

Report Generated by Test Manager

Title: Team6_Tests
Author: hamadeb_yakubup_memberea
Date: 05-Oct-2024 22:06:26

Test Environment

Platform: PCWIN64
MATLAB: (R2023a)

Report generation was stopped before it could finish. Content may be incomplete.

Summary

Name	Outcome	Duration (Seconds)
Results: 2024-Oct-05 21:58:58	15	162.462
Indicator Board Requirements Tests	15	153.534
IB_1_PropulsionSystemLightON		69.258
IB_2_PropulsionSystemLightOFF		9.204
IB_3_PropulsionSystemLightFlashing		6.305
IB_4_HVSystemLightON		6.212
IB_5_HVSystemLightOFF		7.582
IB_6_HVSystemLightFlashing		4.953
IB_7_LongitudinalControlSystemLightON		5.619
IB_8_LongitudinalControlSystemLightOFF		6.084
IB_9_LongitudinalControlSystemLightFLASHING		5.986
IB_10_CAVLateralControlStatusON		5.545
IB_11_CAVLateralControlStatusOFF		5.025
IB_12_CAVLateralControlStatusFLASHING		5.075
IB_13_CAVV2XStatusON		5.418
IB_14_CAVV2XStatusOFF		4.932
IB_15_CAVV2XStatusFLASHING		5.302

Results: 2024-Oct-05 21:58:58

Result Type: Result Set
Parent: None
Start Time: 05-Oct-2024 21:59:09
End Time: 05-Oct-2024 22:01:52
Outcome: Total: 15, Passed: 15

[Back to Report Summary](#)

Indicator Board Requirements Tests

Test Result Information

Result Type: Test Suite Result
Parent: [Results: 2024-Oct-05 21:58:58](#)
Start Time: 05-Oct-2024 21:59:09
End Time: 05-Oct-2024 22:01:43
Outcome: Total: 15, Passed: 15

Test Suite Information

Name: Indicator Board Requirements Tests

[Back to Report Summary](#)

IB_1_PropulsionSystemLightON

Test Result Information

Result Type: Test Case Result
Parent: [Indicator Board Requirements Tests](#)
Start Time: 05-Oct-2024 21:59:09
End Time: 05-Oct-2024 22:00:18
Outcome: Passed


Test Case Information

Name: IB_1_PropulsionSystemLightON
Type: Baseline Test

Test Case Requirements

Description: IB 1 Propulsion System Status light ON when enabled and no faults are detected
Document: IndicatorBoard.slreqx

Logical and Temporal Assessments

Name	Assessment
 Assessment1	At any point in time, whenever ((PropulsionSystemEnabled == 1) & (PropulsionSystemFault == 0)) is true then, with a delay of at most 0.01 seconds, (PropulsionSystemStatusLight == 1) must be true

Input Data

Input Information

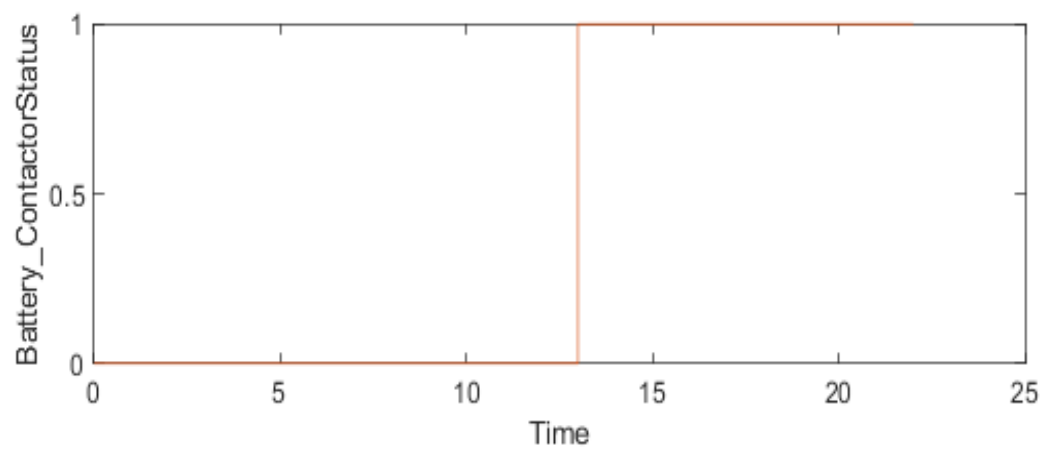
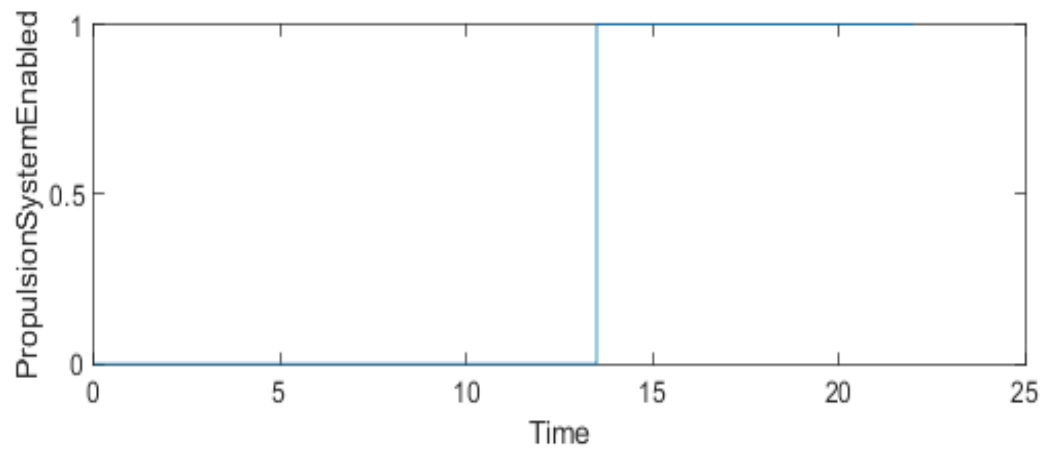
External Input IB_in_r1_test1.mat

Name:

External Input File: C:\Users\valca\Documents\ECOCAR\pcm-dev-challenge-y3\IB_in_r1_test1.mat

Name	Data Type	Units	Sample Time	Interp	Sync	Link to Plot
PropulsionSystemEnabled	double		Continuous	linear	union	Link
Battery_ContactorStatus	double		Continuous	linear	union	Link
KeyCycle_Detected	double		Continuous	linear	union	Link
Isolation_Fault	double		Continuous	linear	union	Link
Regen_Braking_Switch	double		Continuous	linear	union	Link
CAV_LongCtrl_Switch	double		Continuous	linear	union	Link
CAV_LatCtrl_Switch	double		Continuous	linear	union	Link
CAV_V2XCtrl_Switch	double		Continuous	linear	union	Link
Autera12VEnabled	double		Continuous	linear	union	Link
CAV_LongCntrlLightCmd	double		Continuous	linear	union	Link
CAV_LatCntrlLightCmd	double		Continuous	linear	union	Link
CAV_V2XCntrlLightCmd	double		Continuous	linear	union	Link
EDUFault	double		Continuous	linear	union	Link
PropSysFault	double		Continuous	linear	union	Link

Name	Data Type	Units	Sample Time	Interp	Sync
PropulsionSystemEnabled	double		Continuous	linear	union
Battery_ContactorStatus	double		Continuous	linear	union



Test Logs:
No baseline criteria evaluation performed as no baseline data is available for this test.

[Back to Report Summary](#)