|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | | Title | |
| Test Case | | Thales-6 | 1 | | | Level transition from L1 to L2 with signal at proceed aspect and revocation | |
|
| Baseline applicable | | Baseline 2 (2.3.0.d) | | | | | |
| Test case author | | Thales | | | | | |
| Test Objective(s) | | Verify that the transition from level 1 to level 2 is firstly correctly revoked and then is performed correctly when the train receives the second level transition order to level 2 and without any abrupt change in the permitted speed. The light signal at the border shows proceed aspect at first instance. | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | 1 | | |
| Mode | | | FS | | |
| Train Speed (km/h) | | | NR | | |
| Additional starting conditions | | | The train is approaching the level transition border. 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) | | Session establishment symbol | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 155  Message 32  Message 159  Message 129  Message 8 | | |  |
| 3 | The train receives the level 2 transition announcement and MA | 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  START DISPLAYING TEXT MESSAGE  Message 3  Packet 15  Packet 21  Packet 27 | | |  |
| 4 | The signalman revokes the route which starts at the level entry signal | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | |  | | |  |
| 5 | The RBC revokes the level transition (and optionally sends unconditional emergency stop) | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 24  Packet 41  D\_LEVELTR = 0  M\_LEVELTR = 2  Message 16 (optional) | | |  |
| 6 | The train receives the L2 announcement revocation | DMI (O) | | Level 2 transition announcement disappears | | |  |
| DMI (I) | |  | | |  |
| JRU | | STOP DISPLAYING TEXT MESSAGE | | |  |
| 7 | The signalman restablishes the route which starts at the level entry signal | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | |  | | |  |
| 8 | The train receives the level 2 transition announcement and MA | DMI (O) | | L2 transition announcement | | |  |
| DMI (I) | |  | | |  |
| JRU | | (LRBG1)  (If received from RBC Message 3/24/33)  Packet 41  D\_LEVELTR = D1  M\_LEVELTR = 3  START DISPLAYING TEXT MESSAGE  Message 3  Packet 15  Packet 21  Packet 27 | | |  |
| 9 | The train moves up to announcement location and 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  STOP DISPLAYING TEXT MESSAGE | | |  |
| 10 | 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 | |  | | | | | |