|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | | Title | |
| Test Case | | 3.34.3 | 1 | | | Conditional emergency stop | |
|
| Baseline applicable | | Baseline 3 | | | | | |
| Test case author | | ADIF | | | | | |
| Test Objective(s) | | Verify that the train rejects the conditional emergency stop that the RBC sends when the train occupies the next track section. | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | 2 | | |
| Mode | | | SR | | |
| Train Speed (km/h) | | | NR | | |
| Additional starting conditions | | | The driver has performed the start of mission at the stabling.  There is communication session established between the EVC and the RBC.  The train starts moving and runs towards the light signal which is in proceed aspect. | | |
| Sequence of the Test Case | | Checkpoints | | | | | |
| Step | Step description | Interfaces | | Description of what to be tested at the interface | | | OK? |
| 1 | The train approaches the signal and sends a position report to the RBC inside the ATAF area or the distance guaranteed as free (50 meters in rear of the light signal). | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | M\_MODE=3  M\_LEVEL=3  Message 136  Packet 0  M\_MODE=0  NID\_LRBG≠16777215  Q\_DIRLRBG≠2  Q\_DLRBG≠2 | | |  |
| 2 | The RBC sends a MA . | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 3/33/37 (LRBG1)  Packet 15  Packet 21  Packet 27 | | |  |
| 3 | The RBC sends a conditional emergency stop (CES) to the light signal, as an occupancy protection of the first track section after the signal. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 15  NID\_EM = EM1  D\_EMERGENCYSTOP = D1 (light signal location) | | |  |
| 4 | The EVC verifies that the min safe front end of the train has already passed the proposed CES stop location. The EVC rejects the CES. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 147  NID\_EM = EM1  Q\_EMERGENCYSTOP = 1  Packet 0  D\_LRBG - L\_DOUBTOVER > D1 | | |  |
| Final state | | Level | | 2 | | |  |
| Mode | | FS | | |  |
| Train Speed (km/h) | | NR | | |  |
| Other parameters | |  | | |  |
| Final Test Result | |  | | | | | |
| Field of Application | | Spain | | | | | |
| Briefing instructions | | This test case shall be performed at different speeds. | | | | | |