|  |  |
| --- | --- |
| **Project** | DAI\_MMA |
| **Module** | MMG\_CyclesModes |
| **Test Object** | mmg\_UpdateModeStatus\_InhibitionOfCyclesByInternalFailure\_AllCycles |
| **Module UUID** | |  | | --- | | ed3f0367-43a5-49bc-b49b-c0271f8b190b | |
| **Test Object UUID** | |  | | --- | | 774e67e5-81b5-47d8-8f0f-32d3e3a41e01 | |

|  |  |  |
| --- | --- | --- |
| **Instrumentation: Test object only** | | |
| **Statement (C0) Coverage** | **88.88 %** |  |
| **Branch (C1) Coverage** | **83.33 %** |  |

**Statistics**

|  |  |  |
| --- | --- | --- |
| **Total Testcases** | 1 |  |
| **Successful** | 1 |  |
| **Failed** | 0 |  |
| **Not Executed** | 0 |  |

**Module Properties**

|  |  |
| --- | --- |
| **Project Root Directory** | C:\Projects\DAI\_MMA\Phase\_02\View\_Development\Tools\Tessy\Workspace |
| **Configuration File** | $(PROJECTROOT)\tessy\config\configuration.xml |
| **Target Environment** | GNU GCC Eclipse CDT (Default) |
| **Kind of Test** | Unit Test |
| **Linker Options** |  |
| **Source Root Directory** | C:\Projects\DAI\_MMA\Phase\_02\View\_Development\Components\Application\Autoliv |
| | **Source File(s)** |  | | --- | --- | | **File** | |  |  |  |  | | --- | --- | --- | --- | | $(SOURCEROOT)\MMG\Implementation\src\MMG\_CyclesModes.c | Revision: 1.1.9.16 |  |  | | | **Compiler Options** | -I$(SOURCEROOT)\MMG\Implementation\inc -I$(SOURCEROOT)\TL\_Lib\Implementation\inc -I$(SOURCEROOT)\..\Supplier\DaVinci\_generated -I$(SOURCEROOT)\..\Supplier\\_Common -I$(SOURCEROOT)\..\Supplier\Dem -I$(SOURCEROOT)\..\Supplier\Os -I$(SOURCEROOT)\..\Supplier\Dio -I$(SOURCEROOT)\..\Supplier\Det -I$(SOURCEROOT)\NVP\Implementation\inc | |  |  | | |

| **Notes** | |
| --- | --- |
| **Type** | **Text** |
| |  | | --- | | [PROBLEM] TC '1 AAUT\_MMG\_0054' | | u8ModeStatusIsOk ia initialized with TRUE value just before the IF loop. ELSE statement unreachable. |
|  |  |

| **Interface** | | |
| --- | --- | --- |
| **Element** | **Passing** | **Target Passing** |
| **External Functions** |  |  |
| void ERH\_runGetAecStatus(u8AecIdentifierType,u8AecStatusType \*) |  |  |
| **External Variables** |  |  |
| unsigned long MMG\_u32ModesStatus | INOUT |  |
| unsigned long MMG\_u32ModesStatusComplement | INOUT |  |
| **Global Variables** |  |  |
| unsigned short MMG\_u16DelayToClearModeAfterCycle | INOUT |  |
|  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Usercode**   |  | | --- | | **Stub Functions** | | **ERH\_runGetAecStatus**  $stub void ERH\_runGetAecStatus(u8AecIdentifierType,u8AecStatusType \*) {  $case 1.1 {  \* pu8AecStatus = 2;  }  $case 1.2 {  \* pu8AecStatus = ERH\_KU8\_AEC\_QUALIFIED\_STATUS\_MASK;  }  } | |  | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | **Test Case 1: AAUT\_MMG\_0054** | Result: OK |  |  |  | | --- | --- | | **Specification** | COVERS: DSG\_MMG\_0038 | | **Description** | Check internal and voltage status | | **UUID** | 295670ab-5f79-4a9f-85c4-1d56cf33f53b |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | |  |  | | **Test Step 1.1 (Repeat Count = 1): Internal and voltage status OK** |  |      | **Name** | **Input Value** | | --- | --- | | MMG\_u16DelayToClearModeAfterCycle | 0xFFFF | | MMG\_u32ModesStatus | 0 | | MMG\_u32ModesStatusComplement | 0 |      | **Name** | **Actual Value** | **Expected Value** | **Result** | | --- | --- | --- | --- | | MMG\_u16DelayToClearModeAfterCycle | 65535 | 65535 |  | | MMG\_u32ModesStatus | 0 | 0 |  | | MMG\_u32ModesStatusComplement | 4194304 | 4194304 |  |  |  |  | | --- | --- | |  |  | | **Test Step 1.2 (Repeat Count = 1): Internal and voltage status NOK** |  |      | **Name** | **Input Value** | | --- | --- | | MMG\_u16DelayToClearModeAfterCycle | 0 | | MMG\_u32ModesStatus | 0 | | MMG\_u32ModesStatusComplement | 0 |      | **Name** | **Actual Value** | **Expected Value** | **Result** | | --- | --- | --- | --- | | MMG\_u16DelayToClearModeAfterCycle | 0 | 0 |  | | MMG\_u32ModesStatus | 4194304 | 4194304 |  | | MMG\_u32ModesStatusComplement | 0 | 0 |  | | |