|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | | Title | |
| Test Case | | 3.13.1 | 1 | | | Mode transition from OS to FS at a main light signal. | |
|
| Baseline applicable | | Baseline 2 (2.3.0.d) | | | | | |
| Test case author | | ADIF | | | | | |
| Test Objective(s) | | Verify the change from OS to FS at a main light signal. | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | 2 | | |
| Mode | | | OS | | |
| Train Speed (km/h) | | | Vmax permitted (≤\_NVONSIGHT) | | |
| Additional starting conditions | | | The radio communication session with the RBC is established. The exit light signal is displaying a proceed aspect. | | |
| Sequence of the Test Case | | Checkpoints | | | | | |
| Step | Step description | Interfaces | | Description of what to be tested at the interface | | | OK? |
| 1 | The train is running inside an OS area and approaching to a light signal in proceed aspect.  The EoA is located at the exit light signal. | DMI (O) | | Permitted speed decreases | | |  |
| DMI (I) | |  | | |  |
| JRU | | Vpermitted decreases | | |  |
| 2 | The EVC sends a position report indicating that its “min safe front end” is inside the ATAF area (or distance guaranteed as free area). | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 136  Packet 0  NID\_LRBG≠16777215  Q\_DIRLRBG≠2  Q\_DLRBG≠2 | | |  |
| 3 | The RBC sends a Movement authority and the EVC switches from OS to FS mode. | DMI (O) | | FS symbol | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 3  Packet 15  Packet 21  Packet 27 | | |  |
| 4 | The EVC reports to the RBC the train position when the mode transition is performed. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 136  Packet 0  M\_MODE=0 | | |  |
| Final state | | Level | | 2 | | |  |
| Mode | | FS | | | |
| Train Speed (km/h) | | NR | | | |
| Other parameters | |  | | | |
| Final Test Result | |  | | | | | |
| Field of Application | | Spain | | | | | |
| Briefing instructions | | In the step 3, the RBC could send a packet 80 with OS mode profile until the end of the OS area (i.e. up to the light signal). | | | | | |