## Test Case 3.4

Validated Requirements

215: Faulty selection of DTO mode (Functional Requirement)

Description

This test case verifies the event "Faulty selection of DTO mode" when DTO Mode is activated and Mode selector is in any other position other than OFF.

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  Set the DTO mode to active  Set the Driving mode to FWD mode selected | Verify that event 'Faulty selection of DTO mode' is logged. |
| 2 | Set the Driving mode to OFF mode selected | Verify that event 'Faulty selection of DTO mode' is not logged |
| 3 | Set the Driving mode to REV mode selected | Verify that event 'Faulty selection of DTO mode' is logged |
| 4 | Set the Driving mode to OFF mode selected | Verify that event 'Faulty selection of DTO mode' is not logged |
| 5 | Set the Driving mode to ATPM mode selected | Verify that event 'Faulty selection of DTO mode' is logged |
| 6 | Set the Driving mode to OFF mode selected | Verify that event 'Faulty selection of DTO mode' is not logged |
| 7 | Set the Driving mode to STBY mode selected | Verify that event 'Faulty selection of DTO mode' is logged |
| 8 | Set the Driving mode to OFF mode selected | Verify that event 'Faulty selection of DTO mode' is not logged |
| 9 | Repeat step 1 to step 8  by deactivating the DT1 and activating the DT2 | |

Post-Condition

1.  Set Train State to TS1 in DT2