|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | Title | | |
| Test Case | | 3.31.4 | 1 | | Expiration of T\_NVCONTACT with successful attempt to set-up safe connection. | | |
|
| Baseline applicable | | Baseline 3 | | | | | |
| Test case author | | ADIF | | | | | |
| Test Objective(s) | | Verify that the EVC reacts according to M\_NVCONTACT when the maximum time since of last received message by the RBC has expired.  Once the reaction has been applied, a new message is received during the attempts to re-establish a safe radio connection and the EVC revokes the reaction. | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | | 2 | |
| Mode | | | | FS | |
| Train Speed (km/h) | | | | NR | |
| Additional starting conditions | | | | The radio communication session is established with the RBC. | |
| Sequence of the Test Case | | Checkpoints | | | | | |
| Step | Step description | Interfaces | | Description of what to be tested at the interface | | | OK? |
| 1 | The train receives the national values information of the track. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | (if received from RBC, it shall be sent in message 3/24/33)  Packet 3  T\_NVCONTACT=``a``  M\_NVCONTACT=1 | | |  |
| 2 | The timer "a" elapses since the last message received by the RBC. | DMI (O) | | Communication error message Service brake symbol | | |  |
| DMI (I) | |  | | |  |
| JRU | | BALISE GROUP ERROR  M\_ERROR=5 SERVICE BRAKE COMMAND STATE = COMMANDED  SYSTEM\_STATUS\_MESSAGE  Communication error  DMI\_SYMB\_STATUS  ST01 | | |  |
| 3 | The EVC attempts to set-up again a safe connection and receives a message from the RBC before reaching standstill. | DMI (O) | | Service brake symbol disappears Communication error message disappears | | |  |
| DMI (I) | |  | | |  |
| JRU | | Any message from RBC SERVICE BRAKE COMMAND STATE = NOT COMMANDED | | |  |
| 4 | The safe radio connection is established. | DMI (O) | | Safe radio connection “Connection Up” symbol | | |  |
| DMI (I) | |  | | |  |
| JRU | | DMI\_SYMB\_STATUS  ST03 | | |  |
| Final state | | Level | | 2 | | |  |
| Mode | | FS | | |  |
| Train Speed (km/h) | | NR |  |  |  |
| Other parameters | |  |  |  |  |
| Final Test Result | |  |  |  |  |  |  |
| Field of Application | | Spain | | | | | |
| Briefing instructions | | T\_NVCONTACT= 20 s  M\_NVCONTACT= service brake | | | | | |