|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *TEST CASE DESCRIPTION* | | | | | | | |
|  | | Code | Version | | Title | | |
| Test Case | | 3.3.1 | 2 | | MA update in FS mode. New EoA at a light signal | | |
|
| Baseline applicable | | Baseline 3 | | | | | |
| Test case author | | ADIF | | | | | |
| Test Objective(s) | | Verify that the EoA is updated when the train receives a shortened MA (with new EoA at a light signal) followed by an extension of the MA. | | | | | |
| Diagram | |  | | | | | |
| Starting conditions | | Level | | | | 2 | |
| Mode | | | | FS | |
| Train Speed (km/h) | | | | 0 | |
| Additional starting conditions | | | | The train is stopped in rear of a light signal with proceed aspect, with track conditions information beyond the light signal. | |
| Sequence of the Test Case | | Checkpoints | | | | | |
| Step | Step description | Interfaces | | Description of what to be tested at the interface | | | OK? |
| 1 | It is requested to the signalman to close the light signal inside the received MA.  The RBC sends a conditional emergency stop (CES) to the light signal. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 15  NID\_EM = EM1  D\_EMERGENCYSTOP = D1 < previous MA length | | |  |
|  | | |
| 2 | The EVC checks that the min safe front end of the train has not passed the proposed CES stop location yet and that the proposed CES stop location is not beyond the current EoA/SvL  The EVC accepts the CES (i.e. defines a new EoA/SvL) and informs the RBC. | DMI (O) | | D\_target is shortened to the light signal  Vpermitted decreases | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 147  NID\_EM = EM1  Q\_EMERGENCYSTOP = 0  Packet 0/1  D\_LRBG - L\_DOUBTOVER < D1  SPEED AND DISTANCE MONITORING INFORMATION  V\_TARGET=0  D\_TARGET=D1-D\_LRBG1-\_DOUBTUNDER  M\_SDMTYPE=1 | | |  |
| 3 | The RBC revokes the CES. | DMI (O) | |  | | |  |
| DMI (I) | |  | | |  |
| JRU | | Message 18  NID\_EM = EM1 | | |  |
| 4 | It is requested to the signalman to open the light signal.  The RBC sends an extension of the movement authority. | DMI (O) | | Dtarget is extended | | |  |
| Vpermitted increases | | |
| DMI (I) | |  | | |  |
| JRU | | Message 3/33  Packet 15  L\_ENDSECTION= L1> D1 | | |  |
| D\_TARGET=D2>D1  Message 3/24/33  Packet 68 | | |
| Final state | | Level | | 2 | | |  |
| Mode | | FS | | |  |
| Train Speed (km/h) | | NR | | |  |
| Other parameters | |  | | |  |
| Final Test Result | |  | | | | | |
| Field of Application | | Spain | | | | | |
| Briefing instructions | | The MA shortening could be performed by means of a shorter MA message (message 3) or by a co-operative shortening of MA (message 9) | | | | | |