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| *TEST CASE DESCRIPTION* | | | | | | |
|  | | Code | Version | | Title | |
| Test Case | | 3.16.3 | 1 | | Override with authorization. PT 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 PT mode and it is managed correctly. | | | | |
| Diagram | |  | | | | |
| Starting conditions | | Level | | 2 | | |
| Mode | | PT | | |
| Train Speed (km/h) | | 0 | | |
| Additional starting conditions | | The train is at standstill.  The national values are stored on-board. | | |
| Sequence of the Test Case | | Checkpoints | | | | |
| Step | Step description | Interfaces | Description of what to be tested at the interface | | | OK? |
| 1 | Driver selects override. Override function is activated. | DMI (O) | Vtrain = 0 km/h  PT mode symbol | | |  |
| DMI (I) | Override EoA is selected | | |  |
| JRU | V\_TRAIN = 0 M\_DRIVERACTIONS = 14  M\_MODE=8  DMI\_SYMB\_STATUS  MO06  (LRBG1) D\_LRBG = D1 | | |  |
| 2 | Transition to SR (OV) mode. The driver toggles on the supervision limits. | DMI (O) | Override EoA symbol Vpermitted = V\_NVSUPOVTRP | | |  |
| DMI (I) |  | | |  |
| JRU | M\_MODE = 2  M\_DRIVERACTIONS=27 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 “min safe antenna position” of the train overpasses the former EoA (front end) before running the maximum permitted distance in OV (D\_NVOVTRP) and before the maximum time in OV elapses (T\_NVOVTRP), inhibiting the stop order. | DMI (O) |  | | |  |
| DMI (I) |  | | |  |
| JRU | D (LRBG)-D1<D\_NVOVTRP  TOV<T\_NVOVTRP (Time in seconds since override function was selected)  D (LRBG) - L\_DOUBTOVER - (offset between front end and antenna position) > former EoA | | |  |
| 5 | The override procedure finishes. | DMI (O) | Override EoA symbol disappears SR symbol Vpermitted = V\_NVSTFF | | |  |
| DMI (I) |  | | |  |
| JRU | V\_PERMITTED = V\_NVSTFF  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 | |  | | | | |