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| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | Title | | |
| Test Case | | 1.4.7 | 3 | | Level transition from L1 to L0 +ASFA. Signal at stop aspect. | | |
|
| Baseline applicable | | Baseline 3 | | | | | |
| Test case author | | ADIF | | | | | |
| Test Objective(s) | | Verify that the transition from level 1 to level 0 + ASFA is performed correctly when the signal at the border shows stop aspect. | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | | 1 | |
| Mode | | | | FS | |
| Train Speed (km/h) | | | | NR | |
| Additional starting conditions | | | | The train is approaching the level transition border to level 0 and the signal at the transition border displays 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 0 transition announcement is displayed | | |  |
| DMI (I) | |  | | |  |
| JRU | | M\_LEVEL = 2  M\_MODE = 0  Packet 41  D\_LEVELTR = D1  M\_LEVELTR = 0  L\_ACKLEVELTR = L1  DMI\_SYMB\_STATUS  LE06 | | |  |
| 2 (\*) | The ETCS on-board unit changes the ASFA mode from EXT to AV/CONV. |  | |  | | |  |
| 3 | The train runs the distance “D1-L1” at which the acknowledgement window of the transition to Level 0 is shown to the driver. | DMI (O) | | Level 0 Acknowledgement is displayed | | |  |
| DMI (I) | |  | | |  |
| JRU | | DMI\_SYMB\_STATUS  LE07  Estimated front end = D1 – L1 – L\_DOUBTUNDER | | |  |
| 4 | The driver acknowledges the level transition. | DMI (O) | | Level 0 Acknowledgement disappears | | |  |
| DMI (I) | | Driver acknowledges the level transition | | |  |
| JRU | | M\_DRIVERACTIONS = 6 | | |  |
| 5 | The train is at standstill in front of the light signal at the transition border showing stop aspect.  The driver selects “Override EoA” function” on the ETCS DMI. | DMI (O) | | Vtrain = 0 km/h  Level 0 transition announcement is removed | | |  |
| DMI (I) | | Override EoA | | |  |
| JRU | | V\_TRAIN = 0  M\_DRIVERACTIONS = 14 | | |  |
| 6 | Override functionality activation. | DMI (O) | | EoA Override Symbol  Vpermitted = VOv | | |  |
| DMI (I) | |  | | |  |
| JRU | | V\_PERMITTED = V\_NVSUPOVTRP  DMI\_SYMB\_STATUS  MO03 | | |  |
| 7 (\*) | The driver selects “ASFA override” in the ASFA equipment. |  | |  | | |  |
| 8 (\*) | The “ASFA override” function is activated. |  | |  | | |  |
| 9 | The balise group with level transition order to L0 is read. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Packet 41  D\_LEVELTR = 32767  M\_LEVELTR = 0 | | |  |
| 10 (\*) | The ASFA balise associated to the light signal is read. |  | |  | | |  |
| 11 | The Override ends and the EVC switches to Level 0. | DMI (O) | | Level 0 symbol  UN symbol  Override EoA symbol disappears | | |  |
| DMI (I) | |  | | |  |
| JRU | | M\_LEVEL=0  M\_MODE=4  DMI\_SYMB\_STATUS  LE01, MO16 | | |  |
| Final state | | Level | | 0 | | |  |
| Mode | | UN | | |  |
| Train Speed (km/h) | | NR | | |  |
| Other parameters | |  | | |  |
| Final Test Result | |  | | | | | |
| Field of Application | | Spain | | | | | |
| Briefing instructions | | This test case applies in case the transition order is given in a BG associated to a main light signal.  (\*) These steps verify functionality related to NF-27. | | | | | |