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| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | Title | | |
| Test Case | | 2.1.4 | 1 | | Level transition from LSTM LZB to L1. Signal at stop aspect. | | |
|
| Baseline applicable | | Baseline 2 (2.3.0.d) | | | | | |
| Test case author | | ADIF | | | | | |
| Test Objective(s) | | Verify that the transition from level STM LZB to level 1 is performed correctly. | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | | STM LZB | |
| Mode | | | | SN | |
| Train Speed (km/h) | | | | NR | |
| Additional starting conditions | | | | The train is running in LSTM LZB with transmission and approaching a BG with level 1 transition announcement and the signal at the transition border shows stop aspect. | |
| Sequence of the Test Case | | Checkpoints | | | | | |
| Step | Step description | Interfaces | | Description of what to be tested at the interface | | | OK? |
| 1 | The train receives the level transition announcement via balise group. | DMI (O) | | Level 1 transition announcement | | |  |
| DMI (I) | |  | | |  |
| JRU | | M\_LEVEL = 1  M\_MODE = 13  Packet 41  D\_LEVELTR = D1  M\_LEVELTR = 2  L\_ACKLEVELTR = L1  START DISPLAYING TEXT MESSAGE (1) | | |  |
| 2 | The EVC runs the distance “D1-L1” at which the acknowledgement window of the transition to Level 1 is shown to the driver. | DMI (O) | | Level 1 Acknowledgement is displayed | | |  |
| DMI (I) | |  | | |  |
| JRU | | Estimated front end=D1-L1-L\_DOUBTUNDER  START DISPLAYING TEXT MESSAGE (2) | | |  |
| 3 | The driver acknowledges the level transition. | DMI (O) | | Level 1 Acknowledgement disappears | | |  |
| DMI (I) | | Driver acknowledges the level transition. | | |  |
| JRU | | M\_DRIVERACTIONS = 7  STOP DISPLAYING TEXT MESSAGE (2) | | |  |
| 4 | The train is at standstill in front of the light signal showing stop aspect. The driver selects “Override EoA” function in ETCS system and the “Override” function in STM LZB system. | DMI (O) | | Vtrain= 0 Km/h | | |  |
| DMI (I) | | Override EoA | | |  |
| JRU | | V\_TRAIN=0  M\_DRIVERACTIONS = 14 | | |  |
| 5 | Override function is activated. | DMI (O) | | Override EoA Symbol  Vpermitted = V\_NVSUPOVTRP | | |  |
| DMI (I) | |  | | |  |
| JRU | | V\_PERMITTED = V\_NVSUPOVTRP | | |  |
| 6 | The balise group with the level transition order is read. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Packet 41  D\_LEVELTR = 32767  M\_LEVELTR = 2 | | |  |
| 7 | The Override procedure finalizes and the EVC switches to level 1. | DMI (O) | | Level 1 symbol  SR mode symbol  Override EoA symbol disappears  Level 1 transition announcement disappears | | |  |
| DMI (I) | |  | | |  |
| JRU | | V\_PERMITTED = V\_NVSTFF  M\_LEVEL = 2  M\_MODE = 2  STOP DISPLAYING TEXT MESSAGE (1) | | |  |
| Final state | | Level | | 1 | | |  |
| Mode | | SR | | |  |
| Train Speed (km/h) | | NR | | |  |
| Other parameters | |  | | |  |
| Final Test Result | |  | | | | | |
| Field of Application | | Spain | | | | | |
| Briefing instructions | |  | | | | | |