|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *TEST CASE DESCRIPTION* | | | | | | | | | |
|  | | | Code | Version | | | Title | | |
| Test Case | | | 1.5.4 | 2 | | | Mode transition from FS to SH at a further location. The driver acknowledges the request before reaching the SH area. | | |
|
| Baseline applicable | | | Baseline 3 | | | | | | |
| Test case author | | | ADIF | | | | | | |
| Test Objective(s) | | | Verify that the EVC switches from FS mode to SH mode at a further location. | | | | | | |
| Diagram | | |  | | | | | | |
| Starting conditions | | | Level | | | | | 1 | |
| Mode | | | | | FS | |
| Train Speed (km/h) | | | | | NR | |
| Additional starting conditions | | | | | Train running in FS located in rear of the BG associated to a main signal that shows SH aspect | |
| Sequence of the Test Case | | | Checkpoints | | | | | | |
| Step | Step description | | Interfaces | | | Description of what to be tested at the interface | | | OK? |
| 1 | The train reads the main signal BG. | | DMI (O) | | | FS mode symbol | | |  |
| DMI (I) | | |  | | |  |
| JRU | | | M\_MODE=0  (LRBG1)  Packet 12  Packet 80  D\_MAMODE= D1  M\_MAMODE=1  V\_MAMODE= Vsh  L\_ACKMAMODE= L1  Q\_MAMODE=1  DMI\_SYMB\_STATUS  MO11 | | |  |
| 2 | The EVC supervises the beginning of the SH area as an EoA. | | DMI (O) | | | Braking curve to the beginning of the SH area  Vtarget=0  Vpermitted and Dtarget decrease | | |  |
| DMI (I) | | |  | | |  |
| JRU | | | SPEED AND DISTANCE MONITORING INFORMATION  V\_PERM decreases  V\_TARGET = 0  M\_SDMTYPE=1 | | |  |
| 3 | The train is inside the acknowledgement window running at a speed lower than the permitted speed in SH mode. | DMI (O) | | | Vtrain<Vsh  “Ack of SH” message | | | |  |
| DMI (I) | | |  | | | |  |
| JRU | | | V\_TRAIN<V\_MAMODE  L1≥D1-D\_LRBG1  DMI\_SYMB\_STATUS  MO02 | | | |  |
| 4 | The driver acknowledges the SH request. | DMI (O) | | | SH mode acknowledgement disappears | | | |  |
| DMI (I) | | | Driver acknowledges SH mode | | | |  |
| JRU | | | M\_DRIVERACTIONS =1 | | | |  |
| 5 | The EVC switches to SH mode. | DMI (O) | | | SH mode symbol | | | |  |
| DMI (I) | | |  | | | |  |
| JRU | | | M\_MODE=3  DMI\_SYMB\_STATUS  MO01 | | | |  |
| Final state | | | Level | | | 1 | | |  |
| Mode | | | SH | | | |
| Train Speed (km/h) | | | NR | | | |
| Other parameters | | |  | | | |
| Final Test Result | | |  | | | | | | |
| Field of Application | | | Spain | | | | | | |
| Briefing instructions | | |  | | | | | | |