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| --- | --- | --- | --- | --- | --- | --- | --- |
| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | Title | | |
| Test Case | | 3.8.2 | 1 | | SoM in SB mode after exit of SL mode. | | |
|
| Baseline applicable | | Baseline 3 | | | | | |
| Test case author | | ADIF | | | | | |
| Test Objective(s) | | Verify that the SoM is performed correctly in SB mode when the EVC has switched from SL mode to SB mode. | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | | 2 | |
| Mode | | | | SL | |
| Train Speed (km/h) | | | | 0 | |
| Additional starting conditions | | | | Train is at standstill.  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 desk of CAB B is closed, and the driver opens the desk of the CAB A. The EVC switches from SL mode to SB mode. | DMI (O) | | SB Symbol | | |  |
| DMI (I) | |  | | |  |
| JRU | | M\_MODE= 6 | | |  |
| DMI\_SYMB\_STATUS  MO13 | | |
| 2 | The driver validates or introduces the Driver ID. | DMI (O) | |  | | |  |
| DMI (I) | | Introduction of DRIVER\_ID | | |  |
| JRU | |  | | |  |
| 3 | 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 | | |
| 4 | 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 | | |
| 5 | Driver selects START. | DMI (O) | |  | | |  |
| DMI (I) | | Driver selects start | | |  |
| JRU | | M\_DRIVERACTIONS = 19  Message 132 | | |  |
| 6 | The RBC sends a SR authorization. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 2 | | |  |
| D\_SR | | |
| 7 | The driver acknowledges the SR mode. | DMI (O) | | SR Symbol | | |  |
| DMI (I) | | Driver acknowledges the SR mode | | |  |
| JRU | | M\_DRIVERACTION=3 | | |  |
| M\_MODE=2  DMI\_SYMB\_STATUS  MO09 | | |
| Final state | | Level | | 2 | | |  |
| Mode | | SR | | |  |
| Train Speed (km/h) | | NR | | |  |
| Other parameters | |  | | |  |
| Final Test Result | |  | | | | | |
| Field of Application | | Spain | | | | | |
| Briefing instructions | |  | | | | | |