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| --- | --- | --- | --- | --- | --- | --- | --- |
| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | Title | | |
| Test Case | | 2.2.1 | 2 | | Level transition from L1 to LNTC LZB. Standard operating conditions. | | |
|
| Baseline applicable | | Baseline 3 | | | | | |
| Test case author | | ADIF | | | | | |
| Test Objective(s) | | Verify that the transition from level 1 to level NTC LZB is performed correctly and without abrupt changes in the permitted speed. | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | | 1 | |
| Mode | | | | FS | |
| Train Speed (km/h) | | | | NR | |
| Additional starting conditions | | | | The train is approaching a BG with level NTC 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 NTC LZB transition announcement is displayed | | |  |
| DMI (I) | |  | | |  |
| JRU | | M\_LEVEL = 2  M\_MODE = 0  Packet 41 | | |  |
| D\_LEVELTR = D1  M\_LEVELTR = 1  L\_ACKLEVELTR = L1  NID\_NTC= 10 (LZB)  DMI\_SYMB\_STATUS  LE08 | | |
| 2 | The EVC runs the distance “D1-L1” at which the acknowledgement window of the transition to Level NTC LZB is shown to the driver. | DMI (O) | | Level NTC LZB acknowledgement is displayed | | |  |
| DMI (I) | |  | | |  |
| JRU | | Estimated front end=D1-L1-L\_DOUBTUNDER  DMI\_SYMB\_STATUS  LE09 | | |  |
| 3 | The driver acknowledges the level transition. | DMI (O) | | Level NTC LZB acknowledgement disappears | | |  |
| DMI (I) | | Driver acknowledges the level transition. | | |  |
| JRU | | M\_DRIVERACTIONS = 10 | | |  |
| 4 | The EVC runs the distance "D1" or the balise group with level transition order to LNTC LZB is read. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Packet 41  D\_LEVELTR =32767  M\_LEVELTR = 1  NID\_NTC = 10 (LZB) | | |  |
| 5 | The EVC switches to Level NTC LZB without abrupt changes in the permitted speed. | DMI (O) | | Level NTC Symbol  SN Symbol  LNTC LZB transition announcement disappears | | |  |
| DMI (I) | |  | | |  |
| JRU | | M\_LEVEL=1  M\_MODE=13 | | |  |
| DMI\_SYMB\_STATUS  LE02, MO19 | | |
| 6 | NTC LZB continues with transmission mode. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | |  | | |  |
| Final state | | Level | | NTC LZB | | |  |
| Mode | | SN | | |  |
| Train Speed (km/h) | | NR | | |  |
| Other parameters | |  | | |  |
| Final Test Result | |  | | | | | |
| Field of Application | | Spain | | | | | |
| Briefing instructions | |  | | | | | |