|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | Title | | |
| Test Case | | 3.17.1 | 1 | | Level transition from L2 to L1. Signal at proceed aspect. | | |
|
| Baseline applicable | | Baseline 3 | | | | | |
| Test case author | | ADIF | | | | | |
| Test Objective(s) | | Verify that the transition from level 2 to level 1 is performed correctly upon receipt of the transition order without any change in the permitted speed. | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | | 2 | |
| Mode | | | | FS | |
| Train Speed (km/h) | | | | > 0 | |
| 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 2 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 the level transition announcement via balise. | DMI (O) | | Level 1 transition announcement | | |  |
| DMI (I) | |  | | |  |
| JRU | | (LRBG1)  Packet 41  D\_LEVELTR = "D1"  M\_LEVELTR=2 | | |  |
| 2 | The EVC runs the distance "D1" or the balise group with level transition order to level 1 is read. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | (LRBG2)  Packet 41 | | |  |
| D\_LEVELTR = 32767  M\_LEVELTR = 2 | | |
| 3 | Transition to L1 is performed without any abrupt change in the permitted speed. | DMI (O) | | Level 1 symbol | | |  |
| DMI (I) | |  | | |  |
| JRU | | M\_LEVEL = 2  DMI\_SYMB\_STATUS  LE03 | | |  |
| 4 | The train reports its position to the RBC due to the level transition. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 136  Packet 0/1 | | |  |
| M\_LEVEL = 2 | | |
| 5 | The EVC reports to the RBC the train position when the “min safe rear end” of the train reaches the transition border. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 136  Packet 0/1 | | |  |
| estimated front end (LRBG1) = L\_TRAIN + L\_DOUBTOVER | | |
| 6 | The RBC sends an order to terminate the communication session and the termination of the communication session is performed. | DMI (O) | | Safe radio connection “Connection Up” symbol disappears | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 3/24/33  Packet 42 | | |  |
| Q\_RBC=0  Message 156  Message 39 | | |
| Final state | | Level | | 1 | | |  |
| Mode | | NR | | |  |
| Train Speed (km/h) | | NR | | |  |
| Other parameters | |  | | |  |
| Final Test Result | |  | | | | | |
| Field of Application | | Spain | | | | | |
| Briefing instructions | | Optionally, a level 1 transition announcement can be sent by RBC. | | | | | |