Summary

Total Test Objects:	4
Successful:	4
Failed:	0
Not Executed:	0
Date:	2014-08-26
Time:	16:22:29+0530

Overall Test Object Results (including Coverage)
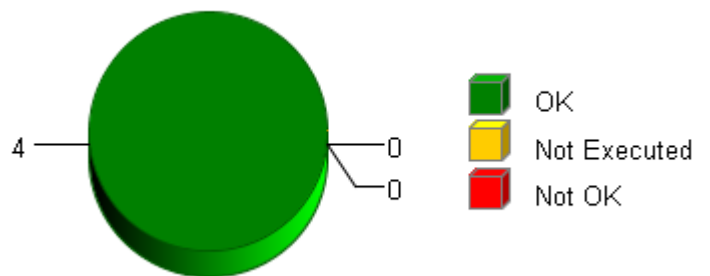
Selected Project Items

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)
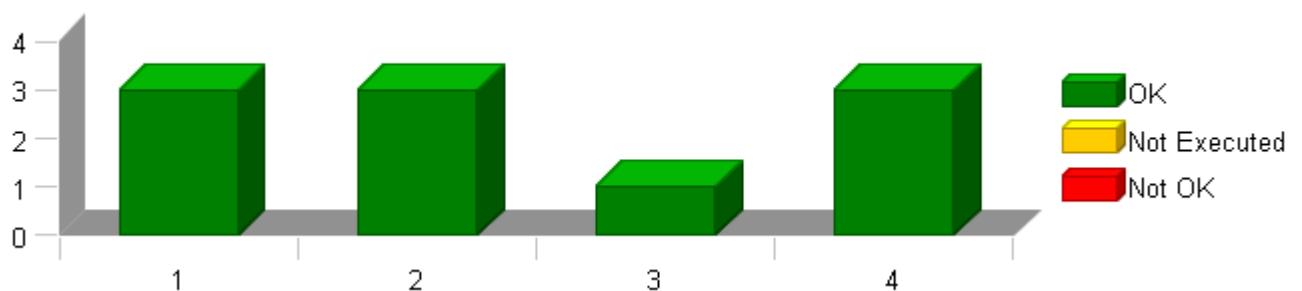
The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results do not take into account any coverage result (i.e. if all test cases of a test object 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
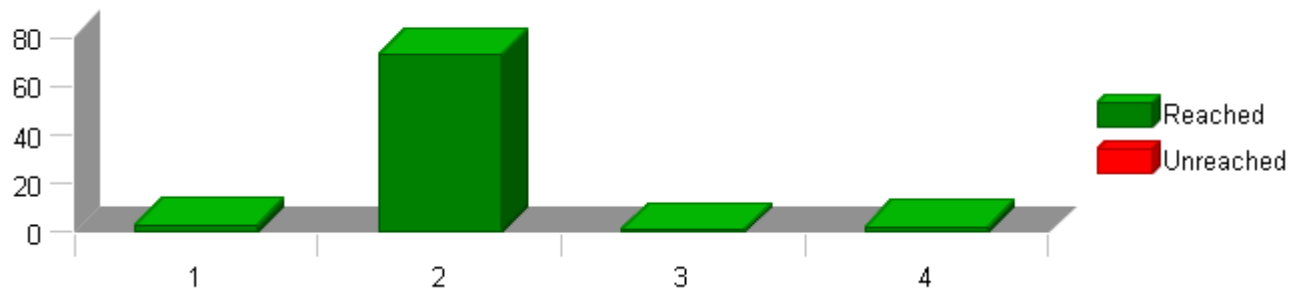
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

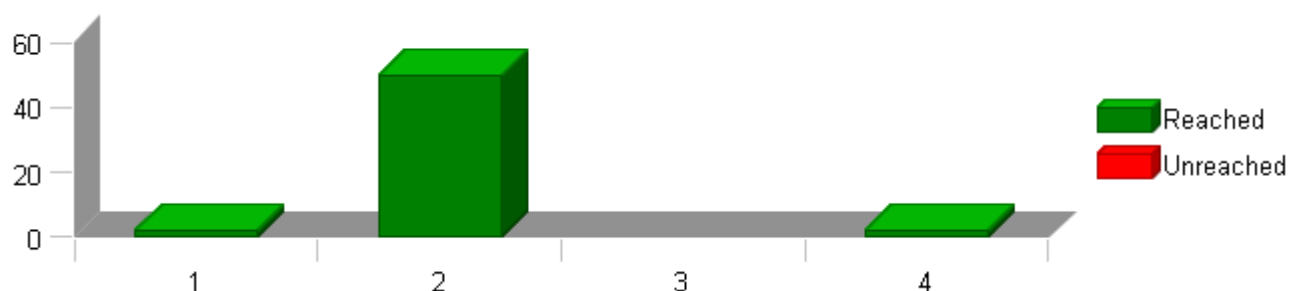## Branch (C1) Coverage: Total Branches for Each Test Object
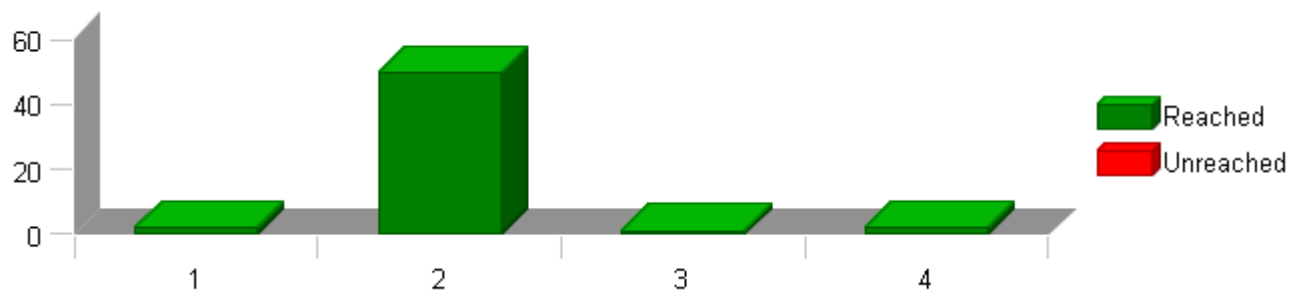
The table above shows each test object on the x axis and the number of branches of the respective test object on the y axis. Each bar is divided into reached branches (i.e. branches that have been executed during the test) and unreached branches.

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.

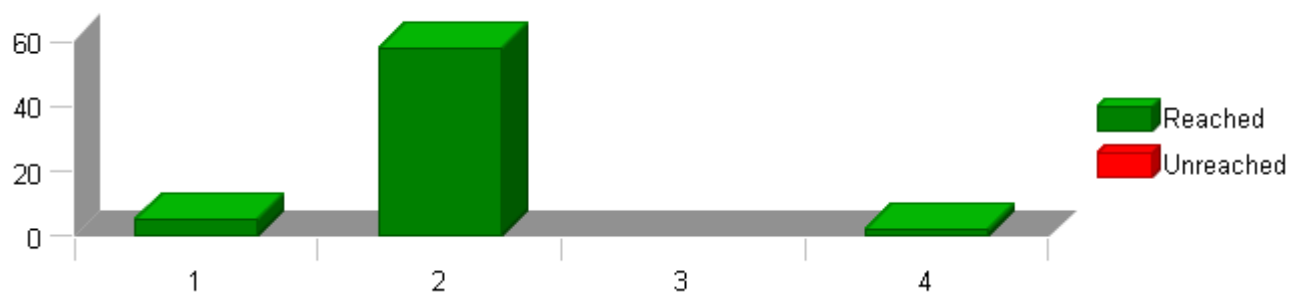## MC/DC Coverage: Total Condition Combinations for Each Test Object
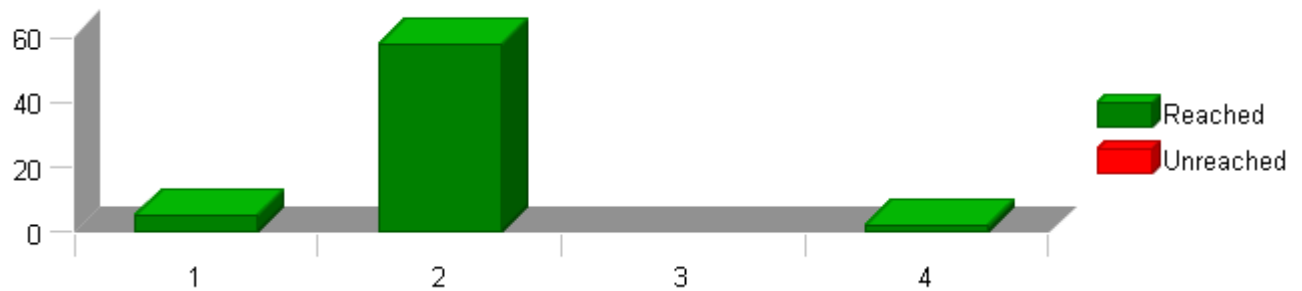
The table above shows test objects on the x axis and the number of condition combinations of all decisions of the respective test object on the y axis. The number of condition combinations is based on the number of boolean conditions within each decision of the test object. To achieve full MC/DC coverage, 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 Object List

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

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

No.	Name	C0	C1	DC	MC/DC	MCC	Test Cases	Result
	LrnEOT	100 %	100 %	100 %	100 %	100 %	10 of 10 passed	✔
	CBD_UnitTest	100 %	100 %	100 %	100 %	100 %	10 of 10 passed	✔
	LrnEOT	100 %	100 %	100 %	100 %	100 %	10 of 10 passed	✔
1	LrnEOT_Init1	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	✔
2	LrnEOT_Per1	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	✔

Project	LrnEOT
Module	LrnEOT
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	$(PROJECTROOT)\LrnEOT\src\Ap_LrnEOT.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I$(PROJECTROOT)\LrnEOT\utp\contract -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description/Specification	
Name	**Text**
Module 'LrnEOT'	** 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): 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

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
TS3.7All 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 ✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	✔

Test Step 3.5 (Repeat Count = 1) ✔

Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	1		
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_MinRackTrvl_HwDeg_f32	678.252991		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	678.252991	678.252991 ± 0.0625	✔
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-678.252991	-678.252991 ± 0.0625	✔
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✔
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✔

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 3.6 (Repeat Count = 1) ✔

Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_MinRackTrvl_HwDeg_f32	360		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	360	360 ± 0.0625	✔
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-360	-360 ± 0.0625	✔
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✔
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✔

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

Name	Input Value		
k_MinRackTrvl_HwDeg_f32	1440		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1440	1440 ± 0.0625	✔
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1440	-1440 ± 0.0625	✔
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✔
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✔

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	✔

Project	LrnEOT
Module	LrnEOT
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	$(PROJECTROOT)\LrnEOT\src\Ap_LrnEOT.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I$(PROJECTROOT)\LrnEOT\utp\contract -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description/Specification	
Name	**Text**
Module 'LrnEOT'	** 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): 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

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	
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: ((LrnEOT_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_CCWEOTPOSITIONHILIM_HWDEG_F32)=True,CWEOTPosition_HwDeg_T_f32 = Limit_m(Rte_Pim_LearnedEOT()-
>CWEOTPosition_HwDeg_f32, D_CWEOTPOSITIONLOLIM_HWDEG_F32, D_CWEOTPOSITIONHILIM_HWDEG_F32)=False
TS1.2 Longest Execution Path:(HandwheelAuthority_Uls_T_f32 >= k_AuthorityStartLrn_Uls_f32)=True, Rte_Pim_LearnedEOT()-
>CWEOTPosition_HwDeg_f32 = Max_m(Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32,((HandwheelAuthority_Uls_T_f32 >=
k_AuthorityStartLrn_Uls_f32) &&
 (AbsHwTorque_MtrNm_T_f32 >= k_HwTrqEOTLrn_HwNm_f32) &&
(AbsMtrVel_MtrRadpS_T_f32 <= k_MtrVelEOTLrn_MtrRadpS_f32))=True,((EOTFound_Cnt_T_lgc == FALSE) ||
(HandwheelPosition_HwDeg_T_f32 < k_MinRackTrvl_HwDeg_f32))=True,((EOTFound_Cnt_T_lgc == FALSE) ||
(HandwheelPosition_HwDeg_T_f32 > -k_MinRackTrvl_HwDeg_f32))=True,
          Min_m(k_MaxRackTrvl_HwDeg_f32,
          Max_m(k_MinRackTrvl_HwDeg_f32,
           HandwheelPosition_HwDeg_T_f32)))=False,Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 =
Min_m(Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32,
          Max_m(-k_MaxRackTrvl_HwDeg_f32,
           Min_m(-k_MinRackTrvl_HwDeg_f32,
HandwheelPosition_HwDeg_T_f32))=False

Test Case 2: Path Test ✔

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
TS2.4   1428.00 cycles
TS2.5   1152.00 cycles
TS2.6   1428.00 cycles
TS2.7   1428.00 cycles
TS2.8   1428.00 cycles
TS2.9   1428.00 cycles
TS2.10  1428.00 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
```

Description	Vector Description:

TS2.1"((LrnEOT_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))))=False"
TS2.2"((LrnEOT_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))))=True"
TS2.3"((LrnEOT_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))))=False"
TS2.4(HandwheelAuthority_Uls_T_f32 >= k_AuthorityStartLrn_Uls_f32)=True
TS2.5"((LrnEOT_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))))=True"
TS2.6"((HandwheelAuthority_Uls_T_f32 >= k_AuthorityStartLrn_Uls_f32) &&
(AbsHwTorque_MtrNm_T_f32 >= k_HwTrqEOTLrn_HwNm_f32) &&
(AbsMtrVel_MtrRadpS_T_f32 <= k_MtrVelEOTLrn_MtrRadpS_f32))=True,((EOTFound_Cnt_T_lgc == FALSE) ||
(HandwheelPosition_HwDeg_T_f32 < k_MinRackTrvl_HwDeg_f32))=True,((EOTFound_Cnt_T_lgc == FALSE) ||
(HandwheelPosition_HwDeg_T_f32 > -k_MinRackTrvl_HwDeg_f32))=True"
TS2.7"((LrnEOT_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))))=True"
TS2.8"(HandwheelAuthority_Uls_T_f32 >= k_AuthorityStartLrn_Uls_f32)=False,((HandwheelAuthority_Uls_T_f32 >=
k_AuthorityStartLrn_Uls_f32) &&
(AbsHwTorque_MtrNm_T_f32 >= k_HwTrqEOTLrn_HwNm_f32) &&
(AbsMtrVel_MtrRadpS_T_f32 <= k_MtrVelEOTLrn_MtrRadpS_f32))=False"
TS2.9"(HandwheelAuthority_Uls_T_f32 >= k_AuthorityStartLrn_Uls_f32)=True,((HandwheelAuthority_Uls_T_f32 >=
k_AuthorityStartLrn_Uls_f32) &&
(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 =
Limit_m(Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32, D_CWEOTPOSITIONLOLIM_HWDEG_F32,
D_CWEOTPOSITIONHILIM_HWDEG_F32)=False
TS2.12"Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32 = Max_m(Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32,
Min_m(k_MaxRackTrvl_HwDeg_f32,
Max_m(k_MinRackTrvl_HwDeg_f32,
HandwheelPosition_HwDeg_T_f32)))=True,Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 =
Min_m(Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32,
Max_m(-k_MaxRackTrvl_HwDeg_f32,
Min_m(-k_MinRackTrvl_HwDeg_f32,
HandwheelPosition_HwDeg_T_f32)))=False"
TS2.13"Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32 = Max_m(Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32,
Min_m(k_MaxRackTrvl_HwDeg_f32,
Max_m(k_MinRackTrvl_HwDeg_f32,
HandwheelPosition_HwDeg_T_f32)))=False,Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 =
Min_m(Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32,
Max_m(-k_MaxRackTrvl_HwDeg_f32,
Min_m(-k_MinRackTrvl_HwDeg_f32,
HandwheelPosition_HwDeg_T_f32)))=False"
TS2.14"Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32 = Max_m(Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32,
Min_m(k_MaxRackTrvl_HwDeg_f32,
Max_m(k_MinRackTrvl_HwDeg_f32,
HandwheelPosition_HwDeg_T_f32)))=False,Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 =
Min_m(Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32,
Max_m(-k_MaxRackTrvl_HwDeg_f32,
Min_m(-k_MinRackTrvl_HwDeg_f32,
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"
TS2.19CCWEOTPosition_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()->CWEOTPosition_HwDeg_f32, D_CWEOTPOSITIONLOLIM_HWDEG_F32,
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

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	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_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-456.002991	-456.002991 ± 0.0625	✔
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	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 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		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	**Actual Value**	**Expected Value**	**Result**
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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 2.3 (Repeat Count = 1)			✔
Name	**Input Value**		
LrnEOT_CcwEOTTimer_mS_M_u32	80		
LrnEOT_CwEOTTimer_mS_M_u32	457		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_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	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	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_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	**Actual Value**	**Expected Value**	**Result**
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-654	-654 ± 0.0625	✔

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_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	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_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	-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 2.5 (Repeat Count = 1) ✔

Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	200
LrnEOT_CwEOTTimer_mS_M_u32	444
LrnEOT_ResetLimitReq_Cnt_M_lgc	1
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.100000001
k_EOTLrnTimer_mS_u16	22
k_HwTrqEOTLrn_HwNm_f32	2.0999999
k_MaxRackTrvl_HwDeg_f32	450.225006
k_MinRackTrvl_HwDeg_f32	654
k_MinResetAuthority_Uls_f32	0.100000001
k_MtrVelEOTLrn_MtrRadpS_f32	200.102005
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.899999976
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-900
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.29999995
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	345.122986
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	678.887024
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-786.255981
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
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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 2.6 (Repeat Count = 1) ✔

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

Name	Input Value
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.699999988
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	400
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-274
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	766.122986
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-485.122986
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	1235
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	900
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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)		✔
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	
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_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	

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_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	-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_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.800000012
k_EOTLrnTimer_mS_u16	99
k_HwTrqEOTLrn_HwNm_f32	9.5
k_MaxRackTrvl_HwDeg_f32	850.122986
k_MinRackTrvl_HwDeg_f32	654
k_MinResetAuthority_Uls_f32	0.800000012
k_MtrVelEOTLrn_MtrRadpS_f32	900
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.699999988
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	700.021973
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	0
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-786.692993
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	600.122986
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_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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 2.9 (Repeat Count = 1)		✔
Name	**Input Value**	
LrnEOT_CcwEOTTimer_mS_M_u32	700	
LrnEOT_CwEOTTimer_mS_M_u32	127	
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT	
k_AuthorityStartLrn_Uls_f32	0.200000003	
k_EOTLrnTimer_mS_u16	80	
k_HwTrqEOTLrn_HwNm_f32	2.0999999	
k_MaxRackTrvl_HwDeg_f32	845.012024	
k_MinRackTrvl_HwDeg_f32	654	
k_MinResetAuthority_Uls_f32	0.200000003	
k_MtrVelEOTLrn_MtrRadpS_f32	77.012001	
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0	
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.5	
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-444.692993	
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	3.29999995	
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150.526001	
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	650.23999	
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-666.36499	
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	123	
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	700	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT	
Name	**Actual Value**	**Expected Value**	**Result**
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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 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_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.300000012
k_EOTLrnTimer_mS_u16	300
k_HwTrqEOTLrn_HwNm_f32	1.20000005
k_MaxRackTrvl_HwDeg_f32	654
k_MinRackTrvl_HwDeg_f32	375.256012
k_MinResetAuthority_Uls_f32	0.300000012
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.400000006
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	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_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	-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					✓
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

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
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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
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	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	1.39999998
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	700.255981
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	464.011993
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-360
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	567
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	20
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_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	-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	✓

Test Step 2.13 (Repeat Count = 1) ✓

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

Name	Input Value
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.400000006
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.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32

Name	Input Value
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_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	-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_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.300000012
k_EOTLrnTimer_mS_u16	300
k_HwTrqEOTLrn_HwNm_f32	1.20000005
k_MaxRackTrvl_HwDeg_f32	654
k_MinRackTrvl_HwDeg_f32	375.256012
k_MinResetAuthority_Uls_f32	0.300000012
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.400000006
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	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	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_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	-650.122986	-650.122986 ± 0.0625	✓
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	✓
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	854.012024	854.012024 ± 0.0625	✓
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	854.012024	854.012024 ± 0.0625	✓
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-650.122986	-650.122986 ± 0.0625	✓
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_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_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16	1	✔
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32	1	✔
Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	Rte_Call_Ap_LrnEOT_LearnedEOTData_SetRamBlockStatus	1	✔
Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	✔

Test Step 2.16 (Repeat Count = 1) ✔

Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	90
LrnEOT_CwEOTTimer_mS_M_u32	222
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.300000012
k_EOTLrnTimer_mS_u16	300
k_HwTrqEOTLrn_HwNm_f32	1.20000005
k_MaxRackTrvl_HwDeg_f32	654
k_MinRackTrvl_HwDeg_f32	384.125
k_MinResetAuthority_Uls_f32	0.300000012
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	1
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-384.125
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	456.44101
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	1235
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1100
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_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	-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
LrnEOT_CwEOTTimer_mS_M_u32	222

Name	Input Value
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.300000012
k_EOTLrnTimer_mS_u16	300
k_HwTrqEOTLrn_HwNm_f32	1.20000005
k_MaxRackTrvl_HwDeg_f32	654
k_MinRackTrvl_HwDeg_f32	384.125
k_MinResetAuthority_Uls_f32	0.300000012
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	1
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-384.125
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	456.44101
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	123
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1100
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_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	-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 2.18 (Repeat Count = 1) ✔

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

Name	Input Value		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-800.526001		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	700.002014		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1440.10999		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_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_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	**Actual Value**	**Expected Value**	**Result**
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.5
k_EOTLrnTimer_mS_u16	60
k_HwTrqEOTLrn_HwNm_f32	6.0999999
k_MaxRackTrvl_HwDeg_f32	432.001007
k_MinRackTrvl_HwDeg_f32	764.255981
k_MinResetAuthority_Uls_f32	0.5
k_MtrVelEOTLrn_MtrRadpS_f32	60.0019989
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.600000024
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-300.02301
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	6
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-800.526001
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1440.10999
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-456.002991
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	4567
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	60
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_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

Name	Input Value		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		

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

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 Case 3: Boundary Test   ✔

Specification

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

TS3.1   1410.00 cycles
TS3.2   1409.00 cycles
TS3.3   1409.00 cycles
TS3.4   1409.00 cycles
TS3.5   1409.00 cycles
TS3.6   1152.00 cycles
TS3.7   1428.00 cycles
TS3.8   1152.00 cycles
TS3.9   1428.00 cycles
TS3.10  1428.00 cycles
TS3.11  1428.00 cycles
TS3.12  1152.00 cycles
TS3.13  1428.00 cycles
TS3.14  1428.00 cycles
TS3.15  1152.00 cycles
TS3.16  1152.00 cycles
TS3.17  1428.00 cycles
TS3.18  1152.00 cycles
TS3.19  1428.00 cycles
TS3.20  1152.00 cycles
TS3.21  1428.00 cycles
TS3.22  1152.00 cycles
TS3.23  1152.00 cycles
TS3.24  1428.00 cycles
TS3.25  1428.00 cycles
TS3.26  1428.00 cycles
TS3.27  1428.00 cycles
TS3.28  1428.00 cycles
TS3.29  1542.00 cycles
TS3.30  1428.00 cycles
TS3.31  1428.00 cycles
TS3.32  1428.00 cycles
TS3.33  1428.00 cycles
TS3.34  1428.00 cycles
TS3.35  1428.00 cycles
TS3.36  1152.00 cycles
TS3.37  1428.00 cycles
TS3.38  1152.00 cycles
TS3.39  1428.00 cycles
TS3.40  1152.00 cycles
TS3.41  1428.00 cycles
TS3.42  1428.00 cycles
TS3.43  1428.00 cycles
TS3.44  1428.00 cycles
TS3.45  1428.00 cycles
TS3.46  1428.00 cycles
TS3.47  1428.00 cycles
TS3.48  1428.00 cycles
TS3.49  1428.00 cycles
TS3.50  1428.00 cycles
TS3.51  1428.00 cycles
TS3.52  1428.00 cycles
TS3.53  1428.00 cycles
TS3.54  1428.00 cycles
TS3.55  1428.00 cycles
TS3.56  1428.00 cycles
TS3.57  1428.00 cycles
TS3.58  1428.00 cycles
TS3.59  1428.00 cycles
TS3.60  1428.00 cycles
TS3.61  1428.00 cycles
TS3.62  1428.00 cycles
TS3.63  1428.00 cycles
TS3.64  1428.00 cycles
TS3.65  1428.00 cycles
TS3.66  1541.00 cycles
TS3.67  1152.00 cycles
```

Description

Vector Description:

TS3.1DiagStsHwPosDis_Cnt_lgc =min
TS3.2DiagStsHwPosDis_Cnt_lgc= max
TS3.3HandwheelAuthority_Uls_f32= min
TS3.4HandwheelAuthority_Uls_f32 =max
TS3.5HandwheelAuthority_Uls_f32= mid
TS3.6HandwheelPosition_HwDeg_f32= min
TS3.7HandwheelPosition_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 =max
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 =zero
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
TS3.24k_MinResetAuthority_Uls_f32= max
TS3.25k_MinResetAuthority_Uls_f32 =mid
TS3.26k_MaxRackTrvl_HwDeg_f32 =min
TS3.27k_MaxRackTrvl_HwDeg_f32 =max
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
TS3.38CCWEOTPosition_HwDeg_f32=min
TS3.39CCWEOTPosition_HwDeg_f32 =max
TS3.40CCWEOTPosition_HwDeg_f32 =mid
TS3.41k_HwTrqEOTLrn_HwNm_f32= min
TS3.42k_HwTrqEOTLrn_HwNm_f32= max
TS3.43k_HwTrqEOTLrn_HwNm_f32 =mid
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_EOTLrnTimer_mS_u16= max
TS3.49k_EOTLrnTimer_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
TS3.66All min
TS3.67All max

Test Step 3.1 (Repeat Count = 1) ✔

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

Name	Input Value
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-800.526001
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	700.002014
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-456.002991
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	4567
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	60
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-456.002991	-456.002991 ± 0.0625	✔
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	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**
LrnEOT_CcwEOTTimer_mS_M_u32	600
LrnEOT_CwEOTTimer_mS_M_u32	1000
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.200000003
k_EOTLrnTimer_mS_u16	200
k_HwTrqEOTLrn_HwNm_f32	1.10000002
k_MaxRackTrvl_HwDeg_f32	375.256012
k_MinRackTrvl_HwDeg_f32	678.125
k_MinResetAuthority_Uls_f32	0.200000003
k_MtrVelEOTLrn_MtrRadpS_f32	150.102005
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	1
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.5
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	450
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	150.102005
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	532.122986
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-675.122986
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	276
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1000
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_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

Name	Input Value		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-678.125	-678.125 ± 0.0625	✔
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	678.125	678.125 ± 0.0625	✔
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	678.125	678.125 ± 0.0625	✔
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-678.125	-678.125 ± 0.0625	✔
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✔
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✔

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		
LrnEOT_CwEOTTimer_mS_M_u32	457		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_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	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	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_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	**Actual Value**	**Expected Value**	**Result**
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-654	-654 ± 0.0625	✔
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	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 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_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	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_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	-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	0.699999988
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_ElapsedTime	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_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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_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 3.6 (Repeat Count = 1) ✔

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

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
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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
LrnEOT_CcwEOTTimer_mS_M_u32	300
LrnEOT_CwEOTTimer_mS_M_u32	555
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	33
k_HwTrqEOTLrn_HwNm_f32	3.20000005
k_MaxRackTrvl_HwDeg_f32	650.255981
k_MinRackTrvl_HwDeg_f32	423.119995
k_MinResetAuthority_Uls_f32	0.200000003
k_MtrVelEOTLrn_MtrRadpS_f32	300.235992
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.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_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	786
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	300
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✓
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-423.119995	-423.119995 ± 0.0625	✓
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.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_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 3.8 (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_MinRackTrvl_HwDeg_f32	734.012024
k_MinResetAuthority_Uls_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
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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				✔

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	0.699999988
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_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc

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_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	-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 3.10 (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	-450.25	
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_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT	

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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 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_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	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_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	✔

Test Step 3.12 (Repeat Count = 1) ✔

Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	800
LrnEOT_CwEOTTimer_mS_M_u32	256
LrnEOT_ResetLimitReq_Cnt_M_lgc	1
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime

Name	Input Value
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.699999988
k_EOTLrnTimer_mS_u16	88
k_HwTrqEOTLrn_HwNm_f32	8.39999962
k_MaxRackTrvl_HwDeg_f32	750.325989
k_MinRackTrvl_HwDeg_f32	876.252991
k_MinResetAuthority_Uls_f32	0.699999988
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_ElapsedTime	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_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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	0.699999988
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	700.021973
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	0
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-786.692993
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	600.122986

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_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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_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	111
k_HwTrqEOTLrn_HwNm_f32	10
k_MaxRackTrvl_HwDeg_f32	545.638977
k_MinRackTrvl_HwDeg_f32	375.256012
k_MinResetAuthority_Uls_f32	0.899999976
k_MtrVelEOTLrn_MtrRadpS_f32	11.1020002
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	1
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.800000012
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-700.002014
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	5.05000019
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	535.692993
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	454.011993
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1050.25305
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	563
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	10
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✓
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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_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	0.899999976
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	800.122986
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	-5.01999998
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-274.692993
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	466.122986
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-450.256012
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	487
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	20
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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 3.16 (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	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_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

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_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					✔
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_lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT		
k_AuthorityStartLrn_Uls_f32	0.400000006		
k_EOTLrnTimer_mS_u16	99		
k_HwTrqEOTLrn_HwNm_f32	8.30000019		
k_MaxRackTrvl_HwDeg_f32	856.369019		
k_MinRackTrvl_HwDeg_f32	764.255981		
k_MinResetAuthority_Uls_f32	0.300000012		
k_MtrVelEOTLrn_MtrRadpS_f32	99.1019974		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	1		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.699999988		
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		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	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_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	✔

Test Step 3.18 (Repeat Count = 1)

Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	100
LrnEOT_CwEOTTimer_mS_M_u32	700
LrnEOT_ResetLimitReq_Cnt_M_lgc	1
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.5
k_EOTLrnTimer_mS_u16	100
k_HwTrqEOTLrn_HwNm_f32	9.30000019
k_MaxRackTrvl_HwDeg_f32	955.335999
k_MinRackTrvl_HwDeg_f32	375.256012
k_MinResetAuthority_Uls_f32	0.400000006
k_MtrVelEOTLrn_MtrRadpS_f32	10.0120001
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.800000012
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	456.10199
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.79999995
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	0
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	866.122986
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-700.10199
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	127
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	100
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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	0.899999976
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-456.562988
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.9000001
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	500.25
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	784.122986
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-800.122986
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	654
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	200
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	✔

Test Step 3.20 (Repeat Count = 1) ✔

Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	300
LrnEOT_CwEOTTimer_mS_M_u32	4567
LrnEOT_ResetLimitReq_Cnt_M_lgc	1
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.699999988
k_EOTLrnTimer_mS_u16	300
k_HwTrqEOTLrn_HwNm_f32	2.5
k_MaxRackTrvl_HwDeg_f32	526.002014
k_MinRackTrvl_HwDeg_f32	375.256012
k_MinResetAuthority_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_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.400000006
k_EOTLrnTimer_mS_u16	900
k_HwTrqEOTLrn_HwNm_f32	8.60000038
k_MaxRackTrvl_HwDeg_f32	758.210022
k_MinRackTrvl_HwDeg_f32	654
k_MinResetAuthority_Uls_f32	0.300000012
k_MtrVelEOTLrn_MtrRadpS_f32	90.012001
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	1
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.699999988
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_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	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_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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_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	0.400000006
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	1.39999998
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
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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 3.23 (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_MaxRackTrvl_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	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_lgc

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_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	-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
LrnEOT_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)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.699999988
k_EOTLrnTimer_mS_u16	70
k_HwTrqEOTLrn_HwNm_f32	8.10000038
k_MaxRackTrvl_HwDeg_f32	784.255981
k_MinRackTrvl_HwDeg_f32	654
k_MinResetAuthority_Uls_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_ElapsedTime	555
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	30
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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_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
LrnEOT_CwEOTTimer_mS_M_u32	1667
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_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	80
k_HwTrqEOTLrn_HwNm_f32	9.10000038
k_MaxRackTrvl_HwDeg_f32	564.122986
k_MinRackTrvl_HwDeg_f32	900
k_MinResetAuthority_Uls_f32	0.5
k_MtrVelEOTLrn_MtrRadpS_f32	400.011993
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.200000003
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	350
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-234.526001
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	444.02301
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-550.122986
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	666
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	40
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_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	-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_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	360
k_MinRackTrvl_HwDeg_f32	666.10199
k_MinResetAuthority_Uls_f32	0.100000001
k_MtrVelEOTLrn_MtrRadpS_f32	275.119995
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.699999988
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	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_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	-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_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	554.012024
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1175.12305

Name	Input Value		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	1000		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1000		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	**Actual Value**	**Expected Value**	**Result**
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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	✔

Test Step 3.28 (Repeat Count = 1)			✔
Name	**Input Value**		
LrnEOT_CcwEOTTimer_mS_M_u32	753		
LrnEOT_CwEOTTimer_mS_M_u32	1235		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_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	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	0.400000006		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	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_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	✔

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	✓

Test Step 3.29 (Repeat Count = 1)		✓
Name	**Input Value**	
LrnEOT_CcwEOTTimer_mS_M_u32	378	
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	
k_EOTLrnTimer_mS_u16	100	
k_HwTrqEOTLrn_HwNm_f32	1.20000005	
k_MaxRackTrvl_HwDeg_f32	764.255981	
k_MinRackTrvl_HwDeg_f32	764.255981	
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	0.699999988	
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	784.122986	
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	256	
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_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT	
Name	**Actual Value**	**Expected Value**	**Result**
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✓
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-764.255981	-764.255981 ± 0.0625	✓
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	✓
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	784.122986	784.122986 ± 0.0625	✓
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	784.122986	784.122986 ± 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 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_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	1
k_EOTLrnTimer_mS_u16	200
k_HwTrqEOTLrn_HwNm_f32	1.10000002
k_MaxRackTrvl_HwDeg_f32	375.256012
k_MinRackTrvl_HwDeg_f32	654
k_MinResetAuthority_Uls_f32	0.200000003
k_MtrVelEOTLrn_MtrRadpS_f32	150.102005
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.5
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	200.158005
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	150.102005
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	444.02301
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-368.122986
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	2365
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1000
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_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	-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 ✔

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

Test Step 3.31 (Repeat Count = 1) ✔

Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	487
LrnEOT_CwEOTTimer_mS_M_u32	753
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.5
k_EOTLrnTimer_mS_u16	300
k_HwTrqEOTLrn_HwNm_f32	1.20000005
k_MaxRackTrvl_HwDeg_f32	654
k_MinRackTrvl_HwDeg_f32	764.255981

Name	Input Value
k_MinResetAuthority_Uls_f32	0.300000012
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.400000006
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	566.122986
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	3000
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1100
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

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

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_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	0.699999988
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_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	-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					✔
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		
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	0.200000003		
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_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-778.122986	-778.122986 ± 0.0625	✔
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.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	✔

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
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	0.300000012
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	0.400000006
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1102.73999
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	4000
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1100
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_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	-864.122986	-864.122986 ± 0.0625	✔
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	1102.73999	1102.73999 ± 0.0625	✔
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1102.73999	1102.73999 ± 0.0625	✔
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986	-864.122986 ± 0.0625	✔
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✔
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	✔

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 3.35 (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_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	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	700
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	500
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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				✔
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	0.400000006
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
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.200000003
k_EOTLrnTimer_mS_u16	80
k_HwTrqEOTLrn_HwNm_f32	2.0999999
k_MaxRackTrvl_HwDeg_f32	845.012024
k_MinRackTrvl_HwDeg_f32	654
k_MinResetAuthority_Uls_f32	0.200000003
k_MtrVelEOTLrn_MtrRadpS_f32	77.012001
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.5
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-444.692993
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	3.29999995
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150.526001
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	650.23999
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-666.36499
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	123
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	700
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
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

Name	Input Value		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	**Actual Value**	**Expected Value**	**Result**
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-666.36499	-666.36499 ± 0.0625	✔
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	✔
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	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_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	22		
k_HwTrqEOTLrn_HwNm_f32	5.0999999		
k_MaxRackTrvl_HwDeg_f32	678.125		
k_MinRackTrvl_HwDeg_f32	764.255981		
k_MinResetAuthority_Uls_f32	0.5		
k_MtrVelEOTLrn_MtrRadpS_f32	10.1020002		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	1		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.800000012		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	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_lgc	0		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	456		
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		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	**Actual Value**	**Expected Value**	**Result**
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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
LrnEOT_CcwEOTTimer_mS_M_u32	522
LrnEOT_CwEOTTimer_mS_M_u32	753
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_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	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	1.39999998
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	700.255981
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	464.011993
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-360
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	567
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	20
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_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	-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	✓

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	0.699999988
k_EOTLrnTimer_mS_u16	44
k_HwTrqEOTLrn_HwNm_f32	7.80000019
k_MaxRackTrvl_HwDeg_f32	876.252991
k_MinRackTrvl_HwDeg_f32	654
k_MinResetAuthority_Uls_f32	0.699999988
k_MtrVelEOTLrn_MtrRadpS_f32	30.0119991
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	1
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.100000001
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	777.10199
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.5
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-700.255981
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	526.369019
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-550.25
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	678
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	30
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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 3.41 (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_MinRackTrvl_HwDeg_f32	423.119995
k_MinResetAuthority_Uls_f32	0.300000012
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.400000006
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150

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
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	-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		
LrnEOT_CcwEOTTimer_mS_M_u32	256		
LrnEOT_CwEOTTimer_mS_M_u32	487		
LrnEOT_ResetLimitReq_Cnt_M_lgc	0		
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_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	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_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	745.455994		
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	456		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1000		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		
Name	**Actual Value**	**Expected Value**	**Result**
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-864.122986	-864.122986 ± 0.0625	✔
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	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_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 3.43 (Repeat Count = 1)

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

Name	Input Value
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.400000006
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	457.10199
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-456.256012
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	2000
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1100
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
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	0.699999988
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	374.855988
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.5
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-234
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	784.14502
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-584.36499
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	532
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	90
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32

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_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	✔	

Test Step 3.45 (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	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_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	-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_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	70	
k_HwTrqEOTLrn_HwNm_f32	9.30000019	
k_MaxRackTrvl_HwDeg_f32	375.256012	
k_MinRackTrvl_HwDeg_f32	876.252991	
k_MinResetAuthority_Uls_f32	0.699999988	
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_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT	

Name	**Actual Value**	**Expected Value**	**Result**
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	✔

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_GetSystemTime_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	0.699999988
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	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_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	-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_LrnEOT_Per1_CP1_CheckpointReached	1	✔

Test Step 3.48 (Repeat Count = 1) ✔

Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	700
LrnEOT_CwEOTTimer_mS_M_u32	378
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.200000003
k_EOTLrnTimer_mS_u16	10000
k_HwTrqEOTLrn_HwNm_f32	1.10000002
k_MaxRackTrvl_HwDeg_f32	375.256012
k_MinRackTrvl_HwDeg_f32	375.256012
k_MinResetAuthority_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

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	163
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1000
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-864.122986	-864.122986 ± 0.0625	✔
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	800.122986	800.122986 ± 0.0625	✔
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	800.122986	800.122986 ± 0.0625	✔
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986	-864.122986 ± 0.0625	✔
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✔
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✔

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 3.49 (Repeat Count = 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_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_Uls_f32	0.300000012
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.400000006
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	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	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_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	✔

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	✔	

Test Step 3.50 (Repeat Count = 1)		✔
Name	**Input Value**	
LrnEOT_CcwEOTTimer_mS_M_u32	4567	
LrnEOT_CwEOTTimer_mS_M_u32	487	
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	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	0.100000001	
k_MtrVelEOTLrn_MtrRadpS_f32	275.119995	
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0	
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.699999988	
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_ElapsedTime	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_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT	
Name	**Actual Value**	**Expected Value**	**Result**
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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_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	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_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	-864.122986	-864.122986 ± 0.0625	✔
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	800.122986	800.122986 ± 0.0625	✔
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	800.122986	800.122986 ± 0.0625	✔
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986	-864.122986 ± 0.0625	✔
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✔
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	✔

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) ✔

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

Name	Input Value
k_MinResetAuthority_Uls_f32	0.300000012
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.400000006
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	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_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	-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					✔
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 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.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32

Name	Input Value		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32		
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT		

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✓
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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		
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_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	2000		
k_HwTrqEOTLrn_HwNm_f32	2.5		
k_MaxRackTrvl_HwDeg_f32	666.10199		
k_MinRackTrvl_HwDeg_f32	375.256012		
k_MinResetAuthority_Uls_f32	0.5		
k_MtrVelEOTLrn_MtrRadpS_f32	30.2360001		
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0		
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.300000012		
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-747.151978		
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	3		
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	567.10199		
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	784.14502		
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986		
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	444		
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1100		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc		
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_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	-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_f32	-864.122986	-864.122986 ± 0.0625	✓

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**	
LrnEOT_CcwEOTTimer_mS_M_u32	1667	
LrnEOT_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_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	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	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	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_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT	

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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
LrnEOT_CwEOTTimer_mS_M_u32	1444
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
k_MinResetAuthority_Uls_f32	0.300000012
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.400000006
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	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	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_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-485.122986	-485.122986 ± 0.0625	✔
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	1	1	✔
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	376.987	376.987 ± 0.0625	✔
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	376.987	376.987 ± 0.0625	✔
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-485.122986	-485.122986 ± 0.0625	✔
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	✔
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_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 3.57 (Repeat Count = 1) ✔

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

Name	Input Value
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.699999988
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_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	-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	✔

Test Step 3.58 (Repeat Count = 1)   ✔

Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	4294967295
LrnEOT_CwEOTTimer_mS_M_u32	855
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0.5
k_EOTLrnTimer_mS_u16	300
k_HwTrqEOTLrn_HwNm_f32	1.20000005
k_MaxRackTrvl_HwDeg_f32	654
k_MinRackTrvl_HwDeg_f32	654
k_MinResetAuthority_Uls_f32	0.300000012
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.400000006
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	500.122986
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-485.122986
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	163
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1000
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32

Name	Input Value
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_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	-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	
LrnEOT_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_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	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	0.699999988	
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	264.15799	
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	1.60000002	
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-274	
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	454.011993	
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-485.122986	
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	163	
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	1100	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_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	-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	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 3.60 (Repeat Count = 1) ✔

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_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	666.10199
k_MinResetAuthority_Uls_f32	0.100000001
k_MtrVelEOTLrn_MtrRadpS_f32	275.119995
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.699999988
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
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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_LrnEOT_Per1_CP1_CheckpointReached	1	Rte_Call_LrnEOT_Per1_CP1_CheckpointReached	1	✔

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_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	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_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	-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_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 3.62 (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_Uls_f32	0.300000012
k_MtrVelEOTLrn_MtrRadpS_f32	333.235992
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.400000006
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	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
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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					✔
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 3.63 (Repeat Count = 1)	✔

Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	90
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	0.100000001
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	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	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_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	✔

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				✔
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)	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	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_ElapsedTime	444	
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	4294967295	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc	
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_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	-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) ✔

Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	30
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	0.899999976
k_EOTLrnTimer_mS_u16	300
k_HwTrqEOTLrn_HwNm_f32	1.20000005
k_MaxRackTrvl_HwDeg_f32	654
k_MinRackTrvl_HwDeg_f32	666.122986
k_MinResetAuthority_Uls_f32	0.300000012
k_MtrVelEOTLrn_MtrRadpS_f32	33.2360001
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0.5
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	384.125
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	2.20000005
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-150
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	486.350006
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	1234
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	10000
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-864.122986	-864.122986 ± 0.0625	✔
tgt_LrnEOT_Per1_CWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CWPosition_HwDeg_f32.value	486.350006	486.350006 ± 0.0625	✔
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	486.350006	486.350006 ± 0.0625	✔
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-864.122986	-864.122986 ± 0.0625	✔
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✔
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✔

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) ✔

Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	0
LrnEOT_CwEOTTimer_mS_M_u32	0
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	tgt_Rte_Inst_Ap_LrnEOT
k_AuthorityStartLrn_Uls_f32	0
k_EOTLrnTimer_mS_u16	0
k_HwTrqEOTLrn_HwNm_f32	0
k_MaxRackTrvl_HwDeg_f32	360
k_MinRackTrvl_HwDeg_f32	360

Name	Input Value
k_MinResetAuthority_Uls_f32	0
k_MtrVelEOTLrn_MtrRadpS_f32	0
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	0
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	0
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	-900
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	-8.80000019
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	-1100
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	360
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1440.10999
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	0
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	0
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_lgc	tgt_LrnEOT_Per1_CWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✓
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✓
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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 3.67 (Repeat Count = 1) ✓

Name	Input Value
LrnEOT_CcwEOTTimer_mS_M_u32	4294967295
LrnEOT_CwEOTTimer_mS_M_u32	4294967295
LrnEOT_ResetLimitReq_Cnt_M_lgc	1
Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_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_Uls_f32	1
k_MtrVelEOTLrn_MtrRadpS_f32	1100
tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc.value	1
tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32.value	1
tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32.value	900
tgt_LrnEOT_Per1_HwTorque_HwNm_f32.value	8.80000019
tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32.value	1100
tgt_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1440.10999
tgt_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-360
tgt_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
tgt_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
tgt_Rte_Call_Ap_LrnEOT_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	65535
tgt_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	4294967295
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWFound_Cnt_lgc	tgt_LrnEOT_Per1_CCWFound_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CCWPosition_HwDeg_f32	tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_CWFound_Cnt_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_lgc	tgt_LrnEOT_Per1_DiagStsHwPosDis_Cnt_lgc
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelAuthority_Uls_f32	tgt_LrnEOT_Per1_HandwheelAuthority_Uls_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HandwheelPosition_HwDeg_f32	tgt_LrnEOT_Per1_HandwheelPosition_HwDeg_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_HwTorque_HwNm_f32	tgt_LrnEOT_Per1_HwTorque_HwNm_f32
tgt_Rte_Inst_Ap_LrnEOT.LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32	tgt_LrnEOT_Per1_MtrVelCRF_MtrRadpS_f32
tgt_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	tgt_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
tgt_LrnEOT_Per1_CCWFound_Cnt_lgc.value	0	0	✔
tgt_LrnEOT_Per1_CCWPosition_HwDeg_f32.value	-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_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	✔

Project	LrnEOT
Module	LrnEOT
Test Object	LrnEOT_Scom_ResetEOT

Instrumentation: Test Object Only

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

Statistics

Total Testcases	1	
Successful	1	✔
Failed	0	
Not Executed	0	

Module Properties

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

Comments/Description/Specification	
Name	**Text**
Module 'LrnEOT'	** 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): 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
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg

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

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	✔

Test Case 1: Boundary Test

Project	LrnEOT
Module	LrnEOT
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

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	$(PROJECTROOT)\LrnEOT\src\Ap_LrnEOT.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I$(PROJECTROOT)\LrnEOT\utp\contract -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include

Comments/Description/Specification	
Name	**Text**
Module 'LrnEOT'	** 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): 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

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: TS1.1 598.00 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) =False|| (Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32 > k_MaxRackTrvl_HwDeg_f32)=False || (Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 < -k_MaxRackTrvl_HwDeg_f32)=False|| (Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 > -k_MinRackTrvl_HwDeg_f32) =True)"

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_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_f32
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f32
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	90	90	✔
LrnEOT_CwEOTTimer_mS_M_u32	90	90	✔
LrnEOT_ResetLimitReq_Cnt_M_lgc	1	1	✔
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	1	1	✔
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-700.89502	-700.89502 ± 0.0625	✔
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	1	1	✔
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	700.89502	700.89502 ± 0.0625	✔
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	700.89502	700.89502 ± 0.0625	✔
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-700.89502	-700.89502 ± 0.0625	✔
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	✔
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	✔

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 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

Name	Input Value
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	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 Case 2: Path Test ✔

Specification

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

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

Description   Vector Description:

TS2.1"((Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32 < k_MinRackTrvl_HwDeg_f32) =False||
(Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32 > k_MaxRackTrvl_HwDeg_f32)=False ||
(Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 < -k_MaxRackTrvl_HwDeg_f32)=False ||
(Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 > -k_MinRackTrvl_HwDeg_f32) =False)"
TS2.2"((Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32 < k_MinRackTrvl_HwDeg_f32) =False||
(Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32 > k_MaxRackTrvl_HwDeg_f32)=False ||
(Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 < -k_MaxRackTrvl_HwDeg_f32)=False ||
(Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 > -k_MinRackTrvl_HwDeg_f32) =True)"
TS2.3"((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)=True||
(Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 > -k_MinRackTrvl_HwDeg_f32) =True)"
TS2.4"((Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32 < k_MinRackTrvl_HwDeg_f32) =False||
(Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32 > k_MaxRackTrvl_HwDeg_f32)=True ||
(Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 < -k_MaxRackTrvl_HwDeg_f32)=True||
(Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 > -k_MinRackTrvl_HwDeg_f32) =True)"
TS2.5"((Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32 < k_MinRackTrvl_HwDeg_f32) =false||
(Rte_Pim_LearnedEOT()->CWEOTPosition_HwDeg_f32 > k_MaxRackTrvl_HwDeg_f32)=False ||
(Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 < -k_MaxRackTrvl_HwDeg_f32)=False||
(Rte_Pim_LearnedEOT()->CCWEOTPosition_HwDeg_f32 > -k_MinRackTrvl_HwDeg_f32) =True)"

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_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT
k_MaxRackTrvl_HwDeg_f32	360
k_MinRackTrvl_HwDeg_f32	360
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	360
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1440.10999
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	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
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_f32		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f32		
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	**Actual Value**	**Expected Value**	**Result**
LrnEOT_CcwEOTTimer_mS_M_u32	4294967295	4294967295	✓
LrnEOT_CwEOTTimer_mS_M_u32	4294967295	4294967295	✓
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✓
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	✓
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-1440	-1440 ± 0.0625	✓
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	✓
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	1440	1440 ± 0.0625	✓
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1440	1440 ± 0.0625	✓
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1440	-1440 ± 0.0625	✓
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✓
target_Pim_LearnedEOT.CCWEOTFound_Cnt_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 2.3 (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		
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	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_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_f32
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f32
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	90	90	✔
LrnEOT_CwEOTTimer_mS_M_u32	90	90	✔
LrnEOT_ResetLimitReq_Cnt_M_lgc	1	1	✔
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	1	1	✔
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-700.89502	-700.89502 ± 0.0625	✔
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	1	1	✔
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	700.89502	700.89502 ± 0.0625	✔
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	700.89502	700.89502 ± 0.0625	✔
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-700.89502	-700.89502 ± 0.0625	✔
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	✔
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	✔

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 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_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT
k_MaxRackTrvl_HwDeg_f32	500.222992
k_MinRackTrvl_HwDeg_f32	500.222992
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	500.222992
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-400.222992
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	100
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_lgc	target_LrnEOT_Init1_CCWFound_Cnt_lgc
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_f32
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f32
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	100	100	✔
LrnEOT_CwEOTTimer_mS_M_u32	100	100	✔
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	✔
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-500.222992	-500.222992 ± 0.0625	✔
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	✔
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	500.222992	500.222992 ± 0.0625	✔
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	500.222992	500.222992 ± 0.0625	✔
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-500.222992	-500.222992 ± 0.0625	✔
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✔
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✔

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
TS3.9   852.00 cycles
TS3.10  831.00 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
TS3.16  324.00 cycles
TS3.17  842.00 cycles
TS3.18  588.00 cycles
TS3.19  577.00 cycles
TS3.20  831.00 cycles
TS3.21  831.00 cycles
TS3.22  842.00 cycles
TS3.23  324.00 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=Max
TS3.8CCWEOTPosition_HwDeg_f32=Mid
TS3.9k_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=Max
TS3.17CWEOTFound_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=Max
TS3.23Rte_Call_SystemTime_GetSystemTime_mS_u32=Pos

Test Step 3.1 (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_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT
k_MaxRackTrvl_HwDeg_f32	360
k_MinRackTrvl_HwDeg_f32	360
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	360
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1440.10999
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	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
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	0	0	✔
LrnEOT_CwEOTTimer_mS_M_u32	0	0	✔
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔

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

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_lgc	target_LrnEOT_Init1_CCWFound_Cnt_lgc	
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_f32	
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc	
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f32	
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT	

Name	**Actual Value**	**Expected Value**	**Result**
LrnEOT_CcwEOTTimer_mS_M_u32	4294967295	4294967295	✔
LrnEOT_CwEOTTimer_mS_M_u32	4294967295	4294967295	✔
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	✔
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-1440	-1440 ± 0.0625	✔
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	✔
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	1440	1440 ± 0.0625	✔
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1440	1440 ± 0.0625	✔
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1440	-1440 ± 0.0625	✔
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✔
target_Pim_LearnedEOT.CCWEOTFound_Cnt_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 3.3 (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_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	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 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_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_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	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	100
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_lgc	target_LrnEOT_Init1_CCWFound_Cnt_lgc
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_f32
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f32
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	100	100	✔
LrnEOT_CwEOTTimer_mS_M_u32	100	100	✔
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	✔
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-400.002014	-400.002014 ± 0.0625	✔
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	✔
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	400.002014	400.002014 ± 0.0625	✔
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	400.002014	400.002014 ± 0.0625	✔
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-400.002014	-400.002014 ± 0.0625	✔
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✔
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✔

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 3.6 (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	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_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	-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	✔
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 3.7 (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_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	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
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	700.526001
k_MinRackTrvl_HwDeg_f32	650.526001
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	400.119995
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-650.25
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0
target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	600
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_lgc	target_LrnEOT_Init1_CCWFound_Cnt_lgc
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_f32
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f32
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	600	600	✔
LrnEOT_CwEOTTimer_mS_M_u32	600	600	✔
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	✔
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-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_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT
k_MaxRackTrvl_HwDeg_f32	750.526001
k_MinRackTrvl_HwDeg_f32	360
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	500.526001
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-800.236023
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	900
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_lgc	target_LrnEOT_Init1_CCWFound_Cnt_lgc
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_f32
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f32
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_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_f32
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	10	10	✔
LrnEOT_CwEOTTimer_mS_M_u32	10	10	✔
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	✔
			✔

Name	Actual Value	Expected Value	Result
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-1440	-1440 ± 0.0625	
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	✔
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	1440	1440 ± 0.0625	✔
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	1440	1440 ± 0.0625	✔
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-1440	-1440 ± 0.0625	✔
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✔
target_Pim_LearnedEOT.CCWEOTFound_Cnt_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 3.11 (Repeat Count = 1) ✔

Name	Input Value
LrnEOT_ResetLimitReq_Cnt_M_lgc	1
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT
k_MaxRackTrvl_HwDeg_f32	567.151978
k_MinRackTrvl_HwDeg_f32	450.51001
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	600.122986
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-400.019989
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	20
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_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	20	20	✔
LrnEOT_CwEOTTimer_mS_M_u32	20	20	✔
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	✔
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-450.51001	-450.51001 ± 0.0625	✔
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	✔
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	450.51001	450.51001 ± 0.0625	✔
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	450.51001	450.51001 ± 0.0625	✔
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-450.51001	-450.51001 ± 0.0625	✔
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✔
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✔

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_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	-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	✔

Test Step 3.13 (Repeat Count = 1) ✔

Name	Input Value		
LrnEOT_ResetLimitReq_Cnt_M_lgc	1		
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT		
k_MaxRackTrvl_HwDeg_f32	1440		
k_MinRackTrvl_HwDeg_f32	700.89502		
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	700.89502		
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-700.89502		
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1		
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1		
target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	90		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_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	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		

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_lgc	target_LrnEOT_Init1_CCWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_f32		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f32		
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		

Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	100	100	✔
LrnEOT_CwEOTTimer_mS_M_u32	100	100	✔
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	✔
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-500.222992	-500.222992 ± 0.0625	✔
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	0	0	✔
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	500.222992	500.222992 ± 0.0625	✔
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	500.222992	500.222992 ± 0.0625	✔
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-500.222992	-500.222992 ± 0.0625	✔
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0	0	✔
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	0	0	✔

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_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_f32		
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_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	750.963013
k_MinRackTrvl_HwDeg_f32	445.963013
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	450.122986
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-600.114014
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	0
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	300
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_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	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_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_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_f32
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) ✔

Name	Input Value
LrnEOT_ResetLimitReq_Cnt_M_lgc	0
Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_LrnEOT	target_Rte_Inst_Ap_LrnEOT
k_MaxRackTrvl_HwDeg_f32	545.226013
k_MinRackTrvl_HwDeg_f32	678.226013
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	650.236023
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-800.963013
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1
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_f32
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT

Name	Actual Value	Expected Value	Result
LrnEOT_CcwEOTTimer_mS_M_u32	600	600	✔
LrnEOT_CwEOTTimer_mS_M_u32	600	600	✔
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0	✔
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0	✔
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-678.226013	-678.226013 ± 0.0625	✔
			✔

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	700
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	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) ✔

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)				✔
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	550.236023			
k_MinRackTrvl_HwDeg_f32	650.236023			
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	750.236023			
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-550.236023			
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1			
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1			
target_Rte_Call_Ap_LrnEOT_SystemTime_GetSystemTime_mS_u32_CurrentTime	4294967295			
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWFound_Cnt_lgc	target_LrnEOT_Init1_CCWFound_Cnt_lgc			
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_f32			
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc			
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f32			
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT			
Name	**Actual Value**	**Expected Value**		**Result**
LrnEOT_CcwEOTTimer_mS_M_u32	4294967295	4294967295		✔
LrnEOT_CwEOTTimer_mS_M_u32	4294967295	4294967295		✔
LrnEOT_ResetLimitReq_Cnt_M_lgc	0	0		✔
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	0	0		✔
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-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	

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_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CCWPosition_HwDeg_f32	target_LrnEOT_Init1_CCWPosition_HwDeg_f32		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWFound_Cnt_lgc	target_LrnEOT_Init1_CWFound_Cnt_lgc		
target_Rte_Inst_Ap_LrnEOT.LrnEOT_Init1_CWPosition_HwDeg_f32	target_LrnEOT_Init1_CWPosition_HwDeg_f32		
target_Rte_Inst_Ap_LrnEOT.Pim_LearnedEOT	target_Pim_LearnedEOT		
Name	**Actual Value**	**Expected Value**	**Result**
LrnEOT_CcwEOTTimer_mS_M_u32	20000	20000	✔
LrnEOT_CwEOTTimer_mS_M_u32	20000	20000	✔
LrnEOT_ResetLimitReq_Cnt_M_lgc	1	1	✔
target_LrnEOT_Init1_CCWFound_Cnt_lgc.value	1	1	✔
target_LrnEOT_Init1_CCWPosition_HwDeg_f32.value	-800.122986	-800.122986 ± 0.0625	✔
target_LrnEOT_Init1_CWFound_Cnt_lgc.value	1	1	✔
target_LrnEOT_Init1_CWPosition_HwDeg_f32.value	800.122986	800.122986 ± 0.0625	✔
target_Pim_LearnedEOT.CWEOTPosition_HwDeg_f32	800.122986	800.122986 ± 0.0625	✔
target_Pim_LearnedEOT.CCWEOTPosition_HwDeg_f32	-800.122986	-800.122986 ± 0.0625	✔
target_Pim_LearnedEOT.CWEOTFound_Cnt_lgc	1	1	✔
target_Pim_LearnedEOT.CCWEOTFound_Cnt_lgc	1	1	✔

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	✔