|  |  |  |  |  |  |  |  |
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| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | Title | | |
| Test Case | | 3.17.2 | 1 | | Level transition from L1 to L2. Signal at proceed aspect. | | |
|
| Baseline applicable | | Baseline 3 | | | | | |
| Test case author | | ADIF | | | | | |
| Test Objective(s) | | Verify that the transition from level 1 to level 2 is performed correctly when the train receives the level transition order to level 2 and without any abrupt change in the permitted speed. The light signal at the border shows proceed aspect. | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | | 1 | |
| Mode | | | | FS | |
| Train Speed (km/h) | | | | NR | |
| Additional starting conditions | | | | The train is approaching the level transition border at the maximum speed of the line.  All the signals are in proceed aspect  A level 1 movement authority beyond the level transition border is stored onboard. | |
| Sequence of the Test Case | | Checkpoints | | | | | |
| Step | Step description | Interfaces | | Description of what to be tested at the interface | | | OK? |
| 1 | The train receives an order to connect the RBC via balise | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Packet 42  NID\_RBC  NID\_RADIO  Q\_RBC = 1  Q\_SLEEPSESSION = 0 | | |  |
| 2 | The EVC starts the connection establishment procedure with the RBC | DMI (O) | | Safe radio connection “Connection Up” symbol | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 155  Message 32  Message 159  Message 129  Message 8  DMI\_SYMB\_STATUS  ST03 | | |  |
| 3 | The train receives the level 2 transition announcement | DMI (O) | | Level 2 transition announcement | | |  |
| DMI (I) | |  | | |  |
| JRU | | (LRBG1)  (If received from RBC Message 3/24/33)  Packet 41 | | |  |
| D\_LEVELTR = D1  M\_LEVELTR = 3  DMI\_SYMB\_STATUS  LE12 | | |
| 4 | The EVC receives a MA from the RBC | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 3  Packet 15  Packet 21  Packet 27 | | |  |
| 5 | The train receives the level 2 transition order | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Packet 41 | | |  |
| D\_LEVELTR = 32767  M\_LEVELTR = 3 | | |
| 6 | The EVC switches to Level 2 without any abrupt change in the permitted speed. | DMI (O) | | Level 2  FS Symbol  Vpermitted does not decrease  L2 transition announcement disappears | | |  |
| DMI (I) | |  | | |  |
| JRU | | M\_LEVEL = 3  M\_MODE = 0 | | |  |
| DMI\_SYMB\_STATUS  LE04, MO11 | | |
| 7 | The train reports its position to the RBC due to the level transition | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 136  Packet 0 | | |  |
| M\_LEVEL=3 | | |
| Final state | | Level | | 2 | | |  |
| Mode | | FS | | |  |
| Train Speed (km/h) | | NR | | |  |
| Other parameters | |  | | |  |
| Final Test Result | |  | | | | | |
| Field of Application | | Spain | | | | | |
| Briefing instructions | |  | | | | | |