|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | Title | | |
| Test Case | | 3.28.1 | 1 | | Assignment of Coordinate system. | | |
|
| Baseline applicable | | Baseline 3 | | | | | |
| Test case author | | ADIF | | | | | |
| 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. | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | | 2 | |
| Mode | | | | SR | |
| Train Speed (km/h) | | | | 0 | |
| Additional starting conditions | | | | The train starts to run after the SoM. Train runs over BG0. 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 | Train reads BG1 composed by one balise. The onboard equipment sends a position report that includes also the previously read BG0. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 136  Packet 1 | | |  |
| NID\_LRBG=BG1  NID\_PRVLRBG=BG0 | | |
| 2 | Reception from RBC of an assignment of coordinate system message. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 45  Q\_ORIENTATION=0/1 | | |  |
| NID\_LRBG=BG1 | | |
| 3 | The EVC sends a position report with Q\_DIRLRBG known and according to the orientation received in the assignment of coordinate system message. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 136  Packet 0 | | |  |
| Q\_DIRLRBG =0/1 | | |
| Final state | | Level | | 2 | | |  |
| Mode | | NR | | |  |
| Train Speed (km/h) | | > 0 | | |  |
| Other parameters | |  | | |  |
| Final Test Result | |  | | | | | |
| Field of Application | | Spain | | | | | |
| Briefing instructions | |  | | | | | |