|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | | Title | |
| Test Case | | 3.10.2 | 1 | | | Mode transition from PT to SR. | |
|
| Baseline applicable | | Baseline 2 (2.3.0 d) | | | | | |
| Test case author | | ADIF | | | | | |
| Test Objective(s) | | Verify that when the train is located outside the ATAF area (or outside the distance guaranteed as free) and the driver selects Start the RBC sends an authorization to run in SR mode and the EVC switches from PT to SR mode. | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | 2 | | |
| Mode | | | PT | | |
| Train Speed (km/h) | | | 0 | | |
| Additional starting conditions | | | The train is at standstill with valid location information and outside the ATAF area (or outside the distance guaranteed as free).  There is a 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 selects Start. | DMI (O) | |  | | |  |
| DMI (I) | | Driver selects Start | | |  |
| JRU | | M\_DRIVERACTION=19  Message 132  Packet 0/1  NID\_LRBG≠16777215  Q\_DIRLRBG≠2  Q\_DLRBG≠2 | | |  |
| 2 | The RBC sends an SR authorization to run in SR mode. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 2  D\_SR | | |  |
| 3 | The driver acknowledges the SR mode. | DMI (O) | | SR Symbol | | |  |
| DMI (I) | | Driver acknowledges the entry in SR mode | | |  |
| JRU | | M\_DRIVERACTION=3  M\_MODE=2 | | |  |
| 4 | The EVC sends to the RBC a position report with the mode change. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 136  Packet 0  M\_MODE=2 | | |  |
| Final state | | Level | | 2 | | |  |
| Mode | | SR | | |  |
| Train Speed (km/h) | | 0 | | |  |
| Other parameters | |  | | |  |
| Final Test Result | |  | | | | | |
| Field of Application | | Spain | | | | | |
| Briefing instructions | |  | | | | | |