0999999			
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-274.235992			
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	360			
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-855.10199			
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1			
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_Elapsed	Time 700			
$tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u33_CurrentTime_m$	e 500			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cr	nt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_I	HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt	_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_Hv	vDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPos	Dis_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuth	nority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPos	ition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_Hwl	Nm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_Mtr	RadpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT			
Name	Actual Value	Expected Value	Resu	
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0		
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	,	
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-855.10199	-855.10199 ± 0.0625	•	
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1		
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	360	360 ± 0.0625	•	
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	360	360 ± 0.0625		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-855.10199	-855.10199 ± 0.0625	•	
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0		

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	•
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	•
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	•
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	•

Test Step 3.36 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	600
LrnEOT_CwEOTTimer_mS_M_u32	543
LrnEOT_ResetLimitReq_Cnt_M_lgc	1
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.100000001
k_EOTLrnTimer_mS_u16	70
k_HwTrqEOTLrn_HwNm_f32	1.10000002
k_MaxRackTrvl_HwDeg_f32	734.012024
k_MinRackTrvl_HwDeg_f32	375.256012
k_MinResetAuthority_UIs_f32	0.100000001
k_MtrVelEOTLrn_MtrRadpS_f32	66.1019974
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	1
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.40000006
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	444.222992
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	3.20000005





Name	Input Value		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	150		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1440.10999		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-555.255981		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
$tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTim$	800		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	600		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	jc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	<u>f</u> 32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDe	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	-
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	•
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-375.256012	-375.256012 ± 0.0625	-
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	•
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	375.256012	375.256012 ± 0.0625	-
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	375.256012	375.256012 ± 0.0625	•
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-375.256012	-375.256012 ± 0.0625	✓
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	•
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	✓
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	-
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	✓
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	•

Took Ston 2.27 (Bonnet Count = 4)	
Test Step 3.37 (Repeat Count = 1)	Input Value
	•
LrnEOT_CcwEOTTimer_mS_M_u32	700
LrnEOT_CwEOTTimer_mS_M_u32	127
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.200000003
k_EOTLrnTimer_mS_u16	80
k_HwTrqEOTLrn_HwNm_f32	2.0999999
k_MaxRackTrvl_HwDeg_f32	845.012024
k_MinRackTrvl_HwDeg_f32	654
k_MinResetAuthority_Uls_f32	0.200000003
k_MtrVelEOTLrn_MtrRadpS_f32	77.012001
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.5
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-444.692993
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	3.2999995
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150.526001
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	650.23999
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-666.36499
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	123
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	700
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32

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Name	Input Value		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCR	F_MtrRadpS_f32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-666.36499	-666.36499 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	✓
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	654	654 ± 0.0625	✓
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	654	654 ± 0.0625	✓
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-666.36499	-666.36499 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	•
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

Т				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

LmEOT_ResetLimitReq_Cnt_M_lgc 0 0 tgt_LmEOT_Per1_CCWFound_Cnt_lgc.value 0 0 tgt_LmEOT_Per1_CCWPosition_HwDeg_f32.value -764.255981 -764.255981 ± 0.0625 tgt_LmEOT_Per1_CWFound_Cnt_lgc.value 0 0 tgt_LmEOT_Per1_CWPosition_HwDeg_f32.value 764.255981 764.255981 ± 0.0625 tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 764.255981 764.255981 ± 0.0625	Test Step 3.38 (Repeat Count = 1)			
LimEOT_PersetLimiReq_N_M_SQ2		· ·		
LineOT_ResetLimitReq_Cnt_Migoral 1				
Re_Call_Ap_LmEOT_SystemTime_DtmmElapsedTime_mS_u16(ElapsedTime) tg_Re_Call_Ap_LmEOT_SystemTime_DtmmElapsedTime_mS_u16_ElapsedTime tg_Re_Call_Ap_LmEOT_SystemTime_GetSystemTime tg_Re_Call_Ap_LmEOT_SystemTime_GetSys		1 1		
RIRCall_Ap_LmEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime) tgl_Reinst_Ap_LmEOT tgl_Reinst_Ap_LmEOT_Pert_Dert_Inst_Ap_LmEOT_Ap_LmEOT_Pert_Dert_Inst_Ap_LmEOT_Ap_LmEOT_Pert_Dert_Inst_Ap_LmEOT_Ap_LmE				
Rie_Inst_Ap_LmEOT			-	
k_AuthorityStartLm_Uls_f32 0.5 k_EOTTmTimer_mS_u16 22 k_HAMTqEOTLM_HAWM_f32 5.0999999 k_MarkackTm_HwDeg_f32 678.125 k_MinRackTrol_HwDeg_f32 764.255981 k_MinRackTrol_HwDeg_f32 764.255981 k_MinResetAuthority_Uls_f32 0.5 k_MINEDOT_Pern_Hambors_F32 10.1020002 t_LmEOT_Pern_JeapSteHwPosbis_Cnt_lgc_value 0.800000012 tgl_LmEOT_Pern_HandwheelPostition_HwDeg_f32_value 666.255981 tgl_LmEOT_Pern_Hamborque_HwAm_f32_value 1.29999995 tgl_LmEOT_Pern_Hitrive(GRF_MirRadps_f32_value) 660.236023 tgl_Pmi_LearedEOT_CWEOTFostition_HwDeg_f32 755.19996 tgl_Pmi_LearedEOT_CWEOTFound_Cnt_lgc 0 tgl_Pmi_LearedEOT_CWEOTFound_Cnt_lgc 0 tgl_Pmi_LearedEOT_CWEOTFound_Cnt_lgc 0 tgl_Pmi_LearedEOT_CWEOTFound_Cnt_lgc 0 tgl_Pmi_LearedEOT_CWEOTFound_Cnt_lgc 0 tgl_Re_lan_Lan_L_mEOT_Ime_GetSystemTime_DimmElapsedTime_ms_u16_ElapsedTime_tsl 10 tgl_Re_lan_Lan_L_mEOT_Ime_GetSystemTime_Bet_lan_Lan_Lan_Lan_Lan_Lan_Lan_Lan_Lan_Lan_L			ne_GetSystemTime_mS_u32_CurrentTime	
REOTLMTIMER_MS_u16 22 22				
K_MRRACKTM_HWDeg_132	_ ·			
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K_MinRackTrvi_HwDeg_132				
K_MINResetAuthority_Uis_f32				
MinvelEoTLm_MtrRadps_f32	k_MinRackTrvl_HwDeg_f32			
International Control Inte	k_MinResetAuthority_UIs_f32	0.5		
St_LmEOT_Per1_HandwheelAuthority_Uls_f32.value	k_MtrVelEOTLrn_MtrRadpS_f32	10.1020002		
St_LmEOT_Perl_HandwheelPosition_HwDeg_132.value 1.29999995 1.299999995 1.299999995 1.299999995 1.299999995 1.299999995 1.299999995 1.299999995 1.299999995 1.2999999995 1.299999995 1.299999995 1.2999999999999999999999999999999999999	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc.value	1		
tgl_ImEOT_Perl_HwTorque_HwNm_f32.value 1.29999995 tgl_ImEOT_Perl_MIVelCRF_MIRAdpS_f32.value 600.236023 tgl_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 755.119995 tgl_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 -1440.10999 tgl_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc 0 tgl_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc 0 tgl_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc 0 tgl_Re_Call_Ap_LmEOT_systemTime_DtrnnElapsedTime_mS_u16_ElapsedTime tgl_Re_Call_Ap_LmEOT_SystemTime_GetBystemTime_mS_u32_CurrentTime 0 tgl_Re_Inst_Ap_LmEOT_ImEOT_Perl_CCWFound_Cnt_lgc 1 tgl_Re_Inst_Ap_LmEOT_LmEOT_Perl_CCWFound_Cnt_lgc 1 tgl_Re_Inst_Ap_LmEOT_LmEOT_Perl_CCWFound_Cnt_lgc 1 tgl_Re_Inst_Ap_LmEOT_LmEOT_Perl_CWPosition_HwDeg_f32 1 tgl_Re_Inst_Ap_LmEOT_LmEOT_Perl_CWPosition_HwDeg_f32 1 tgl_Re_Inst_Ap_LmEOT_LmEOT_Perl_CWPosition_HwDeg_f32 1 tgl_Re_Inst_Ap_LmEOT_LmEOT_Perl_DiagStsHwPosDis_Cnt_lgc 1 tgl_Re_Inst_Ap_LmEOT_LmEOT_Perl_DiagStsHwPosDis_Cnt_lgc 1 tgl_Re_Inst_Ap_LmEOT_LmEOT_Perl_HandwheelAuthority_Uis_f32 1 tgl_Re_Inst_Ap_LmEOT_LmEOT_Perl_HandwheelPosition_HwDeg_f32 1 tgl_Re_Inst_Ap_LmEOT_LmEOT_Perl_HandwheelPosition_HwDeg_f32 1 tgl_Re_Inst_Ap_LmEOT_LmEOT_Perl_HwTorque_HwNm_f32 1 tgl_Re_Inst_Ap_LmEOT_LmEOT_Perl_MVPRINE_f32 1 tgl_Re_Inst_Ap_LmEOT_Perl_MVPRINE_f33 1 tgl_Re_Inst_Ap_LmEOT_Perl_MVPRINE_f4 1 tgl_ImEOT_Perl_HwTorque_HwNm_f32 1 tgl_ImEOT_Perl_HwTorque_HwNm_f32 1 tgl_ImEOT_Perl_HwTorque_HwNm_f32 1 tgl_ImEOT_Perl_HwTorque_HwNm_f32 1 tgl_ImEOT_Perl_MtrvelCRF_MtrRadpS_f32 1 tgl_ImEOT_Perl_MtrvelCRF_MtrRadpS_f32 1 tgl_ImEOT_Perl_MtrvelCRF_MtrRadpS_f32 1 tgl_ImEOT_Perl_MtrvelCRF_MtrRadpS_f32 1 tgl_ImEOT_Perl_CWPosition_HwDeg_f32 2 tgl_ImEOT_Perl_CWPosition_HwDeg_f32 2 tgl_ImEOT_Perl_CWPosition_HwDeg_f32 2 tgl_ImEOT_Perl_CWPosition_HwDeg_f32 2 tgl_ImEOT_Perl_CWPosition_HwDeg_f32 2 tgl_ImEOT_Perl_CWPosition_HwDeg_f32 2 tgl_ImEOT_Perl_CWPosition_HwDeg_f32 764.255981 764.255981 764.255981 646.255981 764.255981 646.255981 764.255981 646.255981 646.255981 646.255981 646.255981 646.255981 646.255981 646.255981 646.255981 646.255981 646	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.800000012		
tgt_LmEOT_Perl_MtrVelCRF_MtrRadpS_f32 value	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	666.255981		
tg Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 755.119995	tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.29999995		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc 0 0 0 0 0 0 0 0 0	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-600.236023		
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tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc tgt_Rte_Call_Ap_LmEOT_SystemTime_DtmnElapsedTime_mS_u16_ElapsedTime tgt_Rte_Call_Ap_LmEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CCWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CCWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CCWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_CWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_MvTvelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT.Pim_LearnedEOT Name Actual Value Actual Value Expected Value Res LmEOT_Per1_CCWPosition_HwDeg_f32.value tgt_LmEOT_Per1_CCWPosition_HwDeg_f32.value free_Ter1_CCWPosition_HwDeg_f32.value free_Ter1_CCWPosition_HwDeg_f32.value free_Ter1_CCWPosition_HwDeg_f32.value free_Ter1_CWPosition_HwDeg_f32.value	tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1440.10999		
tgt_Rte_Call_Ap_LmEOT_SystemTime_DtrnnElapsedTime_mS_u16_ElapsedTime 456 tgt_Rte_Call_Ap_LmEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime 10 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_CCWFound_Cnt_lgc tgt_LmEOT_Per1_CCWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWFound_Cnt_lgc tgt_LmEOT_Per1_CWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWPosition_HwDeg_f32 tgt_LmEOT_Per1_CWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWPosition_HwDeg_f32 tgt_LmEOT_Per1_CWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_LmEOT_Per1_CWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HwTorque_HwNm_f32 tgt_LmEOT_Per1_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT.Pim_LearnedEOT tgt_Pim_LearnedEOT Name Actual Value Expected Value Res LmEOT_Per1_CCWFound_Cnt_lgc.value 0 0 tgt_LmEOT_Per1_CCWFound_Cnt_lgc.value 0 0 tgt_LmEOT_Per1_CWFootition_HwDeg_f32	tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Rte_Call_Ap_LmEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime 10 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CCWFound_Cnt_lgc tgt_LmEOT_Per1_CCWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CCWFound_Cnt_lgc tgt_LmEOT_Per1_CCWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWFound_Cnt_lgc tgt_LmEOT_Per1_CWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWPosition_HwDeg_f32 tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelAuthority_UIs_f32 tgt_LmEOT_Per1_HandwheelAuthority_UIs_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HwTorque_HwNm_f32 tgt_LmEOT_Per1_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT.Pim_LearnedEOT tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Pim_LearnedEOT.Pim_LearnedEOT tgt_Pim_LearnedEOT Name Actual Value Expected Value Res LmEOT_Per1_CCWFound_Cnt_lgc.value 0 0 0 0 0 0 0 0 0 0 1 </td <td>tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc</td> <td>0</td> <td></td> <td></td>	tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CCWFound_Cnt_lgc tgt_LmEOT_Per1_CCWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CCWPosition_HwDeg_f32 tgt_LmEOT_Per1_CCWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWFound_Cnt_lgc tgt_LmEOT_Per1_CWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWPosition_HwDeg_f32 tgt_LmEOT_Per1_CWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HwTorque_HwNm_f32 tgt_LmEOT_Per1_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT.Pim_LearnedEOT tgt_Pim_LearnedEOT Name Actual Value Expected Value Res LmEOT_Per1_CCWFound_Cnt_lgc.value 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedT	ime 456		
tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_CCWPosition_HwDeg_f32 tgt_LmEOT_Per1_CCWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_CWPound_Cnt_lgc tgt_LmEOT_Per1_CWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT.Pim_LearnedEOT tgt_Pim_LearnedEOT Name Actual Value Expected Value Res LmEOT_ResetLimitReq_Cnt_M_lgc 0 0 0 0 0 0 1 0 <	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	10		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LrnEOT.Prin_LearnedEOT Name Actual Value Expected Value Res LrnEOT_Per1_CWPosition_HwDeg_f32.value f64.255981 f64.255981	tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_I	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32 tgt_LrnEOT_Per1_HwTorque_HwNm_f32 tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT tgt_Pim_LearnedEOT Expected Value Res Name Actual Value Expected Value Res LrnEOT_ResetLimitReq_Cnt_M_lgc 0 0 0 tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value 0 0 0 tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value 0 0 0 tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value 0 0 0 tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value 0 0 0 tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value 0 0 0 tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value 764.255981 764.255981 ± 0.0625	tgt Rte Inst Ap LrnEOT.LrnEOT Per1 CCWPosition HwDeg f32	tgt LrnEOT Per1 CCWPosition Hwl	Deg f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32 tgt_LrnEOT_Per1_HwTorque_HwNm_f32 tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT tgt_Pim_LearnedEOT Expected Value Res Name Actual Value Expected Value Res LrnEOT_ResetLimitReq_Cnt_M_lgc 0 0 0 tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value 0 0 0 tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value 0 0 0 tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value 0 0 0 tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value 0 0 0 tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value 0 0 0 tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value 764.255981 764.255981 ± 0.0625	tgt Rte Inst Ap LrnEOT.LrnEOT Per1 CWFound Cnt Igc	tgt LrnEOT Per1 CWFound Cnt Igo	: :	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32 tgt_LrnEOT_Per1_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Pim_LearnedEOT tgt_Pim_LearnedEOT Name Actual Value Expected Value Res LrnEOT_ResetLimitReq_Cnt_M_lgc 0 0 0 tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value 0 0 0 tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value -764.255981 -764.255981 ± 0.0625 0 tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value 764.255981 764.255981 ± 0.0625 0 tgt_LrnEOT_Per1_CWPosition_HwDeg_f32 764.255981 764.255981 ± 0.0625 764.255981 ± 0.0625				
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32 tgt_LrnEOT_Per1_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Pim_LearnedEOT Expected Value Res LrnEOT_ResetLimitReq_Cnt_M_lgc 0 0 0 0 tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value 0 0 0 0 tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value -764.255981 -764.255981 ± 0.0625 0 tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value 764.255981 764.255981 ± 0.0625 0 tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value 764.255981 764.255981 ± 0.0625 0 tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 764.255981 764.255981 ± 0.0625 764.255981 ± 0.0625		tgt LrnEOT Per1 DiagStsHwPosDis	Cnt lqc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32 tgt_LrnEOT_Per1_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT Actual Value Expected Value Res Name Actual Value 0 </td <td></td> <td></td> <td></td> <td></td>				
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32 tgt_LrnEOT_Per1_HwTorque_HwNm_f32 tgt_LrnEOT_Per1_HwTorque_HwNm_f32 tgt_LrnEOT_Per1_HwTorque_HwNm_f32 tgt_LrnEOT_Per1_HwTorque_HwNm_f32 tgt_LrnEOT_Per1_HwTorque_HwNm_f32 tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LrnEOT_Per1_LrnEOT				
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT tgt_Pim_LearnedEOT Name Actual Value Expected Value Res LrnEOT_ResetLimitReq_Cnt_M_lgc 0 0 0 0 tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value 0 0 0 0 tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value -764.255981 -764.255981 ± 0.0625 0 tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value 0 0 0 0 tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value 764.255981 764.255981 ± 0.0625 0 tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 764.255981 764.255981 ± 0.0625 0				
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT tgt_Pim_LearnedEOT Name Actual Value Expected Value Res LrnEOT_ResetLimitReq_Cnt_M_lgc 0 0 0 0 0 0 10 0				
Name Actual Value Expected Value Res LmEOT_ResetLimitReq_Cnt_M_lgc 0 0 0 tgt_LmEOT_Per1_CCWFound_Cnt_lgc.value 0 0 0 tgt_LmEOT_Per1_CCWPosition_HwDeg_f32.value -764.255981 -764.255981 ± 0.0625 0 tgt_LmEOT_Per1_CWFound_Cnt_lgc.value 0 0 0 0 0 tgt_LmEOT_Per1_CWPosition_HwDeg_f32.value 764.255981 764.255981 ± 0.0625 0 0 tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 764.255981 764.255981 ± 0.0625 0 0			·	
LmEOT_ResetLimitReq_Cnt_M_lgc 0 0 0 tgt_LmEOT_Per1_CCWFound_Cnt_lgc.value 0 0 0 tgt_LmEOT_Per1_CCWPosition_HwDeg_f32.value -764.255981 -764.255981 ± 0.0625 tgt_LmEOT_Per1_CWFound_Cnt_lgc.value 0 0 0 tgt_LmEOT_Per1_CWPosition_HwDeg_f32.value 764.255981 764.255981 ± 0.0625 tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 764.255981 764.255981 ± 0.0625			Expected Value	Resu
tgt_LmEOT_Per1_CCWFound_Cnt_lgc.value 0 0 tgt_LmEOT_Per1_CCWPosition_HwDeg_f32.value -764.255981 -764.255981 ± 0.0625 tgt_LmEOT_Per1_CWFound_Cnt_lgc.value 0 0 tgt_LmEOT_Per1_CWPosition_HwDeg_f32.value 764.255981 764.255981 ± 0.0625 tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 764.255981 764.255981 ± 0.0625			The second secon	rtoou
tgt_LmEOT_Per1_CCWPosition_HwDeg_f32.value -764.255981 -764.255981 ± 0.0625 tgt_LmEOT_Per1_CWFound_Cnt_lgc.value 0 0 tgt_LmEOT_Per1_CWPosition_HwDeg_f32.value 764.255981 764.255981 ± 0.0625 tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 764.255981 764.255981 ± 0.0625		- I -		
tgt_LmEOT_Per1_CWFound_Cnt_lgc.value 0 0 tgt_LmEOT_Per1_CWPosition_HwDeg_f32.value 764.255981 764.255981 ± 0.0625 tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 764.255981 764.255981 ± 0.0625			-	
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value 764.255981 764.255981 ± 0.0625 tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 764.255981 ± 0.0625				
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 764.255981 764.255981 ± 0.0625		•		
		-764.255981	-764.255981 ± 0.0625	
02 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc 0	tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	



T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	•
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	•
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

Test Step 3.39 (Repeat Count = 1)			✓
Name	Input Value		
LmEOT CcwEOTTimer mS M u32	522		
LmEOT CwEOTTimer mS M u32	753		
LrnEOT ResetLimitReq Cnt M Igc	0		
Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16(ElapsedTime)	tgt Rte Call Ap LrnEOT SystemTime Dtrr	mnElapsedTime mS u16 ElapsedTime	
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Get	SystemTime mS u32 CurrentTime	
Rte Inst Ap LrnEOT	tgt Rte Inst Ap LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.600000024		
k_EOTLrnTimer_mS_u16	33		
k_HwTrqEOTLrn_HwNm_f32	6.19999981		
k_MaxRackTrvl_HwDeg_f32	789.562988		
k_MinRackTrvl_HwDeg_f32	375.256012		
k_MinResetAuthority_Uls_f32	0.600000024		
k_MtrVelEOTLrn_MtrRadpS_f32	20.2360001		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.89999976		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-666.012024		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.3999998		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	700.255981		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	464.011993		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-360		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	567		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	20		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lo	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	1	1	•
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-666.012024	-666.012024 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	464.011993	464.011993 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	464.011993	464.011993 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-666.012024	-666.012024 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	•
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte Call LrnEOT Per1 CP1 CheckpointReached	1	Rte Call LrnEOT Per1 CP1 CheckpointReached	1	✓

Test Step 3.40 (Repeat Count = 1)	
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	1000
LrnEOT_CwEOTTimer_mS_M_u32	378
LrnEOT_ResetLimitReq_Cnt_M_lgc	1





Name	Input Value		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Dtrr	nnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Get	SystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.69999988		
k_EOTLrnTimer_mS_u16	44		
k_HwTrqEOTLrn_HwNm_f32	7.80000019		
k_MaxRackTrvl_HwDeg_f32	876.252991		
k_MinRackTrvl_HwDeg_f32	654		
k_MinResetAuthority_Uls_f32	0.69999988		
k_MtrVelEOTLrn_MtrRadpS_f32	30.0119991		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	1		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.100000001		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	777.10199		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.5		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-700.255981		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	526.369019		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-550.25		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	678		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	30		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-654	-654 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	•
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	654	654 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	654	654 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-654	-654 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	•
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

Τ			✓	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	•
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	•
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	•

Test Step 3.41 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	1235
LrnEOT_CwEOTTimer_mS_M_u32	563
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.300000012
k_EOTLrnTimer_mS_u16	300
k_HwTrqEOTLrn_HwNm_f32	0
k_MaxRackTrvl_HwDeg_f32	654
k_MinRackTrvI_HwDeg_f32	423.119995
k_MinResetAuthority_UIs_f32	0.300000012
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.40000006
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150

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Name	Input Value		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	623.255981		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-475.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	2000		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1100		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_l	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls	_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD	0eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	1	1	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-475.122986	-475.122986 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	623.255981	623.255981 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	623.255981	623.255981 ± 0.0625	✓
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-475.122986	-475.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	~
tgt Pim LearnedEOT.CCWEOTFound Cnt lgc	1	1	✓

Τ			✓	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	✓
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte Call LrnEOT Per1 CP1 CheckpointReached	1	Rte Call LrnEOT Per1 CP1 CheckpointReached	1	~



Test Step 3.42 (Repeat Count = 1)			✓
Name	Input Value		
LmEOT CcwEOTTimer mS M u32	256		
LrnEOT CwEOTTimer mS M u32	487		
LrnEOT ResetLimitReq Cnt M lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Dtr	mnElapsedTime mS u16 ElapsedTime	
Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Ge		
Rte Inst Ap LrnEOT	tgt Rte Inst Ap LrnEOT	,	
k AuthorityStartLrn Uls f32	0.200000003		
k EOTLrnTimer mS u16	200		
k HwTrqEOTLrn HwNm f32	10		
k MaxRackTrvl HwDeg f32	375.256012		
k MinRackTrvl HwDeg f32	734.012024		
k MinResetAuthority Uls f32	0.200000003		
k MtrVelEOTLrn MtrRadpS f32	150.102005		
tgt LrnEOT Per1 DiagStsHwPosDis Cnt Igc.value	0		
tgt LrnEOT Per1 HandwheelAuthority Uls f32.value	0.5		
tqt LrnEOT Per1 HandwheelPosition HwDeq f32.value	200.158005		
tgt LrnEOT Per1 HwTorque HwNm f32.value	1.60000002		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	150.102005		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	745.455994		
tgt Pim LearnedEOT.CCWEOTPosition HwDeg f32	-864.122986		
tgt Pim LearnedEOT.CWEOTFound Cnt Igc	0		
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	0		
tgt Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16 ElapsedTim			
tgt Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32 CurrentTime	1000		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt LrnEOT Per1 CCWFound Cnt lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3	32	
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 CWFound Cnt Igc	tgt LrnEOT Per1 CWFound Cnt lgc		
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 CWPosition HwDeg f32	tgt LrnEOT Per1 CWPosition HwDeg f32	1	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt LrnEOT Per1 HandwheelPosition HwI	_	
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 HwTorque HwNm f32	tgt LrnEOT Per1 HwTorque HwNm f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f	32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT ResetLimitReg Cnt M lgc	0	0	-
tgt LrnEOT Per1 CCWFound Cnt Igc.value	0	0	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-864.122986	-864.122986 ± 0.0625	_
tgt LmEOT Per1 CWFound Cnt Igc.value	0	0	•
tgt LmEOT Per1 CWPosition HwDeg f32.value	745.455994	745.455994 ± 0.0625	•
tgt Pim LearnedEOT.CWEOTPosition HwDeg f32	745.455994	745.455994 ± 0.0625	•
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986	-864.122986 ± 0.0625	
tgt Pim LearnedEOT.CWEOTFound Cnt lgc	0	0	_
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	0	0	

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

Test Step 3.43 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	2365
LrnEOT_CwEOTTimer_mS_M_u32	855
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.300000012
k_EOTLrnTimer_mS_u16	300
k_HwTrqEOTLrn_HwNm_f32	5.28000021
k_MaxRackTrvl_HwDeg_f32	654
k_MinRackTrvl_HwDeg_f32	845.012024
k_MinResetAuthority_Uls_f32	0.300000012
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0



Name	Input Value		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.400000006		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	457.10199		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-456.256012		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	2000		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1100		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	c	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	<u>f</u> 32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDe	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	1	1	•
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-654	-654 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	•
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	654	654 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	654	654 ± 0.0625	•
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-654	-654 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	-
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	~

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

Test Step 3.44 (Repeat Count = 1)	🗸
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	3000
LrnEOT_CwEOTTimer_mS_M_u32	543
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.899999976
k_EOTLrnTimer_mS_u16	55
k_HwTrqEOTLrn_HwNm_f32	7.0999999
k_MaxRackTrvl_HwDeg_f32	654
k_MinRackTrvl_HwDeg_f32	678.125
k_MinResetAuthority_Uls_f32	0.899999976
k_MtrVelEOTLrn_MtrRadpS_f32	0
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.69999988
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	374.855988
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.5
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-234
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	784.14502
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-584.36499
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	532
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	90
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32

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Name	Input Value			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPos	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_Hw	/Nm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_Mt	trRadpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT			
Name	Actual Value	Expected Value	Result	
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✓	
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✓	
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-584.36499	-584.36499 ± 0.0625	✓	
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	✓	
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value				



T					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~	
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~	
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~	
Rte Call LrnEOT Per1 CP1 CheckpointReached	1	Rte Call LrnEOT Per1 CP1 CheckpointReached	1	V	

Test Step 3.46 (Repeat Count = 1)			✓	
Name	Input Value			
LrnEOT_CcwEOTTimer_mS_M_u32	300			
LrnEOT_CwEOTTimer_mS_M_u32	376			
LrnEOT_ResetLimitReq_Cnt_M_lgc	0			
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Get	:SystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT	gt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.200000003			
k_EOTLrnTimer_mS_u16	70			
k_HwTrqEOTLrn_HwNm_f32	9.30000019			
k MaxRackTrvl HwDeg f32	375.256012			
k MinRackTrvl HwDeg f32	876.252991			
k_MinResetAuthority_Uls_f32	0.69999988			
k_MtrVelEOTLrn_MtrRadpS_f32	500.850006			
tgt LrnEOT Per1 DiagStsHwPosDis Cnt Igc.value	0			
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.200000003			
tgt LrnEOT Per1 HandwheelPosition HwDeg f32.value	284.855988			
tgt_LmEOT_Per1_HwTorque_HwNm_f32.value	2.70000005			
tgt LrnEOT Per1 MtrVelCRF MtrRadpS f32.value	-345.15799			
tgt Pim LearnedEOT.CWEOTPosition HwDeg f32	376.987			
tgt Pim LearnedEOT.CCWEOTPosition HwDeg f32	-485.122986			
tgt Pim LearnedEOT.CWEOTFound Cnt Igc	0			
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	0			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	1			
tgt Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32 CurrentTime	200			
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 CCWFound Cnt Igc	tgt LrnEOT Per1 CCWFound Cnt lgc			
tgt Rte Inst Ap LmEOT.LmEOT Per1 CCWPosition HwDeg f32	tgt LrnEOT Per1 CCWPosition HwDeg f3	2		
tgt Rte Inst Ap LmEOT.LmEOT Per1 CWFound Cnt Igc	tgt LrnEOT Per1 CWFound Cnt Igc			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt LrnEOT Per1 DiagStsHwPosDis Cnt I			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls	-		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt LrnEOT Per1 HwTorque HwNm f32	-5		
tgt Rte Inst Ap LmEOT.LmEOT Per1 MtrVelCRF MtrRadpS f32	tgt_trnEOT_Per1_MtrVelCRF_MtrRadpS_f3	32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT	-		
Name	Actual Value	Expected Value	Result	
LrnEOT ResetLimitReq Cnt M lgc	0	0	~	
tgt LrnEOT Per1 CCWFound Cnt Igc.value	0	0	~	
tgt LrnEOT Per1 CCWPosition HwDeg f32.value	-485.122986	-485.122986 ± 0.0625	~	
tgt LrnEOT Per1 CWFound Cnt Igc.value	0	0	•	
tgt_LmEOT_Per1_CWPosition_HwDeg_f32.value	376.987	376.987 ± 0.0625	~	
tgt Pim LearnedEOT.CWEOTPosition HwDeg f32	376.987	376.987 ± 0.0625	~	
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-485.122986	-485.122986 ± 0.0625	~	
tgt Pim LearnedEOT.CWEOTFound Cnt Igc	0	0	•	
tgt Pim LearnedEOT.CCWEOTFound Cnt lgc	0	0	~	

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	•
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte Call LrnEOT Per1 CP1 CheckpointReached	1	Rte Call LrnEOT Per1 CP1 CheckpointReached	1	V

Test Step 3.47 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	4000
LrnEOT_CwEOTTimer_mS_M_u32	753
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime





Name	Input Value			
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_System	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.600000024	0.600000024		
k_EOTLrnTimer_mS_u16	0	0		
k_HwTrqEOTLrn_HwNm_f32	1.20000005	1.20000005		
k_MaxRackTrvl_HwDeg_f32	764.255981	764.255981		
k_MinRackTrvl_HwDeg_f32	654	654		
k_MinResetAuthority_UIs_f32	0.10000001			
k_MtrVelEOTLrn_MtrRadpS_f32	275.119995			
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0			
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.69999988			
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	264.15799			
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002			
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-274			
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	466.368988			
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-875.122986			
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1			
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedT	ime 532			
$tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	900			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cn	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_H	wDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_	<u>lgc</u>		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_Hw	Deg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosE	Dis_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuth	ority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosit	tion_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwN	lm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_Mtrl	RadpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT			
Name	Actual Value	Expected Value	Resul	
LrnEOT ResetLimitReq Cnt M Igc	0	0		
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	1	1		
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-875.122986	-875.122986 ± 0.0625		
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1		
tgt LrnEOT Per1 CWPosition HwDeg f32.value	654	654 ± 0.0625		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	654	654 ± 0.0625		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-875.122986	-875.122986 ± 0.0625		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1		
tgt Pim LearnedEOT.CCWEOTFound Cnt lgc	1	1		

Т				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	✓
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	✓

Test Step 3.48 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	700
LrnEOT_CwEOTTimer_mS_M_u32	378
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.200000003
k_EOTLrnTimer_mS_u16	10000
k_HwTrqEOTLrn_HwNm_f32	1.10000002
k_MaxRackTrvl_HwDeg_f32	375.256012
k_MinRackTrvl_HwDeg_f32	375.256012
k_MinResetAuthority_UIs_f32	0.200000003
k_MtrVelEOTLrn_MtrRadpS_f32	150.102005
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.5
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	200.158005
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	150.102005
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	800.122986
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986





Name	Input Value		
tgt Pim LearnedEOT.CWEOTFound Cnt Igc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	163		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1000		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	С	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-864.122986	-864.122986 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	800.122986	800.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	800.122986	800.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986	-864.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

T .				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	•
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte Call LrnEOT Per1 CP1 CheckpointReached	1	Rte Call LrnEOT Per1 CP1 CheckpointReached	1	•

Name	Input Value			
LmEOT CcwEOTTimer mS M u32	800			
LrnEOT CwEOTTimer mS M u32	563			
LrnEOT ResetLimitReq Cnt M lgc	0			
Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16(ElapsedTime)	tgt Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16 ElapsedTime			
Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32(CurrentTime)	tgt Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32 CurrentTime			
Rte Inst Ap LmEOT	tgt_Rte_Inst_Ap_LrnEOT	<i>,</i>		
k AuthorityStartLrn Uls f32	0.300000012			
k EOTLmTimer mS u16	300			
k_HwTrqEOTLrn_HwNm_f32	1.20000005			
k_MaxRackTrvl_HwDeg_f32	654			
k_MinRackTrvl_HwDeg_f32	654			
k_MinResetAuthority_Uls_f32	0.30000012			
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992			
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0			
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.40000006			
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125			
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005			
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150			
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	954.012024			
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-485.122986			
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0			
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0			
$tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTim$	ne 111			
$tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	1100			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3	2		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_I			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls	_		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwI	0eg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f	32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT			
Name	Actual Value	Expected Value	Resul	
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	•	

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Name	Actual Value	Expected Value	Result
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-654	-654 ± 0.0625	✓
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	954.012024	954.012024 ± 0.0625	✓
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	954.012024	954.012024 ± 0.0625	✓
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-654	-654 ± 0.0625	✓
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✓
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✓

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	•

Test Step 3.50 (Repeat Count = 1)			
Name	Input Value		
LrnEOT_CcwEOTTimer_mS_M_u32	4567		
LrnEOT_CwEOTTimer_mS_M_u32	487		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	· - ·	e_DtrmnElapsedTime_mS_u16_ElapsedTi	
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)		e_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.600000024		
k_EOTLrnTimer_mS_u16	100		
k_HwTrqEOTLrn_HwNm_f32	1.20000005		
k_MaxRackTrvl_HwDeg_f32	764.255981		
k_MinRackTrvl_HwDeg_f32	654		
k_MinResetAuthority_Uls_f32	0.100000001		
k_MtrVelEOTLrn_MtrRadpS_f32	275.119995		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.69999988		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	264.15799		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-274		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	766.122986		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-775.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTin	ne 532		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	900		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lg	ıc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwD	leg_f32	
tgt Rte Inst Ap LmEOT.LmEOT Per1 CWFound Cnt Igc	tgt LrnEOT Per1 CWFound Cnt Igc		
tgt Rte Inst Ap LmEOT.LmEOT Per1 CWPosition HwDeg f32	tgt LrnEOT Per1 CWPosition HwDe	g f32	
tgt Rte Inst Ap LmEOT.LmEOT Per1 DiagStsHwPosDis Cnt Igc	tgt LrnEOT Per1 DiagStsHwPosDis	Cnt lgc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt LrnEOT Per1 HandwheelAuthorite		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRac		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Resul
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	71000
tqt LrnEOT Per1 CCWFound Cnt lqc.value	0	0	
tgt LrnEOT Per1 CCWPosition HwDeg f32.value	-775.122986	-775.122986 ± 0.0625	
tgt_InEOT_Per1_CCWPosition_FiwDeg_I32.value	1	1	
tgt_triEOT_Fer1_CWPosition_HwDeg_f32.value	766.122986	766.122986 ± 0.0625	
tgt_InEOT_FetT_CWF0stitotT_mwbeg_i32.value	766.122986	766.122986 ± 0.0625	
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_132	-775.122986	-775.122986 ± 0.0625	
tgt_Pim_LearnedEOT.CCWEOTFostilon_nwbeg_isz	1	-773.122980 ± 0.0023	
tg iiiccamcaco1.owco11 ouiia_onc_igc	0	0	

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~



Test Step 3.51 (Repeat Count = 1)			V
Name	Input Value		
LmEOT_CcwEOTTimer_mS_M_u32	4321		
LmEOT_CwEOTTimer_mS_M_u32	855		
LmEOT ResetLimitReq Cnt M lgc	0		
Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Dtrn	nnElapsedTime mS u16 ElapsedTime	
Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32(CurrentTime)	tgt Rte Call Ap LrnEOT SystemTime Get		
Rte_Inst_Ap_LmEOT	tgt_Rte_Inst_Ap_LrnEOT		
k AuthorityStartLrn Uls f32	0.200000003		
k_EOTLrnTimer_mS_u16	200		
k_HwTrqEOTLrn_HwNm_f32	1.10000002		
k_MaxRackTrvl_HwDeg_f32	375.256012		
k MinRackTrvl HwDeg f32	764.255981		
k_MinResetAuthority_Uls_f32	0.20000003		
k_MtrVelEOTLrn_MtrRadpS_f32	150.102005		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.5		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	200.158005		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	150.102005		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	800.122986		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	163		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1000		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	jc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	<u>f</u> 32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDe	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	1	1	~
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-864.122986	-864.122986 ± 0.0625	•
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	800.122986	800.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	800.122986	800.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986	-864.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	✓
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	✓

Test Step 3.52 (Repeat Count = 1)	· · · · · · · · · · · · · · · · · · ·
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	4526
LrnEOT_CwEOTTimer_mS_M_u32	543
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.300000012
k_EOTLrnTimer_mS_u16	300
k_HwTrqEOTLrn_HwNm_f32	1.20000005
k_MaxRackTrvl_HwDeg_f32	654
k_MinRackTrvl_HwDeg_f32	375.256012





K_MirResetAuthority_Uls_f32					
MitvelEoTLm_NitrRapS_f32 333.235992	Name	Input Value			
Interior_Perl_DiagsIstrivPosDis_Cnt_Igc_value 0.400000006	k_MinResetAuthority_Uls_f32	0.300000012	.300000012		
Sig_LmEOT_Perl_HandwheelAuthority_Uis_i32.value	k_MtrVelEOTLrn_MtrRadpS_f32	333.235992	33.235992		
Section Sect	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0			
Section Sect	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.400000006	0.40000006		
Section Sect	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125			
St. Pim_LearmedEOT.CWEOTPosition_HwDeg_f32 St. A	tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005			
Section Sect	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150			
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc 1 1 1 1 1 1 1 1 1	tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	854.012024			
1 11 11 11 11 11 11 11	tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-650.122986			
tgt_Rte_Call_Ap_LmEOT_SystemTime_DtmnElapsedTime_mS_u16_ElapsedTime tgt_Rte_Call_Ap_LmEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime tgt_Rte_Call_Ap_LmEOT_LmEOT_Per1_CCWFound_Cnt_Igc tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_CCWFound_Cnt_Igc tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_CCWPosition_HwDeg_f32 tgt_LmEOT_Per1_CCWFound_Cnt_Igc tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_CCWPosition_HwDeg_f32 tgt_LmEOT_Per1_CWFound_Cnt_Igc tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_CwPosition_HwDeg_f32 tgt_LmEOT_Per1_CwPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HwTorque_HwNm_f32 tgt_LmEOT_Per1_MtrvelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrvelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrvelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrvelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrvelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrvelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_CWPosition_HwDeg_f32. Name	tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0			
tgt_Rte_Call_Ap_LmEOT_SystemTime_GetSystemTime_mS_332_CurrentTime 1100 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CCWFound_Cnt_lgc tgt_LmEOT_Per1_CCWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWPosition_HwDeg_f32 tgt_LmEOT_Per1_CWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWFound_Cnt_lgc tgt_LmEOT_Per1_CWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_LmEOT_Per1_CWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HwTorque_HwNm_f32 tgt_LmEOT_Per1_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT.Pim_LearnedEOT tgt_Pim_LearnedEOT Name Actual Value Expected Value Resul LmEOT_Per1_CCWPosition_HwDeg_f32.value -650.122986 -650.122986 ± 0.0625 -650.122986 ± 0.0625 tgt_LmEOT_Per1_CWPosition_HwDeg_f32 854.012024 854.012024 ± 0.0625 -650.122986 ± 0.0625 tgt_Im_Learn	tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1			
tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CCWFound_Cnt_lgc tgt_LmEOT_Per1_CCWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CCWPosition_HwDeg_f32 tgt_LmEOT_Per1_CCWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWFound_Cnt_lgc tgt_LmEOT_Per1_CWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HwTorque_HwNm_f32 tgt_LmEOT_Per1_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT.Pim_LearnedEOT tgt_Pim_LearnedEOT Name Actual Value Expected Value Resul LmEOT_Per1_CCWFound_Cnt_lgc.value 0 0 0 tgt_LmEOT_Per1_CCWFound_Cnt_lgc.value -650.122986 -650.122986 ± 0.0625 0 tgt_LmEOT_Per1_CWFoosition_HwDeg_f32 854.012024 854.012024 ± 0.0625 0 tgt_ImEOT_Per1_CWEOTFosition_HwDeg_f3	$tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTim$	111			
tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CCWPosition_HwDeg_f32 tgt_LmEOT_Per1_CCWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWFound_Cnt_lgc tgt_LmEOT_Per1_CWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWPosition_HwDeg_f32 tgt_LmEOT_Per1_CWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HwTorque_HwNm_f32 tgt_LmEOT_Per1_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT.Pim_LearnedEOT tgt_Pim_LearnedEOT Name Actual Value Expected Value Resul LmEOT_Per1_CCWFound_Cnt_lgc.value 0 0 0 tgt_LmEOT_Per1_CCWFound_Cnt_lgc.value -650.122986 -650.122986 ± 0.0625 0 tgt_LmEOT_Per1_CWPosition_HwDeg_f32.value 854.012024 854.012024 ± 0.0625 0 tgt_ImEOT_Per1_CWFOTSition_HwDeg_f32 854.012024 854.012024 ± 0.0625 -650.122986 ± 0.0625	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1100			
tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWFound_Cnt_igc tgt_LmEOT_Per1_CWFound_Cnt_igc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_DiagStsHwPosDis_Cnt_igc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_igc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_DiagStsHwPosDis_Cnt_igc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_igc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelAuthority_Uis_f32 tgt_LmEOT_Per1_HandwheelAuthority_Uis_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HwTorque_HwNm_f32 tgt_LmEOT_Per1_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT.Pim_LearnedEOT Actual Value Expected Value Resul LmEOT_Resett.imitReq_Cnt_M_igc 0	tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc			
tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWPosition_HwDeg_f32 tgt_LmEOT_Per1_CWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HwTorque_HwNm_f32 tgt_LmEOT_Per1_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Pim_LearnedEOT tgt_Pim_LearnedEOT Name Actual Value Expected Value Resul LmEOT_ResetLimitReq_Cnt_M_lgc 0 0 0 tgt_LmEOT_Per1_CCWPound_Cnt_lgc.value 1 1 1 tgt_LmEOT_Per1_CWFound_Cnt_lgc.value -650.122986 -650.122986 ± 0.0625 0 tgt_LmEOT_Per1_CWFound_Cnt_lgc.value 0 0 0 tgt_LmEOT_Per1_CWPosition_HwDeg_f32.value 854.012024 854.012024 ± 0.0625 0 tgt_ImEOT_Per1_CWEOTPosition_HwDeg_f32 854.012024 854.012024 ± 0.0625 0	tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32			
tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HwTorque_HwNm_f32 tgt_LmEOT_Per1_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Pim_LearnedEOT tgt_Pim_LearnedEOT Name Actual Value Expected Value Resul LmEOT_ResetLimitReq_Cnt_M_lgc 0 0 0 tgt_LmEOT_Per1_CCWFound_Cnt_lgc.value 1 1 1 tgt_LmEOT_Per1_CWFound_Cnt_lgc.value -650.122986 -650.122986 ± 0.0625 0 tgt_LmEOT_Per1_CWFound_Cnt_lgc.value 0 0 0 tgt_LmEOT_Per1_CWFound_Cnt_lgc.value 854.012024 854.012024 ± 0.0625 0 tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 854.012024 854.012024 ± 0.0625 0 tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32 -650.122986 -650.122986 ± 0.0625 -650.122986 ± 0.0625	tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc			
tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HwTorque_HwNm_f32 tgt_LmEOT_Per1_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT.Pim_LearnedEOT Actual Value Expected Value Resul LmEOT_ResetLimitReq_Cnt_M_lgc 0 0 0 0 tgt_LmEOT_Per1_CCWFound_Cnt_lgc.value 1	tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32			
tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HwTorque_HwNm_f32 tgt_LmEOT_Per1_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT.Pim_LearnedEOT Actual Value Expected Value Resul LmEOT_ResetLimitReq_Cnt_M_lgc 0 0 0 0 tgt_LmEOT_Per1_CCWFound_Cnt_lgc.value 1 1 1 tgt_LmEOT_Per1_CCWPosition_HwDeg_f32.value -650.122986 -650.122986 ± 0.0625 0 tgt_LmEOT_Per1_CWFound_Cnt_lgc.value 0 0 0 tgt_LmEOT_Per1_CWFound_Ent_lgc.value 0 0 0 tgt_LmEOT_Per1_CWFound_Cnt_lgc.value 854.012024 854.012024 ± 0.0625 0 tgt_ImEOT_Per1_CWFound_Cnt_lgc.value 854.012024 854.012024 ± 0.0625 0 tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 854.012024 854.012024 ± 0.0625 0 tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32 -650.122986 -650.122986 ± 0.0625 -650.122986 ± 0.0625	tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc			
tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HwTorque_HwNm_f32 tgt_LmEOT_Per1_HwTorque_HwNm_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 Result Actual Value Expected Value Result Result LmEOT_ResetLimitReq_Cnt_M_lgc 0	tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32			
tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT.Pim_LearnedEOT tgt_Pim_LearnedEOT Name Actual Value Expected Value Resul LmEOT_ResetLimitReq_Cnt_M_lgc 0 0 0 0 tgt_LmEOT_Per1_CCWFound_Cnt_lgc.value 1	tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32			
tgt_Rte_Inst_Ap_LmEOT.Pim_LearnedEOT tgt_Pim_LearnedEOT Name Actual Value Expected Value Resul LmEOT_ResetLimitReq_Cnt_M_lgc 0 0 0 tgt_LmEOT_Per1_CCWFound_Cnt_lgc.value 1 1 1 tgt_LmEOT_Per1_CCWPosition_HwDeg_f32.value -650.122986 -650.122986 ± 0.0625 0 tgt_LmEOT_Per1_CWFound_Cnt_lgc.value 0 0 0 tgt_LmEOT_Per1_CWPosition_HwDeg_f32.value 854.012024 854.012024 ± 0.0625 0 tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 854.012024 854.012024 ± 0.0625 0 tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32 -650.122986 -650.122986 ± 0.0625 0	tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32			
Name Actual Value Expected Value Result LmEOT_ResetLimitReq_Cnt_M_lgc 0	tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3.	2		
LmEOT_ResetLimitReq_Cnt_M_lgc 0 0 tgt_LmEOT_Per1_CCWFound_Cnt_lgc.value 1 1 tgt_LmEOT_Per1_CCWPosition_HwDeg_f32.value -650.122986 -650.122986 ± 0.0625 tgt_LmEOT_Per1_CWFound_Cnt_lgc.value 0 0 tgt_LmEOT_Per1_CWPosition_HwDeg_f32.value 854.012024 854.012024 ± 0.0625 tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 854.012024 854.012024 ± 0.0625 tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32 -650.122986 -650.122986 ± 0.0625	tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT			
tgt_LmEOT_Per1_CCWFound_Cnt_lgc.value 1 tgt_LmEOT_Per1_CCWPosition_HwDeg_f32.value -650.122986 tgt_LmEOT_Per1_CWFound_Cnt_lgc.value 0 tgt_LmEOT_Per1_CWPosition_HwDeg_f32.value 854.012024 tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 854.012024 tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 854.012024 tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 -650.122986 -650.122986 -650.122986 ± 0.0625	Name	Actual Value	Expected Value	Result	
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value -650.122986 -650.122986 ± 0.0625 tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value 0 0 tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value 854.012024 854.012024 ± 0.0625 tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 854.012024 854.012024 ± 0.0625 tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32 -650.122986 -650.122986 ± 0.0625	LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~	
tgt_LmEOT_Per1_CWFound_Cnt_lgc.value 0 tgt_LmEOT_Per1_CWPosition_HwDeg_f32.value 854.012024 tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 854.012024 tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32 854.012024 tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32 -650.122986 -650.122986 ± 0.0625 -650.122986	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	1	1	~	
tgt_LmEOT_Per1_CWPosition_HwDeg_f32.value 854.012024 854.012024 ± 0.0625 tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 854.012024 854.012024 ± 0.0625 tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32 -650.122986 -650.122986 ± 0.0625	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-650.122986	-650.122986 ± 0.0625	~	
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 854.012024 854.012024 ± 0.0625 tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32 -650.122986 -650.122986 ± 0.0625	tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	~	
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32 -650.122986 -650.122986 ± 0.0625	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	854.012024	854.012024 ± 0.0625	~	
191-111-12500 1 001.122500 1 00	tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	854.012024	854.012024 ± 0.0625	~	
tqt Pim LearnedEOT.CWEOTFound Cnt Iqc 0	tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-650.122986	-650.122986 ± 0.0625	~	
<u> </u>	tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~	
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc 1 1	tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	~	

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

T+ 04 0 50 (D+ 0+	
Test Step 3.53 (Repeat Count = 1)	• • • • • • • • • • • • • • • • • • •
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	1235
LrnEOT_CwEOTTimer_mS_M_u32	127
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.100000001
k_EOTLrnTimer_mS_u16	11
k_HwTrqEOTLrn_HwNm_f32	1.10000002
k_MaxRackTrvl_HwDeg_f32	900
k_MinRackTrvl_HwDeg_f32	764.255981
k_MinResetAuthority_Uls_f32	0.100000001
k_MtrVelEOTLrn_MtrRadpS_f32	600.02301
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.400000006
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	450.02301
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.29999995
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-345.020996
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	666.122986
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-637.122986
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	888
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1000
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32



Name	Input Value		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	•
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-764.255981	-764.255981 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	•
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	764.255981	764.255981 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	764.255981	764.255981 ± 0.0625	•
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-764.255981	-764.255981 ± 0.0625	•
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	•
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

Test Step 3.54 (Repeat Count = 1) Name	Input Value		
	Production of the second of th		
LrnEOT_CcwEOTTimer_mS_M_u32	276		
LrnEOT_CwEOTTimer_mS_M_u32	0		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Dtr		me
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Ge	tSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.5		
k_EOTLrnTimer_mS_u16	2000		
k_HwTrqEOTLrn_HwNm_f32	2.5		
k_MaxRackTrvl_HwDeg_f32	666.10199		
k_MinRackTrvl_HwDeg_f32	375.256012		
k_MinResetAuthority_Uls_f32	0.5		
k_MtrVelEOTLrn_MtrRadpS_f32	30.2360001		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.300000012		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-747.151978		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	3		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	567.10199		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	784.14502		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	444		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1100		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3	32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_l	lgc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls	_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwI	Deg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f	32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Resul
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	1	1	
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-864.122986	-864.122986 ± 0.0625	
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	784.14502	784.14502 ± 0.0625	
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	784.14502	784.14502 ± 0.0625	
tgt Pim LearnedEOT.CCWEOTPosition HwDeg_132	-864.122986	-864.122986 ± 0.0625	

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Name	Actual Value	Expected Value	Result
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	*
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

Test Step 3.55 (Repeat Count = 1)			•
Name	Input Value		
LrnEOT CcwEOTTimer mS M u32	1667		
LmEOT CwEOTTimer mS M u32	4294967295		
LrnEOT ResetLimitReq Cnt M Igc	0		
Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16(ElapsedTime)	tgt Rte Call Ap LrnEOT SystemTime D	OtrmnElapsedTime mS u16 ElapsedTin	me
Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_G		
Rte Inst Ap LmEOT	tgt Rte Inst Ap LrnEOT	,	
k_AuthorityStartLrn_Uls_f32	0.899999976		
k EOTLrnTimer mS u16	300		
k HwTrqEOTLrn HwNm f32	1.20000005		
k MaxRackTrvl HwDeg f32	654		
k_MinRackTrvl_HwDeg_f32	654		
k MinResetAuthority Uls f32	0.300000012		
k MtrVelEOTLm MtrRadpS f32	33.2360001		
tgt LrnEOT Per1 DiagStsHwPosDis Cnt Igc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.5		
tgt LrnEOT Per1 HandwheelPosition HwDeg f32.value	384.125		
tgt LrnEOT Per1 HwTorque HwNm f32.value	2.2000005		
tgt LrnEOT Per1 MtrVelCRF MtrRadpS f32.value	-150		
tgt Pim LearnedEOT.CWEOTPosition HwDeg f32	864.856018		
tgt Pim LearnedEOT.CCWEOTPosition HwDeg f32	-864.122986		
tgt Pim LearnedEOT.CWEOTFound Cnt Igc	0		
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	0		
tgt Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16 ElapsedTim	1		
tgt Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32 CurrentTime	900		
tgt Rte Inst Ap LmEOT.LmEOT Per1 CCWFound Cnt Igc	tgt LrnEOT Per1 CCWFound Cnt lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt LrnEOT Per1 CCWPosition HwDeg	f32	
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 CWFound Cnt Igc	tgt LrnEOT Per1 CWFound Cnt lgc		
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 CWPosition HwDeg f32	tgt LrnEOT Per1 CWPosition HwDeg f3	32	
tgt_Rte_Inst_Ap_LmEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_U		
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 HandwheelPosition HwDeg f32	tgt LrnEOT Per1 HandwheelPosition Hv	_	
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 HwTorque HwNm f32	tgt LrnEOT Per1 HwTorque HwNm f32	-	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS		
tgt Rte Inst Ap LrnEOT.Pim LearnedEOT	tgt Pim LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT ResetLimitReq Cnt M lgc	0	0	-
tgt LrnEOT Per1 CCWFound Cnt lgc.value	0	0	•
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-864.122986	-864.122986 ± 0.0625	•
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	•
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	864.856018	864.856018 ± 0.0625	-
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	864.856018	864.856018 ± 0.0625	•
tgt Pim LearnedEOT.CCWEOTPosition HwDeg f32	-864.122986	-864.122986 ± 0.0625	•
tgt Pim LearnedEOT.CWEOTFound Cnt lgc	0	0	•
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	0	0	

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	✓



Test Step 3.56 (Repeat Count = 1)			✓
Name	Input Value		
LrnEOT CcwEOTTimer mS M u32	786		
LrnEOT CwEOTTimer mS M u32	1444		
LrnEOT ResetLimitReg Cnt M lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt Rte Call Ap LrnEOT SystemTime Dtn	mnElapsedTime mS u16 ElapsedTime	
Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Ge		
Rte Inst Ap LrnEOT	tgt Rte Inst Ap LrnEOT		
k AuthorityStartLrn Uls f32	0.5		
k EOTLrnTimer mS u16	300		
k HwTrqEOTLrn HwNm f32	1.20000005		
k MaxRackTrvl HwDeg f32	654		
k MinRackTrvl HwDeg f32	764.255981		
k MinResetAuthority Uls f32	0.300000012		
k MtrVelEOTLrn MtrRadpS f32	333.235992		
tgt LrnEOT Per1 DiagStsHwPosDis Cnt Igc.value	0		
tgt LrnEOT Per1 HandwheelAuthority Uls f32.value	0.40000006		
tqt LrnEOT Per1 HandwheelPosition HwDeg f32.value	384.125		
tgt LrnEOT Per1 HwTorque HwNm f32.value	2.20000005		
tgt LrnEOT Per1 MtrVelCRF MtrRadpS f32.value	-150		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	376.987		
tgt Pim LearnedEOT.CCWEOTPosition HwDeg f32	-485.122986		
tgt Pim LearnedEOT.CWEOTFound Cnt Igc	1		
tgt Pim LearnedEOT.CCWEOTFound Cnt lgc	0		
tgt Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16 ElapsedTime	111		
tgt Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32 CurrentTime	1000		
tgt_Rte_Inst_Ap_LrnEOT_Per1_CCWFound_Cnt_lgc	tgt LrnEOT Per1 CCWFound Cnt lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3	32	
tgt Rte Inst Ap LmEOT.LmEOT Per1 CWFound Cnt Igc	tgt LrnEOT Per1 CWFound Cnt lgc		
tgt Rte Inst Ap LmEOT.LmEOT Per1 CWPosition HwDeg f32	tgt LrnEOT Per1 CWPosition HwDeg f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_I		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls		
tgt Rte Inst Ap LmEOT.LmEOT Per1 HandwheelPosition HwDeg f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD	_	
tgt Rte Inst Ap LmEOT.LmEOT Per1 HwTorque HwNm f32	tgt LrnEOT Per1 HwTorque HwNm f32	3_ 1	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT ResetLimitReq Cnt M lgc	0	0	~
tgt LrnEOT Per1 CCWFound Cnt lgc.value	0	0	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-485.122986	-485.122986 ± 0.0625	
tgt LrnEOT Per1 CWFound Cnt Igc.value	1	1	✓
tgt LrnEOT Per1 CWPosition HwDeg f32.value	376.987	376.987 ± 0.0625	
tgt Pim LearnedEOT.CWEOTPosition HwDeg f32	376.987	376.987 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-485.122986	-485.122986 ± 0.0625	-
tgt Pim LearnedEOT.CWEOTFound Cnt lgc	1	1	✓
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	0	0	

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	✓

Test Step 3.57 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	0
LrnEOT_CwEOTTimer_mS_M_u32	487
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.600000024
k_EOTLrnTimer_mS_u16	100
k_HwTrqEOTLrn_HwNm_f32	1.20000005
k_MaxRackTrvl_HwDeg_f32	764.255981
k_MinRackTrvl_HwDeg_f32	375.256012
k_MinResetAuthority_Uls_f32	0.100000001
k_MtrVelEOTLrn_MtrRadpS_f32	275.119995
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0





Name	Input Value		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.69999988		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	264.15799		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-274		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	466.368988		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	532		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1100		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3:	2	
tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	<u>f</u> 32	
tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	1	1	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-864.122986	-864.122986 ± 0.0625	✓
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	466.368988	466.368988 ± 0.0625	✓
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	466.368988	466.368988 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986	-864.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	~

T					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~	
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	✓	
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~	
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	✓	

Test Step 3.58 (Repeat Count = 1)	🗸
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	4294967295
LrnEOT_CwEOTTimer_mS_M_u32	855
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.5
k_EOTLrnTimer_mS_u16	300
k_HwTrqEOTLrn_HwNm_f32	1.20000005
k_MaxRackTrvl_HwDeg_f32	654
k_MinRackTrvl_HwDeg_f32	654
k_MinResetAuthority_UIs_f32	0.300000012
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.40000006
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	500.122986
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-485.122986
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	163
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1000
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32



Name	Input Value		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_Hwl	Deg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_t	32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-485.122986	-485.122986 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	✓
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	500.122986	500.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	500.122986	500.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-485.122986	-485.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

Τ				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	✓
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	✓

Test Step 3.59 (Repeat Count = 1)				
Name	Input Value			
LrnEOT_CcwEOTTimer_mS_M_u32	1000			
LrnEOT CwEOTTimer mS M u32	543			
LrnEOT ResetLimitReq Cnt M Igc	0			
Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16(ElapsedTime)	tgt Rte Call Ap LrnEOT SystemTime	DtrmnElapsedTime mS u16 ElapsedTi	ime	
Rte_Call_Ap_LmEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_			
Rte Inst Ap LrnEOT	tgt_Rte_Inst_Ap_LrnEOT			
k AuthorityStartLrn Uls f32	0.600000024			
k EOTLrnTimer mS u16	100			
k HwTrqEOTLrn HwNm f32	1.20000005			
k MaxRackTrvl HwDeg f32	764.255981			
k MinRackTrvl HwDeg f32	900			
k MinResetAuthority Uls f32	0.100000001			
k MtrVelEOTLrn MtrRadpS f32	275.119995			
tgt LrnEOT Per1 DiagStsHwPosDis Cnt Igc.value	0			
tgt LrnEOT Per1 HandwheelAuthority Uls f32.value	0.69999988			
tgt LrnEOT Per1 HandwheelPosition HwDeg f32.value	264.15799			
tgt LrnEOT Per1 HwTorque HwNm f32.value	1.60000002			
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-274			
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	454.011993			
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-485.122986			
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0			
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	163			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1100			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg	g_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_	<u>f</u> 32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_C	nt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_	Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_H	HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f3	2		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadp	S_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT			
Name	Actual Value	Expected Value	Resu	
LmEOT ResetLimitReg Cnt M lgc	0	0		
tgt LrnEOT Per1 CCWFound Cnt Igc.value	1	1		
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-764.255981	-764.255981 ± 0.0625		
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0		
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	764.255981	764.255981 ± 0.0625		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	764.255981	764.255981 ± 0.0625		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-764.255981	-764.255981 ± 0.0625		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0		
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	1	1		



T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte Call LrnEOT Per1 CP1 CheckpointReached	1	Rte Call LrnEOT Per1 CP1 CheckpointReached	1	✓

Test Step 3.60 (Repeat Count = 1)			✓		
Name	Input Value				
LrnEOT_CcwEOTTimer_mS_M_u32	300				
LrnEOT CwEOTTimer mS M u32	127				
LmEOT_ResetLimitReq_Cnt_M_lgc	0				
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Dtrr	mnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Get	t_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime			
Rte Inst Ap LrnEOT	tgt Rte Inst Ap LrnEOT				
k_AuthorityStartLrn_Uls_f32	0.600000024				
k_EOTLrnTimer_mS_u16	100				
k_HwTrqEOTLrn_HwNm_f32	1.20000005				
k MaxRackTrvl HwDeg f32	764.255981				
k MinRackTrvI HwDeg f32	666.10199				
k_MinResetAuthority_Uls_f32	0.100000001				
k_MtrVelEOTLrn_MtrRadpS_f32	275.119995				
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0				
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.69999988				
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	264.15799				
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002				
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-274				
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	866.122986				
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-675.122986				
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0				
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0				
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	0				
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	900				
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc				
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3:	2			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc				
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32				
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	ус			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	_f32			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD	eg_f32			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32				
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	32			
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT				
Name	Actual Value	Expected Value	Result		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~		
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	~		
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-675.122986	-675.122986 ± 0.0625	~		
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	~		
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	866.122986	866.122986 ± 0.0625	~		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	866.122986	866.122986 ± 0.0625	~		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-675.122986	-675.122986 ± 0.0625	~		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0			

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	•
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte Call LrnEOT Per1 CP1 CheckpointReached	1	Rte Call LrnEOT Per1 CP1 CheckpointReached	1	V

Test Step 3.61 (Repeat Count = 1)		
Name	Input Value	
LrnEOT_CcwEOTTimer_mS_M_u32	400	
LrnEOT_CwEOTTimer_mS_M_u32	376	
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	

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Name	Input Value			
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Get	SystemTime_mS_u32_C	urrentTime	
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.200000003			
k_EOTLrnTimer_mS_u16	200			
k_HwTrqEOTLrn_HwNm_f32	1.10000002			
k_MaxRackTrvl_HwDeg_f32	375.256012			
k_MinRackTrvl_HwDeg_f32	654			
k_MinResetAuthority_Uls_f32	0.200000003			
k_MtrVelEOTLrn_MtrRadpS_f32	150.102005			
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0			
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.5			
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	200.158005			
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002			
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	150.102005			
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	500.122986			
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986			
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1			
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_la@CurrentTim TESSY V3O	1		N	LrnE
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	65535			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1000			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f3	2		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	дс		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwD	eg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT			
Name	Actual Value	Expected Value		Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0		~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	1	1		✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-864.122986	-864.122986 ± 0.0625		~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1		~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	500.122986	500.122986 ± 0.0625		~
tgt Pim LearnedEOT.CWEOTPosition HwDeg f32	500.122986			



Name	Input Value		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
$tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime$	1235		
$tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	1100		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-654	-654 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	1110.25	1110.25 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1110.25	1110.25 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-654	-654 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

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Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

Name	Input Value		
LrnEOT CcwEOTTimer mS M u32	90		
LrnEOT CwEOTTimer mS M u32	378		
LrnEOT ResetLimitReq Cnt M Igc	0		
Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16(ElapsedTime)	tgt Rte Call Ap LrnEOT SystemTime Dt	rmnElapsedTime mS u16 ElapsedTin	ne
Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32(CurrentTime)	tgt Rte Call Ap LrnEOT SystemTime Ge		
Rte Inst Ap LmEOT	tgt_Rte_Inst_Ap_LrnEOT		
k AuthorityStartLrn Uls f32	0.100000001		
k EOTLrnTimer mS u16	11		
k_HwTrqEOTLrn_HwNm_f32	1.10000002		
k MaxRackTrvl HwDeg f32	900		
k_MinRackTrvl_HwDeg_f32	764.255981		
k_MinResetAuthority_UIs_f32	0.100000001		
k_MtrVelEOTLrn_MtrRadpS_f32	600.02301		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.40000006		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	450.02301		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.29999995		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-345.020996		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	624.359985		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-637.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
$tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu16_Elapse$	ime 888		
$tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	0		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f	32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f3:	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_	<u>lgc</u>	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Ul	s_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_Hw	Deg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_	f32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Resul
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	-

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Name	Actual Value	Expected Value	Result
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-764.255981	-764.255981 ± 0.0625	✓
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	764.255981	764.255981 ± 0.0625	✓
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	764.255981	764.255981 ± 0.0625	✓
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-764.255981	-764.255981 ± 0.0625	✓
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✓
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✓

Τ				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	✓
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	•

Name	Invest Value			
Name	Input Value			
LrnEOT_CcwEOTTimer_mS_M_u32	100			
LrnEOT_CwEOTTimer_mS_M_u32	563			
LrnEOT_ResetLimitReq_Cnt_M_lgc	0			
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	· - ·	ime_DtrmnElapsedTime_mS_u16_ElapsedT		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)		ime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT			
k_AuthorityStartLrn_Uls_f32	0.5			
k_EOTLrnTimer_mS_u16	2000			
k_HwTrqEOTLrn_HwNm_f32	2.5			
k_MaxRackTrvl_HwDeg_f32	666.10199			
k_MinRackTrvl_HwDeg_f32	654			
k_MinResetAuthority_Uls_f32	0.5			
k_MtrVelEOTLrn_MtrRadpS_f32	30.2360001			
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0			
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.300000012			
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-747.151978			
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	3			
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	567.10199			
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1285.44995			
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986	-864.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1			
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTi	me 444			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	4294967295			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt	_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_H	wDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_I	gc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_Hw	Deg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosD	is_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAutho	ority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPositi	on_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwN	m_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrF	RadpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT			
Name	Actual Value	Expected Value	Resu	
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0		
tqt LrnEOT Per1 CCWFound Cnt lqc.value	1	1		
tgt LrnEOT Per1 CCWPosition HwDeg f32.value	-864.122986	-864.122986 ± 0.0625		
tgt LmEOT Per1 CWFound Cnt lgc.value	1	1		
tgt LmEOT Per1 CWPosition HwDeg f32.value	1285.44995	1285.44995 ± 0.0625		
tgt Pim LearnedEOT.CWEOTPosition HwDeg f32	1285.44995	1285.44995 ± 0.0625		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986	-864.122986 ± 0.0625		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1		

T			✓	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~



Test Step 3.65 (Repeat Count = 1)			✓
Name	Input Value		
LmEOT_CcwEOTTimer_mS_M_u32	30		
LrnEOT_CwEOTTimer_mS_M_u32	487		
LmEOT ResetLimitReg Cnt M lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Dtrn	nnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Gets	SystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.89999976		
k_EOTLrnTimer_mS_u16	300		
k_HwTrqEOTLrn_HwNm_f32	1.20000005		
k_MaxRackTrvl_HwDeg_f32	654		
k_MinRackTrvl_HwDeg_f32	666.122986		
k_MinResetAuthority_Uls_f32	0.300000012		
k_MtrVelEOTLrn_MtrRadpS_f32	33.2360001		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.5		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	486.350006		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	1234		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	10000		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	IC .	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDe	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-864.122986	-864.122986 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	486.350006	486.350006 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	486.350006	486.350006 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986	-864.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	2	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	✓

Test Step 3.66 (Repeat Count = 1)	v v v v v v v v v v v v v v v v v v v
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	0
LrnEOT_CwEOTTimer_mS_M_u32	0
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0
k_EOTLrnTimer_mS_u16	0
k_HwTrqEOTLrn_HwNm_f32	0
k_MaxRackTrvl_HwDeg_f32	360
k_MinRackTrvl_HwDeg_f32	360





Name	Input Value		
k_MinResetAuthority_Uls_f32	0		
k_MtrVelEOTLrn_MtrRadpS_f32	0		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-900		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	-8.80000019		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-1100		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	360		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1440.10999		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	0		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	0		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_	<u>f</u> 32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDe	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	2	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-360	-360 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	360	360 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	360	360 ± 0.0625	~
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-360	-360 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

T .			V	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

Test Step 3.67 (Repeat Count = 1)	·
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	4294967295
LrnEOT_CwEOTTimer_mS_M_u32	4294967295
LrnEOT_ResetLimitReq_Cnt_M_lgc	1
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LmEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	1
k_EOTLrnTimer_mS_u16	10000
k_HwTrqEOTLrn_HwNm_f32	10
k_MaxRackTrvl_HwDeg_f32	1440
k_MinRackTrvl_HwDeg_f32	1440
k_MinResetAuthority_Uls_f32	1
k_MtrVelEOTLrn_MtrRadpS_f32	1100
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	1
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	1
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	900
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	8.80000019
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	1100
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1440.10999
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-360
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	65535
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	4294967295
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc

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Name	Input Value		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwF	PosDis_Cnt_lgc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelA	Authority_Uls_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelF	Position_HwDeg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_I	HwNm_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_	_MtrRadpS_f32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-1440	-1440 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	1440	1440 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1440	1440 ± 0.0625	✓
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1440	-1440 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	Ō	~
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	0	0	✓

T			✓	
Actual Function	Count	Expected Function	Count	Result
Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP0_CheckpointReached	1	~
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	~

LrnEOT_Scom_ResetEOT

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Project LrnEOT

Module LrnEOT

Test Object LrnEOT_Scom_ResetEOT

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %

Statistics

Total Testcases	1	
Successful	1	~
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CBD_LrnEOT
Configuration File	D:\Synergy_Work_Area\CBD_LrnEOT\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\LrnEOT\src\Ap_LrnEOT.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\LrnEOT\utp\contract -I\$(PROJECTROOT)\NxtrLib\include -I\$ (PROJECTROOT)\StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Name	Text
Module 'LmEOT'	Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_LmEOT.c Code File(s) Version: 9 Module Design Document: LearnEOT.docx Module Design Document Version: 10 Data Dictionary Version: 16 Unit Test Plan Version: 7 Optimization Level: Level 2 Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: Excel Macro Model Version: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1122 Total RAM Used (Bytes): 9 Total CALS Used (Bytes): 34 Special Test Requirements: None Test Date: 08-26-2014 Comments: Note 1: Inline functions defined in globalmacro.h are not unit tested. Note 2: "CBD_Sandbox_dbg.map"map file is embedded for reference.

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 3.2</pre>
Time Unit	Cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	<pre>\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg</pre>

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LrnEOT_Scom_ResetEOT

Attributes	
Name	Value
Workspace File	D:\Synergy_Work_Area\CBD_LrnEOT\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



LrnEOT_Scom_ResetEOT

Test Case 1: Boundary Test

Specification

Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:

TS1.1 28.00 cycles TS1.2 28.00 cycles

Description Vector Description:

TS1.1 LrnEOT_ResetLimitReq_Cnt_M_lgc=Min TS1.2 LrnEOT_ResetLimitReq_Cnt_M_lgc=Max

Test Step 1.1 (Repeat Count = 1)		✓	
Name	Input Value		
LmEOT_ResetLimitReq_Cnt_M_lgc 0			
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	1	1	✓

Test Step 1.2 (Repeat Count = 1)			✓
Name Input Value			
LrnEOT_ResetLimitReq_Cnt_M_lgc	EOT_ResetLimitReq_Cnt_M_lgc 1		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	1	1	~

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Project	LmEOT
Module	LmEOT
Test Object	LrnEOT_Init1

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Decision Coverage	100 %
Branch (C1) Coverage	100 %
MCC Coverage	100 %
MC/DC Coverage	100 %

Statistics

LrnEOT_Init1

Total Testcases	3	
Successful	3	~
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CBD_LrnEOT
Configuration File	D:\Synergy_Work_Area\CBD_LrnEOT\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\LmEOT\src\Ap_LmEOT.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\LrnEOT\utp\contract -I\$(PROJECTROOT)\NxtrLib\include -I\$ (PROJECTROOT)\StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Name	Text
Module 'LmEOT'	Name of Tester: Spoorti Mali Code File(s) Under Test: Ap_LrnEOT.c Code File(s) Version: 9 Module Design Document: LearnEOT.docx Module Design Document Version: 10 Data Dictionary Version: 16 Unit Test Plan Version: 7 Optimization Level: Level 2 Compiler (CodeGen) Version: TMS470_4.9.5 Model Type: Excel Macro Model Version: Nextere EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1122 Total RAM Used (Bytes): 9 Total CALS Used (Bytes): 9 Total CALS Used (Bytes): 34 Special Test Requirements: None Test Date: 08-26-2014 Comments: Note 1: Inline functions defined in globalmacro.h are not unit tested. Note 2: "CBD_Sandbox_dbg.map"map file is embedded for reference.

Attributes		
Name	Value	
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5	
Float Precision	9	
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj	
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src	
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd	
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl	
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2	
Time Unit	Cycles	





Attributes		
Name	Value	
Timer Enabled	false	
Timer Prescale	0	
Timer Resolution		
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg	
Workspace File	D:\Synergy_Work_Area\CBD_LrnEOT\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP	



Usercode	
Stub Function Name	Stub Function Body
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlo	
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBloc	

Test Case 1: Metrics Test

Specification

Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:

TS1.1 598.00 cycles TS1.2 831.00 cycles

Description Vector Description:

Test Step 1.1 (Repeat Count = 1)

TS1.1 Shortest Execution Path((Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32 < k_MinRackTrvl_HwDeg_f32) =False|| (Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32 > k_MaxRackTrvl_HwDeg_f32)=False || (Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 < -k_MaxRackTrvl_HwDeg_f32)=False || (Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 > -k_MinRackTrvl_HwDeg_f32) =False)|| TS1.2 Longest Execution Path((Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32 > k_MinRackTrvl_HwDeg_f32 < k_MinRackTrvl_HwDeg_f32) =False|| (Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32 < -k_MaxRackTrvl_HwDeg_f32)=False || (Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 > -k_MaxRackTrvl_HwDeg_f32) =True)|| (Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 > -k_MinRackTrvl_HwDeg_f32) =True)||

Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	1		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_0	GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT		
k_MaxRackTrvl_HwDeg_f32	1440		
k_MinRackTrvl_HwDeg_f32	700.89502		
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	700.89502		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-700.89502		
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	90		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_Igc	target_LrnEOT_Init1_CCWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_	f32	
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f3	32	
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	90	90	~
LrnEOT_CwEOTTimer_mS_M_u32	90	90	~
LrnEOT_ResetLimitReq_Cnt_M_lgc	1	1	~
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	1	1	~
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-700.89502	-700.89502 ± 0.0625	~
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	1	1	~
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	700.89502	700.89502 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	700.89502	700.89502 ± 0.0625	~
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-700.89502	-700.89502 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	~
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	~

T				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	~

Test Step 1.2 (Repeat Count = 1)		
Name	Input Value	
LrnEOT_ResetLimitReq_Cnt_M_lgc	1	
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT	
k_MaxRackTrvl_HwDeg_f32	763.020996	
k_MinRackTrvl_HwDeg_f32	400.020996	
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	360	
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-445.002014	
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	80	

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Name	Input Value				
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_lgc	target_LrnEOT_Init1_CCWFou	ind_Cnt_lgc			
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPos	target_LrnEOT_Init1_CCWPosition_HwDeg_f32			
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFoun	target_LrnEOT_Init1_CWFound_Cnt_lgc			
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosit	ion_HwDeg_f32			
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT				
Name	Actual Value	Expected Value	Result		
LrnEOT_CcwEOTTimer_mS_M_u32	80	80	~		
LrnEOT_CwEOTTimer_mS_M_u32	80	80	~		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✓		
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	✓		
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-400.020996	-400.020996 ± 0.0625	~		
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	✓		
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	400.020996	400.020996 ± 0.0625	~		
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	400.020996	400.020996 ± 0.0625	~		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-400.020996	-400.020996 ± 0.0625	~		
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~		
target Pim LearnedEOT.CCWEOTFound Cnt lgc	0	0	✓		

T				
Actual Function	Count	Expected Function	Count	Result
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	•
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	•
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	•



Test Case 2: Path Test

Specification

Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:

TS2.1 598.00 cycles TS2.2 842.00 cycles TS2.3 831.00 cycles TS2.4 324.00 cycles TS2.5 862.00 cycles

Description Vector Description:

TS2.1"((Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32 < k_MinRackTrvl_HwDeg_f32) =False|| (Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32 > k_MaxRackTrvl_HwDeg_f32)=False || (Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 < -k_MaxRackTrvl_HwDeg_f32)=False || (Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 > -k_MinRackTrvl_HwDeg_f32) = False)|| TS2.2"((Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32 > k_MinRackTrvl_HwDeg_f32) = False || (Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32 > -k_MaxRackTrvl_HwDeg_f32)=False || (Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 < -k_MaxRackTrvl_HwDeg_f32)=False || (Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 > -k_MinRackTrvl_HwDeg_f32) = True)"

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LrnEOT_Init1





Name	Input Value		
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1440.10999		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-360		
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	4294967295		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_Igc	target_LrnEOT_Init1_CCWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_	f32	
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f3	2	
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	4294967295	4294967295	~
LrnEOT_CwEOTTimer_mS_M_u32	4294967295	4294967295	•
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	•
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-1440	-1440 ± 0.0625	~
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	•
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	1440	1440 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1440	1440 ± 0.0625	•
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1440	-1440 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

T					
Actual Function	Count	Expected Function	Count	Result	
ResetEOT	1	ResetEOT	1	~	
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~	
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~	
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	~	

Test Step 2.3 (Repeat Count = 1)			✓
Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	1		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_0	GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT		
k_MaxRackTrvl_HwDeg_f32	763.020996		
k_MinRackTrvl_HwDeg_f32	400.020996		
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	360		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-445.002014		
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	80		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_lgc	target_LrnEOT_Init1_CCWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_	_f32	
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f3	32	
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	80	80	~
LrnEOT_CwEOTTimer_mS_M_u32	80	80	~
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	✓
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-400.020996	-400.020996 ± 0.0625	~
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	✓
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	400.020996	400.020996 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	400.020996	400.020996 ± 0.0625	~
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-400.020996	-400.020996 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✓

Τ					
Actual Function	Count	Expected Function	Count	Result	
ResetEOT	1	ResetEOT	1	~	
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~	
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~	
Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32	1	Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32	1	✓	





Test Step 2.4 (Repeat Count = 1)			· ·
Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	1		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_0	GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT		
k_MaxRackTrvl_HwDeg_f32	1440		
k_MinRackTrvl_HwDeg_f32	700.89502		
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	700.89502		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-700.89502		
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	90		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_lgc	target_LrnEOT_Init1_CCWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_	<u>f</u> 32	
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f3	32	
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	90	90	~
LrnEOT_CwEOTTimer_mS_M_u32	90	90	~
LrnEOT_ResetLimitReq_Cnt_M_lgc	1	1	~
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	1	1	~
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-700.89502	-700.89502 ± 0.0625	~
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	1	1	~
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	700.89502	700.89502 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	700.89502	700.89502 ± 0.0625	~
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-700.89502	-700.89502 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	~
target Pim LearnedEOT.CCWEOTFound Cnt Igc	1	1	

T .				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	~

Test Step 2.5 (Repeat Count = 1)			~
Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	1		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_0	GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT		
k_MaxRackTrvl_HwDeg_f32	500.222992		
k_MinRackTrvl_HwDeg_f32	500.222992		
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	500.222992		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-400.222992		
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	100		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_lgc	target_LrnEOT_Init1_CCWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_f32		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f32		
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	100	100	-
LrnEOT_CwEOTTimer_mS_M_u32	100	100	-
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	-
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	-
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-500.222992	-500.222992 ± 0.0625	•
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	•
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	500.222992	500.222992 ± 0.0625	•
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	500.222992	500.222992 ± 0.0625	•
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-500.222992	-500.222992 ± 0.0625	-
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	•
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	-





Т				
Actual Function	Count	Expected Function	Count	Result
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	~

Test Case 3: Boundary Test

Specification

Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:

CPU Cycles:

TS3.1 598.00 cycles

TS3.2 842.00 cycles

TS3.3 831.00 cycles

TS3.4 842.00 cycles

TS3.5 852.00 cycles

TS3.6 831.00 cycles

TS3.7 842.00 cycles

TS3.7 842.00 cycles

TS3.10 831.00 cycles

TS3.11 842.00 cycles

TS3.11 842.00 cycles

TS3.12 842.00 cycles

TS3.13 2842.00 cycles

TS3.14 842.00 cycles

TS3.15 831.00 cycles

TS3.15 831.00 cycles

TS3.16 324.00 cycles

TS3.17 842.00 cycles

TS3.18 831.00 cycles

TS3.19 S77.00 cycles

TS3.19 S88.00 cycles

TS3.20 831.00 cycles

TS3.21 831.00 cycles

TS3.22 842.00 cycles

TS3.21 831.00 cycles

TS3.23 324 00 cycles

Description Vector Description:

TS3.1All Max TS3.2All Min

TS3.2All Min
TS3.3CWEOTPosition_HwDeg_f32=Min
TS3.4CWEOTPosition_HwDeg_f32=Max
TS3.5CWEOTPosition_HwDeg_f32=Pos
TS3.6CCWEOTPosition_HwDeg_f32=Min
TS3.7CCWEOTPosition_HwDeg_f32=Max
TS3.8CCWEOTPosition_HwDeg_f32=Min
TS3.9k_MinRackTrvl_HwDeg_f32=Min
TS3.10k_MinRackTrvl_HwDeg_f32=Min
TS3.10k_MinRackTrvl_HwDeg_f32=Max
TS3.11k_MinRackTrvl_HwDeg_f32=Max
TS3.11k_MaxRackTrvl_HwDeg_f32=Max
TS3.11k_MaxRackTrvl_HwDeg_f32=Max
TS3.13k_MaxRackTrvl_HwDeg_f32=Pos
TS3.15CCWEOTFound_Cnt_lgc=Min
TS3.16CCWEOTFound_Cnt_lgc=Min
TS3.18CWEOTFound_Cnt_lgc=Max
TS3.19LrnEOT_ResetLimitReq_Cnt_M_lgc=Min
TS3.20LrnEOT_ResetLimitReq_Cnt_M_lgc=Min
TS3.20LrnEOT_ResetLimitReq_Cnt_M_lgc=Max
TS3.17REC Call SystemTime of TS3.25 TRE CALL SystemTime of TS3.20 TRE Call SystemTime of TS3.

TS3.20LmEOT_ResetLimitRed_Citi_m_igc=Mini TS3.20LmEOT_ResetLimitReq_Cnt_M_igc=Max TS3.21Rte_Call_SystemTime_GetSystemTime_mS_u32=Min TS3.22Rte_Call_SystemTime_GetSystemTime_mS_u32=Max TS3.23Rte_Call_SystemTime_GetSystemTime_mS_u32=Pos

Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_0	GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT		
k_MaxRackTrvl_HwDeg_f32	360		
k_MinRackTrvl_HwDeg_f32	360		
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	360		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1440.10999		
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u332_CurrentTime_m$	0		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_Igc	target_LrnEOT_Init1_CCWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_	_f32	
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f3	32	
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	0	0	•
LrnEOT_CwEOTTimer_mS_M_u32	0	0	•
LrnEOT ResetLimitReq Cnt M lgc	0	0	





Name	Actual Value	Expected Value	Result
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	✓
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-360	-360 ± 0.0625	~
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	✓
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	360	360 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	360	360 ± 0.0625	✓
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-360	-360 ± 0.0625	✓
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

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Actual Function	Count	Expected Function	Count	Result
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 3.2 (Repeat Count = 1)			✓
Name	Input Value		
LrnEOT ResetLimitReq Cnt M Igc	1		
Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap LrnEOT SystemTime	GetSystemTime mS u32 CurrentTime	
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT	<u> </u>	
k_MaxRackTrvl_HwDeg_f32	1440		
k_MinRackTrvl_HwDeg_f32	1440		
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1440.10999		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-360		
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	4294967295		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_lgc	target_LrnEOT_Init1_CCWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg	_f32	
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_	f32	
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	4294967295	4294967295	~
LrnEOT_CwEOTTimer_mS_M_u32	4294967295	4294967295	✓
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	~
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-1440	-1440 ± 0.0625	~
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	✓
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	1440	1440 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1440	1440 ± 0.0625	~
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1440	-1440 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	•
target Pim LearnedEOT.CCWEOTFound Cnt Igc	0	0	~

T				✓
Actual Function	Count	Expected Function	Count	Result
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	✓
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~
Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32	1	Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32	1	✓

Test Step 3.3 (Repeat Count = 1)	·
Name	Input Value
LrnEOT_ResetLimitReq_Cnt_M_lgc	1
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT
k_MaxRackTrvl_HwDeg_f32	763.020996
k_MinRackTrvl_HwDeg_f32	400.020996
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	360
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-445.002014
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	80
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_Igc	target_LrnEOT_Init1_CCWFound_Cnt_lgc
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_f32



Name	Input Value				
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc				
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f	target_LrnEOT_Init1_CWPosition_HwDeg_f32			
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT				
Name	Actual Value	Expected Value	Result		
LrnEOT_CcwEOTTimer_mS_M_u32	80	80	~		
LrnEOT_CwEOTTimer_mS_M_u32	80	80	~		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	•		
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	•		
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-400.020996	-400.020996 ± 0.0625	•		
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	•		
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	400.020996	400.020996 ± 0.0625	~		
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	400.020996	400.020996 ± 0.0625	•		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-400.020996	-400.020996 ± 0.0625	~		
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	•		
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~		

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Actual Function	Count	Expected Function	Count	Result
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~
Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32	1	Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32	1	✓

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Test Step 3.4 (Repeat Count = 1)			~	
Name	Input Value			
LmEOT_ResetLimitReq_Cnt_M_lgc	1			
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_C	GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT			
k_MaxRackTrvl_HwDeg_f32	360.122009			
k_MinRackTrvl_HwDeg_f32	400.122009			
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1440.10999			
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-456.203003			
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1			
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1			
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	90			
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_Igc	target_LrnEOT_Init1_CCWFound_Cnt_lgc			
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_f32			
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc			
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f32			
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT			
Name	Actual Value	Expected Value	Result	
LrnEOT_CcwEOTTimer_mS_M_u32	90	90	~	
LrnEOT_CwEOTTimer_mS_M_u32	90	90	~	
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~	
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	~	
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-400.122009	-400.122009 ± 0.0625	~	
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	~	
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	400.122009	400.122009 ± 0.0625	~	
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	400.122009	400.122009 ± 0.0625	~	
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-400.122009	-400.122009 ± 0.0625	~	
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~	
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~	

T				✓
Actual Function	Count	Expected Function	Count	Result
ResetEOT	1	ResetEOT	1	•
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	•
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	~

Test Step 3.5 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_ResetLimitReq_Cnt_M_lgc	1
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT
k_MaxRackTrvl_HwDeg_f32	600.002014

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Name	Input Value		
k_MinRackTrvl_HwDeg_f32	400.002014		
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	550.450012		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1100.00195		
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	100		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_lgc	target_LrnEOT_Init1_CCWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_	<u>f</u> 32	
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_Igc	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f32		
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	100	100	~
LrnEOT_CwEOTTimer_mS_M_u32	100	100	•
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	-
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	~
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-400.002014	-400.002014 ± 0.0625	•
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	~
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	400.002014	400.002014 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	400.002014	400.002014 ± 0.0625	~
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-400.002014	-400.002014 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

Τ				✓
Actual Function	Count	Expected Function	Count	Result
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	✓
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	•

Test Step 3.6 (Repeat Count = 1)	v v v v v v v v v v v v v v v v v v v
Name	Input Value
LrnEOT_ResetLimitReq_Cnt_M_lgc	1
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT
k_MaxRackTrvl_HwDeg_f32	500.002014
k_MinRackTrvI_HwDeg_f32	800.002014
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	400.10199
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1440.10999
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u33_CurrentTim$	2 400
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_Igc	



Test Step 3.7 (Repeat Count = 1)			✓
Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	1		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_0	GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT		
k_MaxRackTrvl_HwDeg_f32	400		
k_MinRackTrvl_HwDeg_f32	500		
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	500.25		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-360		
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	500		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_lgc	target_LrnEOT_Init1_CCWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_	_f32	
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f3	32	
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	500	500	~
LrnEOT_CwEOTTimer_mS_M_u32	500	500	~
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	~
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-500	-500 ± 0.0625	~
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	~
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	500	500 ± 0.0625	•
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	500	500 ± 0.0625	•
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-500	-500 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	•
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

Т				
Actual Function	Count	Expected Function	Count	Result
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	•

Test Step 3.8 (Repeat Count = 1)			✓
Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	1		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_0	GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT		
k_MaxRackTrvl_HwDeg_f32	700.526001		
k_MinRackTrvl_HwDeg_f32	650.526001		
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	400.119995		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-650.25		
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	600		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_lgc	target_LrnEOT_Init1_CCWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_	_f32	
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f3	32	
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	600	600	~
LrnEOT_CwEOTTimer_mS_M_u32	600	600	✓
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	✓
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-650.526001	-650.526001 ± 0.0625	~
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	•
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	650.526001	650.526001 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	650.526001	650.526001 ± 0.0625	•
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-650.526001	-650.526001 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	•
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	•



T				✓
Actual Function	Count	Expected Function	Count	Result
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~
Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32	1	Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32	1	✓

Test Step 3.9 (Repeat Count = 1)			✓
Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	1		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_0	GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT		
k_MaxRackTrvl_HwDeg_f32	750.526001		
k_MinRackTrvl_HwDeg_f32	360		
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	500.526001		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-800.236023		
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	900		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_lgc	target_LrnEOT_Init1_CCWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_	_f32	
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f	32	
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	900	900	~
LrnEOT_CwEOTTimer_mS_M_u32	900	900	•
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	✓
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-360	-360 ± 0.0625	~
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	~
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	360	360 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	360	360 ± 0.0625	✓
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-360	-360 ± 0.0625	•
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

T				✓
Actual Function	Count	Expected Function	Count	Result
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~
Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32	1	Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32	1	✓

Test Step 3.10 (Repeat Count = 1)			✓
Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	1		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_0	GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT		
k_MaxRackTrvl_HwDeg_f32	456.153992		
k_MinRackTrvl_HwDeg_f32	1440		
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	600.005981		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-370.122986		
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u33_CurrentTim$	10		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_Igc	target_LrnEOT_Init1_CCWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_	_f32	
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f3	32	
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	10	10	~
LrnEOT_CwEOTTimer_mS_M_u32	10	10	~
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	~





Name	Actual Value	Expected Value	Result
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-1440	-1440 ± 0.0625	
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	✓
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	1440	1440 ± 0.0625	✓
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1440	1440 ± 0.0625	✓
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1440	-1440 ± 0.0625	✓
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✓
target Pim LearnedEOT.CCWEOTFound Cnt Igc	0	0	✓

Τ				V
Actual Function	Count	Expected Function	Count	Result
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	•
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	•

Test Step 3.11 (Repeat Count = 1)			✓
Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	1		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_	GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT		
k_MaxRackTrvl_HwDeg_f32	567.151978		
k_MinRackTrvl_HwDeg_f32	450.51001		
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	600.122986		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-400.019989		
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	20		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_Igc	target_LrnEOT_Init1_CCWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg	_f32	
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f	32	
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	20	20	-
LrnEOT_CwEOTTimer_mS_M_u32	20	20	✓
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	~
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-450.51001	-450.51001 ± 0.0625	-
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	-
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	450.51001	450.51001 ± 0.0625	-
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	450.51001	450.51001 ± 0.0625	~
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-450.51001	-450.51001 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	-

T				✓
Actual Function	Count	Expected Function	Count	Result
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	✓
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~
Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32	1	Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32	1	✓

Test Step 3.12 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_ResetLimitReq_Cnt_M_lgc	1
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT
k_MaxRackTrvl_HwDeg_f32	360
k_MinRackTrvl_HwDeg_f32	650.52301
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	700.153992
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-400.52301
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	80
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_lgc	target_LrnEOT_Init1_CCWFound_Cnt_lgc
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_f32



Name	Input Value		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_Igc	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f	32	
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LmEOT_CcwEOTTimer_mS_M_u32	80	80	~
LrnEOT_CwEOTTimer_mS_M_u32	80	80	✓
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✓
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	✓
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-650.52301	-650.52301 ± 0.0625	✓
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	✓
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	650.52301	650.52301 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	650.52301	650.52301 ± 0.0625	✓
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-650.52301	-650.52301 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	•

T				
Actual Function	Count	Expected Function	Count	Result
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	~

Test Step 3.13 (Repeat Count = 1)			~
Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	1		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime	_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT		
k_MaxRackTrvl_HwDeg_f32	1440		
k_MinRackTrvl_HwDeg_f32	700.89502		
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	700.89502		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-700.89502		
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	90		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_Igc	target_LrnEOT_Init1_CCWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDe	g_f32	
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg	_f32	
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	90	90	~
LrnEOT_CwEOTTimer_mS_M_u32	90	90	~
LrnEOT_ResetLimitReq_Cnt_M_lgc	1	1	~
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	1	1	~
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-700.89502	-700.89502 ± 0.0625	~
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	1	1	~
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	700.89502	700.89502 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	700.89502	700.89502 ± 0.0625	~
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-700.89502	-700.89502 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	~
target Pim LearnedEOT.CCWEOTFound Cnt lgc	1	1	_

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	~

Test Step 3.14 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_ResetLimitReq_Cnt_M_lgc	1
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT
k_MaxRackTrvl_HwDeg_f32	450.450012
k_MinRackTrvl_HwDeg_f32	500.222992
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	500.222992
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-500.222992

target_LrnEOT_Init1_CWFound_Cnt_lgc.value

target_LrnEOT_Init1_CWPosition_HwDeg_f32.value

target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc

 $target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc$

target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32

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Input Value target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc 0 $target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc$ $target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$ 100 $target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_lgc$ target_LrnEOT_Init1_CCWFound_Cnt_lgc target_LrnEOT_Init1_CCWPosition_HwDeg_f32 $target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32$ $target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc$ target_LrnEOT_Init1_CWFound_Cnt_lgc target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32 target_LrnEOT_Init1_CWPosition_HwDeg_f32 $target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT$ $target_Pim_LearnedEOT$ Actual Value **Expected Value** Name LrnEOT_CcwEOTTimer_mS_M_u32 100 100 $LrnEOT_CwEOTTimer_mS_M_u32$ LrnEOT_ResetLimitReq_Cnt_M_lgc 0 0 target_LrnEOT_Init1_CCWFound_Cnt_lgc.value 0 0 target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value -500.222992 -500.222992 ± 0.0625

0

0

0

500.222992 ± 0.0625

500.222992 ± 0.0625

-500.222992 ± 0.0625

T				✓
Actual Function	Count	Expected Function	Count	Result
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	•
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~
Pto Call An ImpEOT SystemTime CotSystemTime ms us2	1	Pto Call An ImpEOT SystemTime GotSystemTime ms u32	1	

0

0

500.222992

500.222992

-500.222992

Test Step 3.15 (Repeat Count = 1)			✓
Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	1		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_0	GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT		
k_MaxRackTrvl_HwDeg_f32	650.114014		
k_MinRackTrvl_HwDeg_f32	834.114014		
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	800.101013		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-600.255981		
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	200		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_lgc	target_LrnEOT_Init1_CCWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_f32		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f3	32	
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	200	200	~
LrnEOT_CwEOTTimer_mS_M_u32	200	200	~
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	~
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-834.114014	-834.114014 ± 0.0625	~
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	✓
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	834.114014	834.114014 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	834.114014	834.114014 ± 0.0625	•
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-834.114014	-834.114014 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	•
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	•

Τ				V
Actual Function	Count	Expected Function	Count	Result
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~
Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32	1	Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32	1	✓





Name	Input Value		
LrnEOT ResetLimitReg Cnt M lgc	1		
Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap LrnEOT SystemTime	GetSystemTime mS u32 CurrentTime	
Rte Inst Ap LrnEOT	target Rte Inst Ap LrnEOT		
k_MaxRackTrvl_HwDeg_f32	750.963013		
k_MinRackTrvl_HwDeg_f32	445.963013		
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	450.122986		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-600.114014		
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	300		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_Igc	target_LrnEOT_Init1_CCWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_f32		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_	_f32	
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Resul
LrnEOT_CcwEOTTimer_mS_M_u32	300	300	•
LrnEOT_CwEOTTimer_mS_M_u32	300	300	
LrnEOT_ResetLimitReq_Cnt_M_lgc	1	1	
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	1	1	•
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-600.114014	-600.114014 ± 0.0625	
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	•
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	450.122986	450.122986 ± 0.0625	
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	450.122986	450.122986 ± 0.0625	•
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-600.114014	-600.114014 ± 0.0625	•
	0	0	
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	U	, c	

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	~

Test Step 3.17 (Repeat Count = 1)			✓
Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	1		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_0	GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT		
k_MaxRackTrvl_HwDeg_f32	523.724976		
k_MinRackTrvl_HwDeg_f32	456.725006		
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	550.151978		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-700.112		
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	400		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_lgc	target_LrnEOT_Init1_CCWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_f32		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f3	32	
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	400	400	~
LrnEOT_CwEOTTimer_mS_M_u32	400	400	~
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	~
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-456.725006	-456.725006 ± 0.0625	~
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	~
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	456.725006	456.725006 ± 0.0625	✓
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	456.725006	456.725006 ± 0.0625	~
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-456.725006	-456.725006 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~



T				
Actual Function	Count	Expected Function	Count	Result
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~
Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32	1	Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32	1	•

Test Step 3.18 (Repeat Count = 1)			✓	
Name	Input Value			
LrnEOT_ResetLimitReq_Cnt_M_lgc	0			
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_0	GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT			
k_MaxRackTrvl_HwDeg_f32	834.255981			
k_MinRackTrvl_HwDeg_f32	567.255981			
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	850.15802			
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-700.002014			
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1			
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0			
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	500			
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_Igc	target_LrnEOT_Init1_CCWFound_Cnt_lgc			
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_	_f32		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc			
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f3	32		
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT			
Name	Actual Value	Expected Value	Result	
LrnEOT_CcwEOTTimer_mS_M_u32	500	500	~	
LrnEOT_CwEOTTimer_mS_M_u32	500	500	•	
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	•	
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	•	
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-567.255981	-567.255981 ± 0.0625	•	
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	✓	
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	567.255981	567.255981 ± 0.0625	~	
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	567.255981	567.255981 ± 0.0625	•	
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-567.255981	-567.255981 ± 0.0625	~	
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	•	
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~	

T				V
Actual Function	Count	Expected Function	Count	Result
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	~

Test Step 3.19 (Repeat Count = 1)			✓
Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime	_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT		
k_MaxRackTrvl_HwDeg_f32	545.226013		
k_MinRackTrvl_HwDeg_f32	678.226013		
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	650.236023		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-800.963013		
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u32_CurrentTime_mS_u33_CurrentTim$	ne 600		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_Igc	target_LrnEOT_Init1_CCWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDe	g_f32	
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg	_f32	
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	600	600	-
LrnEOT_CwEOTTimer_mS_M_u32	600	600	•
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	•
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	•
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-678.226013	-678.226013 ± 0.0625	•

LrnEOT_Init1



Name	Actual Value	Expected Value	Result
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	678.226013	678.226013 ± 0.0625	✓
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	678.226013	678.226013 ± 0.0625	✓
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-678.226013	-678.226013 ± 0.0625	✓
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✓
target Dim LearnedEOT CCWEOTEquad Cat Igo	0	0	

Τ				✓
Actual Function	Count	Expected Function	Count	Result
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	✓
Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32	1	Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32		





Name	Input Value		
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	0	0	~
LrnEOT_CwEOTTimer_mS_M_u32	0	0	✓
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✓
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	✓
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-654.151978	-654.151978 ± 0.0625	✓
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	✓
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	654.151978	654.151978 ± 0.0625	✓
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	654.151978	654.151978 ± 0.0625	✓
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-654.151978	-654.151978 ± 0.0625	✓
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✓
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✓

Τ				
Actual Function	Count	Expected Function	Count	Result
ResetEOT	1	ResetEOT	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	~

Test Step 3.22 (Repeat Count = 1)			✓	
Name	Input Value			
LrnEOT ResetLimitReg Cnt M lgc	1			
Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap LrnEOT SystemTime (GetSystemTime mS u32 CurrentTime		
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT			
k_MaxRackTrvl_HwDeg_f32	550.236023			
k_MinRackTrvl_HwDeg_f32	650.236023			
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	750.236023			
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-550.236023			
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1			
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1			
target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	4294967295			
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_lgc	target_LrnEOT_Init1_CCWFound_Cnt_lgc			
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_	_f32		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc			
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f3	32		
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT			
Name	Actual Value	Expected Value	Result	
LrnEOT_CcwEOTTimer_mS_M_u32	4294967295	4294967295	~	
LrnEOT_CwEOTTimer_mS_M_u32	4294967295	4294967295	~	
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~	
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	~	
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-650.236023	-650.236023 ± 0.0625	~	
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	•	
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	650.236023	650.236023 ± 0.0625	~	
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	650.236023	650.236023 ± 0.0625	•	
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-650.236023	-650.236023 ± 0.0625	~	
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✓	
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~	

T ✓								
Actual Function	Count	Expected Function	Count	Result				
ResetEOT	1	ResetEOT	1	~				
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	✓				
Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_WriteBlock	1	~				
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	✓				

Test Step 3.23 (Repeat Count = 1)		
Name	Input Value	
LrnEOT_ResetLimitReq_Cnt_M_lgc	1	
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT	
k_MaxRackTrvl_HwDeg_f32	800.122986	
k_MinRackTrvI_HwDeg_f32	800.122986	
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	800.122986	

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Name	Input Value		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-800.122986		
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	20000		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_Igc	target_LrnEOT_Init1_CCWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_f32		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f32		
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	20000	20000	~
LrnEOT_CwEOTTimer_mS_M_u32	20000	20000	~
LrnEOT_ResetLimitReq_Cnt_M_lgc	1	1	~
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	1	1	✓
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-800.122986	-800.122986 ± 0.0625	~
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	1	1	✓
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	800.122986	800.122986 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	800.122986	800.122986 ± 0.0625	✓
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-800.122986	-800.122986 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	~
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	~

T							
Actual Function	Count	Expected Function	Count	Result			
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	~			