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| *TEST CASE DESCRIPTION* | | | | | | |
|  | | Code | Version | | Title | |
| Test Case | | 1.2.1 | 1 | | Release speed supervision. The release speed is a fixed value given by trackside. Normal conditions. Without isolated bogies. | |
|
| Baseline applicable | | Baseline 3 | | | | |
| Test case author | | ADIF | | | | |
| Test Objective(s) | | Verify that the release speed (given as a fixed value by the trackside) is managed correctly. | | | | |
| Diagram | |  | | | | |
| Starting conditions | | Level | | 1 | | |
| Mode | | FS | | |
| Train Speed (km/h) | | NR | | |
| Additional starting conditions | | The train is running in the proximity of a light signal with stop aspect at a speed close to the release speed (fixed by trackside). The distance to the DP is the most restrictive of the line. | | |
| Sequence of the Test Case | | Checkpoints | | | | |
| Step | Step description | Interfaces | Description of what to be tested at the interface | | | OK? |
| 1 | Braking curve due to light signal with stop aspect. | DMI (O) | FS symbol  Braking curve  Vtarget = 0  Dtarged and Vpermitted decrease | | |  |
| DMI (I) |  | | |  |
| JRU | M\_MODE = 0  V\_PERM decreases  DMI\_SYMB\_STATUS  MO11 | | |  |
| 2 | Infill BG related to light signal with stop aspect is read. | DMI (O) |  | | |  |
| DMI (I) |  | | |  |
| JRU | Packet 136  Packet 12  V\_MAIN = 0  L\_ENDSECTION=L1  Q\_DANGERPOINT=1  V\_RELEASEDP ≠ 126 o 127  D\_DP | | |  |
| 3 | The train enters in the release speed monitoring area. | DMI (O) | Dtarget Vpermitted = Vrelease Vtrain ≤ Vrelease | | |  |
| DMI (I) |  | | |  |
| JRU | V\_RELEASE = V\_RELEASEDP | | |  |
| 4 | BG related to the light signal is read. The light signal aspect changes from stop to permissive aspect before reading the BG. | DMI (O) | The MA is enlarged  V\_Permitted changed | | |  |
| DMI (I) |  | | |  |
| JRU | Packet 12  V\_MAIN ≠ 0  L\_ENDSECTION=L2 > L1 | | |  |
| Final state | | Level | 1 | | |  |
| Mode | FS | | |  |
| Train Speed (km/h) | NR | | |  |
| Other parameters |  | | |  |
| Final Test Result | |  | | | | |
| Field of Application | | Spain | | | | |
| Briefing instructions | | Before step 4, the signalman has to be notified to change the signal aspect from stop to permissive. | | | | |