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| --- | --- | --- | --- | --- | --- | --- | --- |
| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | Title | | |
| Test Case | | 3.12.4 | 1 | | Mode transition from SR to OS at the current location sent by trackside. The driver acknowledges the request of OS mode. | | |
|
| Baseline applicable | | Baseline 3 | | | | | |
| Test case author | | ADIF | | | | | |
| Test Objective(s) | | Verify that the EVC switches from SR mode to OS mode. | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | | 2 | |
| Mode | | | | SR | |
| Train Speed (km/h) | | | | < Vpermitted in OS | |
| 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 runs towards an open light signal for OS and receives from the RBC a Mode Profile for OS at a current location. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 3/33 (LRBG1)  Packet 15  Packet 80  D\_MAMODE= 0  M\_MAMODE=0  V\_MAMODE=Vos  Q\_MAMODE=1 | | |  |
| 2 | The EVC receives mode profile giving OS area when the train has reached at least with the max safe front end the beginning of the OS area.  The EVC switches to OS mode and shows the acknowledgment request to OS. | DMI (O) | | OS symbol OS mode transition acknowledgement  Vtrain <Vos | | |  |
| DMI (I) | |  | | |  |
| JRU | | M\_MODE=1 DMI\_SYMB\_STATUS  MO08, MO07 | | |  |
| 3 | The EVC reports to the RBC the train position. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 136  Packet 0/1  M\_MODE=1 | | |  |
| 4 | The driver acknowledges within 5 seconds after the change to OS mode. | DMI (O) | |  | | |  |
| DMI (I) | | Acknowledgement of OS mode | | |  |
| JRU | | M\_DRIVERACTIONS = 0 DMI\_SYMB\_STATUS  MO07 | | |  |
| Final state | | Level | | 2 | | |  |
| Mode | | OS | | | |
| Train Speed (km/h) | | NR | | | |
| Other parameters | |  | | | |
| Final Test Result | |  | | | | | |
| Field of Application | | Spain | | | | | |
| Briefing instructions | | The gradient and SSP information shall be available on-board when the EVC switches to OS mode, according to the clause 4.4.12.1.6 in Subset 026. | | | | | |