|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | | Title | |
| Test Case | | 1.4.6 | 2 | | | Level transition from L0 + ASFA to L1. Signal at stop aspect. | |
|
| Baseline applicable | | Baseline 2 (2.3.0.d) | | | | | |
| Test case author | | ADIF | | | | | |
| Test Objective(s) | | Verify that the transition from level 0 + ASFA to level 1 is performed correctly. | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | 0 + ASFA | | |
| Mode | | | UN | | |
| Train Speed (km/h) | | | NR | | |
| Additional starting conditions | | | The train is approaching a BG with level 1 transition announcement.  The light signal at the transition border shows stop 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 1 transition announcement | | |  |
| DMI (I) | |  | | |  |
| JRU | | M\_LEVEL = 0  M\_MODE = 4  Packet 41  D\_LEVELTR = D1  M\_LEVELTR = 2  START DISPLAYING TEXT MESSAGE (1) | | |  |
| 2 | The train is at standstill in front of the light signal showing stop aspect. The driver selects “Override EoA” in ETCS equipment. | DMI (O) | | Vtrain= 0 Km/h | | |  |
| DMI (I) | | Override EoA | | |  |
| JRU | | V\_TRAIN=0  M\_DRIVERACTIONS = 14 | | |  |
| 3 | Override function is activated. | DMI (O) | | Override EoA Symbol  Vpermitted = V\_NVSUPOVTRP | | |  |
| DMI (I) | |  | | |  |
| JRU | | V\_PERMITTED = V\_NVSUPOVTRP | | |  |
| 4 (\*) | The driver selects “ASFA override” in the ASFA equipment. |  | |  | | |  |
| 5 (\*) | The “ASFA override” is activated. |  | |  | | |  |
| 6 | The balise group with the level transition order is read. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Packet 41  D\_LEVELTR = 32767  M\_LEVELTR = 2 | | |  |
| 7 | The Override procedure finalizes and the EVC switches to level 1. | DMI (O) | | Level 1 symbol  SR mode symbol  Override EoA symbol disappears  Level 1 transition announcement disappears | | |  |
| DMI (I) | |  | | |  |
| JRU | | V\_PERMITTED = V\_NVSTFF  M\_LEVEL = 2  M\_MODE = 2  STOP DISPLAYING TEXT MESSAGE (1) | | |  |
| 8 (\*) | The ETCS on-board unit changes the ASFA mode from AV/CONV to EXT. |  | |  | | |  |
| Final state | | Level | | 1 | | |  |
| Mode | | SR | | |  |
| Train Speed (km/h) | | NR | | |  |
| Other parameters | |  | | |  |
| Final Test Result | |  | | | | | |
| Field of Application | | Spain | | | | | |
| Briefing instructions | | (\*) These steps verify functionality related to NF-27. | | | | | |