|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | Title | | |
| Test Case | | 1.5.5 | 1 | | Mode transition from SH to TR. SPAD at a closed light signal | | |
|
| Baseline applicable | | Baseline 3 | | | | | |
| Test case author | | ADIF | | | | | |
| Test Objective(s) | | Verify that when the train overpasses a closed signal, the EVC switches from SH mode to TR mode. | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | | 1 | |
| Mode | | | | SH | |
| Train Speed (km/h) | | | | NR | |
| Additional starting conditions | | | | The train is approaching a closed light signal. | |
| 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 BG associated to a closed light signal. | DMI (O) | | SH mode symbol | | |  |
| DMI (I) | |  | | |  |
| JRU | | M\_MODE=3  Packet 132  Q\_ASPECT=0  DMI\_SYMB\_STATUS  MO01 | | |  |
| 2 | The EVC switches to TR mode and brakes are commanded until the train is at standstill. | DMI (O) | | TR symbol  Emergency brake symbol  “SH stop order” message | | |  |
| DMI (I) | |  | | |  |
| JRU | | M\_MODE=7  EMERGENCY BRAKE COMMAND STATE = COMMANDED  DMI\_SYMB\_STATUS  MO04, ST01  SYSTEM\_STATUS\_MESSAGE  SH stop order | | |  |
| 3 | The train is at standstill. | DMI (O) | | Vtrain=0  Acknowledgement of TR mode | | |  |
| DMI (I) | |  | | |  |
| JRU | | V\_TRAIN=0  DMI\_SYMB\_STATUS  MO05 | | |  |
| Final state | | Level | | 1 | | |  |
| Mode | | TR | | |  |
| Train Speed (km/h) | | 0 | | |  |
| Other parameters | | Emergency brake commanded | | |  |
| Final Test Result | |  | | | | | |
| Field of Application | | Spain | | | | | |
| Briefing instructions | |  | | | | | |