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| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | Title | | |
| Test Case | | 1.4.12 | 2 | | Level transition from L1 to LSTM ASFA. The level transition announcement is not received, and the first signal of the level STM area is closed. | | |
|
| Baseline applicable | | Baseline 2 (2.3.0.d) | | | | | |
| Test case author | | ADIF | | | | | |
| Test Objective(s) | | Verify that the transition from level 1 to level STM ASFA is performed correctly although the level transition announcement is not received, and the train runs according to the signaling in the level STM area. | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | | 1 | |
| Mode | | | | FS | |
| Train Speed (km/h) | | | | NR | |
| Additional starting conditions | | | | The train is approaching a BG with level transition to LSTM ASFA. The first signal beyond the transition border displays stop aspect.  The last balise of the BG that sends the level transition announcement is covered. | |
| Sequence of the Test Case | | Checkpoints | | | | | |
| Step | Step description | Interfaces | | Description of what to be tested at the interface | | | OK? |
| 1 | The train does not read the completely BG containing packet 41 with level transition announcement. The train applies the linking reaction programmed (service brake). | DMI (O) | | Service brake symbol  Linking error message | | |  |
| DMI (I) | |  | | |  |
| JRU | | BALISE GROUP ERROR  M\_ERROR=1  SERVICE BRAKE STATE = APPLICATION  START DISPLAYING PLAIN TEXT MESSAGE (1) | | |  |
| 2 | The train comes to standstill and service brake is revoked. The MA and track description are shortened to the current train position. | DMI (O) | | Vtrain=0  Service brake symbol disappears  MA shortening | | |  |
| DMI (I) | |  | | |  |
| JRU | | V\_TRAIN=0  V\_PERMITTED=0  D\_TARGET=0  SERVICE BRAKE STATE = REVOCATION | | |  |
| 3 | The driver selects “Override” to continue. | DMI (O) | | Level 1  SR mode symbol  Override EoA symbol | | |  |
| DMI (I) | | Override EoA is selected | | |  |
| JRU | | M\_DRIVERACTIONS = 14 | | |  |
| 4 | Override function is activated. | DMI (O) | | Override EoA Symbol  Vpermitted = V\_NVSUPOVTRP | | |  |
| DMI (I) | |  | | |  |
| JRU | | V\_PERMITTED = V\_NVSUPOVTRP | | |  |
| 5 | The Override procedure finalizes. | DMI (O) | | Level 1 symbol  SR mode symbol  Override EoA symbol disappears | | |  |
| DMI (I) | |  | | |  |
| JRU | | V\_PERMITTED = V\_NVSTFF  M\_LEVEL = 2  M\_MODE = 2 | | |  |
| 6 | The balise group with level transition order to Level STM is read. | DMI (O) | | Level STM ASFA Acknowledgement is displayed | | |  |
| DMI (I) | |  | | |  |
| JRU | | Packet 41  D\_LEVELTR = 32767  M\_LEVELTR = 1  NID\_STM = 0 (ASFA)  START DISPLAYING TEXT MESSAGE (2) | | |  |
| 7 | Transition to LSTM ASFA is performed and the driver acknowledges the level transition. | DMI (O) | | Level STM Symbol  SN Symbol  Level STM ASFA Acknowledgement disappears | | |  |
| DMI (I) | | Driver acknowledges the level transition | | |  |
| JRU | | M\_LEVEL= 1  M\_MODE = 13  M\_DRIVERACTIONS = 10  STOP DISPLAYING TEXT MESSAGE (2) | | |  |
| Final state | | Level | | STM | | |  |
| Mode | | SN | | |  |
| Train Speed (km/h) | | NR | | |  |
| Other parameters | |  | | |  |
| Final Test Result | |  | | | | | |
| Field of Application | | Spain | | | | | |
| Briefing instructions | | The permitted speed at the transition point allows the train to respect the signaling speed restrictions in the level STM ASFA area.  In addition it shall be verified that once the level transition is performed the driver is able to see the aspect of the first signal of the level STM area and the ASFA system is able to read the information of the previous balise group associated to the first signal of the level STM area. | | | | | |