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| --- | --- | --- | --- | --- | --- | --- | --- |
| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | Title | | |
| Test Case | | 3.14.5 | 1 | | Mode transition from FS to SH at current location ordered by trackside. The driver acknowledges the request of SH mode. | | |
|
| Baseline applicable | | Baseline 3 | | | | | |
| Test case author | | ADIF | | | | | |
| Test Objective(s) | | Verify that the EVC switches from FS to SH ordered by trackside. | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | | 2 | |
| Mode | | | | FS | |
| Train Speed (km/h) | | | |  | |
| Additional starting conditions | | | | There is a radio communication session 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 RBC sends a message with a transition to SH mode order. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 3/33 (LRBG1)  Packet 15  Packet 21  Packet 27  Packet 80  M\_MAMODE = 1  D\_MAMODE ≤ D\_LRBG1 + L\_DOUBTUNDER  V\_MAMODE=Vsh  Q\_MAMODE=1 | | |  |
| 2 | The train has reached with his max safe front end the SH area when receives the message with packet 80.  A transition to SH mode at current location is performed and a SH acknowledgement is requested to the driver. | DMI (O) | | SH symbol  “Ack of SH” message  Vtrain<Vsh | | |  |
| DMI (I) | |  | | |  |
| JRU | | M\_MODE = 3  DMI\_SYMB\_STATUS  MO01, MO02 | | |  |
| 3 | The EVC reports the mode transition to the RBC. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 136  Packet 0/1  M\_MODE=3 | | |  |
| 4 | SH mode acknowledgement. | DMI (O) | |  | | |  |
| DMI (I) | | SH acknowledgement | | |  |
| JRU | | M\_DRIVERACTIONS = 1  DMI\_SYMB\_STATUS  MO01 | | |  |
| Final state | | Level | | 2 | | |  |
| Mode | | SH | | |  |
| Train Speed (km/h) | | <Vsh | | |  |
| Other parameters | |  | | |  |
| Final Test Result | |  | | | | | |
| Field of Application | | Spain | | | | | |
| Briefing instructions | |  | | | | | |