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| --- | --- | --- | --- | --- | --- | --- | --- |
| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | Title | | |
| Test Case | | 3.31.1 | 1 | | One balise from a balise group included in the linking information is missed. Linking error. FS mode. | | |
|
| Baseline applicable | | Baseline 3 | | | | | |
| Test case author | | ADIF | | | | | |
| Test Objective(s) | | Verify that the reaction of the system is correct after missing a balise belonging to a BG that was included in the linking information. | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | | 2 | |
| Mode | | | | FS | |
| Train Speed (km/h) | | | | NR | |
| Additional starting conditions | | | | The balise that is missed belongs to a balise group included in the linking information received from the RBC and it is marked as linked (Q\_LINK=1) and with linking reaction “apply service brake” (Q\_LINKREACTION=1). | |
| Sequence of the Test Case | | Checkpoints | | | | | |
| Step | Step description | Interfaces | | Description of what to be tested at the interface | | | OK? |
| 1 | Loss of one of the balises included in the BG contained in the linking information. | DMI (O) | | Service Brake Symbol  Linking error Message | | |  |
| DMI (I) | |  | | |  |
| JRU | | BALISE GROUP ERROR  M\_ERROR=1 | | |  |
| SERVICE BRAKE COMMAND STATE = COMMANDED  DMI\_SYMB\_STATUS  ST01  SYSTEM\_STATUS\_MESSAGE  Balise read error | | |
| 2 | The EVC sends to the RBC an error message. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 136  Packet 4 | | |  |
| M\_ERROR = 1 | | |
| 3 (\*) | Once the train is at standstill, the service brake is released, the MA and the track description are shortened to the current position of the train. | DMI (O) | | Vtrain = 0  Service Brake Symbol disappears  MA shortening | | |  |
| DMI (I) | |  | | |  |
| JRU | | V\_TRAIN=0  V\_PERM=0  D\_TARGET=0  SERVICE BRAKE COMMAND STATE = NOT COMMANDED | | |  |
| 4 | EVC sends a MA request to RBC in order to inform that track description is deleted. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 132  Q\_TRACKDEL=1 | | |  |
| Final state | | Level | | 2 | | |  |
| Mode | | FS | | |  |
| Train Speed (km/h) | | NR | | |  |
| Other parameters | |  | | |  |
| Final Test Result | |  | | | | | |
| Field of Application | | Spain | | | | | |
| Briefing instructions | | (\*) In trains with the national function 124 implemented, the service brake will be released upon receipt of a new MA from the RBC. | | | | | |