|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | Title | | |
| Test Case | | 3.15.3 | 1 | | Movement protection in SR mode | | |
|
| Baseline applicable | | Baseline 2 (2.3.0.d) | | | | | |
| Test case author | | ADIF | | | | | |
| Test Objective(s) | | Verify that the train switches from SR mode to TR mode upon receiving the “Stop if in SR” information | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | | 2 | |
| Mode | | | | SR | |
| Train Speed (km/h) | | | | NR | |
| Additional starting conditions | | | | The train is located in rear of a light signal showing stop 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 balise group associated to the signal. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Packet 137  Q\_SRSTOP=0 | | |  |
| 2 | The EVC switches to TR mode and brakes are commanded. | DMI (O) | | TR symbol  Emergency brake symbol | | |  |
| DMI (I) | |  | | |  |
| JRU | | M\_MODE=7  EMERGENCY BRAKE STATE=APPLICATION | | |  |
| 3 | The EVC sends a position report when the mode changes. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 136  Packet 0/1  M\_MODE=7 | | |  |
| Final state | | Level | | 2 | | |  |
| Mode | | TR | | |  |
| Train Speed (km/h) | | NR | | |  |
| Other parameters | | Emergency brake commanded | | |  |
| Final Test Result | |  | | | | | |
| Field of Application | | Spain | | | | | |
| Briefing instructions | |  | | | | | |