|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | Title | | |
| Test Case | | 3.8.1 | 1 | | SoM without valid train location information. Mode transition to FS. | | |
|
| Baseline applicable | | Baseline 3 | | | | | |
| Test case author | | ADIF | | | | | |
| Test Objective(s) | | Verify that the onboard switches from SR to FS (without TAF procedure) in the same L2 block where the SoM is performed. | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | | 2 | |
| Mode | | | | SB | |
| Train Speed (km/h) | | | | 0 | |
| Additional starting conditions | | | | Not valid train location information. Train Data validated(L2)  Radio communication session established with the RBC  Train is close to the end of the block. Next L2 block is free. | |
| Sequence of the Test Case | | Checkpoints | | | | | |
| Step | Step description | Interfaces | | Description of what to be tested at the interface | | | OK? |
| 1 | Driver selects START. | DMI (O) | |  | | |  |
| DMI (I) | | Driver selects start | | |  |
| JRU | | M\_DRIVERACTIONS = 19  Message 132  Paquete 0/1  NID\_LRBG= 16777215  D\_LRBG= 32767  Q\_DIRLRBG=2  Q\_DLRBG=2 | | |  |
| 2 | The RBC sends a SR Authorization. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 2 | | |  |
| D\_SR | | |
| 3 | The driver acknowledges the SR mode. | DMI (O) | | SR Acknowledgement Symbol | | |  |
| DMI (I) | | Driver acknowledges the SR mode | | |  |
| JRU | | M\_DRIVERACTION=3 | | |  |
| DMI\_SYMB\_STATUS  MO10 | | |
| 4 | The EVC switches to SR mode. | DMI (O) | | SR Symbol | | |  |
| DMI (I) | |  | | |  |
| JRU | | M\_MODE=2  DMI\_SYMB\_STATUS  MO09 | | |  |
| 5 | After reading the BG close to the end of the block the EVC reports to the RBC the train position. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 136  Packet 0  NID\_LRBG≠16777215  Q\_DIRLRBG≠2  Q\_DLRBG≠2 | | |  |
| 6 | The RBC sends a message with MA information. The EVC switches to FS mode. | DMI (O) | | FS symbol | | |  |
| DMI (I) | |  | | |  |
| JRU | | M\_LEVEL = 3  M\_MODE = 0  Message 3/33  Packet 15  Packet 21  Packet 27  DMI\_SYMB\_STATUS  MO11 | | |  |
| 7 | The EVC reports to the RBC the mode change with a position report. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 136  Packet 0  M\_MODE=0 | | |  |
| Final state | | Level | | 2 | | |  |
| Mode | | FS | | |  |
| Train Speed (km/h) | | NR | | |  |
| Other parameters | |  | | |  |
| Final Test Result | |  | | | | | |
| Field of Application | | Spain | | | | | |
| Briefing instructions | |  | | | | | |