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| *TEST CASE DESCRIPTION* | | | | | | |
|  | | Code | Version | | Title | |
| Test Case | | Thales-3 | 1 | | Assignment of Coordinate system after sleeping mode and change of orientation passing last BG in the opposite direction as linking information | |
|
| Baseline applicable | | Baseline 2 (2.3.0.d) | | | | |
| Test case author | | Thales | | | | |
| Test Objective(s) | | Verify the assignment of the coordinate system by the RBC when the EVC is not able to evaluate the orientation of a balise group composed by only one balise and does not have linking information onboard after running in Sleeping mode | | | | |
| Diagram | |  | | | | |
| Starting conditions | | Level | | 2 | | |
| Mode | | SL | | |
| Train Speed (km/h) | | NR | | |
| Additional starting conditions | | The train has two cabs and one runs in Sleeping mode, passing a single balise group BG1. Linking information is not available onboard. | | |
| Sequence of the Test Case | | Checkpoints | | | | |
| Step | Step description | Interfaces | Description of what to be tested at the interface | | | OK? |
| 1 | The train reads BG1 composed by one balise in Sleeping mode in the opposite direction as linking information. As there is no connection with the RBC, there is no assignment of coordinate system. | DMI (O) |  | | |  |
| DMI (I) |  | | |  |
| JRU | M\_MODE=5 | | |  |
| 2 | The driver performs a change of orientation in a trusted area and a new Start of Mission. The onboard equipment sends a position report that includes also the previously read BG0. | DMI (O) | Connection establishment symbol | | |  |
| DMI (I) |  | | |  |
| JRU | Message 157  Packet 1  NID\_LRBG=BG1 (single)  NID\_PRVLRBG=BG0  Q\_DLRBG=1  Q\_DIRLRBG=0 | | |  |
| 3 | The RBC assigns a coordinate system to the train | DMI (O) |  | | |  |
| DMI (I) |  | | |  |
| JRU | Message 136  Packet 1  NID\_LRBG=BG1 (single)  NID\_PRVLRBG=BG0  Q\_DLRBG=1  Q\_DIRLRBG=0  Message 45  Q\_ORIENTATION=0 | | |  |
| 4 | The EVC sends a position report with Q\_DIRLRBG and Q\_DLRBG known and according to the orientation received in the assignment of coordinate system message. | DMI (O) |  | | |  |
| DMI (I) |  | | |  |
| JRU | Message 136  Packet 0  NID\_LRBG=BG1  Q\_DIRLRBG =1  Q\_DLRBG=0  Q\_DIRTRAIN=1/2 | | |  |
| 5 | The driver presses start | DMI (O) |  | | |  |
| DMI (I) | The driver selects Start | | |  |
| JRU | M\_DRIVERACTIONS = 19  Message 132  Packet 0  NID\_LRBG=BG1  Q\_DIRLRBG =1  Q\_DLRBG=0  Q\_DIRTRAIN=1/2 | | |  |
| 6 | The RBC sends a SR Authorisation. | 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 | | |  |
| Final state | | Level | 2 | | | |
| Mode | SR | | | |
| Train Speed (km/h) | NR | | | |
| Other parameters |  | | | |
| Final Test Result | |  | | | | |
| Field of Application | | Spain | | | | |
| Briefing instructions | |  | | | | |