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| *TEST CASE DESCRIPTION* | | | | | | |
|  | | Code | Version | | Title | |
| Test Case | | 3.12.2 | 2 | | Mode transition from FS to OS at a further location. The driver acknowledges the request before reaching OS area. | |
|
| Baseline applicable | | Baseline 3 | | | | |
| Test case author | | ADIF | | | | |
| Test Objective(s) | | Verify that the EVC performs correctly the transition to OS mode and before performing this transition, the train runs a distance in FS mode. | | | | |
| Diagram | |  | | | | |
| Starting conditions | | Level | | 2 | | |
| Mode | | FS | | |
| Train Speed (km/h) | | NR | | |
| Additional starting conditions | | The radio communication session is established with the RBC.  The train is approaching to a signal showing OS aspect. | | |
| 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 further location. | DMI (O) |  | | |  |
| DMI (I) |  | | |  |
| JRU | Message 3/33 (LRBG1)  Packet 15  Packet 80  D\_MAMODE= D1  M\_MAMODE=0  V\_MAMODE=V1=Vos  L\_ACKMAMODE=L1  Q\_MAMODE=1 | | |  |
| 2 | The train is approaching to OS area and the EVC supervises the entry in OS area as an EoA. | DMI (O) | Braking curve to the entry point of OS area. | | |  |
| DMI (I) |  | | |  |
| JRU | SPEED AND DISTANCE MONITORING INFORMATION  V\_PERM decreases  V\_TARGET = 0  M\_SDMTYPE=1 | | |  |
| 3 | The train follows the braking curve until it reaches the acknowledgement area and the driver is requested to acknowledge the transition to OS mode. | DMI (O) | Vtrain < V1 OS mode transition acknowledgement | | |  |
| DMI (I) |  | | |  |
| JRU | V\_TRAIN < V\_MAMODE  L1 ≥ D1 - D\_LRBG1  DMI\_SYMB\_STATUS  MO08 | | |  |
| 4 | The driver acknowledges the transition to OS mode. The EVC switches to OS mode and sends a position report to the RBC. | DMI (O) | OS symbol | | |  |
| DMI (I) | Acknowledgement of OS mode | | |  |
| JRU | M\_MODE=1  M\_LEVEL=3  M\_DRIVERACTIONS = 0  Message 136  Packet 0/1  M\_MODE=1  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 | |  | | | | |