## Test Case 3.1

Validated Requirements

2150: Faulty selection of RM mode (Functional Requirement)

Description

This test case verifies the event "Faulty selection of RM mode" when RM Mode is activated and Mode selector is not in Forward or reverse position.

Categories

|  |  |
| --- | --- |
| Formal Test | Yes |
| Execution Environment | Lab |
| V-Level | System |
| Function Group | Train Control, Presence and Coupling |
| Regression | No |
| Automated | No |
| Single Unit Operation Applicability | Yes |
| Multiple Unit Operation Applicability | No |

Pre-Condition

1.  Set Train State to TS3 in DT1

Test Case Design

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| --- | --- | --- |
| No | Action | Expected Result |
| 1 | Set the Local cab DT1 to Active | Verify that event 'Faulty selection of RM mode' is not logged. |
| 2 | Set the RMMR Status to active  Set the Driving mode to OFF | Verify that event 'Faulty selection of RM mode' is logged |
| 3 | Set the Driving mode to RM Forward | Verify that event 'Faulty selection of RM mode' is not logged |
| 4 | Set the Driving mode to Standby | Verify that event 'Faulty selection of RM mode' is logged |
| 5 | Set the Driving mode to RM Reverse | Verify that event 'Faulty selection of RM mode' is not logged |
| 6 | Set Driving mode to ATPM | Verify that event 'Faulty selection of RM mode' is logged |
| 7 | Set the RMMR mode to Inactive  Set the Driving mode to OFF | Verify that event 'Faulty selection of RM mode' is not logged |
| 8 | Repeat the Step 1 to Step 7 by deactivate DT1 and activating DT2 | |

Post-Condition

1.  Set Train State to TS1 in DT2