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| --- | --- | --- | --- | --- | --- | --- | --- |
| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | Title | | |
| Test Case | | 2.2.6 | 1 | | Level transition from L1 to LSTM LZB. The level transition order is not received. | | |
|
| 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 LZB is performed correctly when the level transition order is not received | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | | 1 | |
| Mode | | | | FS | |
| Train Speed (km/h) | | | | NR | |
| Additional starting conditions | | | | The train is approaching a BG with level STM LZB transition announcement and the signals ahead are in permissive 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 STM LZB transition announcement | | |  |
| DMI (I) | |  | | |  |
| JRU | | M\_LEVEL = 2  M\_MODE = 0  Packet 41  D\_LEVELTR = D1  M\_LEVELTR = 1  L\_ACKLEVELTR = L1  NID\_STM | | |  |
| 2 | The EVC runs the distance “D1-L1” at which the acknowledgement window of the transition to Level STM LZB is shown to the driver. | DMI (O) | | Level STM LZB acknowledgement is displayed | | |  |
| DMI (I) | |  | | |  |
| JRU | | Estimated front end=D1-L1-L\_DOUBTUNDER | | |  |
| 3 | The driver acknowledges the level transition. | DMI (O) | | Level STM LZB acknowledgement disappears | | |  |
| DMI (I) | | Driver acknowledges the level transition. | | |  |
| JRU | | M\_DRIVERACTIONS = 10 | | |  |
| 4\* | The train does not read completely the BG containing packet 41 with level transition order.  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) | | |  |
| 5\* | The EVC switches to Level STM LZB when the EVC runs the distance "D1" | DMI (O) | | Level STM Symbol  SN Symbol  LSTM LZB transition announcement disappears | | |  |
| DMI (I) | |  | | |  |
| JRU | | M\_LEVEL=1  M\_MODE=13 | | |  |
| 6 | STM LZB continues with transmission mode. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | |  | | |  |
| 7 | The train comes to standstill and service brake is revoked. | DMI (O) | | Vtrain=0  Service brake symbol disappears | | |  |
| DMI (I) | |  | | |  |
| JRU | | V\_TRAIN=0  SERVICE BRAKE STATE = REVOCATION  STOP DISPLAYING PLAIN TEXT MESSAGE (1) | | |  |
| Final state | | Level | | STM | | |  |
| Mode | | SN | | |  |
| Train Speed (km/h) | | NR | | |  |
| Other parameters | |  | | |  |
| Final Test Result | |  | | | | | |
| Field of Application | | Spain | | | | | |
| Briefing instructions | | (\*) -The steps 4 and 5 can be performed in different order. | | | | | |