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| --- | --- | --- | --- | --- | --- | --- | --- |
| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | Title | | |
| Test Case | | 3.8.9 | 1 | | SoM in SB mode. Train in front of a light signal and with valid train location information. RBC/RBC Handover area. | | |
|
| Baseline applicable | | Baseline 3 | | | | | |
| Test case author | | ADIF | | | | | |
| Test Objective(s) | | Verify that the SoM procedure is performed correctly when the train is in front of a light signal (or a marker board) which is located close to the RBC/RBC Handover border. | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | | 2 | |
| Mode | | | | SB | |
| Train Speed (km/h) | | | | 0 | |
| Additional starting conditions | | | | Train is at standstill in front of a light signal/Marker board at a RBC/RBC Handover border and inside the ATAF area (or inside the distance guaranteed as free).  There is no communication session established between the EVC and the RBC. | |
| Sequence of the Test Case | | Checkpoints | | | | | |
| Step | Step description | Interfaces | | Description of what to be tested at the interface | | | OK? |
| 1 | The driver validates or introduces the Driver ID. | DMI (O) | |  | | |  |
| DMI (I) | | DRIVER\_ID | | |  |
| JRU | |  | | |  |
| 2 | The establishment of a communication session is initiated by the EVC.  A position report with valid position is sent to the RBC. | DMI (O) | | Safe radio connection “Connection Up” symbol | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 155  Message 32  Message 159  Message 157 | | |  |
| Q\_STATUS=1 (valid)  Packet 0/1  NID\_LRBG≠16777215  Q\_DIRLRBG≠2  Q\_DLRBG≠2  DMI\_SYMB\_STATUS  ST03 | | |
| 3 | The driver selects train data entry. Train data is entered or revalidated. | DMI (O) | |  | | |  |
| DMI (I) | | Driver selects Data Entry | | |  |
| JRU | | M\_DRIVERACTIONS=20  M\_DRIVERACTIONS=21  Message 129  Message 8 | | |  |
| 4 | Driver selects “Start”. | DMI (O) | |  | | |  |
| DMI (I) | | Driver selects Start | | |  |
| JRU | | M\_DRIVERACTIONS=19  Message 132 | | |  |
| 5 | The RBC sends a Movement authority and the EVC switches from SR to FS mode. | DMI (O) | | FS Symbol | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 3  Packet 15 | | |  |
| Packet 21  Packet 27  DMI\_SYMB\_STATUS  MO11 | | |
| 6 | The EVC sends a position report to the RBC1. | 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 | |  | | | | | |