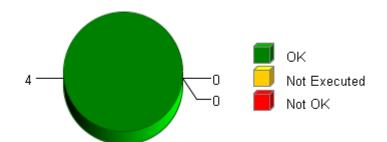


Summary

Overall Test Object Results (including Coverage)



Date: 2014-08-26 **Time:** 16:22:29+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

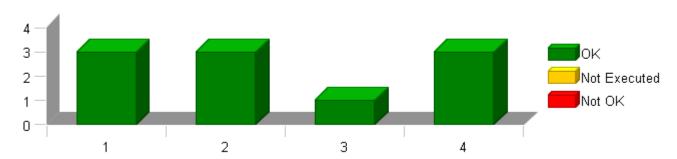
Check Interface: No
Generate Driver: No
Execute Test: Yes
Create New Test Run: No

Instrumentation: Test Object Only

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

Decision Coverage, Multiple Condition Coverage

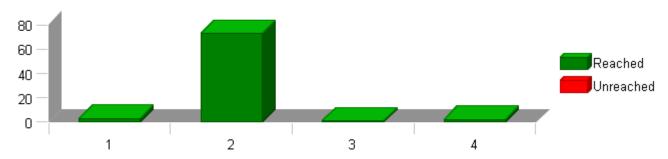
Test Case Results for Each Test Object (without Coverage)



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).

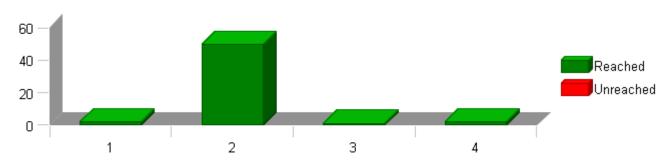


Statement (C0) Coverage: Total Statements for Each Test Object



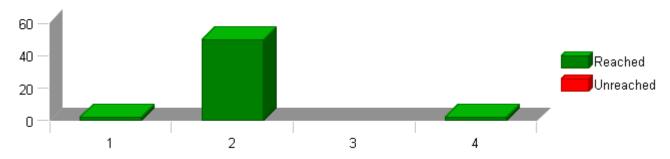
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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

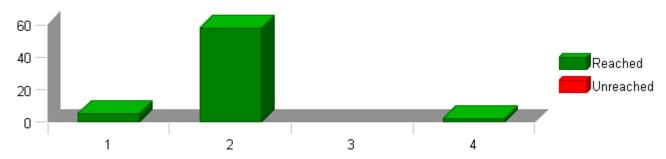


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



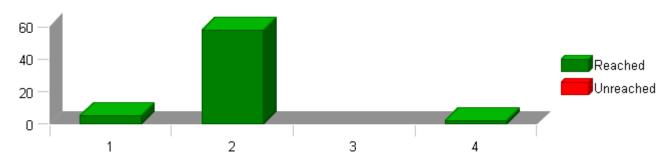
MC/DC Coverage: Total Condition Combinations for Each Test Object



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 OVERVIEW REPORT

2014-08-26, 16:22:29+0530



Test Object List

Project LrnEOT

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	МСС	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	ResetEOT	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	~

© Report created by TESSY V3.1.7, report template V2.0

2014-08-26, 16:22:16+0530





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	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.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
Time Unit	Cycles

2014-08-26, 16:22:16+0530





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	✓		

Test Step Call Trace				
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	✓	

Test Step Call Trace						
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			
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	✓	

Test Step Call Trace				✓
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 2.2 (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	~	

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~		



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	✓	

Test Step Call Trace				✓
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	✓

Test Step Call Trace				
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		
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	✓





Test Step Call Trace				•
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	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	~

Test Step 3.5 (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	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	✓

Test Step Call Trace				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	360	
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	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	·

Test Step Call Trace				✓
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_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT

2014-08-26, 16:22:16+0530



ResetEOT

Name	Input Value			
k_MinRackTrvl_HwDeg_f32	1440			
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	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	✓	

Test Step Call Trace				✓
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	✓

LrnEOT_Per1

2014-08-26, 16:20:25+0530



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	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	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\src</pre>
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	<pre>\$(ProgramFiles)\pls\UDE 3.2</pre>
Time Unit	Cycles

2014-08-26, 16:20:25+0530

LrnEOT_Per1



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_Per1_CP0_CheckpointReached	
Rte_Call_LrnEOT_Per1_CP1_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

© Report created by TESSY V3.1.7, report template V2.1

3

LrnEOT_Per1

2014-08-26, 16:20:25+0530



Test Case 2: Path Test

2014-08-26, 16:20:25+0530

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



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

2014-08-26, 16:20:25+0530





Name	Input Value			
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	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_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_	Time 4567			
$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_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_m$	e 60			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_C	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cn	ıt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_H	HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPo	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAu	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPo	sition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_Hv	vNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_M	ltrRadpS_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	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	✓	

Test Step Call Trace					
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 ChecknointReached	1	Rte Call LrnEOT Per1 CP1 CheckpointReached	1	-	

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_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_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	-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	~

Test Step Call Trace					
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		
LmEOT CcwEOTTimer mS M u32	80		
LmEOT CwEOTTimer mS M u32	457		
LmEOT 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		
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	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_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_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	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_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	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	

2014-08-26, 16:20:25+0530



LrnEOT_Per1

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	✓

Test Step Call Trace				
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	0.30000012		
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	

Test Step Call Trace				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		
11		
	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

Test Step Call Trace				
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

2014-08-26, 16:20:25+0530





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_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_ms_u16_ElapsedTime_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_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	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_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	~

Test Step Call Trace				✓
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_Handwhee	elAuthority_Uls_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_Handwhee	elPosition_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	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	-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	~

Test Step Call Trace				
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_SystemTim	ne_DtrmnElapsedTime_mS_u16_ElapsedT	ime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTim	ne_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_UIs_f32	0.800000012		
k_MtrVelEOTLrn_MtrRadpS_f32	900		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.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_ElapsedTine	me 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_lc	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_Hwl		
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 HwDe	eg f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt LrnEOT Per1 DiagStsHwPosDis	Cnt Igc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthorit	ty Uls f32	
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_MtrRad		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt Pim LearnedEOT	· -	
Name	Actual Value	Expected Value	Resul
LrnEOT ResetLimitReq Cnt M lgc	0	0	rtooui
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	
		000 <u></u> 0000	1

-950.122986

0

 $tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32$

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

-950.122986 ± 0.0625

0



Test Step Call Trace				
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			
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	SystemTime mS u32 CurrentTime		
Rte Inst Ap LrnEOT	tgt Rte Inst Ap LrnEOT			
k_AuthorityStartLrn_Uls_f32	0.20000003			
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	3.29999995			
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	23			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	00			
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	-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		

Test Step Call Trace				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_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	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	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_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lg	gc	
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	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 LmEOT 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	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	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	1	1	~

Test Step Call Trace				✓
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

2014-08-26, 16:20:25+0530



LrnEOT_Per1

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	~

Test Step Call Trace				✓
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			
LmEOT ResetLimitReg 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	0.899999976			
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	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	e 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_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	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	•	

Test Step Call Trace				✓
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

1

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

tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc





Name	Input Value		
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	2.2999995		
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 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	1000		
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 Ig	qc	
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 ResetLimitReg 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	~

Test Step Call Trace				
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

2014-08-26, 16:20:25+0530





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_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	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	~

Test Step Call Trace				
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			
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_Dt	rmnElapsedTime_mS_u16_ElapsedTime		
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	0.300000012			
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	0.30000012			
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	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_ElapsedTir	ne 350	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_HwDeg_f	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_f3	2		
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_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	٠,	
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	1	1		
tgt_LmEOT_Per1_CCWPosition_HwDeg_f32.value	-650.122986	-650.122986 ± 0.0625	٠,	
tgt_tmEOT_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_lgc	1	1		

1

1

tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc



Test Step Call Trace				
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 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	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	e 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		
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	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	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	~

Test Step Call Trace				
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_Dt	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_Ge	etSystemTime_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	0.30000012		
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_ElapsedTin	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_Igc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32	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_Uls	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_t	f32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT ResetLimitReg Cnt M Igc	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_trnEOT_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 Igc	0	0	•
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	1	1	-

Test Step Call Trace				
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)	V
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_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_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_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	-1440.10999	-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	~

Test Step Call Trace				
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
LmEOT 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	6.099999
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
$tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSupplies and the property of the prop$	e 4567
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	60
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_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_f32

2014-08-26, 16:20:25+0530



LrnEOT_Per1

Name	Input Value		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_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	~

Test Step Call Trace				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	✓

LrnEOT_Per1

2014-08-26, 16:20:25+0530



Test Case 3: Boundary Test

2014-08-26, 16:20:25+0530

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_Cill_gle= flax
TS3.3HandwheelAuthority_Uls_f32= min
TS3.4HandwheelAuthority_Uls_f32= max
TS3.5HandwheelPosition_HwDeg_f32= min
TS3.6HandwheelPosition_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	

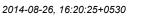


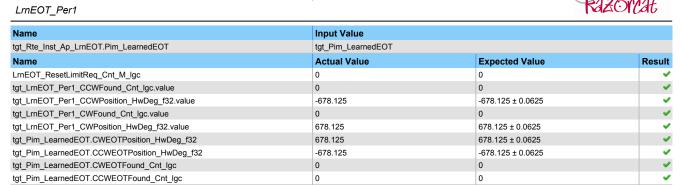


Name	Input Value		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-800.526001		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	700.002014		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-456.002991		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
$tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_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_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_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	-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	-

Test Step Call Trace					
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
LmEOT 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_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTim$	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





Test Step Call Trace				
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	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_System	nTime_DtrmnElapsedTime_mS_u16_Elapse	:dTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_System	nTime_GetSystemTime_mS_u32_CurrentTir	me
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	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_ElapsedTi	me 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_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_H	wDeg_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_HandwheelAut	hority_Uls_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPos	sition_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	rRadpS_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	-654	-654 ± 0.0625	
tgt_LmEOT_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 Igc	0	0	
tgt Pim LearnedEOT.CCWEOTFound Cnt lgc	0	0	



Test Step Call Trace					
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	~

Test Step Call Trace					
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 3.5 (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_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		
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_ElapsedTim	e 276		
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_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_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 Igc.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	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 Igc	1	1	~
tgt Pim LearnedEOT.CCWEOTFound Cnt lgc	0	0	~

Test Step Call Trace					
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	0.89999976
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





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_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_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	-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	•

Test Step Call Trace				✓
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	

Test Step Call Trace				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 3.8 (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





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_LmEOT.LmEOT_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_HwD	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LmEOT.LmEOT_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	-734.012024	-734.012024 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	734.012024	734.012024 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	734.012024	734.012024 ± 0.0625	•
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-734.012024	-734.012024 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

Test Step Call Trace				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 3.9 (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_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_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_LmEOT_Per1_DiagStsHwPosDis_Cnt_Igc



Name	Input Value		
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	-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	•

Test Step Call Trace				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 3.10 (Repeat Count = 1)			
Name	Input Value		
LrnEOT CcwEOTTimer mS M u32	600		
LmEOT CwEOTTimer mS M u32	1000		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		DtrmnElapsedTime_mS_u16_ElapsedTime	e
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_		•
Rte Inst Ap LrnEOT	tgt Rte Inst Ap LrnEOT		
k AuthorityStartLrn Uls f32	0.200000003		
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 Uls f32	0.200000003		
	150.102005		
k_MtrVelEOTLrn_MtrRadpS_f32	0		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0.5		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value			
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-450.25 4.00000000		
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			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1000		
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_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_		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	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	Resul
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	•

0

tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc

tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc

0



Test Step Call Trace				
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	SystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT			
k_AuthorityStartLrn_Uls_f32	0.600000024			
k_EOTLrnTimer_mS_u16	77	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	~	

Test Step Call Trace				
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 LmEOT Per1 CP1 ChecknointReached	1	Rte Call LmEOT Per1 CP1 ChecknointReached	1	V

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

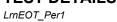




Name	Input Value		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Get	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT	
k_AuthorityStartLrn_Uls_f32	0.69999988	0.69999988	
k_EOTLrnTimer_mS_u16	88	88	
k_HwTrqEOTLrn_HwNm_f32	8.39999962		
k_MaxRackTrvl_HwDeg_f32	750.325989		
k_MinRackTrvl_HwDeg_f32	876.252991		
k_MinResetAuthority_Uls_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_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTim	e 753		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	800		
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 Igc.value	0	0	~
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-876.252991	-876.252991 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	876.252991	876.252991 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	876.252991	876.252991 ± 0.0625	✓
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-876.252991	-876.252991 ± 0.0625	-
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	-

Test Step Call Trace				
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	0.69999988
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





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_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_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	-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	~

Test Step Call Trace				✓
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)			✓
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)	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	0.89999976		
k EOTLrnTimer mS u16	111		
k HwTrqEOTLrn HwNm f32	10		
k MaxRackTrvl HwDeg f32	545.638977		
k MinRackTrvl HwDeg f32	375.256012		
k MinResetAuthority Uls f32	0.89999976		
k MtrVelEOTLrn MtrRadpS f32	11.1020002		
tgt LrnEOT Per1 DiagStsHwPosDis Cnt lgc.value	1		
tgt LrnEOT Per1 HandwheelAuthority Uls f32.value	0.800000012		
tqt LrnEOT Per1 HandwheelPosition HwDeq 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 Igc	1		
tgt Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16 ElapsedTim			
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 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_Igc	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 Hwl	_	
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 HwTorque HwNm f32	tgt LrnEOT Per1 HwTorque HwNm f32	50gto2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_trnEOT_Per1_MtrVelCRF_MtrRadpS_f	32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT	<u> </u>	
Name	Actual Value	Expected Value	Result
LrnEOT ResetLimitReg Cnt M lgc	0	0	
tgt LmEOT Per1 CCWFound Cnt Igc.value	0	0	_
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-375.256012	-375.256012 ± 0.0625	
tgt LmEOT Per1 CWFound Cnt Igc.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 Igc	0	0	
tgt Pim LearnedEOT.CCWEOTFound Cnt lgc	0	0	
tyt_riii_tearnedEOT.CCWEOTround_Cnt_lgc	U	U	

Test Step Call Trace				
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_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_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_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	~

Test Step Call Trace				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 3.16 (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_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_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_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc



Name	Input Value		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_Handwheel	Authority_Uls_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_Handwheel	Position_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	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	✓

Test Step Call Trace				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 3.17 (Repeat Count = 1)			· ·
Name	Input Value		
LrnEOT_CcwEOTTimer_mS_M_u32	90		
LrnEOT CwEOTTimer mS M u32	4000		
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	9
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	0.400000006		
k EOTLrnTimer mS u16	99		
k_HwTrqEOTLrn_HwNm_f32	8.30000019		
k_MaxRackTrvl_HwDeg_f32	856.369019		
k MinRackTrvl HwDeg f32	764.255981		
k_MinResetAuthority_UIs_f32	0.30000012		
k MtrVelEOTLrn MtrRadpS f32	99.1019974		
tgt LrnEOT Per1 DiagStsHwPosDis Cnt Igc.value	1		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.69999988		
tgt LrnEOT Per1 HandwheelPosition HwDeg f32.value	-345.153992		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.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	11.11.11	
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTim	e 543		
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_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_le	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	
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	•

0

0

0

0

 $tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc$



Test Step Call Trace			✓	
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		
LmEOT 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_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	0.5		
k_EOTLrnTimer_mS_u16	100		
k_HwTrqEOTLrn_HwNm_f32	9.30000019		
k MaxRackTrvI 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 Igc	1		
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	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		
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	-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	~

Test Step Call Trace				
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_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	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	e 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_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_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	~

Test Step Call Trace				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	0.69999988
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_Uls_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





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_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	-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	~

Test Step Call Trace				✓
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 3.21 (Repeat Count = 1)			✓
Name	Input Value		
LrnEOT_CcwEOTTimer_mS_M_u32	900		
LrnEOT CwEOTTimer mS M u32	4321		
LrnEOT ResetLimitReq Cnt M Igc	0		
Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16(ElapsedTime)	tgt Rte Call Ap LrnEOT SystemTime Dt	mnElapsedTime mS u16 ElapsedTime	
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Ge	etSystemTime mS u32 CurrentTime	
Rte Inst Ap LrnEOT	tgt_Rte_Inst_Ap_LrnEOT	,	
k AuthorityStartLrn Uls f32	0.40000006		
k_EOTLrnTimer_mS_u16	900		
k HwTrgEOTLrn HwNm f32	8.60000038		
k MaxRackTrvl HwDeg f32	758.210022		
k MinRackTrvl HwDeg f32	654		
k MinResetAuthority UIs f32	0.30000012		
k MtrVelEOTLrn MtrRadpS f32	90.012001		
tgt LrnEOT Per1 DiagStsHwPosDis Cnt Igc.value	1		
tgt LrnEOT Per1 HandwheelAuthority Uls f32.value	0.69999988		
tgt LrnEOT Per1 HandwheelPosition HwDeg f32.value	150.263		
tgt LrnEOT Per1 HwTorque HwNm f32.value	1.29999995		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-800.10199		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	966.122986		
tgt Pim LearnedEOT.CCWEOTPosition HwDeg f32	-600.255981		
tgt Pim LearnedEOT.CWEOTFound Cnt Igc	1		
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	1		
tgt Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16 ElapsedTin	ne 222		
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 f	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	2	
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		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt LrnEOT Per1 HandwheelPosition Hwl	_	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt LrnEOT Per1 HwTorque HwNm f32	<u> </u>	
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	-654	-654 ± 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	-654	-654 ± 0.0625	-
tgt Pim LearnedEOT.CWEOTFound Cnt Igc	0	0	•
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	0	0	

Test Step Call Trace				
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 3.22 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	10
LrnEOT_CwEOTTimer_mS_M_u32	4526
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	0.5
k_EOTLrnTimer_mS_u16	50
k_HwTrqEOTLrn_HwNm_f32	9.60000038
k_MaxRackTrvl_HwDeg_f32	386.011993
k_MinRackTrvl_HwDeg_f32	764.255981
k_MinResetAuthority_Uls_f32	0.40000006
k_MtrVelEOTLrn_MtrRadpS_f32	100.236
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	1





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_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	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	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	~

Test Step Call Trace				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 3.23 (Repeat Count = 1)	🗸
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	487
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	0.600000024
k_EOTLrnTimer_mS_u16	60
k_HwTrqEOTLrn_HwNm_f32	7.30000019
k_MaxRackTrvI_HwDeg_f32	457.02301
k_MinRackTrvl_HwDeg_f32	375.256012
k_MinResetAuthority_Uls_f32	0
k_MtrVelEOTLrn_MtrRadpS_f32	200.011993
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.899999976
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	250.125
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.5
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-123.157997
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	500.122986
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-700.252991
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
$tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTim$	444
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_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc



Name	Input Value		
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	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	~

Test Step Call Trace				✓
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 3.24 (Repeat Count = 1)			
Name	Input Value		
LmEOT_CcwEOTTimer_mS_M_u32	855		
LrnEOT_CwEOTTimer_mS_M_u32	276		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		me_DtrmnElapsedTime_mS_u16_Elapsed	
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)		me_GetSystemTime_mS_u32_CurrentTim	ne
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.69999988		
k_EOTLrnTimer_mS_u16	70		
k_HwTrqEOTLrn_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	0.100000001		
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 ElapsedT	ime 555		
tgt Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32 CurrentTime	30		
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_Hw		
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 CWFound Cnt Igc	tgt LrnEOT Per1 CWFound Cnt Ig		
tgt Rte Inst Ap LmEOT.LmEOT Per1 CWPosition HwDeg f32	tgt LrnEOT Per1 CWPosition HwD		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDia	v -	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthor		
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 HandwheelPosition HwDeg f32	tgt LrnEOT Per1 HandwheelPositio		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNn		
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 MtrVelCRF MtrRadpS f32	tgt LrnEOT Per1 MtrVelCRF MtrR:	_	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt Pim LearnedEOT	ацро_132	
		Funcated Value	Danu
Name	Actual Value	Expected Value 0	Resu
LrnEOT_ResetLimitReq_Cnt_M_lgc	1	· ·	
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	
tat Dim LoornodEOT CCWEOTEound Cat Igo	1.0	10	1 4

0



Test Step Call Trace				
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)			✓
Name	Input Value		
LrnEOT_CcwEOTTimer_mS_M_u32	543		
LmEOT CwEOTTimer mS M u32	1667		
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	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 MinRackTrvI HwDeg f32	900		
k_MinResetAuthority_UIs_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_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	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	~

Test Step Call Trace					
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 3.26 (Repeat Count = 1)		
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			
k_AuthorityStartLrn_Uls_f32	0.600000024	0.60000024		
k_EOTLrnTimer_mS_u16	100	100		
k_HwTrqEOTLrn_HwNm_f32	1.20000005			
k_MaxRackTrvl_HwDeg_f32	360			
k_MinRackTrvl_HwDeg_f32	666.10199	366.10199		
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	~	

Test Step Call Trace					
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	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	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	-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	~

Test Step Call Trace				
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		
	753		
LrnEOT_CcwEOTTimer_mS_M_u32	1235		
LrnEOT_CWEOTTimer_mS_M_u32	0		
LrnEOT_ResetLimitReq_Cnt_M_lgc			
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Dtrn		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Get	System Time_mS_u32_Current Time	
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_Igc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_le	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		
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	Resu
LrnEOT ResetLimitReg Cnt M lgc	0	0	





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	~

Test Step Call Trace				
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)	· - ·	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
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	tgt LrnEOT Per1 CCWPosition HwDeg 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	`	

Test Step Call Trace				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 3.30 (Repeat Count = 1)				
Name	Input Value			
LrnEOT_CcwEOTTimer_mS_M_u32	563			
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_G	etSystemTime_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_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	444.02301			
tgt Pim LearnedEOT.CCWEOTPosition HwDeg f32	-368.122986			
tgt Pim LearnedEOT.CWEOTFound Cnt Igc	0			
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	1			
tgt Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16 ElapsedTir	ne 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	f32		
tgt_Rte_Inst_Ap_LmEOT.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			
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 Hw	_		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt LrnEOT Per1 HwTorque HwNm f32	.50 <u>9_</u> 102		
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	.102		
	·	Even este d Value	Decul	
Name	Actual Value	Expected Value	Result	
LrnEOT_ResetLimitReq_Cnt_M_lgc				
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	•	

Test Step Call Trace				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 3.31 (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





Input Value Landseachuthority_Uls_f32 0.300000012 0.300000012 0.300000012 0.300000012 0.300000012 0.300000012 0.300000012 0.300000012 0.300000012 0.300000012 0.300000012 0.300000012 0.300000012 0.300000012 0.300000012 0.300000012 0.300000012 0.300000012 0.300000012 0.3000000012 0.3000000012 0.3000000012 0.3000000012 0.3000000012 0.3000000012 0.3000000012 0.3000000012 0.3000000012 0.3000000012 0.30000000012 0.3000000012 0.3000000012 0.30000000012 0.30000000000000000000000000000000000				
k_MtrVelEOTLm_MtrRadpS_f32 tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value tgt_LmEOT_Per1_HandwheelAuthority_Uls_f32.value tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32.value tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32.value tgt_LmEOT_Per1_HwTorque_HwNtm_f32.value tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32.value tgt_ImEOT_Per1_MtrVelCRF_MtrRadpS_f32.value tgt_Im_LearnedEOT.CWEOTPosition_HwDeg_f32 tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc tgt_Rte_Call_Ap_LmEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime tgt_Rte_Call_Ap_LmEOT_SystemTime_DtrmnElapsedTime_mS_u32_CurrentTime tgt_Rte_Lost_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_CCWFound_Cnt_lgc 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_DiagStsHwPosDis_Cnt_lgc 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_HandwheelFosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_HandwheelFosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_HandwheelFosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_HandwheelFosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_HandwheelFosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_HandwheelFosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32	Name	Input Value		
tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	k_MinResetAuthority_Uls_f32	0.300000012		
tgt_LmEOT_Per1_HandwheelAuthority_Uls_f32.value	k_MtrVelEOTLrn_MtrRadpS_f32	333.235992		
tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32.value	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32.value tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32.value tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc tgt_Rte_Call_Ap_LmEOT_SystemTime_DtrmmElapsedTime_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_CWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_CWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_CWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_CWFosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_BandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_HandwheelFosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_HandwheelFosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_HandwheelFosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_HandwheelFosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_HandwheelFosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_HandwheelFosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_HandwheelFosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_HandwheelFosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelFosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelFosition_Handps_f32 tgt_LmEOT_Per1_HandwheelFosition_Handp	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.40000006		
tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32.value tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 566.122986 tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc tgt_Rte_Call_Ap_LmEOT_SystemTime_DtrmnElapsedTime_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_CCWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWFound_Cnt_lgc 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_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_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_HitrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_HitrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_HitrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Pim_LearnedEOT Name Actual Value Expected Value Res	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc tgt_Rte_Call_Ap_LmEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime tgt_Rte_Call_Ap_LmEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime tgt_Rte_Call_Ap_LmEOT_LmEOT_Per1_CCWFound_Cnt_lgc 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_CWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWFound_Cnt_lgc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWFound_Cnt_lgc 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_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_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HandwheelPosition_HwDeg_f32 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_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HwTorque_HwNm_f32 tgt_LmEOT_Per1_HwTorque_HwNm_f32 tgt_LmEOT_Per1_MitvelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MitvelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MitvelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MitvelCRF_MtrRadpS_f32 tgt_LmeoT_Per1_MitvelCRF_MtrRadpS_f32 tgt_LmeoT_Per1_MitvelCRF_MtrRadpS_f32 tgt_LmeoT_Per1_MitvelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime tgt_Rte_Call_Ap_LrnEOT_LrnEOT_Per1_CCWFound_Cnt_lgc tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LrnEOT_LrnEOT_Per1_CCWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32 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_HandwheelPosition_HwDeg_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_HandwheelPosition_HwDeg_f32 tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_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_MtrVelCRF_MtrRadpS_f32 tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Pim_LearnedEOT Name Res	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150		
tgt_Pim_LearnedEOT.CWEOTFound_Ont_lgc tgt_Pim_LearnedEOT.CCWEOTFound_Ont_lgc tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_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_MitVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MitVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT Name Res	tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	566.122986		
tgl_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc tgl_Rte_Call_Ap_LrnEOT_SystemTime_DtrnnElapsedTime_mS_u16_ElapsedTime tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime tgt_Rte_Inst_Ap_LrnEOT_LrnEOT_Per1_CCWFound_Cnt_lgc tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_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_MitVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LrnEOT.Pirn_LearnedEOT Name O O O SOOO 4 SOOO 4 TIOO 4 TIOO 5 T	tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986		
tgt_Rte_Call_Ap_LmEOT_SystemTime_DtrmnElapsedTime 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_CCWFound_Cnt_lgc tgt_LmEOT_Per1_CCWFound_Cnt_lgc tgt_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_DiagStsHwPos_G32 tgt_LmEOT_Per1_DiagStsHwPos_Dis_Cnt_lgc tgt_LmEOT_Per1_DiagStsHwPos_Dis_Cnt_lgc tgt_LmEOT_Per1_DiagStsHwPos_Dis_Cnt_lgc tgt_LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_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_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Per1_MtrVe	tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime tgt_Rte_Inst_Ap_LrnEOT_LrnEOT_Per1_CCWFound_Cnt_Igc tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_Igc tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LrnEOT_Per1_HandwheelAuthority_UIs_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_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LrnEOT.Pirn_LearnedEOT Name 1000 tgt_LrnEOT_Per1_CWFound_Cnt_Igc tgt_LrnEOT_Per1_CWPosition_HwDeg_f32 tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LrnEOT_Per1_HandwheelAuthority_UIs_f32 tgt_LrnEOT_Per1_HandwheelAuthority_UIs_f32 tgt_LrnEOT_Per1_HandwheelAuthority_UIs_f32 tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_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_MtrVelCRF_MtrRadpS_f32 tgt_PirnLearnedEOT Name Reserved Reser	tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CCWFound_Cnt_Igc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CCWFound_Cnt_Igc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CCWFound_Cnt_Igc tgt_LmEOT_Per1_CCWPosition_HwDeg_f32 tgt_LmEOT_Per1_CWFound_Cnt_Igc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LmEOT_Per1_HandwheelAuthority_UIs_f32 tgt_LmEOT_Per1_HandwheelAuthority_UIs_f32 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_HwTorque_HwNm_f32 tgt_LmEOT_Per1_HwTorque_HwNm_f32 tgt_LmEOT_Per1_HwTorque_HwNm_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_Mt	$tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSupplies and the property of the prop$	3000		
tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CCWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWFound_Cnt_Igc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWFound_Cnt_Igc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LmEOT_Per1_HandwheelAuthority_UIs_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_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT.Pim_LearnedEOT Name tgt_LmEOT_Per1_CWPosition_HwDeg_f32 tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_Igc 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_HwTorque_HwNm_f32 tgt_LmEOT_Per1_HwTorque_HwNm_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Pim_LearnedEOT Actual Value Expected Value	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1100		
tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWFound_Cnt_Igc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_CWFound_Cnt_Igc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_DiagStsHwPosDis_Cnt_Igc 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_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT.Pim_LearnedEOT Name tgt_LmEOT_Per1_CWFound_Cnt_Igc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LmEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LmEOT_Per1_HwTorque_HwNm_f32 tgt_LmEOT_Per1_HwTorque_HwNm_f32 tgt_LmEOT_Per1_HwTorque_HwNm_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Pim_LearnedEOT Actual Value Expected Value	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_Rte_Inst_Ap_LmEOT.LmEOT_Per1_DiagStsHwPosDis_Cnt_Igc 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_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT.Pim_LearnedEOT Name tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Pim_LearnedEOT Actual Value Expected Value Res	tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32		
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_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_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LrnEOT_Pin_LearnedEOT Name tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LrnEOT_Per1_HwTorque_HwNm_f32 tgt_LrnEOT_Per1_HwTorque_HwNm_f32 tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Pin_LearnedEOT Actual Value Expected Value Res	tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_Igc	1		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_UIs_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 tgt_LrnEOT_Per1_HandwheelAuthority_UIs_f32 tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LrnEOT_Per1_HwTorque_HwNm_f32 tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Pim_LearnedEOT Actual Value Expected Value Res	tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_Rte_Inst_Ap_LrnEOT_Per1_HwTorque_HwNm_f32 tgt_Rte_Inst_Ap_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT Name tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LrnEOT_Per1_HwTorque_HwNm_f32 tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Pim_LearnedEOT Actual Value Expected Value Res	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_Rte_Inst_Ap_LmEOT.LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT.Pim_LearnedEOT tgt_Pim_LearnedEOT Actual Value tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Pim_LearnedEOT Res	tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Rte_Inst_Ap_LmEOT.Pim_LearnedEOT Name tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_Pim_LearnedEOT Actual Value Expected Value Res	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 tgt_Pim_LearnedEOT Actual Value Expected Value Res	tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
Name Actual Value Expected Value Res	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		
LrnEOT_ResetLimitReq_Cnt_M_lgc 0	Name	Actual Value	Expected Value	Result
	LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
tgt_tmEOT_Per1_CCWFound_Cnt_lgc.value 0 0	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	~
tgt_LmEOT_Per1_CCWPosition_HwDeg_f32.value -864.122986 + 0.0625	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_CWFound_Cnt_lgc.value	1	1	~
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value 566.122986 566.122986 566.122986	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	566.122986	566.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 566.122986 566.122986 566.122986	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.CCWEOTPosition_HwDeg_f32	-864.122986	-864.122986 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc 1 1	tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc 0 0	tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	

Test Step Call Trace				✓
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)	🗸
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_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	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_lgc	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_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	-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	~

Test Step Call Trace				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			
	•			
LrnEOT_CcwEOTTimer_mS_M_u32	300 563			
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		

2014-08-26, 16:20:25+0530



LrnEOT_Per1

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

Test Step Call Trace				✓
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)				
Name	Input Value			
LrnEOT_CcwEOTTimer_mS_M_u32	400	400		
LrnEOT_CwEOTTimer_mS_M_u32	487	1 87		
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_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	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	0.40000006			
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	1102.73999			
tgt Pim LearnedEOT.CCWEOTPosition HwDeg f32	-864.122986			
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0			
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	1			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	e 4000			
tgt Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32 CurrentTime	1100			
tgt_Rte_Inst_Ap_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 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 le			
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			
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	Resu	
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	Resu	
tgt LrnEOT Per1 CCWFound Cnt Igc.value	1	1		
tgt LrnEOT Per1 CCWPosition HwDeg f32.value	-864.122986	-864.122986 ± 0.0625		
		-004.122300 I 0.0023	1 '	
		0		
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0		
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	0 1102.73999	1102.73999 ± 0.0625		
tgt_tmeOT_Per1_CWFound_Cnt_lgc.value tgt_tmeOT_Per1_CWPosition_HwDeg_f32.value tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	0 1102.73999 1102.73999	1102.73999 ± 0.0625 1102.73999 ± 0.0625		
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	0 1102.73999	1102.73999 ± 0.0625		

Test Step Call Trace				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 LmEOT Per1 CP1 ChecknointReached	1	Rte Call LmEOT Per1 CP1 ChecknointReached	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	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	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_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTim$	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_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_m$	e 500			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Ci	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_Igc	tgt_LrnEOT_Per1_CWFound_Cnt	_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_H	wDeg_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_HandwheelAutl	nority_UIs_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_Hw	Nm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_Mt	rRadpS_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		

Test Step Call Trace				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_Uls_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_ElapsedTime	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_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	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_HwD	eg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LmEOT.LmEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f3	2	
tgt_Rte_Inst_Ap_LmEOT.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	-

Test Step Call Trace				✓
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 3.37 (Repeat Count = 1)	
Name	Input Value
LrnEOT CcwEOTTimer mS M u32	700
LrnEOT CwEOTTimer mS M u32	127
LrnEOT ResetLimitReg 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	0.20000003
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_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTim$	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_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





Name	Input Value			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCF	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_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	✓	

Test Step Call Trace				
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 3.38 (Repeat Count = 1)			
Name	Input Value		
LrnEOT_CcwEOTTimer_mS_M_u32	666		
LrnEOT CwEOTTimer mS M u32	376		
LrnEOT ResetLimitReq Cnt M lgc	1		
Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Dt	rmnFlansedTime mS u16 FlansedTime	
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	0.5		
k EOTLrnTimer mS u16	22		
k HwTrqEOTLrn HwNm f32	5.0999999		
k MaxRackTrvl HwDeg f32	678.125		
k_MinRackTrvI_HwDeg_f32	764.255981		
k MinResetAuthority Uls f32	0.5		
k MtrVelEOTLrn MtrRadpS f32	10.1020002		
tgt LrnEOT Per1 DiagStsHwPosDis Cnt Igc.value	1		
tgt LrnEOT Per1 HandwheelAuthority Uls f32.value	0.800000012		
tgt LrnEOT Per1 HandwheelPosition HwDeg f32.value	666.255981		
tgt LrnEOT Per1 HwTorque HwNm f32.value	1.29999995		
tgt LrnEOT Per1 MtrVelCRF MtrRadpS f32.value	-600.236023		
tgt Pim LearnedEOT.CWEOTPosition HwDeg f32	755.119995		
tgt Pim LearnedEOT.CCWEOTPosition HwDeg f32	-1440.10999		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	0		
tgt Rte Call Ap LrnEOT SystemTime DtrmnElapsedTime mS u16 ElapsedTime	e 456		
tgt Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32 CurrentTime	10		
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 f	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 f3:	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt LrnEOT Per1 DiagStsHwPosDis Cnt	Igc	
tgt Rte Inst Ap LrnEOT.LrnEOT Per1 HandwheelAuthority Uls f32	tgt LrnEOT Per1 HandwheelAuthority UI	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	Result
LrnEOT ResetLimitReq Cnt M lgc	0	0	•
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	•
tgt LmEOT 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	•



Test Step Call Trace					
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	ne 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_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	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	-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	~

Test Step Call Trace				
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 3.40 (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_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	0.69999988		
k_EOTLrnTimer_mS_u16	44		
k_HwTrqEOTLrn_HwNm_f32	7.80000019		
k_MaxRackTrvl_HwDeg_f32	876.252991		
k_MinRackTrvl_HwDeg_f32	654		
k_MinResetAuthority_UIs_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_ElapsedTim	e 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_	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_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt	_lgc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_U	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	•
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_trnEOT_Per1_CWPosition_HwDeg_f32.value	654	654 ± 0.0625	٠,
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	654	654 ± 0.0625	
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-654	-654 ± 0.0625	٠,
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	
tgt Pim LearnedEOT.CCWEOTFound Cnt lgc	0	0	•

Test Step Call Trace				
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





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_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_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_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	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	~

Test Step Call Trace				
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	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	v	
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		

Test Step Call Trace				
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_UIs_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	0.40000006		
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	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		
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	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	~

Test Step Call Trace					
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_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	

2014-08-26, 16:20:25+0530

LrnEOT_Per1



Name	Input Value		
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	2	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS	5_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	784.14502	784.14502 ± 0.0625	✓
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	784.14502	784.14502 ± 0.0625	✓
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-584.36499	-584.36499 ± 0.0625	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✓
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

Test Step Call Trace				✓
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 1235 LmEOT_CwEOTTimer_mS_M_u32 127	
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_	_LmEOT
k_AuthorityStartLrn_Uls_f32 0.100000001	
k_EOTLrnTimer_mS_u16 60	
k_HwTrqEOTLrn_HwNm_f32 8.19999981	
k_MaxRackTrvl_HwDeg_f32 764.255981	
k_MinRackTrvl_HwDeg_f32 789.562988	
k_MinResetAuthority_Uls_f32 0.800000012	
k_MtrVelEOTLrn_MtrRadpS_f32 1100	
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value 0	
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value 0.100000001	
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value -743.320984	
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value 2.5999999	
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value 345.10199	
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 864.856018	
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32 -374.122986	
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc 1	
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc 1	
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime 163	
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime 100	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc tgt_LrnEOT_Per	1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32 tgt_LrnEOT_Per	1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc tgt_LrnEOT_Per	-1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32 tgt_LrnEOT_Per	-1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc tgt_LrnEOT_Per	-1_DiagStsHwPosDis_Cnt_Igc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LrnEOT_Per	1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_LrnEOT_Per	1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32 tgt_LrnEOT_Per	1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32 tgt_LrnEOT_Per	-1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT tgt_Pim_LearnedEOT	dEOT
Name Actual Value	Expected Value Res
LrnEOT_ResetLimitReq_Cnt_M_lgc 0	0
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value 1	1
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 864.856018	864.856018 ± 0.0625
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32 864.856018	864.856018 ± 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 1	1



Test Step Call Trace				
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 3.46 (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 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	0.200000003		
k_EOTLrnTimer_mS_u16	70		
k_HwTrqEOTLrn_HwNm_f32	9.30000019		
k MaxRackTrvI 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_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.200000003		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	284.855988		
tgt_LrnEOT_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_lgc	0		
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	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_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	-485.122986	-485.122986 ± 0.0625	~
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	~
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	0	0	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	~

Test Step Call Trace				
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 LmEOT Per1 CP1 ChecknointReached	1	Rte Call LmEOT 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_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	0		
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	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_ElapsedTime	e 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_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	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	-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	~

Test Step Call Trace				
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 LmEOT Per1 CP1 CheckpointReached	1	V

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_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	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	~

Test Step Call Trace				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	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_Dtr	mnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_Ge	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	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	954.012024		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-485.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
$tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSupplies and the property of the prop$	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_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_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_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	Resul
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	•

2014-08-26, 16:20:25+0530





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	✓

Test Step Call Trace				
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	4567			
LrnEOT CwEOTTimer mS M u32	487	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	654			
k_MinResetAuthority_Uls_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	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_ElapsedTim	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	С		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDe	eg_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	g_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_	<u>f</u> 32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRad	lpS_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	-775.122986	-775.122986 ± 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	-775.122986	-775.122986 ± 0.0625		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0		

Test Step Call Trace				
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)			×	
Name	Input Value			
LrnEOT_CcwEOTTimer_mS_M_u32	4321			
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_Dtrr	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	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	764.255981			
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	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_f3	2		
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 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 HwD			
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 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	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 Igc	0	0		
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	1	1		

Test Step Call Trace				
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)	· Carlos de la companya de la compa
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





	I		
Name	Input Value		
k_MinResetAuthority_Uls_f32	0.30000012		
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc.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_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTim$	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_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	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_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	-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	•
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	~

Test Step Call Trace				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	~

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_Cr	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_I	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPo	sDis_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAu	ithority_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	wNm_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	-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	✓	

Test Step Call Trace				
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	0.30000012		
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	

2014-08-26, 16:20:25+0530





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

Test Step Call Trace					
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		
LmEOT_CcwEOTTimer_mS_M_u32	1667		
LmEOT CwEOTTimer mS M u32	4294967295		
LrnEOT_ResetLimitReq_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	0.89999976		
k_EOTLrnTimer_mS_u16	300		
k HwTrgEOTLrn HwNm f32	1.20000005		
k MaxRackTrvI HwDeg f32	654		
k_MinRackTrvl_HwDeg_f32	654		
k_MinResetAuthority_UIs_f32	0.30000012		
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	864.856018		
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	e 1234		
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_HwD	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_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	-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_lgc	0	0	~

Test Step Call Trace						
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		
LmEOT_CwEOTTimer_mS_M_u32	1444		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		ie_DtrmnElapsedTime_mS_u16_ElapsedTi	me
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)		ne_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_MinRackTrvI_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	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	376.987		
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_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_Elapse$	ne 111		
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_lo	gc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwD	Deg_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_HwDe	g_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_HandwheelAuthorit	y Uls f32	
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_MtrRad		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Resu
LmEOT_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_trnEOT_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_132	-485.122986	-485.122986 ± 0.0625	
tgt Pim LearnedEOT.CWEOTFound Cnt lgc	1	1	
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	0	0	

Test Step Call Trace						
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_MinRackTrvI_HwDeg_f32	375.256012
k_MinResetAuthority_UIs_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_lg	jc	
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_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	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	~

Test Step Call Trace						
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	~		

est Step 3.58 (Repeat Count = 1)	
ame	Input Value
nEOT_CcwEOTTimer_mS_M_u32	4294967295
nEOT_CwEOTTimer_mS_M_u32	855
nEOT_ResetLimitReq_Cnt_M_lgc	0
e_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
e_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
e_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
AuthorityStartLrn_Uls_f32	0.5
EOTLrnTimer_mS_u16	300
HwTrqEOTLrn_HwNm_f32	1.20000005
MaxRackTrvl_HwDeg_f32	654
MinRackTrvl_HwDeg_f32	654
MinResetAuthority_Uls_f32	0.300000012
MtrVelEOTLrn_MtrRadpS_f32	333.235992
_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.400000006
_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125
_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005
_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150
_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	500.122986
_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-485.122986
_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	e 163
_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1000
_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
Rte Inst Ap LrnEOT.LrnEOT Per1 HandwheelAuthority Uls f32	tgt LrnEOT Per1 HandwheelAuthority Uls f32

2014-08-26, 16:20:25+0530





Name	Input Value		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_Handwhe	eelPosition_HwDeg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorqu	ie_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	-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	~

Test Step Call Trace				✓
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		
LmEOT_CcwEOTTimer_mS_M_u32	1000		
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_Dt	rmnElapsedTime_mS_u16_ElapsedTime	
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	0.600000024		
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_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	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_ElapsedTim	e 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_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_lgc	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	Resi
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	
tgt LrnEOT Per1 CCWFound Cnt lgc.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	
	-764.255981	-764.255981 ± 0.0625	
IUL FIIII LEAINEUEUT.UUWEUTPOSIIIOII FIWDEU 132			
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32 tqt Pim LearnedEOT.CWEOTFound Cnt lqc	0	0	

1

1

tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc



Test Step Call Trace				
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)			V
Name	Input Value		
LrnEOT_CcwEOTTimer_mS_M_u32	300		
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	0.600000024		
k EOTLrnTimer mS u16	100		
k_HwTrqEOTLrn_HwNm_f32	1.20000005		
k MaxRackTrvl HwDeg f32	764.255981		
k MinRackTrvl HwDeg f32	666.10199		
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	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_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_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	-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	~

Test Step Call Trace				✓
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 LmEOT Per1 CP1 ChecknointReached	1	Rte Call LmEOT 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





Name	Input Value		
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	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_lgc	1		
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_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_le	gc	
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	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 LmEOT 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	500.122986 ± 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 Igc	1	1	~

Test Step Call Trace				
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 LmEOT Per1 CP1 CheckpointReached	1	V

Test Step 3.62 (Repeat Count = 1)	✓
Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	80
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	0.300000012
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	1110.25
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-650.122986



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_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_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	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	~

Test Step Call Trace				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	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_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_ElapsedTime_mSu16_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	-

2014-08-26, 16:20:25+0530





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	✓

Test Step Call Trace				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 3.64 (Repeat Count = 1)			
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	e) tgt_Rte_Call_Ap_LrnEOT_Sy	stemTime_DtrmnElapsedTime_mS_u16_ElapsedTi	me
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_Sy	stemTime_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		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_Elapsed			
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTim			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFoun		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosit		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPositio		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHv		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_Handwhee	·	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_Handwhee		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque	–	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRf	F_MtrRadpS_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	-864.122986	-864.122986 ± 0.0625	
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	
tgt_LrnEOT_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	

Test Step Call Trace				
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)	Input Value		
1111111			
LmEOT_CcwEOTTimer_mS_M_u32	30		
LmEOT_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_D		me
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_G	SetSystemTime_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_ElapsedTir	ne 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	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_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 f3	32	
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_U		
tgt Rte Inst Ap LmEOT.LmEET Per1 HandwheelPosition HwDeg f32	tgt LrnEOT Per1 HandwheelPosition Hv	_	
tgt_Rte_Inst_Ap_LmEOT.LmEOT_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	Resul
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	Resul
tgt LrnEOT Per1 CCWFound Cnt Igc.value	0	0	
tgt LrnEOT Per1 CCWPosition HwDeg f32.value	-864.122986	-864.122986 ± 0.0625	
	0	-604.122960 ± 0.0025	
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	-	'	
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	

Test Step Call Trace				
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

2014-08-26, 16:20:25+0530





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	
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_treEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value 0 tgt_treEOT_Per1_HandwheelAuthority_Uls_f32.value 0 tgt_treEOT_Per1_HandwheelPosition_HwDeg_f32.value -900 tgt_treEOT_Per1_HwTorque_HwNm_f32.value -8.80000019 tgt_treEOT_Per1_MtrVelCRF_MtrRadpS_f32.value -1100	
tgl_treEOT_Per1_HandwheelAuthority_Uls_f32.value 0 tgt_treEOT_Per1_HandwheelPosition_HwDeg_f32.value -900 tgt_treEOT_Per1_HwTorque_HwNm_f32.value -8.80000019 tgt_treEOT_Per1_MtrVelCRF_MtrRadpS_f32.value -1100	
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_LmEOT_Per1_HwTorque_HwNm_f32.value -8.80000019 tgt_LmEOT_Per1_MtrVelCRF_MtrRadpS_f32.value -1100	
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value -1100	
· · · ·	
tat Pim LearnedEOT CWEOTPosition HwDea f32	
tgt_riii_teaineuto1.0wto1rosition_riwDeg_i32	
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_tmEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_0	
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime 0	
tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_CCWFound_Cnt_lgc tgt_LmEOT_Per1_CCWFound_Cnt_lgc	
tgt_Rte_Inst_Ap_tmEOT_tmEOT_Per1_CCWPosition_HwDeg_f32 tgt_tmEOT_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_tmEOT_tmEOT_Per1_DiagStsHwPosDis_Cnt_lgc tgt_tmEOT_Per1_DiagStsHwPosDis_Cnt_lgc	
tgt_Rte_Inst_Ap_LmEOT_LmEOT_Per1_HandwheelAuthority_Uls_f32 tgt_LmEOT_Per1_HandwheelAuthority_Uls_f32	
tgt_Rte_Inst_Ap_tmEOT_tmEOT_Per1_HandwheelPosition_HwDeg_f32 tgt_tmEOT_Per1_HandwheelPosition_HwDeg_f32	
tgt_Rte_Inst_Ap_tmEOT_tmEOT_Per1_HwTorque_HwNm_f32 tgt_tmEOT_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	Result
LmEOT_ResetLimitReq_Cnt_M_lgc 0	✓
tgt_LmEOT_Per1_CCWFound_Cnt_lgc.value 0 0	•
tgt_LmEOT_Per1_CCWPosition_HwDeg_f32.value -360 -360 ± 0.0625	✓
tgt_LmEOT_Per1_CWFound_Cnt_lgc.value 0 0	•
tgt_LmEOT_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	~
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc 0 0	•
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc 0 0	✓

Test Step Call Trace				
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)	<u> </u>
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_LrnEOT	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_UIs_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

2014-08-26, 16:20:25+0530



LrnEOT_Per1

Name	Input Value				
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_I	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_Igc	tgt_LrnEOT_Per1_DiagStsHwPo	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAu	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	wNm_f32			
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_M	/trRadpS_f32			
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT				
Name	Actual Value	Expected Value	Result		
LmEOT_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	0	✓		
tgt Pim LearnedEOT.CCWEOTFound Cnt Igc	0	0	✓		

Test Step Call Trace				✓
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	~

2014-08-26, 16:21:05+0530



LrnEOT_Scom_ResetEOT

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)\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/S	Specification
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: Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.30 Total FLASH Used (Bytes): 1122 Total RAM 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.

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

2014-08-26, 16:21:05+0530



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		
LrnEOT_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	1		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	1	1	~

2014-08-26, 16:17:14+0530



Project	LrnEOT
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			

Comments/Description/Spe	cification
Name	Text
	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.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 3.2
Time Unit	Cycles

2014-08-26, 16:17:14+0530



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:

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)||

Test Step 1.1 (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_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	~

Test Step Call Trace				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		

2014-08-26, 16:17:14+0530



Name	Input Value		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_lgc	target_LrnEOT_Init1_CCWFor	und_Cnt_lgc	
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPo	sition_HwDeg_f32	
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFour	nd_Cnt_lgc	
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosi	tion_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 Igc	0	0	✓

Test Step Call Trace				
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 ||
(Rte_Pim_LearnedEOT()->CCWEOTPosition_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 ||
(Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32 < -k_MinRackTrvl_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 ||
(Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 < -k_MinRackTrvl_HwDeg_f32)=True ||
(Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 < -k_MinRackTrvl_HwDeg_f32)=False ||
(Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 < -k_MinRackTrvl_HwDeg_f32)=True ||
(Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 < -k_MinRackTrvl_HwDeg_f32)=False ||
(Rte_Pim_Learne

Test Step 2.1 (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	360		
k_MinRackTrvI_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		
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	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_f32		
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	-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	~

Test Step Call Trace				
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 2.2 (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	1440	
k_MinRackTrvl_HwDeg_f32	1440	



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_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	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	~

Test Step Call Trace				✓
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 LmEOT SystemTime GetSystemTime mS u32	1	V

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	✓

Test Step Call Trace					
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_lgc	1	1	

Test Step Call Trace				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 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_	<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	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	~





Test Step Call Trace					
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:

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
TS3.8 831.00 cycles
TS3.10 820 cycles
TS3.11 842.00 cycles
TS3.12 842.00 cycles
TS3.11 842.00 cycles
TS3.12 842.00 cycles
TS3.13 324.00 cycles
TS3.14 842.00 cycles
TS3.15 831.00 cycles
TS3.15 831.00 cycles
TS3.16 842.00 cycles
TS3.17 842.00 cycles
TS3.18 842.00 cycles
TS3.19 570.00 cycles
TS3.19 577.00 cycles
TS3.20 831.00 cycles
TS3.21 831.00 cycles
TS3.21 831.00 cycles
TS3.21 831.00 cycles
TS3.21 831.00 cycles
TS3.23 834.00 cycles

Description Vector Description:

TS3.1All Max

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=Min
TS3.7CCWEOTPosition_HwDeg_f32=Mid
TS3.9k_MinRackTrvl_HwDeg_f32=Min
TS3.10k_MinRackTrvl_HwDeg_f32=Min
TS3.10k_MinRackTrvl_HwDeg_f32=Max
TS3.11k_MinRackTrvl_HwDeg_f32=Pos
TS3.12k_MaxRackTrvl_HwDeg_f32=Min
TS3.13k_MaxRackTrvl_HwDeg_f32=Max
TS3.14k_MaxRackTrvl_HwDeg_f32=Pos
TS3.15CCWEOTFound_Cnt_lgc=Min
TS3.16CCWEOTFound_Cnt_lgc=Min
TS3.16CCWEOTFound_Cnt_lgc=Min
TS3.18CWEOTFound_Cnt_lgc=Min
TS3.18CWEOTFound_Cnt_lgc=Max
TS3.19LrnEOT_ResetLimitReq_Cnt_M_lgc=Min
TS3.20LrnEOT_ResetLimitReq_Cnt_M_lgc=Max
TS3.21Rte_Call_SystemTime_GetSystemTime_mS_u32=Min
TS3.22Rte_Call_SystemTime_GetSystemTime_mS_u32=Pos

Test Step 3.1 (Repeat Count = 1) Input Value Name LrnEOT_ResetLimitReq_Cnt_M_lgc $Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)$ $target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$ Rte Inst Ap LrnEOT target_Rte_Inst_Ap_LrnEOT k_MaxRackTrvl_HwDeg_f32 360 k_MinRackTrvl_HwDeg_f32 360 $target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32$ 360 target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32 -1440.10999 target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc 0 $target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc$ $target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$ 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_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 **Expected Value Actual Value** Name Result LrnEOT_CcwEOTTimer_mS_M_u32 0 0 $LrnEOT_CwEOTTimer_mS_M_u32$ 0 0 LrnEOT_ResetLimitReq_Cnt_M_lgc 0 0

2014-08-26, 16:17:14+0530





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	~

Test Step Call Trace					
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_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	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_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	4294967295	4294967295	~
LrnEOT_CwEOTTimer_mS_M_u32	4294967295	4294967295	-
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
target_LrnEOT_Init1_CCWFound_Cnt_Igc.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	-

Test Step Call Trace				✓
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	V

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_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_lgc	target_LrnEOT_Init1_CWFou	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPos	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	✓	

Test Step Call Trace				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 3.4 (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	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_	<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	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	

Test Step Call Trace				
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





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_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u32_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTime_ms_u33_CurrentTim$	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_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	100	100	_
E201_001.2010doz	1.77	100	
LmEOT_CWEOTTimer_mS_M_u32	100	100	~
		1.4.4	*
LrnEOT_CwEOTTimer_mS_M_u32	100	100	· · · · · · · · · · · · · · · · · · ·
LrnEOT_CwEOTTimer_mS_M_u32 LrnEOT_ResetLimitReq_Cnt_M_lgc	100 0	100	· · · · · · · · · · · · · · · · · · ·
LrnEOT_CwEOTTimer_mS_M_u32 LrnEOT_ResetLimitReq_Cnt_M_lgc target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	100 0 0	100 0 0	· · · · · · · · · · · · · · · · · · ·
LrnEOT_CwEOTTimer_mS_M_u32 LrnEOT_ResetLimitReq_Cnt_M_lgc target_LrnEOT_Init1_CCWFound_Cnt_lgc.value target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	100 0 0 -400.002014	100 0 0 -400.002014 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
LmEOT_CwEOTTimer_mS_M_u32 LmEOT_ResetLimitReq_Cnt_M_lgc target_LmEOT_Init1_CCWFound_Cnt_lgc.value target_LmEOT_Init1_CCWPosition_HwDeg_f32.value target_LmEOT_Init1_CWFound_Cnt_lgc.value	100 0 0 -400.002014 0	100 0 0 -400.002014 ± 0.0625 0	· · · · · · · · · · · · · · · · · · ·
LmEOT_CwEOTTimer_mS_M_u32 LmEOT_ResetLimitReq_Cnt_M_lgc target_LmEOT_Init1_CCWFound_Cnt_lgc.value target_LmEOT_Init1_CCWPosition_HwDeg_f32.value target_LmEOT_Init1_CWFound_Cnt_lgc.value target_LmEOT_Init1_CWPosition_HwDeg_f32.value	100 0 0 -400.002014 0 400.002014	100 0 0 -400.002014 ± 0.0625 0 400.002014 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
LmEOT_CwEOTTimer_mS_M_u32 LmEOT_ResetLimitReq_Cnt_M_lgc target_LmEOT_Init1_CCWFound_Cnt_lgc.value target_LmEOT_Init1_CCWPosition_HwDeg_f32.value target_LmEOT_Init1_CWFound_Cnt_lgc.value target_LmEOT_Init1_CWPosition_HwDeg_f32.value target_LmEOT_Init1_CWPosition_HwDeg_f32.value	100 0 0 -400.002014 0 400.002014 400.002014	100 0 0 -400.002014 ± 0.0625 0 400.002014 ± 0.0625 400.002014 ± 0.0625	· · · · · · · · · · · · · · · · · · ·

Test Step Call Trace				
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_ResetLimitReq_Cnt_M_lgc	1		
Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap LrnEOT SystemTim	e GetSystemTime mS u32 CurrentTime	
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT		
k_MaxRackTrvl_HwDeg_f32	500.002014		
k_MinRackTrvl_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		
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	400		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_Igc	target_LrnEOT_Init1_CCWFound_Cnt_lg	C	
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwD	eg_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_HwDe	_f32	
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	-800.002014	-800.002014 ± 0.0625	-
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	•
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	800.002014	800.002014 ± 0.0625	•
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	800.002014	800.002014 ± 0.0625	•
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-800.002014	-800.002014 ± 0.0625	•
target Pim LearnedEOT.CWEOTFound Cnt lgc	0	0	→
. 3			

Test Step Call Trace				✓
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 3.7 (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_	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_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_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
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	~

Test Step Call Trace					
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		
LmEOT_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_MaxRackTrvI_HwDeg_f32	700.526001		
k_MinRackTrvI_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	



Test Step Call Trace					
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_Igc	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	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	~

Test Step Call Trace				✓
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_C	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		
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	10		
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	10	10	~
LrnEOT_CwEOTTimer_mS_M_u32	10	10	~
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
target LrnEOT Init1 CCWFound Cnt Igc.value	0	0	✓

2014-08-26, 16:17:14+0530



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	✓

Test Step Call Trace				
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_0	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_f3	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_Igc.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	~

Test Step Call Trace				✓
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_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	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	~

Test Step Call Trace				✓
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	~

T4 04-9 0 40 (P-9-4 0-994 - 4)			
Test Step 3.13 (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_0	SetSystemTime_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_	<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_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	~

Test Step Call Trace				✓
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

2014-08-26, 16:17:14+0530



Name	Input Value		
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_Igc	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_f3	32	
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	~

Test Step Call Trace					
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 3.15 (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	•

Test Step Call Trace					
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 3.16 (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	octoyotem mino_mo_uoz_ouncmentime	
k MaxRackTrvI HwDeg f32	750.963013		
k MinRackTrvI HwDeg f32	445.963013		
target Pim LearnedEOT.CWEOTPosition HwDeg f32	450.122986		
target Pim LearnedEOT.CCWEOTPosition HwDeg_i32	-600.114014		
target Pim LearnedEOT.CWEOTFound Cnt Igc	0		
target Pim LearnedEOT.CCWEOTFound Cnt Igc	1		
target Rte Call Ap LrnEOT SystemTime GetSystemTime mS u32 CurrentTime			
target Rte Inst Ap LrnEOT.LrnEOT Init1 CCWFound Cnt Igc	target LrnEOT Init1 CCWFound Cnt Igc		
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	_102	
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	J2	
Name	Actual Value	Even stad Value	Daguit
		Expected Value	Result
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	•
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	~
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	~

Test Step Call Trace					
	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_f32		
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	~



Test Step Call Trace						
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_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	-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	~

Test Step Call Trace				
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)			V
Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_Sys	temTime_GetSystemTime_mS_u32_CurrentTime	е
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		
$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_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTime_mS_u33_CurrentTim$	me 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_CCWPositio	n_HwDeg_f32	
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_0	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_Igc.value	0	0	✓
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-678.226013	-678.226013 ± 0.0625	-

2014-08-26, 16:17:14+0530





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_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✓

Test Step Call Trace				
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 3.20 (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	456.153992		
k_MinRackTrvl_HwDeg_f32	789.153992		
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	450.256012		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-800.724976		
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_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_usspace_uss$	700		
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_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	700	700	~
LrnEOT_CwEOTTimer_mS_M_u32	700	700	~
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	~
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	•
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-789.153992	-789.153992 ± 0.0625	~
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	•
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	789.153992	789.153992 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	789.153992	789.153992 ± 0.0625	•
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-789.153992	-789.153992 ± 0.0625	~
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	•
target Pim LearnedEOT.CCWEOTFound Cnt lgc	0	0	✓

Test Step Call Trace				
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 3.21 (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	567.151978
k_MinRackTrvl_HwDeg_f32	654.151978
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	550.151978
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-450.226013
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
$target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime$	0
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



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	~

Test Step Call Trace				
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)			9
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 LmEOT	target Rte Inst Ap LrnEOT	SoloyStem Time_mo_us2_surferierme	
k MaxRackTrvl HwDeg f32	550.236023		
k MinRackTrvl HwDeg f32	650.236023		
target Pim LearnedEOT.CWEOTPosition HwDeq f32	750.236023		
target Pim LearnedEOT.CCWEOTPosition HwDeg f32	-550.236023		
target Pim LearnedEOT.CWEOTFound Cnt Igc	1		
target Pim LearnedEOT.CCWEOTFound Cnt Igc	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	~

Test Step Call Trace				✓
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_MinRackTrvl_HwDeg_f32	800.122986	
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	800.122986	

2014-08-26, 16:17:14+0530



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_lgc	target_LrnEOT_Init1_CCWFound_Cnt_Igc				
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_Igc				
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	~		

Test Step Call Trace					
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	~	