|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | Title | | |
| Test Case | | 3.12.5 | 1 | | Mode transition from FS to OS at a current location ordered 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 changes from FS to OS. | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | | 2 | |
| Mode | | | | FS | |
| Train Speed (km/h) | | | | < Vpermitted in OS | |
| Additional starting conditions | | | | The train is running in the proximity of a light signal which is open for OS and an on-sight route has been set.  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 | A mode profile giving an OS area is received from RBC.  The max safe front end of the train is at or in advance of the beginning of the OS area. | 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 switches to OS mode and shows the acknowledgment request to OS. | DMI (O) | | OS symbol OS mode transition acknowledgement  V\_TRAIN< 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 | Acknowledgement of OS mode within 5 sec 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 | |  | | | | | |