|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | Title | | |
| Test Case | | 1.4.5 | 2 | | Level transition from L0 + ASFA to L1. Signal at proceed aspect. | | |
|
| Baseline applicable | | Baseline 3 | | | | | |
| 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 | |
| Mode | | | | UN | |
| Train Speed (km/h) | | | | NR | |
| Additional starting conditions | | | | The train is running in a level 0 area approaching to a level 1 area.  All 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 1 transition announcement | | |  |
| DMI (I) | |  | | |  |
| JRU | | M\_LEVEL = 0  M\_MODE = 4  Packet 41  D\_LEVELTR = D1  M\_LEVELTR = 2  DMI\_SYMB\_STATUS  LE10 | | |  |
| 2 | The EVC receives a MA from a BG. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Packet 12  Packet 21  Packet 27 | | |  |
| 3 | The EVC runs the distance "D1" or the balise group with level transition order to L1 is read. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Packet 41  D\_LEVELTR = 32767  M\_LEVELTR = 2 | | |  |
| 4 | Transition to L1 is performed. | DMI (O) | | Level 1 Symbol  FS Symbol  Level 1 transition announcement disappears | | |  |
| DMI (I) | |  | | |  |
| JRU | | M\_LEVEL= 2  M\_MODE = 0  DMI\_SYMB\_STATUS  LE03, MO11 | | |  |
| 5 (\*) | The ETCS on-board unit changes the ASFA mode from AV/CONV to EXT. |  | |  | | |  |
| Final state | | Level | | 1 | | |  |
| Mode | | FS | | |  |
| Train Speed (km/h) | | NR | | |  |
| Other parameters | |  | | |  |
| Final Test Result | |  | | | | | |
| Field of Application | | Spain | | | | | |
| Briefing instructions | | (\*) These steps verify functionality related to NF-27. | | | | | |