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| --- | --- | --- | --- | --- | --- | --- |
| *TEST CASE DESCRIPTION* | | | | | | |
|  | | Code | Version | Title | | |
| Test Case | | 3.5.2 | 2 | Verification of track condition: opening and closing the main power switch. | | |
|
| Baseline applicable | | Baseline 2 (2.3.0.d) | | | | |
| Test case author | | ADIF | | | | |
| Test Objective(s) | | Verify the management of the neutral sections on opening and closing the main power switch. | | | | |
| Diagram | |  | | | | |
| Starting conditions | | Level | | | 2 | |
| Mode | | | FS | |
| Train Speed (km/h) | | | Maximum permitted speed | |
| Additional starting conditions | | |  | |
| Sequence of the Test Case | | Checkpoints | | | | |
| Step | Step description | Interfaces | Description of what to be tested at the interface | | | OK? |
| 1 | The train receives information about the track condition "powerless section with main power switch to be switched off" (Neutral section). | DMI (O) | Neutral section symbol in the planning information area\* | | |  |
| DMI (I) |  | | |  |
| JRU | Message 3/24/33  Packet 68  M\_TRACKCOND = 9 | | |  |
| 2 | When the train reaches the markerboard of the start location of the Neutral Section, the symbol of the neutral section is displayed in the area C of the DMI, the main power switch is switched off and the traction power is cut off. | DMI (O) | Neutral section symbol | | |  |
| DMI (I) |  | | |  |
| JRU |  | | |  |
| 3 | When the train reaches the markerboard of the end location of the Neutral Section, the main power switch is switched on automatically. | DMI (O) | Stop displaying NS icon | | |  |
| DMI (I) |  | | |  |
| JRU |  | | |  |
| Final state | | Level | 2 | | |  |
| Mode | FS | | |  |
| Train Speed (km/h) | NR | | | |
| Other parameters |  |  |  |  |
| Final Test Result | |  | | | | |
| Field of Application | | Spain | | | | |
| Briefing instructions | | The traction cut-off and the automatic switching off/on of the main power switch shall be checked in the desk.  \*It is not mandatory to display this information on the planning information area. | | | | |