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| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | Title | | |
| Test Case | | 3.16.1 | 1 | | Override with authorization. FS mode. The radio communication session is established with the RBC. | | |
|
| Baseline applicable | | Baseline 3 | | | | | |
| Test case author | | ADIF | | | | | |
| Test Objective(s) | | Verify that the "Override" function is available in FS mode and it is managed correctly. | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | | 2 | |
| Mode | | | | FS | |
| Train Speed (km/h) | | | | 0 | |
| Additional starting conditions | | | | The train is at standstill in rear of a light signal showing stop aspect.  The national values are stored on-board: V\_NVALLOWOVTRP, V\_NVSUPOVTRP and D\_NVOVTRP. The radio communication session is established with the RBC. | |
| Sequence of the Test Case | | Checkpoints | | | | | |
| Step | Step description | Interfaces | | Description of what to be tested at the interface | | | OK? |
| 1 | Override function is activated.  Driver selects override. | DMI (O) | | Vtrain = 0 km/h | | |  |
| DMI (I) | | Override EoA is selected | | |  |
| JRU | | V\_TRAIN = 0 M\_DRIVERACTIONS = 14 (LRBG1) D\_LRBG = D1 | | |  |
| 2 | Transition to SR (OV) mode. | DMI (O) | | Override EoA symbol Vpermitted = V\_NVSUPOVTRP | | |  |
| DMI (I) | |  | | |  |
| JRU | | M\_MODE = 2 V\_PERM = V\_NVSUPOVTRP DMI\_SYMB\_STATUS  MO03 | | |  |
| 3 | The EVC reports to the RBC the train position when the mode transition is performed. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 136  Packet 0/1  M\_MODE=2 | | |  |
| 4 | The EVC does not switch to TR while the override function is active. | DMI (O) | | Override EoA symbol Vpermitted = V\_NVSUPOVTRP | | |  |
| DMI (I) | |  | | |  |
| JRU | | M\_MODE = 2 V\_PERM = V\_NVSUPOVTRP  DMI\_SYMB\_STATUS  MO03 | | |  |
| 5 | The train overpasses the former EoA and the override function is deactivated (transition to TR mode is re-activated). | DMI (O) | | Override EoA symbol disappears SR symbol Vpermitted = V\_NVSTFF | | |  |
| DMI (I) | |  | | |  |
| JRU | | V\_PERM = V\_NVSTFF D\_NVOVTRP > D\_LRBG - D1(LRBG1) T\_NVOVTR > T\_ov (Time in seconds since override function was selected)  DMI\_SYMB\_STATUS  MO09 | | |  |
| Final state | | Level | | 2 | | | |
| Mode | | SR | | | |
| Train Speed (km/h) | | ≤ 100 | | | |
| Other parameters | |  | | | |
| Final Test Result | |  | | | | | |
| Field of Application | | Spain | | | | | |
| Briefing instructions | |  | | | | | |