



ERTMS/ETCS

FFFIS STM Test cases of Functional identity 007

DMI FUNCTION: SUPERVISION INFORMATION

Total: 9 Test cases

REF: SUBSET-074-2-7-f

ISSUE: 3.1.0

DATE: 2015-12-16

Company	Technical Approval	Management approval
ALSTOM		
ANSALDO		
AZD		
BOMBARDIER		
CAF		
SIEMENS		
THALES		



Modification History

Issue Number Date	Section Number	Modification / Description	Author
2.9.1 2013-01-30	All	Created in line with Subset 35 issue 3.0.0 date 2010-02-29, SRS issue 3.3.0 date 2012-03-07 and ETCS DMI specification issue 3.3.0 date 2012-03-01	Bombardier Astrid Geck
2.9.2 2013-08-30	All	Updated according to comments from 2nd internal review and from ERA traceability review	Bombardier Astrid Geck
2.9.3 2013-10-31	All	Updated according to CR 1158 (considering impact from CR 1173)	Bombardier Astrid Geck
2.9.4 2014-02-28	No change	No change to this part of the Subset	Thomas Mandry (Alstom)
2.9.5 2014-04-24	Front page	Baseline 3 1 st Maintenance pre-release version	Thomas Mandry (Alstom)
3.0.0 2014-05-09	-	Baseline 3 1 st Maintenance release version	Philippe Prieels
3.0.1 2015-08-17	No change to this part of the Subset	CR 1278: impact from CRs 1094 & 1242 and from STMWP review	Thomas Mandry (Alstom)
3.0.2 2015-10-19	No change to this part of the Subset	CR 1278: Updated according to SUBSET-074v301ERAreview	Thomas Mandry (Alstom)
3.1.0 2015-12-16	-	Baseline 3 2 nd release version	Thomas Mandry (Alstom)



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2.6 Supervision Information

2.6.1 Test Case 7f.1

TEST CASE HEADER	
Test case identification	DMI Function
	7f1.0.1
	Test of speed and distance supervision display for customisable DMI configured for no display in configurations 7a.2 and 7a.8: No tests with the STM sending packet STM-43 are specified for these configurations. Hiding the display of the ETCS speed dial is tested in test cases 7i.n
ERTMS/ETCS on-board requirements tested	
	ERA ERTMS 015560 (DMI Spec) 9.3.7.1
STM requirements tested	
Packets transmitted via FFFIS STM	
ERTMS/ETCS on-board configuration	Customisable DMI service with configurations 7a.2 and 7a.8
Comments and constraints	

2.6.2 Test Case 7f.2

TEST CASE HEADER	
Test case identification	DMI Function
	7f1.0.2.1.X.0.0.((7f2.0.1.(7f3.0.1.1.1.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))* . ((7f2.0.1.(7f3.0.2.2.3.0.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))* . ((7f2.0.1.(7f3.0.2.2.3.2.3.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))* . ((7f2.0.1.(7f3.0.2.2.1.0.0).0.(7f4.0.1.2.4.3.3.0).1.1.0))* .



	<p>((7f2.0.1.(7f3.0.2.2.3.2.3.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))* ((7f2.0.1.(7f3.0.2.2.3.2.3.0).0.(7f4.0.1.2.1.3.4.0).1.2.0))*.</p> <p>((7f2.0.1.(7f3.0.1.1.1.0).0.(7f4.0.1.3.1.2.4.0).3.1.0))* ((7f2.0.1.(7f3.0.3.3.3.0.0).0.(7f4.0.2.3.1.2.4.0).3.1.0))*.</p> <p>((7f2.0.1.(7f3.0.3.3.3.3.0).0.(7f4.0.2.3.1.2.4.0).4.1.0))* ((7f2.0.1.(7f3.0.3.3.1.0.0).0.(7f4.0.2.3.4.2.3.0).3.1.0))*.</p> <p>((7f2.0.1.(7f3.0.3.3.3.3.0).0.(7f4.0.2.3.1.2.4.0).4.1.0))* ((7f2.0.1.(7f3.0.3.3.3.3.0).0.(7f4.0.2.3.1.2.4.0).5.2.0))*.</p> <p>((7f2.0.1.(7f3.0.1.1.1.0).0.(7f4.0.1.4.1.3.4.0).3.1.0))* ((7f2.0.1.(7f3.0.4.4.3.0.0).0.(7f4.0.2.4.1.3.4.0).3.1.0))*.</p> <p>((7f2.0.1.(7f3.0.4.4.3.4.3.0).0.(7f4.0.2.4.1.3.4.0).4.1.0))* ((7f2.0.1.(7f3.0.4.4.1.0.0).0.(7f4.0.2.4.4.3.3.0).3.1.0))*.</p> <p>((7f2.0.1.(7f3.0.4.4.3.4.3.0).0.(7f4.0.2.4.1.3.4.0).4.1.0))* ((7f2.0.1.(7f3.0.4.4.3.4.3.0).0.(7f4.0.2.4.1.3.4.0).5.2.0))*.</p> <p>X=1,2,3 or 4 depending on configured ETCS speed dial range.</p> <p>Test for display of speed and distance supervision information with STM speed dial range configured as 140km/h:</p> <p>Supervision info is shown in all possible display modes with increasing and decreasing speeds values to demonstrate correct display in circular speed gauge for STM speed dial range.</p>
ERTMS/ETCS on-board requirements tested	SUBSET-035 13.4.6.4
	ERA ERTMS 015560 (DMI Spec) 9.3.7.1, 9.3.7.1.1, 9.3.7.1.2, 9.3.7.1.3, 9.3.7.1.4, 9.3.7.1.5 a),b),c), 9.3.7.1.6, 9.3.7.1.7, 9.3.7.1.8, 9.3.7.1.8 a)-j), 9.3.7.1.9, 9.5.2.4
STM requirements tested	
Packets transmitted via FFFIS STM	STM-15, STM-43
ERTMS/ETCS on-board configuration	Customisable DMI with configuration 7a.3 and 7a.5 (one configuration shall be chosen)
Comments and constraints	

Starting Conditions	Value	Comments
STM State	DA	
ETCS Mode	SN	



ETCS Level	NTC	
Train State	standstill	ready to start moving
ETCS Train Data	not relevant	
Active DMI channel Connection	Established	
Other DMI channels Connections	not relevant	
TIU Connection	not relevant	
BIU Connection	not relevant	
JD Connection	not relevant	
TIU Regenerative Brake Command	not relevant	
TIU Magnetic Shoes Brake Command	not relevant	
TIU Eddy Current Brake Command for Emergency Brake	not relevant	
TIU Eddy Current Brake Command for Service Brake	not relevant	
TIU Pantograph Command	not relevant	
TIU Air Tightness Command	not relevant	
TIU Main Switch / Circuit Breaker Command	not relevant	
TIU Traction Cut Off Command	not relevant	
TIU Traction Status	On	
TIU Direction Controller Position Status	not relevant	
TIU Cab Status	Cab A or B active	For the test it is not relevant, what cab is active
BIU Emergency Brake Command	Release	
BIU Service Brake Command	Release	
BIU Emergency Brake Status	not relevant	



BIU Service Brake Status	not relevant	
NTC isolation status	Not isolated for active STM. Not relevant for other STMs	

ERTMS/ETCS on-board Test Case

Step	Description/Comments	Input I/F	Input time	Input Action	Output I/F	Output time limit	Output action
	Train is accelerating continuously in the following steps. Permitted speed increases in steps (CSM scenario)						
1	STM updates supervision info (set 1)	PROF	T0	connection of active DMI channel: Message-S1	DMI		supervision info display is shown with Permitted speed = 14km/h with hook only Intervention speed = 24km/h with wide bar width
2	speed has reached 9km/h	ODO	T0+9s		DMI		changing speed is correctly displayed in speed dial range
3	STM updates supervision info (set 2)	PROF	T0+9s	connection of active DMI channel: Message-S2	DMI		supervision info display is shown with Permitted speed = 42km/h with hook only Intervention speed = 52km/h with wide bar width
4	speed has reached 37km/h	ODO	T0+37s		DMI		changing speed is correctly displayed in speed dial range



5	STM updates supervision info (set 3)	PROF	T0+37s	connection of active DMI channel: Message-S3	DMI		supervision info display is shown with Permitted speed = 70km/h with hook only Intervention speed = 80km/h with wide bar width
6	speed has reached 65km/h	ODO	T0+65s		DMI		changing speed is correctly displayed in speed dial range
7	STM updates supervision info (set 4)	PROF	T0+65s	connection of active DMI channel: Message-S4	DMI		supervision info display is shown with Permitted speed = 98km/h with hook only Intervention speed = 108km/h with wide bar width
8	speed has reached 93km/h	ODO	T0+93s		DMI		changing speed is correctly displayed in speed dial range
9	STM updates supervision info (set 5)	PROF	T0+93s	connection of active DMI channel: Message-S5	DMI		supervision info display is shown with Permitted speed = 126km/h with hook only Intervention speed = 136km/h with wide bar width
10	speed has reached 121km/h	ODO	T0+121s		DMI		changing speed is correctly displayed in speed dial range



	Train is decelerating continuously in the following steps. Permitted speed and target speed decrease in steps (TSM scenario)						
11	STM updates supervision info (set 6-1)	PROF	T0+121s	connection of active DMI channel: Message-S6 with target distance = 1000m	DMI		supervision info display is shown with Permitted speed = 126km/h with hook only Target speed = 110km/h with hook only Intervention speed = 136km/h with wide bar width Target distance = 1000m with digital only
12	speed has reached 116km/h	ODO	T0+126s		DMI		changing speed is correctly displayed in speed dial range
13	STM updates supervision info (set 6-2)	PROF	T0+126s	connection of active DMI channel: Message-S6 with target distance = 836m	DMI		supervision info display is updated with target distance = 836m
14	speed has reached 112km/h	ODO	T0+131s		DMI		changing speed is correctly displayed in speed dial range
15	STM updates supervision info (set 6-3)	PROF	T0+131s	connection of active DMI channel: Message-S6 with target distance = 678m	DMI		supervision info display is updated with target distance = 678m
16	speed has reached 107km/h	ODO	T0+136s		DMI		changing speed is correctly displayed in speed dial range
17	STM updates supervision info (set 6-4)	PROF	T0+136s	connection of active DMI	DMI		supervision info display is



				channel: Message-S6 with target distance = 527m			updated with target distance = 527m
18	speed has reached 102km/h	ODO	T0+141s		DMI		changing speed is correctly displayed in speed dial range
19	STM updates supervision info (set 6-5)	PROF	T0+141s	connection of active DMI channel: Message-S6 with target distance = 382m	DMI		supervision info display is updated with target distance = 382m
20	speed has reached 98km/h	ODO	T0+146s		DMI		changing speed is correctly displayed in speed dial range
21	STM updates supervision info (set 6-6)	PROF	T0+146s	connection of active DMI channel: Message-S6 with target distance = 244m	DMI		supervision info display is updated with target distance = 244m
22	speed has reached 93km/h	ODO	T0+151s		DMI		changing speed is correctly displayed in speed dial range
23	STM updates supervision info (set 7-1)	PROF	T0+151s	connection of active DMI channel: Message-S7 with target distance = 800m	DMI		supervision info display is shown with Permitted speed = 98km/h with hook only Target speed = 85km/h with hook only Intervention speed = 108km/h with wide bar width Target distance = 800m with digital only
24	speed has reached 88km/h	ODO	T0+156s		DMI		changing speed is correctly displayed in speed dial



							range
25	STM updates supervision info (set 7-2)	PROF	T0+156s	connection of active DMI channel: Message-S7 with target distance = 675m	DMI		supervision info display is updated with target distance = 675m
26	speed has reached 84km/h	ODO	T0+161s		DMI		changing speed is correctly displayed in speed dial range
27	STM updates supervision info (set 7-3)	PROF	T0+161s	connection of active DMI channel: Message-S7 with target distance = 556m	DMI		supervision info display is updated with target distance = 556m
28	speed has reached 79km/h	ODO	T0+166s		DMI		changing speed is correctly displayed in speed dial range
29	STM updates supervision info (set 7-4)	PROF	T0+166s	connection of active DMI channel: Message-S7 with target distance = 444m	DMI		supervision info display is updated with target distance = 444m
30	speed has reached 74km/h	ODO	T0+171s		DMI		changing speed is correctly displayed in speed dial range
31	STM updates supervision info (set 7-5)	PROF	T0+171s	connection of active DMI channel: Message-S7 with target distance = 338m	DMI		supervision info display is updated with target distance = 338m
32	speed has reached 70km/h	ODO	T0+176s		DMI		changing speed is correctly displayed in speed dial range
33	STM updates supervision info (set 7-6)	PROF	T0+176s	connection of active DMI channel: Message-S7 with target distance = 238m	DMI		supervision info display is updated with target distance = 238m
34	speed has reached 65km/h	ODO	T0+181s		DMI		changing speed is correctly displayed in speed dial

							range
35	STM updates supervision info (set 8-1)	PROF	T0+181s	connection of active DMI channel: Message-S8 with target distance = 600m	DMI		supervision info display is shown with Permitted speed = 70km/h with hook only Target speed = 55km/h with hook only Intervention speed = 80km/h with wide bar width Target distance = 600m with digital only
36	speed has reached 60km/h	ODO	T0+186s		DMI		changing speed is correctly displayed in speed dial range
37	STM updates supervision info (set 8-2)	PROF	T0+186s	connection of active DMI channel: Message-S8 with target distance = 513m	DMI		supervision info display is updated with target distance = 513m
38	speed has reached 56km/h	ODO	T0+191s		DMI		changing speed is correctly displayed in speed dial range
39	STM updates supervision info (set 8-3)	PROF	T0+191s	connection of active DMI channel: Message-S8 with target distance = 433m	DMI		supervision info display is updated with target distance = 433m
40	speed has reached 51km/h	ODO	T0+196s		DMI		changing speed is correctly displayed in speed dial range
41	STM updates supervision info (set 8-4)	PROF	T0+196s	connection of active DMI channel: Message-S8 with target distance = 359m	DMI		supervision info display is updated with target distance = 359m



42	speed has reached 46km/h	ODO	T0+201s		DMI		changing speed is correctly displayed in speed dial range
43	STM updates supervision info (set 8-5)	PROF	T0+201s	connection of active DMI channel: Message-S8 with target distance = 292m	DMI		supervision info display is updated with target distance = 292m
44	speed has reached 42km/h	ODO	T0+206s		DMI		changing speed is correctly displayed in speed dial range
45	STM updates supervision info (set 8-6)	PROF	T0+206s	connection of active DMI channel: Message-S8 with target distance = 231m	DMI		supervision info display is updated with target distance = 231m
46	speed has reached 37km/h	ODO	T0+211s		DMI		changing speed is correctly displayed in speed dial range
47	STM updates supervision info (set 9-1)	PROF	T0+211s	connection of active DMI channel: Message-S9 with target distance = 400m	DMI		supervision info display is shown with Permitted speed = 42km/h with hook only Target speed = 30km/h with hook only Intervention speed = 52km/h with wide bar width Target distance = 400m with digital only
48	speed has reached 32km/h	ODO	T0+216s		DMI		changing speed is correctly displayed in speed dial range
49	STM updates supervision info (set 9-2)	PROF	T0+216s	connection of active DMI	DMI		supervision info display is



				channel: Message-S9 with target distance = 352m			updated with target distance = 352m
50	speed has reached 28km/h	ODO	T0+221s		DMI		changing speed is correctly displayed in speed dial range
51	STM updates supervision info (set 9-3)	PROF	T0+221s	connection of active DMI channel: Message-S9 with target distance = 311m	DMI		supervision info display is updated with target distance = 311m
52	speed has reached 23km/h	ODO	T0+226s		DMI		changing speed is correctly displayed in speed dial range
53	STM updates supervision info (set 9-4)	PROF	T0+226s	connection of active DMI channel: Message-S9 with target distance = 276m	DMI		supervision info display is updated with target distance = 276m
54	speed has reached 18km/h	ODO	T0+231s		DMI		changing speed is correctly displayed in speed dial range
55	STM updates supervision info (set 9-5)	PROF	T0+231s	connection of active DMI channel: Message-S9 with target distance = 248m	DMI		supervision info display is updated with target distance = 248m
56	speed has reached 14km/h	ODO	T0+236s		DMI		changing speed is correctly displayed in speed dial range
57	STM updates supervision info (set 9-6)	PROF	T0+236s	connection of active DMI channel: Message-S9 with target distance = 226m	DMI		supervision info display is updated with target distance = 226m
58	speed has reached 9km/h	ODO	T0+241s		DMI		changing speed is correctly displayed in speed dial range
59	STM updates supervision info (set 10-1)	PROF	T0+241s	connection of active DMI	DMI		supervision info display is



				channel: Message-S10 with target distance = 100m			shown with Permitted speed = 14km/h with hook only Release speed = 7km/h with digital only Intervention speed = 24km/h with wide bar width Target distance = 100m with digital only
60	speed has reached 5km/h	ODO	T0+246s		DMI		changing speed is correctly displayed in speed dial range
61	STM updates supervision info (set 10-2)	PROF	T0+246s	connection of active DMI channel: Message-S10 with target distance = 90m	DMI		supervision info display is updated with target distance = 90m
62	speed has reached 2km/h	ODO	T0+251s		DMI		changing speed is correctly displayed in speed dial range
63	STM updates supervision info (set 10-3)	PROF	T0+251s	connection of active DMI channel: Message-S10 with target distance = 85m	DMI		supervision info display is updated with target distance = 85m
64	speed has reached 0km/h	ODO	T0+256s		DMI		changing speed is correctly displayed in speed dial range
65	STM updates supervision info (set 10-4)	PROF	T0+256s	connection of active DMI channel: Message-S10 with target distance = 85m	DMI		supervision info display is updated with target distance = 85m
	Train is accelerating continuously in the following steps. Permitted speed and target speed increases in steps (scenario						



	with increasing target speeds)						
66	STM updates supervision info (set 11-1)	PROF	T0+261s	connection of active DMI channel: Message-S11 with target distance = 200m	DMI		supervision info display is shown with Permitted speed = 24km/h with hook only Target speed = 15km/h with hook only Intervention speed = 28km/h with wide bar width Target distance = 200m with digital only
67	speed has reached 3km/h	ODO	T0+266s		DMI		changing speed is correctly displayed in speed dial range
68	STM updates supervision info (set 11-2)	PROF	T0+266s	connection of active DMI channel: Message-S11 with target distance = 198m	DMI		supervision info display is updated with target distance = 198m
69	speed has reached 7km/h	ODO	T0+271s		DMI		changing speed is correctly displayed in speed dial range
70	STM updates supervision info (set 11-3)	PROF	T0+271s	connection of active DMI channel: Message-S11 with target distance = 192m	DMI		supervision info display is updated with target distance = 192m
71	speed has reached 10km/h	ODO	T0+276s		DMI		changing speed is correctly displayed in speed dial range
72	STM updates supervision info (set 12-1)	PROF	T0+276s	connection of active DMI channel: Message-S12 with target distance = 400m	DMI		supervision info display is shown with Permitted speed = 52km/h



							with hook only Target speed = 40km/h with hook only Intervention speed = 56km/h with wide bar width Target distance = 400m with digital only
73	speed has reached 14km/h	ODO	T0+281s		DMI		changing speed is correctly displayed in speed dial range
74	STM updates supervision info (set 12-2)	PROF	T0+281s	connection of active DMI channel: Message-S12 with target distance = 384m	DMI		supervision info display is updated with target distance = 384m
75	speed has reached 18km/h	ODO	T0+286s		DMI		changing speed is correctly displayed in speed dial range
76	STM updates supervision info (set 12-3)	PROF	T0+286s	connection of active DMI channel: Message-S12 with target distance = 362m	DMI		supervision info display is updated with target distance = 362m
77	speed has reached 23km/h	ODO	T0+291s		DMI		changing speed is correctly displayed in speed dial range
78	STM updates supervision info (set 12-4)	PROF	T0+291s	connection of active DMI channel: Message-S12 with target distance = 334m	DMI		supervision info display is updated with target distance = 334m
79	speed has reached 27km/h	ODO	T0+296s		DMI		changing speed is correctly displayed in speed dial range
80	STM updates supervision info (set 12-5)	PROF	T0+296s	connection of active DMI	DMI		supervision info display is



				channel: Message-S12 with target distance = 300m			updated with target distance = 300m
81	speed has reached 31km/h	ODO	T0+301s		DMI		changing speed is correctly displayed in speed dial range
82	STM updates supervision info (set 12-6)	PROF	T0+301s	connection of active DMI channel: Message-S12 with target distance = 261m	DMI		supervision info display is updated with target distance = 261m
83	speed has reached 35km/h	ODO	T0+306s		DMI		changing speed is correctly displayed in speed dial range
84	STM updates supervision info (set 13-1)	PROF	T0+306s	connection of active DMI channel: Message-S13 with target distance = 600m	DMI		supervision info display is shown with Permitted speed = 80km/h with hook only Target speed = 70km/h with hook only Intervention speed = 84km/h with wide bar width Target distance = 600m with digital only
85	speed has reached 39km/h	ODO	T0+311s		DMI		changing speed is correctly displayed in speed dial range
86	STM updates supervision info (set 13-2)	PROF	T0+311s	connection of active DMI channel: Message-S13 with target distance = 549m	DMI		supervision info display is updated with target distance = 549m
87	speed has reached 44km/h	ODO	T0+316s		DMI		changing speed is correctly displayed in speed dial

							range
88	STM updates supervision info (set 13-3)	PROF	T0+316s	connection of active DMI channel: Message-S13 with target distance = 492m	DMI		supervision info display is updated with target distance = 492m
89	speed has reached 48km/h	ODO	T0+321s		DMI		changing speed is correctly displayed in speed dial range
90	STM updates supervision info (set 13-4)	PROF	T0+321s	connection of active DMI channel: Message-S13 with target distance = 429m	DMI		supervision info display is updated with target distance = 429m
91	speed has reached 52km/h	ODO	T0+326s		DMI		changing speed is correctly displayed in speed dial range
92	STM updates supervision info (set 13-5)	PROF	T0+326s	connection of active DMI channel: Message-S13 with target distance = 360m	DMI		supervision info display is updated with target distance = 360m
93	speed has reached 56km/h	ODO	T0+331s		DMI		changing speed is correctly displayed in speed dial range
94	STM updates supervision info (set 13-6)	PROF	T0+331s	connection of active DMI channel: Message-S13 with target distance = 285m	DMI		supervision info display is updated with target distance = 285m
95	speed has reached 61km/h	ODO	T0+336s		DMI		changing speed is correctly displayed in speed dial range
96	STM updates supervision info (set 13-7)	PROF	T0+336s	connection of active DMI channel: Message-S13 with target distance = 204m	DMI		supervision info display is updated with target distance = 204m
97	speed has reached 65km/h	ODO	T0+341s		DMI		changing speed is correctly displayed in speed dial



							range
98	STM updates supervision info (set 14-1)	PROF	T0+341s	connection of active DMI channel: Message-S14 with target distance = 900m	DMI		supervision info display is shown with Permitted speed = 108km/h with hook only Target speed = 100km/h with hook only Intervention speed = 112km/h with wide bar width Target distance = 900m with digital only
99	speed has reached 70km/h	ODO	T0+346s		DMI		changing speed is correctly displayed in speed dial range
100	STM updates supervision info (set 14-2)	PROF	T0+346s	connection of active DMI channel: Message-S14 with target distance = 807m	DMI		supervision info display is updated with target distance = 807m
101	speed has reached 74km/h	ODO	T0+351s		DMI		changing speed is correctly displayed in speed dial range
102	STM updates supervision info (set 14-3)	PROF	T0+351s	connection of active DMI channel: Message-S14 with target distance = 707m	DMI		supervision info display is updated with target distance = 707m
103	speed has reached 79km/h	ODO	T0+356s		DMI		changing speed is correctly displayed in speed dial range
104	STM updates supervision info (set 14-4)	PROF	T0+356s	connection of active DMI channel: Message-S14 with target distance = 601m	DMI		supervision info display is updated with target distance = 601m



105	speed has reached 84km/h	ODO	T0+361s		DMI		changing speed is correctly displayed in speed dial range
106	STM updates supervision info (set 14-5)	PROF	T0+361s	connection of active DMI channel: Message-S14 with target distance = 488m	DMI		supervision info display is updated with target distance = 488m
107	speed has reached 89km/h	ODO	T0+366s		DMI		changing speed is correctly displayed in speed dial range
108	STM updates supervision info (set 14-6)	PROF	T0+366s	connection of active DMI channel: Message-S14 with target distance = 369m	DMI		supervision info display is updated with target distance = 369m
109	speed has reached 94km/h	ODO	T0+371s		DMI		changing speed is correctly displayed in speed dial range
110	STM updates supervision info (set 14-7)	PROF	T0+371s	connection of active DMI channel: Message-S14 with target distance = 243m	DMI		supervision info display is updated with target distance = 243m
111	speed has reached 98km/h	ODO	T0+376s		DMI		changing speed is correctly displayed in speed dial range
112	STM updates supervision info (set 14-8)	PROF	T0+376s	connection of active DMI channel: Message-S14 with target distance = 110m	DMI		supervision info display is updated with target distance = 110m
113	speed has reached 103km/h	ODO	T0+381s		DMI		changing speed is correctly displayed in speed dial range
	Train is decelerating continuously in the following steps. Permitted speed decreases in steps (RSM scenario)						
114	STM updates supervision info (set 15-1)	PROF	T0+381s	connection of active DMI	DMI		supervision info display is



				channel: Message-S15 with target distance = 2200m			shown with Permitted speed = 119km/h with hook only Release speed = 80km/h with digital only Intervention speed = 129km/h with wide bar width Target distance = 2200m with digital only
115	speed has reached 100km/h	ODO	T0+386s		DMI		changing speed is correctly displayed in speed dial range
116	STM updates supervision info (set 15-2)	PROF	T0+386s	connection of active DMI channel: Message-S15 with target distance = 2060m	DMI		supervision info display is updated with target distance = 2060m
117	speed has reached 96km/h	ODO	T0+391s		DMI		changing speed is correctly displayed in speed dial range
118	STM updates supervision info (set 15-3)	PROF	T0+391s	connection of active DMI channel: Message-S15 with target distance = 1924m	DMI		supervision info display is updated with target distance = 1924m
119	speed has reached 93km/h	ODO	T0+396s		DMI		changing speed is correctly displayed in speed dial range
120	STM updates supervision info (set 16-1)	PROF	T0+396s	connection of active DMI channel: Message-S16 with target distance = 1549m	DMI		supervision info display is shown with Permitted speed = 98km/h with hook only Release speed = 80km/h



							with digital only Intervention speed = 108km/h with wide bar width Target distance = 1549m with digital only
121	speed has reached 89km/h	ODO	T0+401s		DMI		changing speed is correctly displayed in speed dial range
122	STM updates supervision info (set 16-2)	PROF	T0+401s	connection of active DMI channel: Message-S16 with target distance = 1423m	DMI		supervision info display is updated with target distance = 1423m
123	speed has reached 85km/h	ODO	T0+406s		DMI		changing speed is correctly displayed in speed dial range
124	STM updates supervision info (set 16-3)	PROF	T0+406s	connection of active DMI channel: Message-S16 with target distance = 1303m	DMI		supervision info display is updated with target distance = 1303m
125	speed has reached 80km/h	ODO	T0+411s		DMI		changing speed is correctly displayed in speed dial range
126	STM updates supervision info (set 16-4)	PROF	T0+411s	connection of active DMI channel: Message-S16 with target distance = 1189m	DMI		supervision info display is updated with target distance = 1189m
127	speed has reached 76km/h	ODO	T0+416s		DMI		changing speed is correctly displayed in speed dial range
128	STM updates supervision info (set 16-5)	PROF	T0+416s	connection of active DMI channel: Message-S16 with target distance = 1081m	DMI		supervision info display is updated with target distance = 1081m



129	speed has reached 72km/h	ODO	T0+421s		DMI		changing speed is correctly displayed in speed dial range
130	STM updates supervision info (set 17-1)	PROF	T0+421s	connection of active DMI channel: Message-S17 with target distance = 1024m	DMI		supervision info display is shown with Permitted speed = 77km/h with hook only Release speed = 80km/h with digital only Intervention speed = 87km/h with wide bar width Target distance = 1024m with digital only
131	speed has reached 68km/h	ODO	T0+426s		DMI		changing speed is correctly displayed in speed dial range
132	STM updates supervision info (set 17-2)	PROF	T0+426s	connection of active DMI channel: Message-S17 with target distance = 927m	DMI		supervision info display is updated with target distance = 927m
133	speed has reached 64km/h	ODO	T0+431s		DMI		changing speed is correctly displayed in speed dial range
134	STM updates supervision info (set 17-3)	PROF	T0+431s	connection of active DMI channel: Message-S17 with target distance = 836m	DMI		supervision info display is updated with target distance = 836m
135	speed has reached 59km/h	ODO	T0+436s		DMI		changing speed is correctly displayed in speed dial range
136	STM updates supervision info (set 17-4)	PROF	T0+436s	connection of active DMI	DMI		supervision info display is



				channel: Message-S17 with target distance = 751m			updated with target distance = 751m
137	speed has reached 55km/h	ODO	T0+441s		DMI		changing speed is correctly displayed in speed dial range
138	STM updates supervision info (set 17-5)	PROF	T0+441s	connection of active DMI channel: Message-S17 with target distance = 672m	DMI		supervision info display is updated with target distance = 672m
139	speed has reached 51km/h	ODO	T0+446s		DMI		changing speed is correctly displayed in speed dial range
140	STM updates supervision info (set 18-1)	PROF	T0+446s	connection of active DMI channel: Message-S18 with target distance = 604m	DMI		supervision info display is shown with Permitted speed = 56km/h with hook only Release speed = 80km/h with digital only Intervention speed = 66km/h with wide bar width Target distance = 604m with digital only
141	speed has reached 47km/h	ODO	T0+451s		DMI		changing speed is correctly displayed in speed dial range
142	STM updates supervision info (set 18-2)	PROF	T0+451s	connection of active DMI channel: Message-S18 with target distance = 537m	DMI		supervision info display is updated with target distance = 537m
143	speed has reached 43km/h	ODO	T0+456s		DMI		changing speed is correctly displayed in speed dial

							range
144	STM updates supervision info (set 18-3)	PROF	T0+456s	connection of active DMI channel: Message-S18 with target distance = 475m	DMI		supervision info display is updated with target distance = 475m
145	speed has reached 38km/h	ODO	T0+461s		DMI		changing speed is correctly displayed in speed dial range
146	STM updates supervision info (set 18-4)	PROF	T0+461s	connection of active DMI channel: Message-S18 with target distance = 419m	DMI		supervision info display is updated with target distance = 419m
147	speed has reached 34km/h	ODO	T0+466s		DMI		changing speed is correctly displayed in speed dial range
148	STM updates supervision info (set 18-5)	PROF	T0+466s	connection of active DMI channel: Message-S18 with target distance = 369m	DMI		supervision info display is updated with target distance = 369m
149	speed has reached 30km/h	ODO	T0+471s		DMI		changing speed is correctly displayed in speed dial range
150	STM updates supervision info (set 19-1)	PROF	T0+471s	connection of active DMI channel: Message-S19 with target distance = 310m	DMI		supervision info display is shown with Permitted speed = 35km/h with hook only Release speed = 80km/h with digital only Intervention speed = 45km/h with wide bar width Target distance = 310m with digital only



151	speed has reached 26km/h	ODO	T0+476s		DMI		changing speed is correctly displayed in speed dial range
152	STM updates supervision info (set 19-2)	PROF	T0+476s	connection of active DMI channel: Message-S19 with target distance = 272m	DMI		supervision info display is updated with target distance = 272m
153	speed has reached 22km/h	ODO	T0+481s		DMI		changing speed is correctly displayed in speed dial range
154	STM updates supervision info (set 19-3)	PROF	T0+481s	connection of active DMI channel: Message-S19 with target distance = 240m	DMI		supervision info display is updated with target distance = 240m
155	speed has reached 17km/h	ODO	T0+486s		DMI		changing speed is correctly displayed in speed dial range
156	STM updates supervision info (set 19-4)	PROF	T0+486s	connection of active DMI channel: Message-S19 with target distance = 213m	DMI		supervision info display is updated with target distance = 213m
157	speed has reached 13km/h	ODO	T0+491s		DMI		changing speed is correctly displayed in speed dial range
158	STM updates supervision info (set 19-5)	PROF	T0+491s	connection of active DMI channel: Message-S19 with target distance = 192m	DMI		supervision info display is updated with target distance = 192m
159	speed has reached 9km/h	ODO	T0+496s		DMI		changing speed is correctly displayed in speed dial range
160	STM updates supervision info (set 20-1)	PROF	T0+496s	connection of active DMI channel: Message-S20 with target distance = 142m	DMI		supervision info display is shown with Permitted speed = 14km/h

							with hook only Release speed = 80km/h with digital only Intervention speed = 24km/h with wide bar width Target distance = 142m with digital only
161	STM updates supervision info (set 20-2)	PROF	T0+501s	connection of active DMI channel: Message-S20 with target distance = 130m	DMI		supervision info display is updated with target distance = 130m
162	STM updates supervision info (set 21)	PROF	T0+506s	connection of active DMI channel: Message-S21	DMI		supervision info display is shown with Permitted speed = 14km/h with speed bar without hook Intervention speed = 24km/h with normal bar width
	Train is accelerating continuously in the following steps. Permitted speed increases in steps (CSM scenario)						
163	STM updates supervision info (set 22)	PROF	T0+511s	connection of active DMI channel: Message-S22	DMI		supervision info display is shown with Permitted speed = 42km/h with speed bar without hook Intervention speed = 52km/h with normal bar width
164	speed has reached 37km/h	ODO	T0+539s		DMI		changing speed is correctly

							displayed in speed dial range
165	STM updates supervision info (set 23)	PROF	T0+539s	connection of active DMI channel: Message-S23	DMI		supervision info display is shown with Permitted speed = 70km/h with speed bar without hook Intervention speed = 80km/h with normal bar width
166	speed has reached 65km/h	ODO	T0+567s		DMI		changing speed is correctly displayed in speed dial range
167	STM updates supervision info (set 24)	PROF	T0+567s	connection of active DMI channel: Message-S24	DMI		supervision info display is shown with Permitted speed = 98km/h with speed bar without hook Intervention speed = 108km/h with normal bar width
168	speed has reached 93km/h	ODO	T0+595s		DMI		changing speed is correctly displayed in speed dial range
169	STM updates supervision info (set 25)	PROF	T0+595s	connection of active DMI channel: Message-S25	DMI		supervision info display is shown with Permitted speed = 126km/h with speed bar without hook Intervention speed =

							136km/h with normal bar width
170	speed has reached 121km/h	ODO	T0+623s		DMI		changing speed is correctly displayed in speed dial range
	Train is decelerating continuously in the following steps. Permitted speed and target speed decrease in steps (TSM scenario)						
171	STM updates supervision info (set 26-1)	PROF	T0+623s	connection of active DMI channel: Message-S26 with target distance = 1000m	DMI		supervision info display is shown with Permitted speed = 126km/h with speed bar without hook Target speed = 110km/h with speed bar without hook Intervention speed = 136km/h with normal bar width Target distance = 1000m with bar without digital
172	speed has reached 116km/h	ODO	T0+628s		DMI		changing speed is correctly displayed in speed dial range
173	STM updates supervision info (set 26-2)	PROF	T0+628s	connection of active DMI channel: Message-S26 with target distance = 836m	DMI		supervision info display is updated with target distance = 836m
174	speed has reached 112km/h	ODO	T0+633s		DMI		changing speed is correctly displayed in speed dial range



175	STM updates supervision info (set 26-3)	PROF	T0+633s	connection of active DMI channel: Message-S26 with target distance = 678m	DMI		supervision info display is updated with target distance = 678m
176	speed has reached 107km/h	ODO	T0+638s		DMI		changing speed is correctly displayed in speed dial range
177	STM updates supervision info (set 26-4)	PROF	T0+638s	connection of active DMI channel: Message-S26 with target distance = 527m	DMI		supervision info display is updated with target distance = 527m
178	speed has reached 102km/h	ODO	T0+643s		DMI		changing speed is correctly displayed in speed dial range
179	STM updates supervision info (set 26-5)	PROF	T0+643s	connection of active DMI channel: Message-S26 with target distance = 382m	DMI		supervision info display is updated with target distance = 382m
180	speed has reached 98km/h	ODO	T0+648s		DMI		changing speed is correctly displayed in speed dial range
181	STM updates supervision info (set 26-6)	PROF	T0+648s	connection of active DMI channel: Message-S26 with target distance = 244m	DMI		supervision info display is updated with target distance = 244m
182	speed has reached 93km/h	ODO	T0+653s		DMI		changing speed is correctly displayed in speed dial range
183	STM updates supervision info (set 27-1)	PROF	T0+653s	connection of active DMI channel: Message-S27 with target distance = 800m	DMI		supervision info display is shown with Permitted speed = 98km/h with speed bar without hook Target speed = 85km/h



							with speed bar without hook Intervention speed = 108km/h with normal bar width Target distance = 800m with bar without digital
184	speed has reached 88km/h	ODO	T0+658s		DMI		changing speed is correctly displayed in speed dial range
185	STM updates supervision info (set 27-2)	PROF	T0+658s	connection of active DMI channel: Message-S27 with target distance = 675m	DMI		supervision info display is updated with target distance = 675m
186	speed has reached 84km/h	ODO	T0+663s		DMI		changing speed is correctly displayed in speed dial range
187	STM updates supervision info (set 27-3)	PROF	T0+663s	connection of active DMI channel: Message-S27 with target distance = 556m	DMI		supervision info display is updated with target distance = 556m
188	speed has reached 79km/h	ODO	T0+668s		DMI		changing speed is correctly displayed in speed dial range
189	STM updates supervision info (set 27-4)	PROF	T0+668s	connection of active DMI channel: Message-S27 with target distance = 444m	DMI		supervision info display is updated with target distance = 444m
190	speed has reached 74km/h	ODO	T0+673s		DMI		changing speed is correctly displayed in speed dial range
191	STM updates supervision info (set 27-5)	PROF	T0+673s	connection of active DMI channel: Message-S27 with target distance = 338m	DMI		supervision info display is updated with target distance = 338m



192	speed has reached 70km/h	ODO	T0+678s		DMI		changing speed is correctly displayed in speed dial range
193	STM updates supervision info (set 27-6)	PROF	T0+678s	connection of active DMI channel: Message-S27 with target distance = 238m	DMI		supervision info display is updated with target distance = 238m
194	speed has reached 65km/h	ODO	T0+683s		DMI		changing speed is correctly displayed in speed dial range
195	STM updates supervision info (set 28-1)	PROF	T0+683s	connection of active DMI channel: Message-S28 with target distance = 600m	DMI		supervision info display is shown with Permitted speed = 70km/h with speed bar without hook Target speed = 55km/h with speed bar without hook Intervention speed = 80km/h with normal bar width Target distance = 600m with bar without digital
196	speed has reached 60km/h	ODO	T0+688s		DMI		changing speed is correctly displayed in speed dial range
197	STM updates supervision info (set 28-2)	PROF	T0+688s	connection of active DMI channel: Message-S28 with target distance = 513m	DMI		supervision info display is updated with target distance = 513m
198	speed has reached 56km/h	ODO	T0+693s		DMI		changing speed is correctly displayed in speed dial

							range
199	STM updates supervision info (set 28-3)	PROF	T0+693s	connection of active DMI channel: Message-S28 with target distance = 433m	DMI		supervision info display is updated with target distance = 433m
200	speed has reached 51km/h	ODO	T0+698s		DMI		changing speed is correctly displayed in speed dial range
201	STM updates supervision info (set 28-4)	PROF	T0+698s	connection of active DMI channel: Message-S28 with target distance = 359m	DMI		supervision info display is updated with target distance = 359m
202	speed has reached 46km/h	ODO	T0+703s		DMI		changing speed is correctly displayed in speed dial range
203	STM updates supervision info (set 28-5)	PROF	T0+703s	connection of active DMI channel: Message-S28 with target distance = 292m	DMI		supervision info display is updated with target distance = 292m
204	speed has reached 42km/h	ODO	T0+708s		DMI		changing speed is correctly displayed in speed dial range
205	STM updates supervision info (set 28-6)	PROF	T0+708s	connection of active DMI channel: Message-S28 with target distance = 231m	DMI		supervision info display is updated with target distance = 231m
206	speed has reached 37km/h	ODO	T0+713s		DMI		changing speed is correctly displayed in speed dial range
207	STM updates supervision info (set 29-1)	PROF	T0+713s	connection of active DMI channel: Message-S29 with target distance = 400m	DMI		supervision info display is shown with Permitted speed = 42km/h with speed bar without hook



							<p>Target speed = 30km/h with speed bar without hook</p> <p>Intervention speed = 52km/h with normal bar width</p> <p>Target distance = 400m with bar without digital</p>
208	speed has reached 32km/h	ODO	T0+718s		DMI		changing speed is correctly displayed in speed dial range
209	STM updates supervision info (set 29-2)	PROF	T0+718s	connection of active DMI channel: Message-S29 with target distance = 352m	DMI		supervision info display is updated with target distance = 352m
210	speed has reached 28km/h	ODO	T0+723s		DMI		changing speed is correctly displayed in speed dial range
211	STM updates supervision info (set 29-3)	PROF	T0+723s	connection of active DMI channel: Message-S29 with target distance = 311m	DMI		supervision info display is updated with target distance = 311m
212	speed has reached 23km/h	ODO	T0+728s		DMI		changing speed is correctly displayed in speed dial range
213	STM updates supervision info (set 29-4)	PROF	T0+728s	connection of active DMI channel: Message-S29 with target distance = 276m	DMI		supervision info display is updated with target distance = 276m
214	speed has reached 18km/h	ODO	T0+733s		DMI		changing speed is correctly displayed in speed dial range
215	STM updates supervision info (set 29-5)	PROF	T0+733s	connection of active DMI	DMI		supervision info display is



				channel: Message-S29 with target distance = 248m			updated with target distance = 248m
216	speed has reached 14km/h	ODO	T0+738s		DMI		changing speed is correctly displayed in speed dial range
217	STM updates supervision info (set 29-6)	PROF	T0+738s	connection of active DMI channel: Message-S29 with target distance = 226m	DMI		supervision info display is updated with target distance = 226m
218	speed has reached 9km/h	ODO	T0+743s		DMI		changing speed is correctly displayed in speed dial range
219	STM updates supervision info (set 30-1)	PROF	T0+743s	connection of active DMI channel: Message-S30 with target distance = 100m	DMI		supervision info display is shown with Permitted speed = 14km/h with speed bar without hook Release speed = 7km/h with bar without digital Intervention speed = 24km/h with normal bar width Target distance = 100m with bar without digital
220	speed has reached 5km/h	ODO	T0+748s		DMI		changing speed is correctly displayed in speed dial range
221	STM updates supervision info (set 30-2)	PROF	T0+748s	connection of active DMI channel: Message-S30 with target distance = 90m	DMI		supervision info display is updated with target distance = 90m
222	speed has reached 2km/h	ODO	T0+753s		DMI		changing speed is correctly

							displayed in speed dial range
223	STM updates supervision info (set 30-3)	PROF	T0+753s	connection of active DMI channel: Message-S30 with target distance = 85m	DMI		supervision info display is updated with target distance = 85m
224	speed has reached 0km/h	ODO	T0+758s		DMI		changing speed is correctly displayed in speed dial range
225	STM updates supervision info (set 30-4)	PROF	T0+758s	connection of active DMI channel: Message-S30 with target distance = 85m	DMI		supervision info display is updated with target distance = 85m
	Train is accelerating continuously in the following steps. Permitted speed and target speed increases in steps (scenario with increasing target speeds)						
226	STM updates supervision info (set 31-1)	PROF	T0+763s	connection of active DMI channel: Message-S31 with target distance = 200m	DMI		supervision info display is shown with Permitted speed = 24km/h with speed bar without hook Target speed = 15km/h with speed bar without hook Intervention speed = 28km/h with normal bar width Target distance = 200m with bar without digital
227	speed has reached 3km/h	ODO	T0+768s		DMI		changing speed is correctly displayed in speed dial range



228	STM updates supervision info (set 31-2)	PROF	T0+768s	connection of active DMI channel: Message-S31 with target distance = 198m	DMI		supervision info display is updated with target distance = 198m
229	speed has reached 7km/h	ODO	T0+773s		DMI		changing speed is correctly displayed in speed dial range
230	STM updates supervision info (set 31-3)	PROF	T0+773s	connection of active DMI channel: Message-S31 with target distance = 192m	DMI		supervision info display is updated with target distance = 192m
231	speed has reached 10km/h	ODO	T0+778s		DMI		changing speed is correctly displayed in speed dial range
232	STM updates supervision info (set 32-1)	PROF	T0+778s	connection of active DMI channel: Message-S32 with target distance = 400m	DMI		supervision info display is shown with Permitted speed = 52km/h with speed bar without hook Target speed = 40km/h with speed bar without hook Intervention speed = 56km/h with normal bar width Target distance = 400m with bar without digital
233	speed has reached 14km/h	ODO	T0+783s		DMI		changing speed is correctly displayed in speed dial range
234	STM updates supervision info (set 32-2)	PROF	T0+783s	connection of active DMI channel: Message-S32 with	DMI		supervision info display is updated with target



				target distance = 384m			distance = 384m
235	speed has reached 18km/h	ODO	T0+788s		DMI		changing speed is correctly displayed in speed dial range
236	STM updates supervision info (set 32-3)	PROF	T0+788s	connection of active DMI channel: Message-S32 with target distance = 362m	DMI		supervision info display is updated with target distance = 362m
237	speed has reached 23km/h	ODO	T0+793s		DMI		changing speed is correctly displayed in speed dial range
238	STM updates supervision info (set 32-4)	PROF	T0+793s	connection of active DMI channel: Message-S32 with target distance = 334m	DMI		supervision info display is updated with target distance = 334m
239	speed has reached 27km/h	ODO	T0+798s		DMI		changing speed is correctly displayed in speed dial range
240	STM updates supervision info (set 32-5)	PROF	T0+798s	connection of active DMI channel: Message-S32 with target distance = 300m	DMI		supervision info display is updated with target distance = 300m
241	speed has reached 31km/h	ODO	T0+803s		DMI		changing speed is correctly displayed in speed dial range
242	STM updates supervision info (set 32-6)	PROF	T0+803s	connection of active DMI channel: Message-S32 with target distance = 261m	DMI		supervision info display is updated with target distance = 261m
243	speed has reached 35km/h	ODO	T0+808s		DMI		changing speed is correctly displayed in speed dial range
244	STM updates supervision info (set 33-1)	PROF	T0+808s	connection of active DMI channel: Message-S33 with	DMI		supervision info display is shown with



				target distance = 600m			Permitted speed = 80km/h with speed bar without hook Target speed = 70km/h with speed bar without hook Intervention speed = 84km/h with normal bar width Target distance = 600m with bar without digital
245	speed has reached 39km/h	ODO	T0+813s		DMI		changing speed is correctly displayed in speed dial range
246	STM updates supervision info (set 33-2)	PROF	T0+813s	connection of active DMI channel: Message-S33 with target distance = 549m	DMI		supervision info display is updated with target distance = 549m
247	speed has reached 44km/h	ODO	T0+818s		DMI		changing speed is correctly displayed in speed dial range
248	STM updates supervision info (set 33-3)	PROF	T0+818s	connection of active DMI channel: Message-S33 with target distance = 492m	DMI		supervision info display is updated with target distance = 492m
249	speed has reached 48km/h	ODO	T0+823s		DMI		changing speed is correctly displayed in speed dial range
250	STM updates supervision info (set 33-4)	PROF	T0+823s	connection of active DMI channel: Message-S33 with target distance = 429m	DMI		supervision info display is updated with target distance = 429m
251	speed has reached 52km/h	ODO	T0+828s		DMI		changing speed is correctly



							displayed in speed dial range
252	STM updates supervision info (set 33-5)	PROF	T0+828s	connection of active DMI channel: Message-S33 with target distance = 360m	DMI		supervision info display is updated with target distance = 360m
253	speed has reached 56km/h	ODO	T0+833s		DMI		changing speed is correctly displayed in speed dial range
254	STM updates supervision info (set 33-6)	PROF	T0+833s	connection of active DMI channel: Message-S33 with target distance = 285m	DMI		supervision info display is updated with target distance = 285m
255	speed has reached 61km/h	ODO	T0+838s		DMI		changing speed is correctly displayed in speed dial range
256	STM updates supervision info (set 33-7)	PROF	T0+838s	connection of active DMI channel: Message-S33 with target distance = 204m	DMI		supervision info display is updated with target distance = 204m
257	speed has reached 65km/h	ODO	T0+843s		DMI		changing speed is correctly displayed in speed dial range
258	STM updates supervision info (set 34-1)	PROF	T0+843s	connection of active DMI channel: Message-S34 with target distance = 900m	DMI		supervision info display is shown with Permitted speed = 108km/h with speed bar without hook Target speed = 100km/h with speed bar without hook Intervention speed = 112km/h with normal bar width



							Target distance = 900m with bar without digital
259	speed has reached 70km/h	ODO	T0+848s		DMI		changing speed is correctly displayed in speed dial range
260	STM updates supervision info (set 34-2)	PROF	T0+848s	connection of active DMI channel: Message-S34 with target distance = 807m	DMI		supervision info display is updated with target distance = 807m
261	speed has reached 74km/h	ODO	T0+853s		DMI		changing speed is correctly displayed in speed dial range
262	STM updates supervision info (set 34-3)	PROF	T0+853s	connection of active DMI channel: Message-S34 with target distance = 707m	DMI		supervision info display is updated with target distance = 707m
263	speed has reached 79km/h	ODO	T0+858s		DMI		changing speed is correctly displayed in speed dial range
264	STM updates supervision info (set 34-4)	PROF	T0+858s	connection of active DMI channel: Message-S34 with target distance = 601m	DMI		supervision info display is updated with target distance = 601m
265	speed has reached 84km/h	ODO	T0+863s		DMI		changing speed is correctly displayed in speed dial range
266	STM updates supervision info (set 34-5)	PROF	T0+863s	connection of active DMI channel: Message-S34 with target distance = 488m	DMI		supervision info display is updated with target distance = 488m
267	speed has reached 89km/h	ODO	T0+868s		DMI		changing speed is correctly displayed in speed dial range
268	STM updates supervision info (set 34-6)	PROF	T0+868s	connection of active DMI	DMI		supervision info display is



				channel: Message-S34 with target distance = 369m			updated with target distance = 369m
269	speed has reached 94km/h	ODO	T0+873s		DMI		changing speed is correctly displayed in speed dial range
270	STM updates supervision info (set 34-7)	PROF	T0+873s	connection of active DMI channel: Message-S34 with target distance = 243m	DMI		supervision info display is updated with target distance = 243m
271	speed has reached 98km/h	ODO	T0+878s		DMI		changing speed is correctly displayed in speed dial range
272	STM updates supervision info (set 34-8)	PROF	T0+878s	connection of active DMI channel: Message-S34 with target distance = 110m	DMI		supervision info display is updated with target distance = 110m
273	speed has reached 103km/h	ODO	T0+883s		DMI		changing speed is correctly displayed in speed dial range
	Train is decelerating continuously in the following steps. Permitted speed decreases in steps (RSM scenario)						
274	STM updates supervision info (set 35-1)	PROF	T0+883s	connection of active DMI channel: Message-S35 with target distance = 2200m	DMI		supervision info display is shown with Permitted speed = 119km/h with speed bar without hook Release speed = 80km/h with bar without digital Intervention speed = 129km/h with normal bar width Target distance = 2200m



							with bar without digital
275	speed has reached 100km/h	ODO	T0+888s		DMI		changing speed is correctly displayed in speed dial range
276	STM updates supervision info (set 35-2)	PROF	T0+888s	connection of active DMI channel: Message-S35 with target distance = 2060m	DMI		supervision info display is updated with target distance = 2060m
277	speed has reached 96km/h	ODO	T0+893s		DMI		changing speed is correctly displayed in speed dial range
278	STM updates supervision info (set 35-3)	PROF	T0+893s	connection of active DMI channel: Message-S35 with target distance = 1924m	DMI		supervision info display is updated with target distance = 1924m
279	speed has reached 93km/h	ODO	T0+898s		DMI		changing speed is correctly displayed in speed dial range
280	STM updates supervision info (set 36-1)	PROF	T0+898s	connection of active DMI channel: Message-S36 with target distance = 1549m	DMI		supervision info display is shown with Permitted speed = 98km/h with speed bar without hook Release speed = 80km/h with bar without digital Intervention speed = 108km/h with normal bar width Target distance = 1549m with bar without digital
281	speed has reached 89km/h	ODO	T0+903s		DMI		changing speed is correctly displayed in speed dial

							range
282	STM updates supervision info (set 36-2)	PROF	T0+903s	connection of active DMI channel: Message-S36 with target distance = 1423m	DMI		supervision info display is updated with target distance = 1423m
283	speed has reached 85km/h	ODO	T0+908s		DMI		changing speed is correctly displayed in speed dial range
284	STM updates supervision info (set 36-3)	PROF	T0+908s	connection of active DMI channel: Message-S36 with target distance = 1303m	DMI		supervision info display is updated with target distance = 1303m
285	speed has reached 80km/h	ODO	T0+913s		DMI		changing speed is correctly displayed in speed dial range
286	STM updates supervision info (set 36-4)	PROF	T0+913s	connection of active DMI channel: Message-S36 with target distance = 1189m	DMI		supervision info display is updated with target distance = 1189m
287	speed has reached 76km/h	ODO	T0+918s		DMI		changing speed is correctly displayed in speed dial range
288	STM updates supervision info (set 36-5)	PROF	T0+918s	connection of active DMI channel: Message-S36 with target distance = 1081m	DMI		supervision info display is updated with target distance = 1081m
289	speed has reached 72km/h	ODO	T0+923s		DMI		changing speed is correctly displayed in speed dial range
290	STM updates supervision info (set 37-1)	PROF	T0+923s	connection of active DMI channel: Message-S37 with target distance = 1024m	DMI		supervision info display is shown with Permitted speed = 77km/h with speed bar without hook



							Release speed = 80km/h with bar without digital Intervention speed = 87km/h with normal bar width Target distance = 1024m with bar without digital
291	speed has reached 68km/h	ODO	T0+928s		DMI		changing speed is correctly displayed in speed dial range
292	STM updates supervision info (set 37-2)	PROF	T0+928s	connection of active DMI channel: Message-S37 with target distance = 927m	DMI		supervision info display is updated with target distance = 927m
293	speed has reached 64km/h	ODO	T0+933s		DMI		changing speed is correctly displayed in speed dial range
294	STM updates supervision info (set 37-3)	PROF	T0+933s	connection of active DMI channel: Message-S37 with target distance = 836m	DMI		supervision info display is updated with target distance = 836m
295	speed has reached 59km/h	ODO	T0+938s		DMI		changing speed is correctly displayed in speed dial range
296	STM updates supervision info (set 37-4)	PROF	T0+938s	connection of active DMI channel: Message-S37 with target distance = 751m	DMI		supervision info display is updated with target distance = 751m
297	speed has reached 55km/h	ODO	T0+943s		DMI		changing speed is correctly displayed in speed dial range
298	STM updates supervision info (set 37-5)	PROF	T0+943s	connection of active DMI channel: Message-S37 with	DMI		supervision info display is updated with target



				target distance = 672m			distance = 672m
299	speed has reached 51km/h	ODO	T0+948s		DMI		changing speed is correctly displayed in speed dial range
300	STM updates supervision info (set 38-1)	PROF	T0+948s	connection of active DMI channel: Message-S38 with target distance = 604m	DMI		supervision info display is shown with Permitted speed = 56km/h with speed bar without hook Release speed = 80km/h with bar without digital Intervention speed = 66km/h with normal bar width Target distance = 604m with bar without digital
301	speed has reached 47km/h	ODO	T0+953s		DMI		changing speed is correctly displayed in speed dial range
302	STM updates supervision info (set 38-2)	PROF	T0+953s	connection of active DMI channel: Message-S38 with target distance = 537m	DMI		supervision info display is updated with target distance = 537m
303	speed has reached 43km/h	ODO	T0+958s		DMI		changing speed is correctly displayed in speed dial range
304	STM updates supervision info (set 38-3)	PROF	T0+958s	connection of active DMI channel: Message-S38 with target distance = 475m	DMI		supervision info display is updated with target distance = 475m
305	speed has reached 38km/h	ODO	T0+963s		DMI		changing speed is correctly displayed in speed dial



							range
306	STM updates supervision info (set 38-4)	PROF	T0+963s	connection of active DMI channel: Message-S38 with target distance = 419m	DMI		supervision info display is updated with target distance = 419m
307	speed has reached 34km/h	ODO	T0+968s		DMI		changing speed is correctly displayed in speed dial range
308	STM updates supervision info (set 38-5)	PROF	T0+968s	connection of active DMI channel: Message-S38 with target distance = 369m	DMI		supervision info display is updated with target distance = 369m
309	speed has reached 30km/h	ODO	T0+973s		DMI		changing speed is correctly displayed in speed dial range
310	STM updates supervision info (set 39-1)	PROF	T0+973s	connection of active DMI channel: Message-S39 with target distance = 310m	DMI		supervision info display is shown with Permitted speed = 35km/h with speed bar without hook Release speed = 80km/h with bar without digital Intervention speed = 45km/h with normal bar width Target distance = 310m with bar without digital
311	speed has reached 26km/h	ODO	T0+978s		DMI		changing speed is correctly displayed in speed dial range
312	STM updates supervision info (set 39-2)	PROF	T0+978s	connection of active DMI channel: Message-S39 with	DMI		supervision info display is updated with target



				target distance = 272m			distance = 272m
313	speed has reached 22km/h	ODO	T0+983s		DMI		changing speed is correctly displayed in speed dial range
314	STM updates supervision info (set 39-3)	PROF	T0+983s	connection of active DMI channel: Message-S39 with target distance = 240m	DMI		supervision info display is updated with target distance = 240m
315	speed has reached 17km/h	ODO	T0+988s		DMI		changing speed is correctly displayed in speed dial range
316	STM updates supervision info (set 39-4)	PROF	T0+988s	connection of active DMI channel: Message-S39 with target distance = 213m	DMI		supervision info display is updated with target distance = 213m
317	speed has reached 13km/h	ODO	T0+993s		DMI		changing speed is correctly displayed in speed dial range
318	STM updates supervision info (set 39-5)	PROF	T0+993s	connection of active DMI channel: Message-S39 with target distance = 192m	DMI		supervision info display is updated with target distance = 192m
319	speed has reached 9km/h	ODO	T0+998s		DMI		changing speed is correctly displayed in speed dial range
320	STM updates supervision info (set 40-1)	PROF	T0+998s	connection of active DMI channel: Message-S40 with target distance = 142m	DMI		supervision info display is shown with Permitted speed = 14km/h with speed bar without hook Release speed = 80km/h with bar without digital Intervention speed =



							24km/h with normal bar width Target distance = 142m with bar without digital
321	STM updates supervision info (set 40-2)	PROF	T0+1003s	connection of active DMI channel: Message-S40 with target distance = 130m	DMI		supervision info display is updated with target distance = 130m
322	STM updates supervision info (set 41)	PROF	T0+1008s	connection of active DMI channel: Message-S41	DMI		supervision info display is shown with Permitted speed = 14km/h with speed bar with hook Intervention speed = 24km/h with wide bar width
	Train is accelerating continuously in the following steps. Permitted speed increases in steps (CSM scenario)						
323	STM updates supervision info (set 42)	PROF	T0+1013s	connection of active DMI channel: Message-S42	DMI		supervision info display is shown with Permitted speed = 42km/h with speed bar with hook Intervention speed = 52km/h with wide bar width
324	speed has reached 37km/h	ODO	T0+1041s		DMI		changing speed is correctly displayed in speed dial range
325	STM updates supervision info (set 43)	PROF	T0+1041s	connection of active DMI channel: Message-S43	DMI		supervision info display is shown with Permitted speed = 70km/h with speed bar with hook



							Intervention speed = 80km/h with wide bar width
326	speed has reached 65km/h	ODO	T0+1069s		DMI		changing speed is correctly displayed in speed dial range
327	STM updates supervision info (set 44)	PROF	T0+1069s	connection of active DMI channel: Message-S44	DMI		supervision info display is shown with Permitted speed = 98km/h with speed bar with hook Intervention speed = 108km/h with wide bar width
328	speed has reached 93km/h	ODO	T0+1097s		DMI		changing speed is correctly displayed in speed dial range
329	STM updates supervision info (set 45)	PROF	T0+1097s	connection of active DMI channel: Message-S45	DMI		supervision info display is shown with Permitted speed = 126km/h with speed bar with hook Intervention speed = 136km/h with wide bar width
330	speed has reached 121km/h	ODO	T0+1125s		DMI		changing speed is correctly displayed in speed dial range
	Train is decelerating continuously in the following steps. Permitted speed and target speed decrease in steps (TSM scenario)						
331	STM updates supervision info (set 46-1)	PROF	T0+1125s	connection of active DMI	DMI		supervision info display is



				channel: Message-S46 with target distance = 1000m			shown with Permitted speed = 126km/h with speed bar with hook Target speed = 110km/h with speed bar with hook Intervention speed = 136km/h with wide bar width Target distance = 1000m with bar and digital
332	speed has reached 116km/h	ODO	T0+1130s		DMI		changing speed is correctly displayed in speed dial range
333	STM updates supervision info (set 46-2)	PROF	T0+1130s	connection of active DMI channel: Message-S46 with target distance = 836m	DMI		supervision info display is updated with target distance = 836m
334	speed has reached 112km/h	ODO	T0+1135s		DMI		changing speed is correctly displayed in speed dial range
335	STM updates supervision info (set 46-3)	PROF	T0+1135s	connection of active DMI channel: Message-S46 with target distance = 678m	DMI		supervision info display is updated with target distance = 678m
336	speed has reached 107km/h	ODO	T0+1140s		DMI		changing speed is correctly displayed in speed dial range
337	STM updates supervision info (set 46-4)	PROF	T0+1140s	connection of active DMI channel: Message-S46 with target distance = 527m	DMI		supervision info display is updated with target distance = 527m
338	speed has reached 102km/h	ODO	T0+1145s		DMI		changing speed is correctly displayed in speed dial

							range
339	STM updates supervision info (set 46-5)	PROF	T0+1145s	connection of active DMI channel: Message-S46 with target distance = 382m	DMI		supervision info display is updated with target distance = 382m
340	speed has reached 98km/h	ODO	T0+1150s		DMI		changing speed is correctly displayed in speed dial range
341	STM updates supervision info (set 46-6)	PROF	T0+1150s	connection of active DMI channel: Message-S46 with target distance = 244m	DMI		supervision info display is updated with target distance = 244m
342	speed has reached 93km/h	ODO	T0+1155s		DMI		changing speed is correctly displayed in speed dial range
343	STM updates supervision info (set 47-1)	PROF	T0+1155s	connection of active DMI channel: Message-S47 with target distance = 800m	DMI		supervision info display is shown with Permitted speed = 98km/h with speed bar with hook Target speed = 85km/h with speed bar with hook Intervention speed = 108km/h with wide bar width Target distance = 800m with bar and digital
344	speed has reached 88km/h	ODO	T0+1160s		DMI		changing speed is correctly displayed in speed dial range
345	STM updates supervision info (set 47-2)	PROF	T0+1160s	connection of active DMI channel: Message-S47 with target distance = 675m	DMI		supervision info display is updated with target distance = 675m



346	speed has reached 84km/h	ODO	T0+1165s		DMI		changing speed is correctly displayed in speed dial range
347	STM updates supervision info (set 47-3)	PROF	T0+1165s	connection of active DMI channel: Message-S47 with target distance = 556m	DMI		supervision info display is updated with target distance = 556m
348	speed has reached 79km/h	ODO	T0+1170s		DMI		changing speed is correctly displayed in speed dial range
349	STM updates supervision info (set 47-4)	PROF	T0+1170s	connection of active DMI channel: Message-S47 with target distance = 444m	DMI		supervision info display is updated with target distance = 444m
350	speed has reached 74km/h	ODO	T0+1175s		DMI		changing speed is correctly displayed in speed dial range
351	STM updates supervision info (set 47-5)	PROF	T0+1175s	connection of active DMI channel: Message-S47 with target distance = 338m	DMI		supervision info display is updated with target distance = 338m
352	speed has reached 70km/h	ODO	T0+1180s		DMI		changing speed is correctly displayed in speed dial range
353	STM updates supervision info (set 47-6)	PROF	T0+1180s	connection of active DMI channel: Message-S47 with target distance = 238m	DMI		supervision info display is updated with target distance = 238m
354	speed has reached 65km/h	ODO	T0+1185s		DMI		changing speed is correctly displayed in speed dial range
355	STM updates supervision info (set 48-1)	PROF	T0+1185s	connection of active DMI channel: Message-S48 with target distance = 600m	DMI		supervision info display is shown with Permitted speed = 70km/h



							with speed bar with hook Target speed = 55km/h with speed bar with hook Intervention speed = 80km/h with wide bar width Target distance = 600m with bar and digital
356	speed has reached 60km/h	ODO	T0+1190s		DMI		changing speed is correctly displayed in speed dial range
357	STM updates supervision info (set 48-2)	PROF	T0+1190s	connection of active DMI channel: Message-S48 with target distance = 513m	DMI		supervision info display is updated with target distance = 513m
358	speed has reached 56km/h	ODO	T0+1195s		DMI		changing speed is correctly displayed in speed dial range
359	STM updates supervision info (set 48-3)	PROF	T0+1195s	connection of active DMI channel: Message-S48 with target distance = 433m	DMI		supervision info display is updated with target distance = 433m
360	speed has reached 51km/h	ODO	T0+1200s		DMI		changing speed is correctly displayed in speed dial range
361	STM updates supervision info (set 48-4)	PROF	T0+1200s	connection of active DMI channel: Message-S48 with target distance = 359m	DMI		supervision info display is updated with target distance = 359m
362	speed has reached 46km/h	ODO	T0+1205s		DMI		changing speed is correctly displayed in speed dial range
363	STM updates supervision info (set 48-5)	PROF	T0+1205s	connection of active DMI	DMI		supervision info display is



				channel: Message-S48 with target distance = 292m			updated with target distance = 292m
364	speed has reached 42km/h	ODO	T0+1210s		DMI		changing speed is correctly displayed in speed dial range
365	STM updates supervision info (set 48-6)	PROF	T0+1210s	connection of active DMI channel: Message-S48 with target distance = 231m	DMI		supervision info display is updated with target distance = 231m
366	speed has reached 37km/h	ODO	T0+1215s		DMI		changing speed is correctly displayed in speed dial range
367	STM updates supervision info (set 49-1)	PROF	T0+1215s	connection of active DMI channel: Message-S49 with target distance = 400m	DMI		supervision info display is shown with Permitted speed = 42km/h with speed bar with hook Target speed = 30km/h with speed bar with hook Intervention speed = 52km/h with wide bar width Target distance = 400m with bar and digital
368	speed has reached 32km/h	ODO	T0+1220s		DMI		changing speed is correctly displayed in speed dial range
369	STM updates supervision info (set 49-2)	PROF	T0+1220s	connection of active DMI channel: Message-S49 with target distance = 352m	DMI		supervision info display is updated with target distance = 352m
370	speed has reached 28km/h	ODO	T0+1225s		DMI		changing speed is correctly displayed in speed dial

							range
371	STM updates supervision info (set 49-3)	PROF	T0+1225s	connection of active DMI channel: Message-S49 with target distance = 311m	DMI		supervision info display is updated with target distance = 311m
372	speed has reached 23km/h	ODO	T0+1230s		DMI		changing speed is correctly displayed in speed dial range
373	STM updates supervision info (set 49-4)	PROF	T0+1230s	connection of active DMI channel: Message-S49 with target distance = 276m	DMI		supervision info display is updated with target distance = 276m
374	speed has reached 18km/h	ODO	T0+1235s		DMI		changing speed is correctly displayed in speed dial range
375	STM updates supervision info (set 49-5)	PROF	T0+1235s	connection of active DMI channel: Message-S49 with target distance = 248m	DMI		supervision info display is updated with target distance = 248m
376	speed has reached 14km/h	ODO	T0+1240s		DMI		changing speed is correctly displayed in speed dial range
377	STM updates supervision info (set 49-6)	PROF	T0+1240s	connection of active DMI channel: Message-S49 with target distance = 226m	DMI		supervision info display is updated with target distance = 226m
378	speed has reached 9km/h	ODO	T0+1245s		DMI		changing speed is correctly displayed in speed dial range
379	STM updates supervision info (set 50-1)	PROF	T0+1245s	connection of active DMI channel: Message-S50 with target distance = 100m	DMI		supervision info display is shown with Permitted speed = 14km/h with speed bar with hook Release speed = 7km/h with

							bar and digital Intervention speed = 24km/h with wide bar width Target distance = 100m with bar and digital
380	speed has reached 5km/h	ODO	T0+1250s		DMI		changing speed is correctly displayed in speed dial range
381	STM updates supervision info (set 50-2)	PROF	T0+1250s	connection of active DMI channel: Message-S50 with target distance = 90m	DMI		supervision info display is updated with target distance = 90m
382	speed has reached 2km/h	ODO	T0+1255s		DMI		changing speed is correctly displayed in speed dial range
383	STM updates supervision info (set 50-3)	PROF	T0+1255s	connection of active DMI channel: Message-S50 with target distance = 85m	DMI		supervision info display is updated with target distance = 85m
384	speed has reached 0km/h	ODO	T0+1260s		DMI		changing speed is correctly displayed in speed dial range
385	STM updates supervision info (set 50-4)	PROF	T0+1260s	connection of active DMI channel: Message-S50 with target distance = 85m	DMI		supervision info display is updated with target distance = 85m
	Train is accelerating continuously in the following steps. Permitted speed and target speed increases in steps (scenario with increasing target speeds)						
386	STM updates supervision info (set 51-1)	PROF	T0+1265s	connection of active DMI channel: Message-S51 with target distance = 200m	DMI		supervision info display is shown with Permitted speed = 24km/h



							with speed bar with hook Target speed = 15km/h with speed bar with hook Intervention speed = 28km/h with wide bar width Target distance = 200m with bar and digital
387	speed has reached 3km/h	ODO	T0+1270s		DMI		changing speed is correctly displayed in speed dial range
388	STM updates supervision info (set 51-2)	PROF	T0+1270s	connection of active DMI channel: Message-S51 with target distance = 198m	DMI		supervision info display is updated with target distance = 198m
389	speed has reached 7km/h	ODO	T0+1275s		DMI		changing speed is correctly displayed in speed dial range
390	STM updates supervision info (set 51-3)	PROF	T0+1275s	connection of active DMI channel: Message-S51 with target distance = 192m	DMI		supervision info display is updated with target distance = 192m
391	speed has reached 10km/h	ODO	T0+1280s		DMI		changing speed is correctly displayed in speed dial range
392	STM updates supervision info (set 52-1)	PROF	T0+1280s	connection of active DMI channel: Message-S52 with target distance = 400m	DMI		supervision info display is shown with Permitted speed = 52km/h with speed bar with hook Target speed = 40km/h with speed bar with hook Intervention speed =



							56km/h with wide bar width Target distance = 400m with bar and digital
393	speed has reached 14km/h	ODO	T0+1285s		DMI		changing speed is correctly displayed in speed dial range
394	STM updates supervision info (set 52-2)	PROF	T0+1285s	connection of active DMI channel: Message-S52 with target distance = 384m	DMI		supervision info display is updated with target distance = 384m
395	speed has reached 18km/h	ODO	T0+1290s		DMI		changing speed is correctly displayed in speed dial range
396	STM updates supervision info (set 52-3)	PROF	T0+1290s	connection of active DMI channel: Message-S52 with target distance = 362m	DMI		supervision info display is updated with target distance = 362m
397	speed has reached 23km/h	ODO	T0+1295s		DMI		changing speed is correctly displayed in speed dial range
398	STM updates supervision info (set 52-4)	PROF	T0+1295s	connection of active DMI channel: Message-S52 with target distance = 334m	DMI		supervision info display is updated with target distance = 334m
399	speed has reached 27km/h	ODO	T0+1300s		DMI		changing speed is correctly displayed in speed dial range
400	STM updates supervision info (set 52-5)	PROF	T0+1300s	connection of active DMI channel: Message-S52 with target distance = 300m	DMI		supervision info display is updated with target distance = 300m
401	speed has reached 31km/h	ODO	T0+1305s		DMI		changing speed is correctly displayed in speed dial range



402	STM updates supervision info (set 52-6)	PROF	T0+1305s	connection of active DMI channel: Message-S52 with target distance = 261m	DMI		supervision info display is updated with target distance = 261m
403	speed has reached 35km/h	ODO	T0+1310s		DMI		changing speed is correctly displayed in speed dial range
404	STM updates supervision info (set 53-1)	PROF	T0+1310s	connection of active DMI channel: Message-S53 with target distance = 600m	DMI		supervision info display is shown with Permitted speed = 80km/h with speed bar with hook Target speed = 70km/h with speed bar with hook Intervention speed = 84km/h with wide bar width Target distance = 600m with bar and digital
405	speed has reached 39km/h	ODO	T0+1315s		DMI		changing speed is correctly displayed in speed dial range
406	STM updates supervision info (set 53-2)	PROF	T0+1315s	connection of active DMI channel: Message-S53 with target distance = 549m	DMI		supervision info display is updated with target distance = 549m
407	speed has reached 44km/h	ODO	T0+1320s		DMI		changing speed is correctly displayed in speed dial range
408	STM updates supervision info (set 53-3)	PROF	T0+1320s	connection of active DMI channel: Message-S53 with target distance = 492m	DMI		supervision info display is updated with target distance = 492m
409	speed has reached 48km/h	ODO	T0+1325s		DMI		changing speed is correctly



							displayed in speed dial range
410	STM updates supervision info (set 53-4)	PROF	T0+1325s	connection of active DMI channel: Message-S53 with target distance = 429m	DMI		supervision info display is updated with target distance = 429m
411	speed has reached 52km/h	ODO	T0+1330s		DMI		changing speed is correctly displayed in speed dial range
412	STM updates supervision info (set 53-5)	PROF	T0+1330s	connection of active DMI channel: Message-S53 with target distance = 360m	DMI		supervision info display is updated with target distance = 360m
413	speed has reached 56km/h	ODO	T0+1335s		DMI		changing speed is correctly displayed in speed dial range
414	STM updates supervision info (set 53-6)	PROF	T0+1335s	connection of active DMI channel: Message-S53 with target distance = 285m	DMI		supervision info display is updated with target distance = 285m
415	speed has reached 61km/h	ODO	T0+1340s		DMI		changing speed is correctly displayed in speed dial range
416	STM updates supervision info (set 53-7)	PROF	T0+1340s	connection of active DMI channel: Message-S53 with target distance = 204m	DMI		supervision info display is updated with target distance = 204m
417	speed has reached 65km/h	ODO	T0+1345s		DMI		changing speed is correctly displayed in speed dial range
418	STM updates supervision info (set 54-1)	PROF	T0+1345s	connection of active DMI channel: Message-S54 with target distance = 900m	DMI		supervision info display is shown with Permitted speed = 108km/h with speed bar with hook



							Target speed = 100km/h with speed bar with hook Intervention speed = 112km/h with wide bar width Target distance = 900m with bar and digital
419	speed has reached 70km/h	ODO	T0+1350s		DMI		changing speed is correctly displayed in speed dial range
420	STM updates supervision info (set 54-2)	PROF	T0+1350s	connection of active DMI channel: Message-S54 with target distance = 807m	DMI		supervision info display is updated with target distance = 807m
421	speed has reached 74km/h	ODO	T0+1355s		DMI		changing speed is correctly displayed in speed dial range
422	STM updates supervision info (set 54-3)	PROF	T0+1355s	connection of active DMI channel: Message-S54 with target distance = 707m	DMI		supervision info display is updated with target distance = 707m
423	speed has reached 79km/h	ODO	T0+1360s		DMI		changing speed is correctly displayed in speed dial range
424	STM updates supervision info (set 54-4)	PROF	T0+1360s	connection of active DMI channel: Message-S54 with target distance = 601m	DMI		supervision info display is updated with target distance = 601m
425	speed has reached 84km/h	ODO	T0+1365s		DMI		changing speed is correctly displayed in speed dial range
426	STM updates supervision info (set 54-5)	PROF	T0+1365s	connection of active DMI channel: Message-S54 with	DMI		supervision info display is updated with target



				target distance = 488m			distance = 488m
427	speed has reached 89km/h	ODO	T0+1370s		DMI		changing speed is correctly displayed in speed dial range
428	STM updates supervision info (set 54-6)	PROF	T0+1370s	connection of active DMI channel: Message-S54 with target distance = 369m	DMI		supervision info display is updated with target distance = 369m
429	speed has reached 94km/h	ODO	T0+1375s		DMI		changing speed is correctly displayed in speed dial range
430	STM updates supervision info (set 54-7)	PROF	T0+1375s	connection of active DMI channel: Message-S54 with target distance = 243m	DMI		supervision info display is updated with target distance = 243m
431	speed has reached 98km/h	ODO	T0+1380s		DMI		changing speed is correctly displayed in speed dial range
432	STM updates supervision info (set 54-8)	PROF	T0+1380s	connection of active DMI channel: Message-S54 with target distance = 110m	DMI		supervision info display is updated with target distance = 110m
433	speed has reached 103km/h	ODO	T0+1385s		DMI		changing speed is correctly displayed in speed dial range
	Train is decelerating continuously in the following steps. Permitted speed decreases in steps (RSM scenario)						
434	STM updates supervision info (set 55-1)	PROF	T0+1385s	connection of active DMI channel: Message-S55 with target distance = 2200m	DMI		supervision info display is shown with Permitted speed = 119km/h with speed bar with hook Release speed = 80km/h with bar and digital



							Intervention speed = 129km/h with wide bar width Target distance = 2200m with bar and digital
435	speed has reached 100km/h	ODO	T0+1390s		DMI		changing speed is correctly displayed in speed dial range
436	STM updates supervision info (set 55-2)	PROF	T0+1390s	connection of active DMI channel: Message-S55 with target distance = 2060m	DMI		supervision info display is updated with target distance = 2060m
437	speed has reached 96km/h	ODO	T0+1395s		DMI		changing speed is correctly displayed in speed dial range
438	STM updates supervision info (set 55-3)	PROF	T0+1395s	connection of active DMI channel: Message-S55 with target distance = 1924m	DMI		supervision info display is updated with target distance = 1924m
439	speed has reached 93km/h	ODO	T0+1400s		DMI		changing speed is correctly displayed in speed dial range
440	STM updates supervision info (set 56-1)	PROF	T0+1400s	connection of active DMI channel: Message-S56 with target distance = 1549m	DMI		supervision info display is shown with Permitted speed = 98km/h with speed bar with hook Release speed = 80km/h with bar and digital Intervention speed = 108km/h with wide bar width Target distance = 1549m



							with bar and digital
441	speed has reached 89km/h	ODO	T0+1405s		DMI		changing speed is correctly displayed in speed dial range
442	STM updates supervision info (set 56-2)	PROF	T0+1405s	connection of active DMI channel: Message-S56 with target distance = 1423m	DMI		supervision info display is updated with target distance = 1423m
443	speed has reached 85km/h	ODO	T0+1410s		DMI		changing speed is correctly displayed in speed dial range
444	STM updates supervision info (set 56-3)	PROF	T0+1410s	connection of active DMI channel: Message-S56 with target distance = 1303m	DMI		supervision info display is updated with target distance = 1303m
445	speed has reached 80km/h	ODO	T0+1415s		DMI		changing speed is correctly displayed in speed dial range
446	STM updates supervision info (set 56-4)	PROF	T0+1415s	connection of active DMI channel: Message-S56 with target distance = 1189m	DMI		supervision info display is updated with target distance = 1189m
447	speed has reached 76km/h	ODO	T0+1420s		DMI		changing speed is correctly displayed in speed dial range
448	STM updates supervision info (set 56-5)	PROF	T0+1420s	connection of active DMI channel: Message-S56 with target distance = 1081m	DMI		supervision info display is updated with target distance = 1081m
449	speed has reached 72km/h	ODO	T0+1425s		DMI		changing speed is correctly displayed in speed dial range
450	STM updates supervision info (set 57-1)	PROF	T0+1425s	connection of active DMI channel: Message-S57 with	DMI		supervision info display is shown with



				target distance = 1024m			Permitted speed = 77km/h with speed bar with hook Release speed = 80km/h with bar and digital Intervention speed = 87km/h with wide bar width Target distance = 1024m with bar and digital
451	speed has reached 68km/h	ODO	T0+1430s		DMI		changing speed is correctly displayed in speed dial range
452	STM updates supervision info (set 57-2)	PROF	T0+1430s	connection of active DMI channel: Message-S57 with target distance = 927m	DMI		supervision info display is updated with target distance = 927m
453	speed has reached 64km/h	ODO	T0+1435s		DMI		changing speed is correctly displayed in speed dial range
454	STM updates supervision info (set 57-3)	PROF	T0+1435s	connection of active DMI channel: Message-S57 with target distance = 836m	DMI		supervision info display is updated with target distance = 836m
455	speed has reached 59km/h	ODO	T0+1440s		DMI		changing speed is correctly displayed in speed dial range
456	STM updates supervision info (set 57-4)	PROF	T0+1440s	connection of active DMI channel: Message-S57 with target distance = 751m	DMI		supervision info display is updated with target distance = 751m
457	speed has reached 55km/h	ODO	T0+1445s		DMI		changing speed is correctly displayed in speed dial range



458	STM updates supervision info (set 57-5)	PROF	T0+1445s	connection of active DMI channel: Message-S57 with target distance = 672m	DMI		supervision info display is updated with target distance = 672m
459	speed has reached 51km/h	ODO	T0+1450s		DMI		changing speed is correctly displayed in speed dial range
460	STM updates supervision info (set 58-1)	PROF	T0+1450s	connection of active DMI channel: Message-S58 with target distance = 604m	DMI		supervision info display is shown with Permitted speed = 56km/h with speed bar with hook Release speed = 80km/h with bar and digital Intervention speed = 66km/h with wide bar width Target distance = 604m with bar and digital
461	speed has reached 47km/h	ODO	T0+1455s		DMI		changing speed is correctly displayed in speed dial range
462	STM updates supervision info (set 58-2)	PROF	T0+1455s	connection of active DMI channel: Message-S58 with target distance = 537m	DMI		supervision info display is updated with target distance = 537m
463	speed has reached 43km/h	ODO	T0+1460s		DMI		changing speed is correctly displayed in speed dial range
464	STM updates supervision info (set 58-3)	PROF	T0+1460s	connection of active DMI channel: Message-S58 with target distance = 475m	DMI		supervision info display is updated with target distance = 475m
465	speed has reached 38km/h	ODO	T0+1465s		DMI		changing speed is correctly



							displayed in speed dial range
466	STM updates supervision info (set 58-4)	PROF	T0+1465s	connection of active DMI channel: Message-S58 with target distance = 419m	DMI		supervision info display is updated with target distance = 419m
467	speed has reached 34km/h	ODO	T0+1470s		DMI		changing speed is correctly displayed in speed dial range
468	STM updates supervision info (set 58-5)	PROF	T0+1470s	connection of active DMI channel: Message-S58 with target distance = 369m	DMI		supervision info display is updated with target distance = 369m
469	speed has reached 30km/h	ODO	T0+1475s		DMI		changing speed is correctly displayed in speed dial range
470	STM updates supervision info (set 59-1)	PROF	T0+1475s	connection of active DMI channel: Message-S59 with target distance = 310m	DMI		supervision info display is shown with Permitted speed = 35km/h with speed bar with hook Release speed = 80km/h with bar and digital Intervention speed = 45km/h with wide bar width Target distance = 310m with bar and digital
471	speed has reached 26km/h	ODO	T0+1480s		DMI		changing speed is correctly displayed in speed dial range
472	STM updates supervision info (set 59-2)	PROF	T0+1480s	connection of active DMI channel: Message-S59 with	DMI		supervision info display is updated with target



				target distance = 272m			distance = 272m
473	speed has reached 22km/h	ODO	T0+1485s		DMI		changing speed is correctly displayed in speed dial range
474	STM updates supervision info (set 59-3)	PROF	T0+1485s	connection of active DMI channel: Message-S59 with target distance = 240m	DMI		supervision info display is updated with target distance = 240m
475	speed has reached 17km/h	ODO	T0+1490s		DMI		changing speed is correctly displayed in speed dial range
476	STM updates supervision info (set 59-4)	PROF	T0+1490s	connection of active DMI channel: Message-S59 with target distance = 213m	DMI		supervision info display is updated with target distance = 213m
477	speed has reached 13km/h	ODO	T0+1495s		DMI		changing speed is correctly displayed in speed dial range
478	STM updates supervision info (set 59-5)	PROF	T0+1495s	connection of active DMI channel: Message-S59 with target distance = 192m	DMI		supervision info display is updated with target distance = 192m
479	speed has reached 9km/h	ODO	T0+1500s		DMI		changing speed is correctly displayed in speed dial range
480	STM updates supervision info (set 60-1)	PROF	T0+1500s	connection of active DMI channel: Message-S60 with target distance = 142m	DMI		supervision info display is shown with Permitted speed = 14km/h with speed bar with hook Release speed = 80km/h with bar and digital Intervention speed = 24km/h with wide bar



							width Target distance = 142m with bar and digital
481	STM updates supervision info (set 60-2)	PROF	T0+1505s	connection of active DMI channel: Message-S60 with target distance = 130m	DMI		supervision info display is updated with target distance = 130m

Message-S1: STM updates supervision info (set 1)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
NID_PACKET	8	15	State report from STM (STM-15)
L_PACKET	13	25	Packet Length
NID_STMSTATE	4	7	State DA
NID_PACKET	8	43	Supervision Information from STM (STM-43)
L_PACKET	13	100	Packet Length
Q_SCALE	2	1	1m scale
V_PERMIT	10	14	14km/h
V_TARGET	7	0	0km/h
V_RELEASE	10	0	0km/h
V_INTERV	10	24	24km/h
D_TARGET	15	0	0m
M_COLOUR_SP	3	0	White
M_COLOUR_PS	3	0	White
Q_DISPLAY_PS	2	01b	Hook only

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M_COLOUR_TS	3	0	White
Q_DISPLAY_TS	2	00b	No display
M_COLOUR_RS	3	0	White
Q_DISPLAY_RS	2	00b	No display
M_COLOUR_IS	3	3	Dark grey
Q_DISPLAY_IS	2	10b	wide bar width
Q_DISPLAY_TD	2	00b	No display
Padding bits	3	000b	

Message-S2: STM updates supervision info (set 2)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=42, VT=0, VR=0, VI=52, DT=0			
MS=0(White), MP=0(White), QP=01b(Hook only), MT=0(White), QT=00b(No display),			
MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S3: STM updates supervision info (set 3)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=70, VT=0, VR=0, VI=80, DT=0
MS=0(White), MP=0(White), QP=01b(Hook only), MT=0(White), QT=00b(No display),
MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),

Message-S4: STM updates supervision info (set 4)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=98, VT=0, VR=0, VI=108, DT=0 MS=0(White), MP=0(White), QP=01b(Hook only), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S5: STM updates supervision info (set 5)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=126, VT=0, VR=0, VI=136, DT=0 MS=0(White), MP=0(White), QP=01b(Hook only), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S6 with target distance = <Target distance in m>: STM updates supervision info (set 6-i)			
VARIABLE	Length	VALUE	COMMENT



NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
NID_PACKET	8	15	State report from STM (STM-15)
L_PACKET	13	25	Packet Length
NID_STMSTATE	4	7	State DA
NID_PACKET	8	43	Supervision Information from STM (STM-43)
L_PACKET	13	100	Packet Length
Q_SCALE	2	1	1m scale
V_PERMIT	10	126	126km/h
V_TARGET	7	22	110km/h
V_RELEASE	10	0	0km/h
V_INTERV	10	136	136km/h
D_TARGET	15	<Target distance in m>	
M_COLOUR_SP	3	0	White
M_COLOUR_PS	3	0	White
Q_DISPLAY_PS	2	01b	Hook only
M_COLOUR_TS	3	2	Medium grey
Q_DISPLAY_TS	2	01b	Hook only
M_COLOUR_RS	3	0	White
Q_DISPLAY_RS	2	00b	No display
M_COLOUR_IS	3	3	Dark grey
Q_DISPLAY_IS	2	10b	wide bar width
Q_DISPLAY_TD	2	01b	Digital only



Padding bits	3	000b	
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Message-S7 with target distance = <Target distance in m>: STM updates supervision info (set 7-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=98, VT=17, VR=0, VI=108, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S8 with target distance = <Target distance in m>: STM updates supervision info (set 8-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=70, VT=11, VR=0, VI=80, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S9 with target distance = <Target distance in m>: STM updates supervision info (set 9-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length



STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=42, VT=6, VR=0, VI=52, DT=<Target distance in m>

MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=01b(Hook only),

MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),

Message-S10 with target distance = <Target distance in m>: STM updates supervision info (set 10-i)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=14, VT=0, VR=7, VI=24, DT=<Target distance in m>

MS=0(White), MP=0(White), QP=01b(Hook only), MT=0(White), QT=00b(No display),

MR=2(Medium grey), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),

Message-S11 with target distance = <Target distance in m>: STM updates supervision info (set 11-i)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=24, VT=3, VR=0, VI=28, DT=<Target distance in m>

MS=0(White), MP=3(Dark grey), QP=01b(Hook only), MT=0(White), QT=01b(Hook only),

MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=01b(Digital only),

Message-S12 with target distance = <Target distance in m>: STM updates supervision info (set 12-i)



VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=52, VT=8, VR=0, VI=56, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=01b(Hook only), MT=0(White), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S13 with target distance = <Target distance in m>: STM updates supervision info (set 13-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=80, VT=14, VR=0, VI=84, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=01b(Hook only), MT=0(White), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S14 with target distance = <Target distance in m>: STM updates supervision info (set 14-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=108, VT=20, VR=0, VI=112, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=01b(Hook only), MT=0(White), QT=01b(Hook only),			



MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=01b(Digital only),

Message-S15 with target distance = <Target distance in m>: STM updates supervision info (set 15-i)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=119, VT=0, VR=80, VI=129, DT=<Target distance in m>

MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display),

MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),

Message-S16 with target distance = <Target distance in m>: STM updates supervision info (set 16-i)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=98, VT=0, VR=80, VI=108, DT=<Target distance in m>

MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display),

MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),

Message-S17 with target distance = <Target distance in m>: STM updates supervision info (set 17-i)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length



STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=77, VT=0, VR=80, VI=87, DT=<Target distance in m>

MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display),

MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),

Message-S18 with target distance = <Target distance in m>: STM updates supervision info (set 18-i)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=56, VT=0, VR=80, VI=66, DT=<Target distance in m>

MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display),

MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),

Message-S19 with target distance = <Target distance in m>: STM updates supervision info (set 19-i)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=35, VT=0, VR=80, VI=45, DT=<Target distance in m>

MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display),

MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),

Message-S20 with target distance = <Target distance in m>: STM updates supervision info (set 20-i)



VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=14, VT=0, VR=80, VI=24, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S21: STM updates supervision info (set 21)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=14, VT=0, VR=0, VI=24, DT=0 MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=00b(No display),			

Message-S22: STM updates supervision info (set 22)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=42, VT=0, VR=0, VI=52, DT=0 MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display),			



MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=00b(No display),

Message-S23: STM updates supervision info (set 23)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=70, VT=0, VR=0, VI=80, DT=0			
MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display),			
MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=00b(No display),			

Message-S24: STM updates supervision info (set 24)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=98, VT=0, VR=0, VI=108, DT=0			
MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display),			
MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=00b(No display),			

Message-S25: STM updates supervision info (set 25)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length



STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=126, VT=0, VR=0, VI=136, DT=0

MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display),

MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=00b(No display),

Message-S26 with target distance = <Target distance in m>: STM updates supervision info (set 26-i)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=126, VT=22, VR=0, VI=136, DT=<Target distance in m>

MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=10b(Speed bar without hook),

MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),

Message-S27 with target distance = <Target distance in m>: STM updates supervision info (set 27-i)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=98, VT=17, VR=0, VI=108, DT=<Target distance in m>

MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=10b(Speed bar without hook),

MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),

Message-S28 with target distance = <Target distance in m>: STM updates supervision info (set 28-i)



VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=70, VT=11, VR=0, VI=80, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S29 with target distance = <Target distance in m>: STM updates supervision info (set 29-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=42, VT=6, VR=0, VI=52, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S30 with target distance = <Target distance in m>: STM updates supervision info (set 30-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=14, VT=0, VR=7, VI=24, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display),			



MR=2(Medium grey), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),

Message-S31 with target distance = <Target distance in m>: STM updates supervision info (set 31-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=24, VT=3, VR=0, VI=28, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=10b(Speed bar without hook), MT=0(White), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S32 with target distance = <Target distance in m>: STM updates supervision info (set 32-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=52, VT=8, VR=0, VI=56, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=10b(Speed bar without hook), MT=0(White), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S33 with target distance = <Target distance in m>: STM updates supervision info (set 33-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length



STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=80, VT=14, VR=0, VI=84, DT=<Target distance in m>

MS=0(White), MP=3(Dark grey), QP=10b(Speed bar without hook), MT=0(White), QT=10b(Speed bar without hook),

MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=01b(Normal bar width), QD=10b(Bar without digital),

Message-S34 with target distance = <Target distance in m>: STM updates supervision info (set 34-i)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=108, VT=20, VR=0, VI=112, DT=<Target distance in m>

MS=0(White), MP=3(Dark grey), QP=10b(Speed bar without hook), MT=0(White), QT=10b(Speed bar without hook),

MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=01b(Normal bar width), QD=10b(Bar without digital),

Message-S35 with target distance = <Target distance in m>: STM updates supervision info (set 35-i)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=119, VT=0, VR=80, VI=129, DT=<Target distance in m>

MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display),

MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),

Message-S36 with target distance = <Target distance in m>: STM updates supervision info (set 36-i)



VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=98, VT=0, VR=80, VI=108, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S37 with target distance = <Target distance in m>: STM updates supervision info (set 37-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=77, VT=0, VR=80, VI=87, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S38 with target distance = <Target distance in m>: STM updates supervision info (set 38-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=56, VT=0, VR=80, VI=66, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display),			



MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),

Message-S39 with target distance = <Target distance in m>: STM updates supervision info (set 39-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=35, VT=0, VR=80, VI=45, DT=<Target distance in m>			
MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display),			
MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S40 with target distance = <Target distance in m>: STM updates supervision info (set 40-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=14, VT=0, VR=80, VI=24, DT=<Target distance in m>			
MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display),			
MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S41: STM updates supervision info (set 41)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length



STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=14, VT=0, VR=0, VI=24, DT=0

MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display),

MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),

Message-S42: STM updates supervision info (set 42)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=42, VT=0, VR=0, VI=52, DT=0

MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display),

MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),

Message-S43: STM updates supervision info (set 43)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=70, VT=0, VR=0, VI=80, DT=0

MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display),

MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),

Message-S44: STM updates supervision info (set 44)



VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=98, VT=0, VR=0, VI=108, DT=0 MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S45: STM updates supervision info (set 45)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=126, VT=0, VR=0, VI=136, DT=0 MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S46 with target distance = <Target distance in m>: STM updates supervision info (set 46-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=126, VT=22, VR=0, VI=136, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=11b(Speed bar with hook),			



MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),

Message-S47 with target distance = <Target distance in m>: STM updates supervision info (set 47-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=98, VT=17, VR=0, VI=108, DT=<Target distance in m>			
MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=11b(Speed bar with hook),			
MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S48 with target distance = <Target distance in m>: STM updates supervision info (set 48-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=70, VT=11, VR=0, VI=80, DT=<Target distance in m>			
MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=11b(Speed bar with hook),			
MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S49 with target distance = <Target distance in m>: STM updates supervision info (set 49-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length



STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=42, VT=6, VR=0, VI=52, DT=<Target distance in m>

MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=11b(Speed bar with hook),

MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),

Message-S50 with target distance = <Target distance in m>: STM updates supervision info (set 50-i)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=14, VT=0, VR=7, VI=24, DT=<Target distance in m>

MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display),

MR=2(Medium grey), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),

Message-S51 with target distance = <Target distance in m>: STM updates supervision info (set 51-i)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=24, VT=3, VR=0, VI=28, DT=<Target distance in m>

MS=0(White), MP=3(Dark grey), QP=11b(Speed bar with hook), MT=0(White), QT=11b(Speed bar with hook),

MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=11b(Bar and digital),

Message-S52 with target distance = <Target distance in m>: STM updates supervision info (set 52-i)



VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=52, VT=8, VR=0, VI=56, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=11b(Speed bar with hook), MT=0(White), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S53 with target distance = <Target distance in m>: STM updates supervision info (set 53-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=80, VT=14, VR=0, VI=84, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=11b(Speed bar with hook), MT=0(White), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S54 with target distance = <Target distance in m>: STM updates supervision info (set 54-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=108, VT=20, VR=0, VI=112, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=11b(Speed bar with hook), MT=0(White), QT=11b(Speed bar with hook),			



MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=11b(Bar and digital),

Message-S55 with target distance = <Target distance in m>: STM updates supervision info (set 55-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=119, VT=0, VR=80, VI=129, DT=<Target distance in m>			
MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display),			
MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S56 with target distance = <Target distance in m>: STM updates supervision info (set 56-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=98, VT=0, VR=80, VI=108, DT=<Target distance in m>			
MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display),			
MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S57 with target distance = <Target distance in m>: STM updates supervision info (set 57-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length



STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=77, VT=0, VR=80, VI=87, DT=<Target distance in m>

MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display),

MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),

Message-S58 with target distance = <Target distance in m>: STM updates supervision info (set 58-i)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=56, VT=0, VR=80, VI=66, DT=<Target distance in m>

MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display),

MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),

Message-S59 with target distance = <Target distance in m>: STM updates supervision info (set 59-i)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=35, VT=0, VR=80, VI=45, DT=<Target distance in m>

MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display),

MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),

Message-S60 with target distance = <Target distance in m>: STM updates supervision info (set 60-i)



VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=14, VT=0, VR=80, VI=24, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

End Conditions	Value	Comments
STM State	unchanged	
ETCS Mode	unchanged	
ETCS Level	unchanged	
Train State	not relevant	
ETCS Train Data	not relevant	
Active DMI channel Connection	unchanged	
Other DMI channels Connections	not relevant	
TIU Connection	not relevant	
BIU Connection	not relevant	
JD Connection	not relevant	
TIU Regenerative Brake Command	not relevant	
TIU Magnetic Shoes Brake Command	not relevant	
TIU Eddy Current Brake Command for Emergency Brake	not relevant	



TIU Eddy Current Brake Command for Service Brake	not relevant	
TIU Pantograph Command	not relevant	
TIU Air Tightness Command	not relevant	
TIU Main Switch / Circuit Breaker Command	not relevant	
TIU Traction Cut Off Command	not relevant	
TIU Traction Status	unchanged	
TIU Direction Controller Position Status	not relevant	
TIU Cab Status	unchanged	
BIU Emergency Brake Command	unchanged	
BIU Service Brake Command	unchanged	
BIU Emergency Brake Status	not relevant	
BIU Service Brake Status	not relevant	
NTC isolation status	unchanged	

2.6.3 Test Case 7f.3

TEST CASE HEADER	
Test case identification	DMI Function
	7f1.0.2.2.X.0.0.((7f2.0.1.(7f3.0.1.1.1.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))* ((7f2.0.1.(7f3.0.2.2.3.0.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))*. ((7f2.0.1.(7f3.0.2.2.3.2.3.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))* ((7f2.0.1.(7f3.0.2.2.1.0.0).0.(7f4.0.1.2.4.3.3.0).1.1.0))*. ((7f2.0.1.(7f3.0.2.2.3.2.3.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))* ((7f2.0.1.(7f3.0.2.2.3.2.3.0).0.(7f4.0.1.2.1.3.4.0).1.2.0))*. ((7f2.0.1.(7f3.0.1.1.1.0).0.(7f4.0.1.3.1.2.4.0).3.1.0))* ((7f2.0.1.(7f3.0.3.3.3.0.0).0.(7f4.0.2.3.1.2.4.0).3.1.0))*. ((7f2.0.1.(7f3.0.3.3.3.3.0).0.(7f4.0.2.3.1.2.4.0).4.1.0))* ((7f2.0.1.(7f3.0.3.3.1.0.0).0.(7f4.0.2.3.4.2.3.0).3.1.0))*



	<p>((7f2.0.1.(7f3.0.3.3.3.3.0).0.(7f4.0.2.3.1.2.4.0).4.1.0))* ((7f2.0.1.(7f3.0.3.3.3.3.0).0.(7f4.0.2.3.1.2.4.0).5.2.0))*.</p> <p>((7f2.0.1.(7f3.0.1.1.1.0).0.(7f4.0.1.4.1.3.4.0).3.1.0))* ((7f2.0.1.(7f3.0.4.4.3.0.0).0.(7f4.0.2.4.1.3.4.0).3.1.0))*.</p> <p>((7f2.0.1.(7f3.0.4.4.3.4.3.0).0.(7f4.0.2.4.1.3.4.0).4.1.0))* ((7f2.0.1.(7f3.0.4.4.1.0.0).0.(7f4.0.2.4.4.3.3.0).3.1.0))*.</p> <p>((7f2.0.1.(7f3.0.4.4.3.4.3.0).0.(7f4.0.2.4.1.3.4.0).4.1.0))* ((7f2.0.1.(7f3.0.4.4.3.4.3.0).0.(7f4.0.2.4.1.3.4.0).5.2.0))*.</p> <p>X=1,2,3 or 4 depending on configured ETCS speed dial range.</p> <p>Test for display of speed and distance supervision information with STM speed dial range configured as 180km/h: Supervision info is shown in all possible display modes with increasing and decreasing speeds values to demonstrate correct display in circular speed gauge for STM speed dial range.</p>
ERTMS/ETCS on-board requirements tested	<p>SUBSET-035 13.4.6.4</p> <p>ERA ERTMS 015560 (DMI Spec) 9.3.7.1, 9.3.7.1.1, 9.3.7.1.2, 9.3.7.1.3, 9.3.7.1.4, 9.3.7.1.5 a),b),c), 9.3.7.1.6, 9.3.7.1.7, 9.3.7.1.8, 9.3.7.1.8 a)-j), 9.3.7.1.9, 9.5.2.4</p>
STM requirements tested	
Packets transmitted via FFFIS STM	STM-15, STM-43
ERTMS/ETCS on-board configuration	Customisable DMI with configuration 7a.6
Comments and constraints	Starting and end conditions as for test case 7f.2

ERTMS/ETCS on-board Test Case

Step	Description/Comments	Input I/F	Input time	Input Action	Output I/F	Output time limit	Output action
	Train is accelerating continuously in the following steps. Permitted speed increases in steps (CSM scenario)						
1	STM updates supervision info (set 1)	PROF	T0	connection of active DMI channel: Message-S1	DMI		supervision info display is shown with

							Permitted speed = 18km/h with hook only Intervention speed = 28km/h with wide bar width
2	speed has reached 13km/h	ODO	T0+13s		DMI		changing speed is correctly displayed in speed dial range
3	STM updates supervision info (set 2)	PROF	T0+13s	connection of active DMI channel: Message-S2	DMI		supervision info display is shown with Permitted speed = 54km/h with hook only Intervention speed = 64km/h with wide bar width
4	speed has reached 49km/h	ODO	T0+49s		DMI		changing speed is correctly displayed in speed dial range
5	STM updates supervision info (set 3)	PROF	T0+49s	connection of active DMI channel: Message-S3	DMI		supervision info display is shown with Permitted speed = 90km/h with hook only Intervention speed = 100km/h with wide bar width
6	speed has reached 85km/h	ODO	T0+85s		DMI		changing speed is correctly displayed in speed dial range
7	STM updates supervision info (set 4)	PROF	T0+85s	connection of active DMI channel: Message-S4	DMI		supervision info display is shown with

							Permitted speed = 126km/h with hook only Intervention speed = 136km/h with wide bar width
8	speed has reached 121km/h	ODO	T0+121s		DMI		changing speed is correctly displayed in speed dial range
9	STM updates supervision info (set 5)	PROF	T0+121s	connection of active DMI channel: Message-S5	DMI		supervision info display is shown with Permitted speed = 162km/h with hook only Intervention speed = 172km/h with wide bar width
10	speed has reached 157km/h	ODO	T0+157s		DMI		changing speed is correctly displayed in speed dial range
	Train is decelerating continuously in the following steps. Permitted speed and target speed decrease in steps (TSM scenario)						
11	STM updates supervision info (set 6-1)	PROF	T0+157s	connection of active DMI channel: Message-S6 with target distance = 1700m	DMI		supervision info display is shown with Permitted speed = 162km/h with hook only Target speed = 145km/h with hook only Intervention speed = 172km/h with wide bar width



							Target distance = 1700m with digital only
12	speed has reached 152km/h	ODO	T0+162s		DMI		changing speed is correctly displayed in speed dial range
13	STM updates supervision info (set 6-2)	PROF	T0+162s	connection of active DMI channel: Message-S6 with target distance = 1486m	DMI		supervision info display is updated with target distance = 1486m
14	speed has reached 148km/h	ODO	T0+167s		DMI		changing speed is correctly displayed in speed dial range
15	STM updates supervision info (set 6-3)	PROF	T0+167s	connection of active DMI channel: Message-S6 with target distance = 1278m	DMI		supervision info display is updated with target distance = 1278m
16	speed has reached 144km/h	ODO	T0+172s		DMI		changing speed is correctly displayed in speed dial range
17	STM updates supervision info (set 6-4)	PROF	T0+172s	connection of active DMI channel: Message-S6 with target distance = 1076m	DMI		supervision info display is updated with target distance = 1076m
18	speed has reached 139km/h	ODO	T0+177s		DMI		changing speed is correctly displayed in speed dial range
19	STM updates supervision info (set 6-5)	PROF	T0+177s	connection of active DMI channel: Message-S6 with target distance = 880m	DMI		supervision info display is updated with target distance = 880m
20	speed has reached 134km/h	ODO	T0+182s		DMI		changing speed is correctly displayed in speed dial range
21	STM updates supervision info (set 6-6)	PROF	T0+182s	connection of active DMI	DMI		supervision info display is



				channel: Message-S6 with target distance = 691m			updated with target distance = 691m
22	speed has reached 130km/h	ODO	T0+187s		DMI		changing speed is correctly displayed in speed dial range
23	STM updates supervision info (set 6-7)	PROF	T0+187s	connection of active DMI channel: Message-S6 with target distance = 508m	DMI		supervision info display is updated with target distance = 508m
24	speed has reached 126km/h	ODO	T0+192s		DMI		changing speed is correctly displayed in speed dial range
25	STM updates supervision info (set 6-8)	PROF	T0+192s	connection of active DMI channel: Message-S6 with target distance = 331m	DMI		supervision info display is updated with target distance = 331m
26	speed has reached 121km/h	ODO	T0+197s		DMI		changing speed is correctly displayed in speed dial range
27	STM updates supervision info (set 7-1)	PROF	T0+197s	connection of active DMI channel: Message-S7 with target distance = 1300m	DMI		supervision info display is shown with Permitted speed = 126km/h with hook only Target speed = 110km/h with hook only Intervention speed = 136km/h with wide bar width Target distance = 1300m with digital only
28	speed has reached 116km/h	ODO	T0+202s		DMI		changing speed is correctly displayed in speed dial

							range
29	STM updates supervision info (set 7-2)	PROF	T0+202s	connection of active DMI channel: Message-S7 with target distance = 1136m	DMI		supervision info display is updated with target distance = 1136m
30	speed has reached 112km/h	ODO	T0+207s		DMI		changing speed is correctly displayed in speed dial range
31	STM updates supervision info (set 7-3)	PROF	T0+207s	connection of active DMI channel: Message-S7 with target distance = 978m	DMI		supervision info display is updated with target distance = 978m
32	speed has reached 108km/h	ODO	T0+212s		DMI		changing speed is correctly displayed in speed dial range
33	STM updates supervision info (set 7-4)	PROF	T0+212s	connection of active DMI channel: Message-S7 with target distance = 826m	DMI		supervision info display is updated with target distance = 826m
34	speed has reached 103km/h	ODO	T0+217s		DMI		changing speed is correctly displayed in speed dial range
35	STM updates supervision info (set 7-5)	PROF	T0+217s	connection of active DMI channel: Message-S7 with target distance = 680m	DMI		supervision info display is updated with target distance = 680m
36	speed has reached 98km/h	ODO	T0+222s		DMI		changing speed is correctly displayed in speed dial range
37	STM updates supervision info (set 7-6)	PROF	T0+222s	connection of active DMI channel: Message-S7 with target distance = 541m	DMI		supervision info display is updated with target distance = 541m
38	speed has reached 94km/h	ODO	T0+227s		DMI		changing speed is correctly displayed in speed dial



							range
39	STM updates supervision info (set 7-7)	PROF	T0+227s	connection of active DMI channel: Message-S7 with target distance = 408m	DMI		supervision info display is updated with target distance = 408m
40	speed has reached 90km/h	ODO	T0+232s		DMI		changing speed is correctly displayed in speed dial range
41	STM updates supervision info (set 7-8)	PROF	T0+232s	connection of active DMI channel: Message-S7 with target distance = 281m	DMI		supervision info display is updated with target distance = 281m
42	speed has reached 85km/h	ODO	T0+237s		DMI		changing speed is correctly displayed in speed dial range
43	STM updates supervision info (set 8-1)	PROF	T0+237s	connection of active DMI channel: Message-S8 with target distance = 900m	DMI		supervision info display is shown with Permitted speed = 90km/h with hook only Target speed = 70km/h with hook only Intervention speed = 100km/h with wide bar width Target distance = 900m with digital only
44	speed has reached 80km/h	ODO	T0+242s		DMI		changing speed is correctly displayed in speed dial range
45	STM updates supervision info (set 8-2)	PROF	T0+242s	connection of active DMI channel: Message-S8 with target distance = 786m	DMI		supervision info display is updated with target distance = 786m



46	speed has reached 76km/h	ODO	T0+247s		DMI		changing speed is correctly displayed in speed dial range
47	STM updates supervision info (set 8-3)	PROF	T0+247s	connection of active DMI channel: Message-S8 with target distance = 678m	DMI		supervision info display is updated with target distance = 678m
48	speed has reached 72km/h	ODO	T0+252s		DMI		changing speed is correctly displayed in speed dial range
49	STM updates supervision info (set 8-4)	PROF	T0+252s	connection of active DMI channel: Message-S8 with target distance = 576m	DMI		supervision info display is updated with target distance = 576m
50	speed has reached 67km/h	ODO	T0+257s		DMI		changing speed is correctly displayed in speed dial range
51	STM updates supervision info (set 8-5)	PROF	T0+257s	connection of active DMI channel: Message-S8 with target distance = 480m	DMI		supervision info display is updated with target distance = 480m
52	speed has reached 62km/h	ODO	T0+262s		DMI		changing speed is correctly displayed in speed dial range
53	STM updates supervision info (set 8-6)	PROF	T0+262s	connection of active DMI channel: Message-S8 with target distance = 391m	DMI		supervision info display is updated with target distance = 391m
54	speed has reached 58km/h	ODO	T0+267s		DMI		changing speed is correctly displayed in speed dial range
55	STM updates supervision info (set 8-7)	PROF	T0+267s	connection of active DMI channel: Message-S8 with target distance = 308m	DMI		supervision info display is updated with target distance = 308m



56	speed has reached 54km/h	ODO	T0+272s		DMI		changing speed is correctly displayed in speed dial range
57	STM updates supervision info (set 8-8)	PROF	T0+272s	connection of active DMI channel: Message-S8 with target distance = 231m	DMI		supervision info display is updated with target distance = 231m
58	speed has reached 49km/h	ODO	T0+277s		DMI		changing speed is correctly displayed in speed dial range
59	STM updates supervision info (set 9-1)	PROF	T0+277s	connection of active DMI channel: Message-S9 with target distance = 600m	DMI		supervision info display is shown with Permitted speed = 54km/h with hook only Target speed = 35km/h with hook only Intervention speed = 64km/h with wide bar width Target distance = 600m with digital only
60	speed has reached 44km/h	ODO	T0+282s		DMI		changing speed is correctly displayed in speed dial range
61	STM updates supervision info (set 9-2)	PROF	T0+282s	connection of active DMI channel: Message-S9 with target distance = 536m	DMI		supervision info display is updated with target distance = 536m
62	speed has reached 40km/h	ODO	T0+287s		DMI		changing speed is correctly displayed in speed dial range
63	STM updates supervision info (set 9-3)	PROF	T0+287s	connection of active DMI	DMI		supervision info display is



				channel: Message-S9 with target distance = 478m			updated with target distance = 478m
64	speed has reached 36km/h	ODO	T0+292s		DMI		changing speed is correctly displayed in speed dial range
65	STM updates supervision info (set 9-4)	PROF	T0+292s	connection of active DMI channel: Message-S9 with target distance = 426m	DMI		supervision info display is updated with target distance = 426m
66	speed has reached 31km/h	ODO	T0+297s		DMI		changing speed is correctly displayed in speed dial range
67	STM updates supervision info (set 9-5)	PROF	T0+297s	connection of active DMI channel: Message-S9 with target distance = 380m	DMI		supervision info display is updated with target distance = 380m
68	speed has reached 26km/h	ODO	T0+302s		DMI		changing speed is correctly displayed in speed dial range
69	STM updates supervision info (set 9-6)	PROF	T0+302s	connection of active DMI channel: Message-S9 with target distance = 341m	DMI		supervision info display is updated with target distance = 341m
70	speed has reached 22km/h	ODO	T0+307s		DMI		changing speed is correctly displayed in speed dial range
71	STM updates supervision info (set 9-7)	PROF	T0+307s	connection of active DMI channel: Message-S9 with target distance = 308m	DMI		supervision info display is updated with target distance = 308m
72	speed has reached 18km/h	ODO	T0+312s		DMI		changing speed is correctly displayed in speed dial range
73	STM updates supervision info (set 9-8)	PROF	T0+312s	connection of active DMI	DMI		supervision info display is



				channel: Message-S9 with target distance = 281m			updated with target distance = 281m
74	speed has reached 13km/h	ODO	T0+317s		DMI		changing speed is correctly displayed in speed dial range
75	STM updates supervision info (set 10-1)	PROF	T0+317s	connection of active DMI channel: Message-S10 with target distance = 200m	DMI		supervision info display is shown with Permitted speed = 18km/h with hook only Release speed = 9km/h with digital only Intervention speed = 28km/h with wide bar width Target distance = 200m with digital only
76	speed has reached 8km/h	ODO	T0+322s		DMI		changing speed is correctly displayed in speed dial range
77	STM updates supervision info (set 10-2)	PROF	T0+322s	connection of active DMI channel: Message-S10 with target distance = 186m	DMI		supervision info display is updated with target distance = 186m
78	speed has reached 4km/h	ODO	T0+327s		DMI		changing speed is correctly displayed in speed dial range
79	STM updates supervision info (set 10-3)	PROF	T0+327s	connection of active DMI channel: Message-S10 with target distance = 178m	DMI		supervision info display is updated with target distance = 178m
80	speed has reached 0km/h	ODO	T0+332s		DMI		changing speed is correctly displayed in speed dial

							range
81	STM updates supervision info (set 10-4)	PROF	T0+332s	connection of active DMI channel: Message-S10 with target distance = 176m	DMI		supervision info display is updated with target distance = 176m
	Train is accelerating continuously in the following steps. Permitted speed and target speed increases in steps (scenario with increasing target speeds)						
82	STM updates supervision info (set 11-1)	PROF	T0+337s	connection of active DMI channel: Message-S11 with target distance = 200m	DMI		supervision info display is shown with Permitted speed = 28km/h with hook only Target speed = 20km/h with hook only Intervention speed = 36km/h with wide bar width Target distance = 200m with digital only
83	speed has reached 4km/h	ODO	T0+342s		DMI		changing speed is correctly displayed in speed dial range
84	STM updates supervision info (set 11-2)	PROF	T0+342s	connection of active DMI channel: Message-S11 with target distance = 198m	DMI		supervision info display is updated with target distance = 198m
85	speed has reached 8km/h	ODO	T0+347s		DMI		changing speed is correctly displayed in speed dial range
86	STM updates supervision info (set 11-3)	PROF	T0+347s	connection of active DMI channel: Message-S11 with target distance = 191m	DMI		supervision info display is updated with target distance = 191m



87	speed has reached 11km/h	ODO	T0+352s		DMI		changing speed is correctly displayed in speed dial range
88	STM updates supervision info (set 11-4)	PROF	T0+352s	connection of active DMI channel: Message-S11 with target distance = 178m	DMI		supervision info display is updated with target distance = 178m
89	speed has reached 15km/h	ODO	T0+357s		DMI		changing speed is correctly displayed in speed dial range
90	STM updates supervision info (set 12-1)	PROF	T0+357s	connection of active DMI channel: Message-S12 with target distance = 600m	DMI		supervision info display is shown with Permitted speed = 64km/h with hook only Target speed = 55km/h with hook only Intervention speed = 72km/h with wide bar width Target distance = 600m with digital only
91	speed has reached 19km/h	ODO	T0+362s		DMI		changing speed is correctly displayed in speed dial range
92	STM updates supervision info (set 12-2)	PROF	T0+362s	connection of active DMI channel: Message-S12 with target distance = 577m	DMI		supervision info display is updated with target distance = 577m
93	speed has reached 24km/h	ODO	T0+367s		DMI		changing speed is correctly displayed in speed dial range
94	STM updates supervision info (set 12-3)	PROF	T0+367s	connection of active DMI	DMI		supervision info display is



				channel: Message-S12 with target distance = 548m			updated with target distance = 548m
95	speed has reached 28km/h	ODO	T0+372s		DMI		changing speed is correctly displayed in speed dial range
96	STM updates supervision info (set 12-4)	PROF	T0+372s	connection of active DMI channel: Message-S12 with target distance = 512m	DMI		supervision info display is updated with target distance = 512m
97	speed has reached 32km/h	ODO	T0+377s		DMI		changing speed is correctly displayed in speed dial range
98	STM updates supervision info (set 12-5)	PROF	T0+377s	connection of active DMI channel: Message-S12 with target distance = 470m	DMI		supervision info display is updated with target distance = 470m
99	speed has reached 37km/h	ODO	T0+382s		DMI		changing speed is correctly displayed in speed dial range
100	STM updates supervision info (set 12-6)	PROF	T0+382s	connection of active DMI channel: Message-S12 with target distance = 422m	DMI		supervision info display is updated with target distance = 422m
101	speed has reached 41km/h	ODO	T0+387s		DMI		changing speed is correctly displayed in speed dial range
102	STM updates supervision info (set 12-7)	PROF	T0+387s	connection of active DMI channel: Message-S12 with target distance = 368m	DMI		supervision info display is updated with target distance = 368m
103	speed has reached 46km/h	ODO	T0+392s		DMI		changing speed is correctly displayed in speed dial range
104	STM updates supervision info (set 12-8)	PROF	T0+392s	connection of active DMI	DMI		supervision info display is



				channel: Message-S12 with target distance = 308m			updated with target distance = 308m
105	speed has reached 50km/h	ODO	T0+397s		DMI		changing speed is correctly displayed in speed dial range
106	STM updates supervision info (set 13-1)	PROF	T0+397s	connection of active DMI channel: Message-S13 with target distance = 1000m	DMI		supervision info display is shown with Permitted speed = 100km/h with hook only Target speed = 90km/h with hook only Intervention speed = 108km/h with wide bar width Target distance = 1000m with digital only
107	speed has reached 54km/h	ODO	T0+402s		DMI		changing speed is correctly displayed in speed dial range
108	STM updates supervision info (set 13-2)	PROF	T0+402s	connection of active DMI channel: Message-S13 with target distance = 928m	DMI		supervision info display is updated with target distance = 928m
109	speed has reached 59km/h	ODO	T0+407s		DMI		changing speed is correctly displayed in speed dial range
110	STM updates supervision info (set 13-3)	PROF	T0+407s	connection of active DMI channel: Message-S13 with target distance = 850m	DMI		supervision info display is updated with target distance = 850m
111	speed has reached 63km/h	ODO	T0+412s		DMI		changing speed is correctly displayed in speed dial



							range
112	STM updates supervision info (set 13-4)	PROF	T0+412s	connection of active DMI channel: Message-S13 with target distance = 766m	DMI		supervision info display is updated with target distance = 766m
113	speed has reached 68km/h	ODO	T0+417s		DMI		changing speed is correctly displayed in speed dial range
114	STM updates supervision info (set 13-5)	PROF	T0+417s	connection of active DMI channel: Message-S13 with target distance = 676m	DMI		supervision info display is updated with target distance = 676m
115	speed has reached 72km/h	ODO	T0+422s		DMI		changing speed is correctly displayed in speed dial range
116	STM updates supervision info (set 13-6)	PROF	T0+422s	connection of active DMI channel: Message-S13 with target distance = 580m	DMI		supervision info display is updated with target distance = 580m
117	speed has reached 76km/h	ODO	T0+427s		DMI		changing speed is correctly displayed in speed dial range
118	STM updates supervision info (set 13-7)	PROF	T0+427s	connection of active DMI channel: Message-S13 with target distance = 478m	DMI		supervision info display is updated with target distance = 478m
119	speed has reached 81km/h	ODO	T0+432s		DMI		changing speed is correctly displayed in speed dial range
120	STM updates supervision info (set 13-8)	PROF	T0+432s	connection of active DMI channel: Message-S13 with target distance = 370m	DMI		supervision info display is updated with target distance = 370m
121	speed has reached 85km/h	ODO	T0+437s		DMI		changing speed is correctly displayed in speed dial

							range
122	STM updates supervision info (set 14-1)	PROF	T0+437s	connection of active DMI channel: Message-S14 with target distance = 1400m	DMI		supervision info display is shown with Permitted speed = 136km/h with hook only Target speed = 125km/h with hook only Intervention speed = 144km/h with wide bar width Target distance = 1400m with digital only
123	speed has reached 90km/h	ODO	T0+442s		DMI		changing speed is correctly displayed in speed dial range
124	STM updates supervision info (set 14-2)	PROF	T0+442s	connection of active DMI channel: Message-S14 with target distance = 1279m	DMI		supervision info display is updated with target distance = 1279m
125	speed has reached 94km/h	ODO	T0+447s		DMI		changing speed is correctly displayed in speed dial range
126	STM updates supervision info (set 14-3)	PROF	T0+447s	connection of active DMI channel: Message-S14 with target distance = 1152m	DMI		supervision info display is updated with target distance = 1152m
127	speed has reached 99km/h	ODO	T0+452s		DMI		changing speed is correctly displayed in speed dial range
128	STM updates supervision info (set 14-4)	PROF	T0+452s	connection of active DMI channel: Message-S14 with target distance = 1018m	DMI		supervision info display is updated with target distance = 1018m



129	speed has reached 103km/h	ODO	T0+457s		DMI		changing speed is correctly displayed in speed dial range
130	STM updates supervision info (set 14-5)	PROF	T0+457s	connection of active DMI channel: Message-S14 with target distance = 878m	DMI		supervision info display is updated with target distance = 878m
131	speed has reached 108km/h	ODO	T0+462s		DMI		changing speed is correctly displayed in speed dial range
132	STM updates supervision info (set 14-6)	PROF	T0+462s	connection of active DMI channel: Message-S14 with target distance = 732m	DMI		supervision info display is updated with target distance = 732m
133	speed has reached 113km/h	ODO	T0+467s		DMI		changing speed is correctly displayed in speed dial range
134	STM updates supervision info (set 14-7)	PROF	T0+467s	connection of active DMI channel: Message-S14 with target distance = 579m	DMI		supervision info display is updated with target distance = 579m
135	speed has reached 117km/h	ODO	T0+472s		DMI		changing speed is correctly displayed in speed dial range
136	STM updates supervision info (set 14-8)	PROF	T0+472s	connection of active DMI channel: Message-S14 with target distance = 420m	DMI		supervision info display is updated with target distance = 420m
137	speed has reached 122km/h	ODO	T0+477s		DMI		changing speed is correctly displayed in speed dial range
138	STM updates supervision info (set 14-9)	PROF	T0+477s	connection of active DMI channel: Message-S14 with target distance = 255m	DMI		supervision info display is updated with target distance = 255m

139	speed has reached 126km/h	ODO	T0+482s		DMI		changing speed is correctly displayed in speed dial range
140	STM updates supervision info (set 14-10)	PROF	T0+482s	connection of active DMI channel: Message-S14 with target distance = 83m	DMI		supervision info display is updated with target distance = 83m
141	speed has reached 131km/h	ODO	T0+487s		DMI		changing speed is correctly displayed in speed dial range
	Train is decelerating continuously in the following steps. Permitted speed decreases in steps (RSM scenario)						
142	STM updates supervision info (set 15-1)	PROF	T0+487s	connection of active DMI channel: Message-S15 with target distance = 3600m	DMI		supervision info display is shown with Permitted speed = 153km/h with hook only Release speed = 80km/h with digital only Intervention speed = 163km/h with wide bar width Target distance = 3600m with digital only
143	speed has reached 128km/h	ODO	T0+492s		DMI		changing speed is correctly displayed in speed dial range
144	STM updates supervision info (set 15-2)	PROF	T0+492s	connection of active DMI channel: Message-S15 with target distance = 3421m	DMI		supervision info display is updated with target distance = 3421m
145	speed has reached 124km/h	ODO	T0+497s		DMI		changing speed is correctly displayed in speed dial



							range
146	STM updates supervision info (set 15-3)	PROF	T0+497s	connection of active DMI channel: Message-S15 with target distance = 3246m	DMI		supervision info display is updated with target distance = 3246m
147	speed has reached 121km/h	ODO	T0+502s		DMI		changing speed is correctly displayed in speed dial range
148	STM updates supervision info (set 16-1)	PROF	T0+502s	connection of active DMI channel: Message-S16 with target distance = 2493m	DMI		supervision info display is shown with Permitted speed = 126km/h with hook only Release speed = 80km/h with digital only Intervention speed = 136km/h with wide bar width Target distance = 2493m with digital only
149	speed has reached 116km/h	ODO	T0+507s		DMI		changing speed is correctly displayed in speed dial range
150	STM updates supervision info (set 16-2)	PROF	T0+507s	connection of active DMI channel: Message-S16 with target distance = 2329m	DMI		supervision info display is updated with target distance = 2329m
151	speed has reached 112km/h	ODO	T0+512s		DMI		changing speed is correctly displayed in speed dial range
152	STM updates supervision info (set 16-3)	PROF	T0+512s	connection of active DMI channel: Message-S16 with target distance = 2171m	DMI		supervision info display is updated with target distance = 2171m



153	speed has reached 107km/h	ODO	T0+517s		DMI		changing speed is correctly displayed in speed dial range
154	STM updates supervision info (set 16-4)	PROF	T0+517s	connection of active DMI channel: Message-S16 with target distance = 2019m	DMI		supervision info display is updated with target distance = 2019m
155	speed has reached 103km/h	ODO	T0+522s		DMI		changing speed is correctly displayed in speed dial range
156	STM updates supervision info (set 16-5)	PROF	T0+522s	connection of active DMI channel: Message-S16 with target distance = 1873m	DMI		supervision info display is updated with target distance = 1873m
157	speed has reached 98km/h	ODO	T0+527s		DMI		changing speed is correctly displayed in speed dial range
158	STM updates supervision info (set 16-6)	PROF	T0+527s	connection of active DMI channel: Message-S16 with target distance = 1734m	DMI		supervision info display is updated with target distance = 1734m
159	speed has reached 94km/h	ODO	T0+532s		DMI		changing speed is correctly displayed in speed dial range
160	STM updates supervision info (set 17-1)	PROF	T0+532s	connection of active DMI channel: Message-S17 with target distance = 1602m	DMI		supervision info display is shown with Permitted speed = 99km/h with hook only Release speed = 80km/h with digital only Intervention speed = 109km/h with wide bar width



							Target distance = 1602m with digital only
161	speed has reached 89km/h	ODO	T0+537s		DMI		changing speed is correctly displayed in speed dial range
162	STM updates supervision info (set 17-2)	PROF	T0+537s	connection of active DMI channel: Message-S17 with target distance = 1475m	DMI		supervision info display is updated with target distance = 1475m
163	speed has reached 85km/h	ODO	T0+542s		DMI		changing speed is correctly displayed in speed dial range
164	STM updates supervision info (set 17-3)	PROF	T0+542s	connection of active DMI channel: Message-S17 with target distance = 1354m	DMI		supervision info display is updated with target distance = 1354m
165	speed has reached 80km/h	ODO	T0+547s		DMI		changing speed is correctly displayed in speed dial range
166	STM updates supervision info (set 17-4)	PROF	T0+547s	connection of active DMI channel: Message-S17 with target distance = 1240m	DMI		supervision info display is updated with target distance = 1240m
167	speed has reached 76km/h	ODO	T0+552s		DMI		changing speed is correctly displayed in speed dial range
168	STM updates supervision info (set 17-5)	PROF	T0+552s	connection of active DMI channel: Message-S17 with target distance = 1132m	DMI		supervision info display is updated with target distance = 1132m
169	speed has reached 71km/h	ODO	T0+557s		DMI		changing speed is correctly displayed in speed dial range
170	STM updates supervision info (set 17-6)	PROF	T0+557s	connection of active DMI	DMI		supervision info display is



				channel: Message-S17 with target distance = 1030m			updated with target distance = 1030m
171	speed has reached 67km/h	ODO	T0+562s		DMI		changing speed is correctly displayed in speed dial range
172	STM updates supervision info (set 18-1)	PROF	T0+562s	connection of active DMI channel: Message-S18 with target distance = 900m	DMI		supervision info display is shown with Permitted speed = 72km/h with hook only Release speed = 80km/h with digital only Intervention speed = 82km/h with wide bar width Target distance = 900m with digital only
173	speed has reached 62km/h	ODO	T0+567s		DMI		changing speed is correctly displayed in speed dial range
174	STM updates supervision info (set 18-2)	PROF	T0+567s	connection of active DMI channel: Message-S18 with target distance = 811m	DMI		supervision info display is updated with target distance = 811m
175	speed has reached 58km/h	ODO	T0+572s		DMI		changing speed is correctly displayed in speed dial range
176	STM updates supervision info (set 18-3)	PROF	T0+572s	connection of active DMI channel: Message-S18 with target distance = 728m	DMI		supervision info display is updated with target distance = 728m
177	speed has reached 53km/h	ODO	T0+577s		DMI		changing speed is correctly displayed in speed dial

							range
178	STM updates supervision info (set 18-4)	PROF	T0+577s	connection of active DMI channel: Message-S18 with target distance = 651m	DMI		supervision info display is updated with target distance = 651m
179	speed has reached 49km/h	ODO	T0+582s		DMI		changing speed is correctly displayed in speed dial range
180	STM updates supervision info (set 18-5)	PROF	T0+582s	connection of active DMI channel: Message-S18 with target distance = 580m	DMI		supervision info display is updated with target distance = 580m
181	speed has reached 44km/h	ODO	T0+587s		DMI		changing speed is correctly displayed in speed dial range
182	STM updates supervision info (set 18-6)	PROF	T0+587s	connection of active DMI channel: Message-S18 with target distance = 516m	DMI		supervision info display is updated with target distance = 516m
183	speed has reached 40km/h	ODO	T0+592s		DMI		changing speed is correctly displayed in speed dial range
184	STM updates supervision info (set 19-1)	PROF	T0+592s	connection of active DMI channel: Message-S19 with target distance = 414m	DMI		supervision info display is shown with Permitted speed = 45km/h with hook only Release speed = 80km/h with digital only Intervention speed = 55km/h with wide bar width Target distance = 414m with digital only



185	speed has reached 35km/h	ODO	T0+597s		DMI		changing speed is correctly displayed in speed dial range
186	STM updates supervision info (set 19-2)	PROF	T0+597s	connection of active DMI channel: Message-S19 with target distance = 362m	DMI		supervision info display is updated with target distance = 362m
187	speed has reached 31km/h	ODO	T0+602s		DMI		changing speed is correctly displayed in speed dial range
188	STM updates supervision info (set 19-3)	PROF	T0+602s	connection of active DMI channel: Message-S19 with target distance = 316m	DMI		supervision info display is updated with target distance = 316m
189	speed has reached 26km/h	ODO	T0+607s		DMI		changing speed is correctly displayed in speed dial range
190	STM updates supervision info (set 19-4)	PROF	T0+607s	connection of active DMI channel: Message-S19 with target distance = 277m	DMI		supervision info display is updated with target distance = 277m
191	speed has reached 22km/h	ODO	T0+612s		DMI		changing speed is correctly displayed in speed dial range
192	STM updates supervision info (set 19-5)	PROF	T0+612s	connection of active DMI channel: Message-S19 with target distance = 244m	DMI		supervision info display is updated with target distance = 244m
193	speed has reached 17km/h	ODO	T0+617s		DMI		changing speed is correctly displayed in speed dial range
194	STM updates supervision info (set 19-6)	PROF	T0+617s	connection of active DMI channel: Message-S19 with target distance = 217m	DMI		supervision info display is updated with target distance = 217m

195	speed has reached 13km/h	ODO	T0+622s		DMI		changing speed is correctly displayed in speed dial range
196	STM updates supervision info (set 20-1)	PROF	T0+622s	connection of active DMI channel: Message-S20 with target distance = 117m	DMI		supervision info display is shown with Permitted speed = 18km/h with hook only Release speed = 80km/h with digital only Intervention speed = 28km/h with wide bar width Target distance = 117m with digital only
197	STM updates supervision info (set 20-2)	PROF	T0+627s	connection of active DMI channel: Message-S20 with target distance = 99m	DMI		supervision info display is updated with target distance = 99m
198	STM updates supervision info (set 21)	PROF	T0+632s	connection of active DMI channel: Message-S21	DMI		supervision info display is shown with Permitted speed = 18km/h with speed bar without hook Intervention speed = 28km/h with normal bar width
	Train is accelerating continuously in the following steps. Permitted speed increases in steps (CSM scenario)						
199	STM updates supervision info (set 22)	PROF	T0+637s	connection of active DMI channel: Message-S22	DMI		supervision info display is shown with

							Permitted speed = 54km/h with speed bar without hook Intervention speed = 64km/h with normal bar width
200	speed has reached 49km/h	ODO	T0+673s		DMI		changing speed is correctly displayed in speed dial range
201	STM updates supervision info (set 23)	PROF	T0+673s	connection of active DMI channel: Message-S23	DMI		supervision info display is shown with Permitted speed = 90km/h with speed bar without hook Intervention speed = 100km/h with normal bar width
202	speed has reached 85km/h	ODO	T0+709s		DMI		changing speed is correctly displayed in speed dial range
203	STM updates supervision info (set 24)	PROF	T0+709s	connection of active DMI channel: Message-S24	DMI		supervision info display is shown with Permitted speed = 126km/h with speed bar without hook Intervention speed = 136km/h with normal bar width
204	speed has reached 121km/h	ODO	T0+745s		DMI		changing speed is correctly displayed in speed dial

							range
205	STM updates supervision info (set 25)	PROF	T0+745s	connection of active DMI channel: Message-S25	DMI		supervision info display is shown with Permitted speed = 162km/h with speed bar without hook Intervention speed = 172km/h with normal bar width
206	speed has reached 157km/h	ODO	T0+781s		DMI		changing speed is correctly displayed in speed dial range
	Train is decelerating continuously in the following steps. Permitted speed and target speed decrease in steps (TSM scenario)						
207	STM updates supervision info (set 26-1)	PROF	T0+781s	connection of active DMI channel: Message-S26 with target distance = 1700m	DMI		supervision info display is shown with Permitted speed = 162km/h with speed bar without hook Target speed = 145km/h with speed bar without hook Intervention speed = 172km/h with normal bar width Target distance = 1700m with bar without digital
208	speed has reached 152km/h	ODO	T0+786s		DMI		changing speed is correctly displayed in speed dial



							range
209	STM updates supervision info (set 26-2)	PROF	T0+786s	connection of active DMI channel: Message-S26 with target distance = 1486m	DMI		supervision info display is updated with target distance = 1486m
210	speed has reached 148km/h	ODO	T0+791s		DMI		changing speed is correctly displayed in speed dial range
211	STM updates supervision info (set 26-3)	PROF	T0+791s	connection of active DMI channel: Message-S26 with target distance = 1278m	DMI		supervision info display is updated with target distance = 1278m
212	speed has reached 143km/h	ODO	T0+796s		DMI		changing speed is correctly displayed in speed dial range
213	STM updates supervision info (set 26-4)	PROF	T0+796s	connection of active DMI channel: Message-S26 with target distance = 1076m	DMI		supervision info display is updated with target distance = 1076m
214	speed has reached 139km/h	ODO	T0+801s		DMI		changing speed is correctly displayed in speed dial range
215	STM updates supervision info (set 26-5)	PROF	T0+801s	connection of active DMI channel: Message-S26 with target distance = 880m	DMI		supervision info display is updated with target distance = 880m
216	speed has reached 134km/h	ODO	T0+806s		DMI		changing speed is correctly displayed in speed dial range
217	STM updates supervision info (set 26-6)	PROF	T0+806s	connection of active DMI channel: Message-S26 with target distance = 691m	DMI		supervision info display is updated with target distance = 691m
218	speed has reached 130km/h	ODO	T0+811s		DMI		changing speed is correctly displayed in speed dial

							range
219	STM updates supervision info (set 26-7)	PROF	T0+811s	connection of active DMI channel: Message-S26 with target distance = 508m	DMI		supervision info display is updated with target distance = 508m
220	speed has reached 125km/h	ODO	T0+816s		DMI		changing speed is correctly displayed in speed dial range
221	STM updates supervision info (set 26-8)	PROF	T0+816s	connection of active DMI channel: Message-S26 with target distance = 331m	DMI		supervision info display is updated with target distance = 331m
222	speed has reached 121km/h	ODO	T0+821s		DMI		changing speed is correctly displayed in speed dial range
223	STM updates supervision info (set 27-1)	PROF	T0+821s	connection of active DMI channel: Message-S27 with target distance = 1300m	DMI		supervision info display is shown with Permitted speed = 126km/h with speed bar without hook Target speed = 110km/h with speed bar without hook Intervention speed = 136km/h with normal bar width Target distance = 1300m with bar without digital
224	speed has reached 116km/h	ODO	T0+826s		DMI		changing speed is correctly displayed in speed dial range
225	STM updates supervision info (set 27-2)	PROF	T0+826s	connection of active DMI	DMI		supervision info display is



				channel: Message-S27 with target distance = 1136m			updated with target distance = 1136m
226	speed has reached 112km/h	ODO	T0+831s		DMI		changing speed is correctly displayed in speed dial range
227	STM updates supervision info (set 27-3)	PROF	T0+831s	connection of active DMI channel: Message-S27 with target distance = 978m	DMI		supervision info display is updated with target distance = 978m
228	speed has reached 107km/h	ODO	T0+836s		DMI		changing speed is correctly displayed in speed dial range
229	STM updates supervision info (set 27-4)	PROF	T0+836s	connection of active DMI channel: Message-S27 with target distance = 826m	DMI		supervision info display is updated with target distance = 826m
230	speed has reached 103km/h	ODO	T0+841s		DMI		changing speed is correctly displayed in speed dial range
231	STM updates supervision info (set 27-5)	PROF	T0+841s	connection of active DMI channel: Message-S27 with target distance = 680m	DMI		supervision info display is updated with target distance = 680m
232	speed has reached 98km/h	ODO	T0+846s		DMI		changing speed is correctly displayed in speed dial range
233	STM updates supervision info (set 27-6)	PROF	T0+846s	connection of active DMI channel: Message-S27 with target distance = 541m	DMI		supervision info display is updated with target distance = 541m
234	speed has reached 94km/h	ODO	T0+851s		DMI		changing speed is correctly displayed in speed dial range
235	STM updates supervision info (set 27-7)	PROF	T0+851s	connection of active DMI	DMI		supervision info display is



				channel: Message-S27 with target distance = 408m			updated with target distance = 408m
236	speed has reached 89km/h	ODO	T0+856s		DMI		changing speed is correctly displayed in speed dial range
237	STM updates supervision info (set 27-8)	PROF	T0+856s	connection of active DMI channel: Message-S27 with target distance = 281m	DMI		supervision info display is updated with target distance = 281m
238	speed has reached 85km/h	ODO	T0+861s		DMI		changing speed is correctly displayed in speed dial range
239	STM updates supervision info (set 28-1)	PROF	T0+861s	connection of active DMI channel: Message-S28 with target distance = 900m	DMI		supervision info display is shown with Permitted speed = 90km/h with speed bar without hook Target speed = 70km/h with speed bar without hook Intervention speed = 100km/h with normal bar width Target distance = 900m with bar without digital
240	speed has reached 80km/h	ODO	T0+866s		DMI		changing speed is correctly displayed in speed dial range
241	STM updates supervision info (set 28-2)	PROF	T0+866s	connection of active DMI channel: Message-S28 with target distance = 786m	DMI		supervision info display is updated with target distance = 786m



242	speed has reached 76km/h	ODO	T0+871s		DMI		changing speed is correctly displayed in speed dial range
243	STM updates supervision info (set 28-3)	PROF	T0+871s	connection of active DMI channel: Message-S28 with target distance = 678m	DMI		supervision info display is updated with target distance = 678m
244	speed has reached 71km/h	ODO	T0+876s		DMI		changing speed is correctly displayed in speed dial range
245	STM updates supervision info (set 28-4)	PROF	T0+876s	connection of active DMI channel: Message-S28 with target distance = 576m	DMI		supervision info display is updated with target distance = 576m
246	speed has reached 67km/h	ODO	T0+881s		DMI		changing speed is correctly displayed in speed dial range
247	STM updates supervision info (set 28-5)	PROF	T0+881s	connection of active DMI channel: Message-S28 with target distance = 480m	DMI		supervision info display is updated with target distance = 480m
248	speed has reached 62km/h	ODO	T0+886s		DMI		changing speed is correctly displayed in speed dial range
249	STM updates supervision info (set 28-6)	PROF	T0+886s	connection of active DMI channel: Message-S28 with target distance = 391m	DMI		supervision info display is updated with target distance = 391m
250	speed has reached 58km/h	ODO	T0+891s		DMI		changing speed is correctly displayed in speed dial range
251	STM updates supervision info (set 28-7)	PROF	T0+891s	connection of active DMI channel: Message-S28 with target distance = 308m	DMI		supervision info display is updated with target distance = 308m



252	speed has reached 53km/h	ODO	T0+896s		DMI		changing speed is correctly displayed in speed dial range
253	STM updates supervision info (set 28-8)	PROF	T0+896s	connection of active DMI channel: Message-S28 with target distance = 231m	DMI		supervision info display is updated with target distance = 231m
254	speed has reached 49km/h	ODO	T0+901s		DMI		changing speed is correctly displayed in speed dial range
255	STM updates supervision info (set 29-1)	PROF	T0+901s	connection of active DMI channel: Message-S29 with target distance = 600m	DMI		supervision info display is shown with Permitted speed = 54km/h with speed bar without hook Target speed = 35km/h with speed bar without hook Intervention speed = 64km/h with normal bar width Target distance = 600m with bar without digital
256	speed has reached 44km/h	ODO	T0+906s		DMI		changing speed is correctly displayed in speed dial range
257	STM updates supervision info (set 29-2)	PROF	T0+906s	connection of active DMI channel: Message-S29 with target distance = 536m	DMI		supervision info display is updated with target distance = 536m
258	speed has reached 40km/h	ODO	T0+911s		DMI		changing speed is correctly displayed in speed dial



							range
259	STM updates supervision info (set 29-3)	PROF	T0+911s	connection of active DMI channel: Message-S29 with target distance = 478m	DMI		supervision info display is updated with target distance = 478m
260	speed has reached 35km/h	ODO	T0+916s		DMI		changing speed is correctly displayed in speed dial range
261	STM updates supervision info (set 29-4)	PROF	T0+916s	connection of active DMI channel: Message-S29 with target distance = 426m	DMI		supervision info display is updated with target distance = 426m
262	speed has reached 31km/h	ODO	T0+921s		DMI		changing speed is correctly displayed in speed dial range
263	STM updates supervision info (set 29-5)	PROF	T0+921s	connection of active DMI channel: Message-S29 with target distance = 380m	DMI		supervision info display is updated with target distance = 380m
264	speed has reached 26km/h	ODO	T0+926s		DMI		changing speed is correctly displayed in speed dial range
265	STM updates supervision info (set 29-6)	PROF	T0+926s	connection of active DMI channel: Message-S29 with target distance = 341m	DMI		supervision info display is updated with target distance = 341m
266	speed has reached 22km/h	ODO	T0+931s		DMI		changing speed is correctly displayed in speed dial range
267	STM updates supervision info (set 29-7)	PROF	T0+931s	connection of active DMI channel: Message-S29 with target distance = 308m	DMI		supervision info display is updated with target distance = 308m
268	speed has reached 17km/h	ODO	T0+936s		DMI		changing speed is correctly displayed in speed dial

							range
269	STM updates supervision info (set 29-8)	PROF	T0+936s	connection of active DMI channel: Message-S29 with target distance = 281m	DMI		supervision info display is updated with target distance = 281m
270	speed has reached 13km/h	ODO	T0+941s		DMI		changing speed is correctly displayed in speed dial range
271	STM updates supervision info (set 30-1)	PROF	T0+941s	connection of active DMI channel: Message-S30 with target distance = 200m	DMI		supervision info display is shown with Permitted speed = 18km/h with speed bar without hook Release speed = 9km/h with bar without digital Intervention speed = 28km/h with normal bar width Target distance = 200m with bar without digital
272	speed has reached 8km/h	ODO	T0+946s		DMI		changing speed is correctly displayed in speed dial range
273	STM updates supervision info (set 30-2)	PROF	T0+946s	connection of active DMI channel: Message-S30 with target distance = 186m	DMI		supervision info display is updated with target distance = 186m
274	speed has reached 4km/h	ODO	T0+951s		DMI		changing speed is correctly displayed in speed dial range
275	STM updates supervision info (set 30-3)	PROF	T0+951s	connection of active DMI channel: Message-S30 with	DMI		supervision info display is updated with target



				target distance = 178m			distance = 178m
276	speed has reached 0km/h	ODO	T0+956s		DMI		changing speed is correctly displayed in speed dial range
277	STM updates supervision info (set 30-4)	PROF	T0+956s	connection of active DMI channel: Message-S30 with target distance = 176m	DMI		supervision info display is updated with target distance = 176m
	Train is accelerating continuously in the following steps. Permitted speed and target speed increases in steps (scenario with increasing target speeds)						
278	STM updates supervision info (set 31-1)	PROF	T0+961s	connection of active DMI channel: Message-S31 with target distance = 200m	DMI		supervision info display is shown with Permitted speed = 28km/h with speed bar without hook Target speed = 20km/h with speed bar without hook Intervention speed = 36km/h with normal bar width Target distance = 200m with bar without digital
279	speed has reached 4km/h	ODO	T0+966s		DMI		changing speed is correctly displayed in speed dial range
280	STM updates supervision info (set 31-2)	PROF	T0+966s	connection of active DMI channel: Message-S31 with target distance = 198m	DMI		supervision info display is updated with target distance = 198m
281	speed has reached 8km/h	ODO	T0+971s		DMI		changing speed is correctly

							displayed in speed dial range
282	STM updates supervision info (set 31-3)	PROF	T0+971s	connection of active DMI channel: Message-S31 with target distance = 191m	DMI		supervision info display is updated with target distance = 191m
283	speed has reached 11km/h	ODO	T0+976s		DMI		changing speed is correctly displayed in speed dial range
284	STM updates supervision info (set 31-4)	PROF	T0+976s	connection of active DMI channel: Message-S31 with target distance = 178m	DMI		supervision info display is updated with target distance = 178m
285	speed has reached 15km/h	ODO	T0+981s		DMI		changing speed is correctly displayed in speed dial range
286	STM updates supervision info (set 32-1)	PROF	T0+981s	connection of active DMI channel: Message-S32 with target distance = 600m	DMI		supervision info display is shown with Permitted speed = 64km/h with speed bar without hook Target speed = 55km/h with speed bar without hook Intervention speed = 72km/h with normal bar width Target distance = 600m with bar without digital
287	speed has reached 19km/h	ODO	T0+986s		DMI		changing speed is correctly displayed in speed dial range



288	STM updates supervision info (set 32-2)	PROF	T0+986s	connection of active DMI channel: Message-S32 with target distance = 577m	DMI		supervision info display is updated with target distance = 577m
289	speed has reached 24km/h	ODO	T0+991s		DMI		changing speed is correctly displayed in speed dial range
290	STM updates supervision info (set 32-3)	PROF	T0+991s	connection of active DMI channel: Message-S32 with target distance = 548m	DMI		supervision info display is updated with target distance = 548m
291	speed has reached 28km/h	ODO	T0+996s		DMI		changing speed is correctly displayed in speed dial range
292	STM updates supervision info (set 32-4)	PROF	T0+996s	connection of active DMI channel: Message-S32 with target distance = 512m	DMI		supervision info display is updated with target distance = 512m
293	speed has reached 32km/h	ODO	T0+1001s		DMI		changing speed is correctly displayed in speed dial range
294	STM updates supervision info (set 32-5)	PROF	T0+1001s	connection of active DMI channel: Message-S32 with target distance = 470m	DMI		supervision info display is updated with target distance = 470m
295	speed has reached 37km/h	ODO	T0+1006s		DMI		changing speed is correctly displayed in speed dial range
296	STM updates supervision info (set 32-6)	PROF	T0+1006s	connection of active DMI channel: Message-S32 with target distance = 422m	DMI		supervision info display is updated with target distance = 422m
297	speed has reached 41km/h	ODO	T0+1011s		DMI		changing speed is correctly displayed in speed dial range

298	STM updates supervision info (set 32-7)	PROF	T0+1011s	connection of active DMI channel: Message-S32 with target distance = 368m	DMI		supervision info display is updated with target distance = 368m
299	speed has reached 46km/h	ODO	T0+1016s		DMI		changing speed is correctly displayed in speed dial range
300	STM updates supervision info (set 32-8)	PROF	T0+1016s	connection of active DMI channel: Message-S32 with target distance = 308m	DMI		supervision info display is updated with target distance = 308m
301	speed has reached 50km/h	ODO	T0+1021s		DMI		changing speed is correctly displayed in speed dial range
302	STM updates supervision info (set 33-1)	PROF	T0+1021s	connection of active DMI channel: Message-S33 with target distance = 1000m	DMI		supervision info display is shown with Permitted speed = 100km/h with speed bar without hook Target speed = 90km/h with speed bar without hook Intervention speed = 108km/h with normal bar width Target distance = 1000m with bar without digital
303	speed has reached 54km/h	ODO	T0+1026s		DMI		changing speed is correctly displayed in speed dial range
304	STM updates supervision info (set 33-2)	PROF	T0+1026s	connection of active DMI channel: Message-S33 with	DMI		supervision info display is updated with target



				target distance = 928m			distance = 928m
305	speed has reached 59km/h	ODO	T0+1031s		DMI		changing speed is correctly displayed in speed dial range
306	STM updates supervision info (set 33-3)	PROF	T0+1031s	connection of active DMI channel: Message-S33 with target distance = 850m	DMI		supervision info display is updated with target distance = 850m
307	speed has reached 63km/h	ODO	T0+1036s		DMI		changing speed is correctly displayed in speed dial range
308	STM updates supervision info (set 33-4)	PROF	T0+1036s	connection of active DMI channel: Message-S33 with target distance = 766m	DMI		supervision info display is updated with target distance = 766m
309	speed has reached 68km/h	ODO	T0+1041s		DMI		changing speed is correctly displayed in speed dial range
310	STM updates supervision info (set 33-5)	PROF	T0+1041s	connection of active DMI channel: Message-S33 with target distance = 676m	DMI		supervision info display is updated with target distance = 676m
311	speed has reached 72km/h	ODO	T0+1046s		DMI		changing speed is correctly displayed in speed dial range
312	STM updates supervision info (set 33-6)	PROF	T0+1046s	connection of active DMI channel: Message-S33 with target distance = 580m	DMI		supervision info display is updated with target distance = 580m
313	speed has reached 76km/h	ODO	T0+1051s		DMI		changing speed is correctly displayed in speed dial range
314	STM updates supervision info (set 33-7)	PROF	T0+1051s	connection of active DMI channel: Message-S33 with	DMI		supervision info display is updated with target



				target distance = 478m			distance = 478m
315	speed has reached 81km/h	ODO	T0+1056s		DMI		changing speed is correctly displayed in speed dial range
316	STM updates supervision info (set 33-8)	PROF	T0+1056s	connection of active DMI channel: Message-S33 with target distance = 370m	DMI		supervision info display is updated with target distance = 370m
317	speed has reached 85km/h	ODO	T0+1061s		DMI		changing speed is correctly displayed in speed dial range
318	STM updates supervision info (set 34-1)	PROF	T0+1061s	connection of active DMI channel: Message-S34 with target distance = 1400m	DMI		supervision info display is shown with Permitted speed = 136km/h with speed bar without hook Target speed = 125km/h with speed bar without hook Intervention speed = 144km/h with normal bar width Target distance = 1400m with bar without digital
319	speed has reached 90km/h	ODO	T0+1066s		DMI		changing speed is correctly displayed in speed dial range
320	STM updates supervision info (set 34-2)	PROF	T0+1066s	connection of active DMI channel: Message-S34 with target distance = 1279m	DMI		supervision info display is updated with target distance = 1279m
321	speed has reached 94km/h	ODO	T0+1071s		DMI		changing speed is correctly

							displayed in speed dial range
322	STM updates supervision info (set 34-3)	PROF	T0+1071s	connection of active DMI channel: Message-S34 with target distance = 1152m	DMI		supervision info display is updated with target distance = 1152m
323	speed has reached 99km/h	ODO	T0+1076s		DMI		changing speed is correctly displayed in speed dial range
324	STM updates supervision info (set 34-4)	PROF	T0+1076s	connection of active DMI channel: Message-S34 with target distance = 1018m	DMI		supervision info display is updated with target distance = 1018m
325	speed has reached 103km/h	ODO	T0+1081s		DMI		changing speed is correctly displayed in speed dial range
326	STM updates supervision info (set 34-5)	PROF	T0+1081s	connection of active DMI channel: Message-S34 with target distance = 878m	DMI		supervision info display is updated with target distance = 878m
327	speed has reached 108km/h	ODO	T0+1086s		DMI		changing speed is correctly displayed in speed dial range
328	STM updates supervision info (set 34-6)	PROF	T0+1086s	connection of active DMI channel: Message-S34 with target distance = 732m	DMI		supervision info display is updated with target distance = 732m
329	speed has reached 113km/h	ODO	T0+1091s		DMI		changing speed is correctly displayed in speed dial range
330	STM updates supervision info (set 34-7)	PROF	T0+1091s	connection of active DMI channel: Message-S34 with target distance = 579m	DMI		supervision info display is updated with target distance = 579m
331	speed has reached 117km/h	ODO	T0+1096s		DMI		changing speed is correctly

							displayed in speed dial range
332	STM updates supervision info (set 34-8)	PROF	T0+1096s	connection of active DMI channel: Message-S34 with target distance = 420m	DMI		supervision info display is updated with target distance = 420m
333	speed has reached 122km/h	ODO	T0+1101s		DMI		changing speed is correctly displayed in speed dial range
334	STM updates supervision info (set 34-9)	PROF	T0+1101s	connection of active DMI channel: Message-S34 with target distance = 255m	DMI		supervision info display is updated with target distance = 255m
335	speed has reached 126km/h	ODO	T0+1106s		DMI		changing speed is correctly displayed in speed dial range
336	STM updates supervision info (set 34-10)	PROF	T0+1106s	connection of active DMI channel: Message-S34 with target distance = 83m	DMI		supervision info display is updated with target distance = 83m
337	speed has reached 131km/h	ODO	T0+1111s		DMI		changing speed is correctly displayed in speed dial range
	Train is decelerating continuously in the following steps. Permitted speed decreases in steps (RSM scenario)						
338	STM updates supervision info (set 35-1)	PROF	T0+1111s	connection of active DMI channel: Message-S35 with target distance = 3600m	DMI		supervision info display is shown with Permitted speed = 153km/h with speed bar without hook Release speed = 80km/h with bar without digital Intervention speed =



							163km/h with normal bar width Target distance = 3600m with bar without digital
339	speed has reached 128km/h	ODO	T0+1116s		DMI		changing speed is correctly displayed in speed dial range
340	STM updates supervision info (set 35-2)	PROF	T0+1116s	connection of active DMI channel: Message-S35 with target distance = 3421m	DMI		supervision info display is updated with target distance = 3421m
341	speed has reached 124km/h	ODO	T0+1121s		DMI		changing speed is correctly displayed in speed dial range
342	STM updates supervision info (set 35-3)	PROF	T0+1121s	connection of active DMI channel: Message-S35 with target distance = 3246m	DMI		supervision info display is updated with target distance = 3246m
343	speed has reached 121km/h	ODO	T0+1126s		DMI		changing speed is correctly displayed in speed dial range
344	STM updates supervision info (set 36-1)	PROF	T0+1126s	connection of active DMI channel: Message-S36 with target distance = 2493m	DMI		supervision info display is shown with Permitted speed = 126km/h with speed bar without hook Release speed = 80km/h with bar without digital Intervention speed = 136km/h with normal bar width Target distance = 2493m



							with bar without digital
345	speed has reached 116km/h	ODO	T0+1131s		DMI		changing speed is correctly displayed in speed dial range
346	STM updates supervision info (set 36-2)	PROF	T0+1131s	connection of active DMI channel: Message-S36 with target distance = 2329m	DMI		supervision info display is updated with target distance = 2329m
347	speed has reached 112km/h	ODO	T0+1136s		DMI		changing speed is correctly displayed in speed dial range
348	STM updates supervision info (set 36-3)	PROF	T0+1136s	connection of active DMI channel: Message-S36 with target distance = 2171m	DMI		supervision info display is updated with target distance = 2171m
349	speed has reached 107km/h	ODO	T0+1141s		DMI		changing speed is correctly displayed in speed dial range
350	STM updates supervision info (set 36-4)	PROF	T0+1141s	connection of active DMI channel: Message-S36 with target distance = 2019m	DMI		supervision info display is updated with target distance = 2019m
351	speed has reached 103km/h	ODO	T0+1146s		DMI		changing speed is correctly displayed in speed dial range
352	STM updates supervision info (set 36-5)	PROF	T0+1146s	connection of active DMI channel: Message-S36 with target distance = 1873m	DMI		supervision info display is updated with target distance = 1873m
353	speed has reached 98km/h	ODO	T0+1151s		DMI		changing speed is correctly displayed in speed dial range
354	STM updates supervision info (set 36-6)	PROF	T0+1151s	connection of active DMI channel: Message-S36 with	DMI		supervision info display is updated with target



				target distance = 1734m			distance = 1734m
355	speed has reached 94km/h	ODO	T0+1156s		DMI		changing speed is correctly displayed in speed dial range
356	STM updates supervision info (set 37-1)	PROF	T0+1156s	connection of active DMI channel: Message-S37 with target distance = 1602m	DMI		supervision info display is shown with Permitted speed = 99km/h with speed bar without hook Release speed = 80km/h with bar without digital Intervention speed = 109km/h with normal bar width Target distance = 1602m with bar without digital
357	speed has reached 89km/h	ODO	T0+1161s		DMI		changing speed is correctly displayed in speed dial range
358	STM updates supervision info (set 37-2)	PROF	T0+1161s	connection of active DMI channel: Message-S37 with target distance = 1475m	DMI		supervision info display is updated with target distance = 1475m
359	speed has reached 85km/h	ODO	T0+1166s		DMI		changing speed is correctly displayed in speed dial range
360	STM updates supervision info (set 37-3)	PROF	T0+1166s	connection of active DMI channel: Message-S37 with target distance = 1354m	DMI		supervision info display is updated with target distance = 1354m
361	speed has reached 80km/h	ODO	T0+1171s		DMI		changing speed is correctly displayed in speed dial

							range
362	STM updates supervision info (set 37-4)	PROF	T0+1171s	connection of active DMI channel: Message-S37 with target distance = 1240m	DMI		supervision info display is updated with target distance = 1240m
363	speed has reached 76km/h	ODO	T0+1176s		DMI		changing speed is correctly displayed in speed dial range
364	STM updates supervision info (set 37-5)	PROF	T0+1176s	connection of active DMI channel: Message-S37 with target distance = 1132m	DMI		supervision info display is updated with target distance = 1132m
365	speed has reached 71km/h	ODO	T0+1181s		DMI		changing speed is correctly displayed in speed dial range
366	STM updates supervision info (set 37-6)	PROF	T0+1181s	connection of active DMI channel: Message-S37 with target distance = 1030m	DMI		supervision info display is updated with target distance = 1030m
367	speed has reached 67km/h	ODO	T0+1186s		DMI		changing speed is correctly displayed in speed dial range
368	STM updates supervision info (set 38-1)	PROF	T0+1186s	connection of active DMI channel: Message-S38 with target distance = 900m	DMI		supervision info display is shown with Permitted speed = 72km/h with speed bar without hook Release speed = 80km/h with bar without digital Intervention speed = 82km/h with normal bar width Target distance = 900m



							with bar without digital
369	speed has reached 62km/h	ODO	T0+1191s		DMI		changing speed is correctly displayed in speed dial range
370	STM updates supervision info (set 38-2)	PROF	T0+1191s	connection of active DMI channel: Message-S38 with target distance = 811m	DMI		supervision info display is updated with target distance = 811m
371	speed has reached 58km/h	ODO	T0+1196s		DMI		changing speed is correctly displayed in speed dial range
372	STM updates supervision info (set 38-3)	PROF	T0+1196s	connection of active DMI channel: Message-S38 with target distance = 728m	DMI		supervision info display is updated with target distance = 728m
373	speed has reached 53km/h	ODO	T0+1201s		DMI		changing speed is correctly displayed in speed dial range
374	STM updates supervision info (set 38-4)	PROF	T0+1201s	connection of active DMI channel: Message-S38 with target distance = 651m	DMI		supervision info display is updated with target distance = 651m
375	speed has reached 49km/h	ODO	T0+1206s		DMI		changing speed is correctly displayed in speed dial range
376	STM updates supervision info (set 38-5)	PROF	T0+1206s	connection of active DMI channel: Message-S38 with target distance = 580m	DMI		supervision info display is updated with target distance = 580m
377	speed has reached 44km/h	ODO	T0+1211s		DMI		changing speed is correctly displayed in speed dial range
378	STM updates supervision info (set 38-6)	PROF	T0+1211s	connection of active DMI channel: Message-S38 with	DMI		supervision info display is updated with target



				target distance = 516m			distance = 516m
379	speed has reached 40km/h	ODO	T0+1216s		DMI		changing speed is correctly displayed in speed dial range
380	STM updates supervision info (set 39-1)	PROF	T0+1216s	connection of active DMI channel: Message-S39 with target distance = 414m	DMI		supervision info display is shown with Permitted speed = 45km/h with speed bar without hook Release speed = 80km/h with bar without digital Intervention speed = 55km/h with normal bar width Target distance = 414m with bar without digital
381	speed has reached 35km/h	ODO	T0+1221s		DMI		changing speed is correctly displayed in speed dial range
382	STM updates supervision info (set 39-2)	PROF	T0+1221s	connection of active DMI channel: Message-S39 with target distance = 362m	DMI		supervision info display is updated with target distance = 362m
383	speed has reached 31km/h	ODO	T0+1226s		DMI		changing speed is correctly displayed in speed dial range
384	STM updates supervision info (set 39-3)	PROF	T0+1226s	connection of active DMI channel: Message-S39 with target distance = 316m	DMI		supervision info display is updated with target distance = 316m
385	speed has reached 26km/h	ODO	T0+1231s		DMI		changing speed is correctly displayed in speed dial

							range
386	STM updates supervision info (set 39-4)	PROF	T0+1231s	connection of active DMI channel: Message-S39 with target distance = 277m	DMI		supervision info display is updated with target distance = 277m
387	speed has reached 22km/h	ODO	T0+1236s		DMI		changing speed is correctly displayed in speed dial range
388	STM updates supervision info (set 39-5)	PROF	T0+1236s	connection of active DMI channel: Message-S39 with target distance = 244m	DMI		supervision info display is updated with target distance = 244m
389	speed has reached 17km/h	ODO	T0+1241s		DMI		changing speed is correctly displayed in speed dial range
390	STM updates supervision info (set 39-6)	PROF	T0+1241s	connection of active DMI channel: Message-S39 with target distance = 217m	DMI		supervision info display is updated with target distance = 217m
391	speed has reached 13km/h	ODO	T0+1246s		DMI		changing speed is correctly displayed in speed dial range
392	STM updates supervision info (set 40-1)	PROF	T0+1246s	connection of active DMI channel: Message-S40 with target distance = 117m	DMI		supervision info display is shown with Permitted speed = 18km/h with speed bar without hook Release speed = 80km/h with bar without digital Intervention speed = 28km/h with normal bar width Target distance = 117m

							with bar without digital
393	STM updates supervision info (set 40-2)	PROF	T0+1251s	connection of active DMI channel: Message-S40 with target distance = 99m	DMI		supervision info display is updated with target distance = 99m
394	STM updates supervision info (set 41)	PROF	T0+1256s	connection of active DMI channel: Message-S41	DMI		supervision info display is shown with Permitted speed = 18km/h with speed bar with hook Intervention speed = 28km/h with wide bar width
	Train is accelerating continuously in the following steps. Permitted speed increases in steps (CSM scenario)						
395	STM updates supervision info (set 42)	PROF	T0+1261s	connection of active DMI channel: Message-S42	DMI		supervision info display is shown with Permitted speed = 54km/h with speed bar with hook Intervention speed = 64km/h with wide bar width
396	speed has reached 49km/h	ODO	T0+1297s		DMI		changing speed is correctly displayed in speed dial range
397	STM updates supervision info (set 43)	PROF	T0+1297s	connection of active DMI channel: Message-S43	DMI		supervision info display is shown with Permitted speed = 90km/h with speed bar with hook Intervention speed = 100km/h with wide bar width

398	speed has reached 85km/h	ODO	T0+1333s		DMI		changing speed is correctly displayed in speed dial range
399	STM updates supervision info (set 44)	PROF	T0+1333s	connection of active DMI channel: Message-S44	DMI		supervision info display is shown with Permitted speed = 126km/h with speed bar with hook Intervention speed = 136km/h with wide bar width
400	speed has reached 121km/h	ODO	T0+1369s		DMI		changing speed is correctly displayed in speed dial range
401	STM updates supervision info (set 45)	PROF	T0+1369s	connection of active DMI channel: Message-S45	DMI		supervision info display is shown with Permitted speed = 162km/h with speed bar with hook Intervention speed = 172km/h with wide bar width
402	speed has reached 157km/h	ODO	T0+1405s		DMI		changing speed is correctly displayed in speed dial range
	Train is decelerating continuously in the following steps. Permitted speed and target speed decrease in steps (TSM scenario)						
403	STM updates supervision info (set 46-1)	PROF	T0+1405s	connection of active DMI channel: Message-S46 with target distance = 1700m	DMI		supervision info display is shown with Permitted speed = 162km/h with speed bar with hook



							Target speed = 145km/h with speed bar with hook Intervention speed = 172km/h with wide bar width Target distance = 1700m with bar and digital
404	speed has reached 152km/h	ODO	T0+1410s		DMI		changing speed is correctly displayed in speed dial range
405	STM updates supervision info (set 46-2)	PROF	T0+1410s	connection of active DMI channel: Message-S46 with target distance = 1486m	DMI		supervision info display is updated with target distance = 1486m
406	speed has reached 148km/h	ODO	T0+1415s		DMI		changing speed is correctly displayed in speed dial range
407	STM updates supervision info (set 46-3)	PROF	T0+1415s	connection of active DMI channel: Message-S46 with target distance = 1278m	DMI		supervision info display is updated with target distance = 1278m
408	speed has reached 143km/h	ODO	T0+1420s		DMI		changing speed is correctly displayed in speed dial range
409	STM updates supervision info (set 46-4)	PROF	T0+1420s	connection of active DMI channel: Message-S46 with target distance = 1076m	DMI		supervision info display is updated with target distance = 1076m
410	speed has reached 139km/h	ODO	T0+1425s		DMI		changing speed is correctly displayed in speed dial range
411	STM updates supervision info (set 46-5)	PROF	T0+1425s	connection of active DMI channel: Message-S46 with	DMI		supervision info display is updated with target



				target distance = 880m			distance = 880m
412	speed has reached 134km/h	ODO	T0+1430s		DMI		changing speed is correctly displayed in speed dial range
413	STM updates supervision info (set 46-6)	PROF	T0+1430s	connection of active DMI channel: Message-S46 with target distance = 691m	DMI		supervision info display is updated with target distance = 691m
414	speed has reached 130km/h	ODO	T0+1435s		DMI		changing speed is correctly displayed in speed dial range
415	STM updates supervision info (set 46-7)	PROF	T0+1435s	connection of active DMI channel: Message-S46 with target distance = 508m	DMI		supervision info display is updated with target distance = 508m
416	speed has reached 125km/h	ODO	T0+1440s		DMI		changing speed is correctly displayed in speed dial range
417	STM updates supervision info (set 46-8)	PROF	T0+1440s	connection of active DMI channel: Message-S46 with target distance = 331m	DMI		supervision info display is updated with target distance = 331m
418	speed has reached 121km/h	ODO	T0+1445s		DMI		changing speed is correctly displayed in speed dial range
419	STM updates supervision info (set 47-1)	PROF	T0+1445s	connection of active DMI channel: Message-S47 with target distance = 1300m	DMI		supervision info display is shown with Permitted speed = 126km/h with speed bar with hook Target speed = 110km/h with speed bar with hook Intervention speed = 136km/h with wide bar



							width Target distance = 1300m with bar and digital
420	speed has reached 116km/h	ODO	T0+1450s		DMI		changing speed is correctly displayed in speed dial range
421	STM updates supervision info (set 47-2)	PROF	T0+1450s	connection of active DMI channel: Message-S47 with target distance = 1136m	DMI		supervision info display is updated with target distance = 1136m
422	speed has reached 112km/h	ODO	T0+1455s		DMI		changing speed is correctly displayed in speed dial range
423	STM updates supervision info (set 47-3)	PROF	T0+1455s	connection of active DMI channel: Message-S47 with target distance = 978m	DMI		supervision info display is updated with target distance = 978m
424	speed has reached 107km/h	ODO	T0+1460s		DMI		changing speed is correctly displayed in speed dial range
425	STM updates supervision info (set 47-4)	PROF	T0+1460s	connection of active DMI channel: Message-S47 with target distance = 826m	DMI		supervision info display is updated with target distance = 826m
426	speed has reached 103km/h	ODO	T0+1465s		DMI		changing speed is correctly displayed in speed dial range
427	STM updates supervision info (set 47-5)	PROF	T0+1465s	connection of active DMI channel: Message-S47 with target distance = 680m	DMI		supervision info display is updated with target distance = 680m
428	speed has reached 98km/h	ODO	T0+1470s		DMI		changing speed is correctly displayed in speed dial range



429	STM updates supervision info (set 47-6)	PROF	T0+1470s	connection of active DMI channel: Message-S47 with target distance = 541m	DMI		supervision info display is updated with target distance = 541m
430	speed has reached 94km/h	ODO	T0+1475s		DMI		changing speed is correctly displayed in speed dial range
431	STM updates supervision info (set 47-7)	PROF	T0+1475s	connection of active DMI channel: Message-S47 with target distance = 408m	DMI		supervision info display is updated with target distance = 408m
432	speed has reached 89km/h	ODO	T0+1480s		DMI		changing speed is correctly displayed in speed dial range
433	STM updates supervision info (set 47-8)	PROF	T0+1480s	connection of active DMI channel: Message-S47 with target distance = 281m	DMI		supervision info display is updated with target distance = 281m
434	speed has reached 85km/h	ODO	T0+1485s		DMI		changing speed is correctly displayed in speed dial range
435	STM updates supervision info (set 48-1)	PROF	T0+1485s	connection of active DMI channel: Message-S48 with target distance = 900m	DMI		supervision info display is shown with Permitted speed = 90km/h with speed bar with hook Target speed = 70km/h with speed bar with hook Intervention speed = 100km/h with wide bar width Target distance = 900m with bar and digital
436	speed has reached 80km/h	ODO	T0+1490s		DMI		changing speed is correctly



							displayed in speed dial range
437	STM updates supervision info (set 48-2)	PROF	T0+1490s	connection of active DMI channel: Message-S48 with target distance = 786m	DMI		supervision info display is updated with target distance = 786m
438	speed has reached 76km/h	ODO	T0+1495s		DMI		changing speed is correctly displayed in speed dial range
439	STM updates supervision info (set 48-3)	PROF	T0+1495s	connection of active DMI channel: Message-S48 with target distance = 678m	DMI		supervision info display is updated with target distance = 678m
440	speed has reached 71km/h	ODO	T0+1500s		DMI		changing speed is correctly displayed in speed dial range
441	STM updates supervision info (set 48-4)	PROF	T0+1500s	connection of active DMI channel: Message-S48 with target distance = 576m	DMI		supervision info display is updated with target distance = 576m
442	speed has reached 67km/h	ODO	T0+1505s		DMI		changing speed is correctly displayed in speed dial range
443	STM updates supervision info (set 48-5)	PROF	T0+1505s	connection of active DMI channel: Message-S48 with target distance = 480m	DMI		supervision info display is updated with target distance = 480m
444	speed has reached 62km/h	ODO	T0+1510s		DMI		changing speed is correctly displayed in speed dial range
445	STM updates supervision info (set 48-6)	PROF	T0+1510s	connection of active DMI channel: Message-S48 with target distance = 391m	DMI		supervision info display is updated with target distance = 391m
446	speed has reached 58km/h	ODO	T0+1515s		DMI		changing speed is correctly

							displayed in speed dial range
447	STM updates supervision info (set 48-7)	PROF	T0+1515s	connection of active DMI channel: Message-S48 with target distance = 308m	DMI		supervision info display is updated with target distance = 308m
448	speed has reached 53km/h	ODO	T0+1520s		DMI		changing speed is correctly displayed in speed dial range
449	STM updates supervision info (set 48-8)	PROF	T0+1520s	connection of active DMI channel: Message-S48 with target distance = 231m	DMI		supervision info display is updated with target distance = 231m
450	speed has reached 49km/h	ODO	T0+1525s		DMI		changing speed is correctly displayed in speed dial range
451	STM updates supervision info (set 49-1)	PROF	T0+1525s	connection of active DMI channel: Message-S49 with target distance = 600m	DMI		supervision info display is shown with Permitted speed = 54km/h with speed bar with hook Target speed = 35km/h with speed bar with hook Intervention speed = 64km/h with wide bar width Target distance = 600m with bar and digital
452	speed has reached 44km/h	ODO	T0+1530s		DMI		changing speed is correctly displayed in speed dial range
453	STM updates supervision info (set 49-2)	PROF	T0+1530s	connection of active DMI channel: Message-S49 with	DMI		supervision info display is updated with target



				target distance = 536m			distance = 536m
454	speed has reached 40km/h	ODO	T0+1535s		DMI		changing speed is correctly displayed in speed dial range
455	STM updates supervision info (set 49-3)	PROF	T0+1535s	connection of active DMI channel: Message-S49 with target distance = 478m	DMI		supervision info display is updated with target distance = 478m
456	speed has reached 35km/h	ODO	T0+1540s		DMI		changing speed is correctly displayed in speed dial range
457	STM updates supervision info (set 49-4)	PROF	T0+1540s	connection of active DMI channel: Message-S49 with target distance = 426m	DMI		supervision info display is updated with target distance = 426m
458	speed has reached 31km/h	ODO	T0+1545s		DMI		changing speed is correctly displayed in speed dial range
459	STM updates supervision info (set 49-5)	PROF	T0+1545s	connection of active DMI channel: Message-S49 with target distance = 380m	DMI		supervision info display is updated with target distance = 380m
460	speed has reached 26km/h	ODO	T0+1550s		DMI		changing speed is correctly displayed in speed dial range
461	STM updates supervision info (set 49-6)	PROF	T0+1550s	connection of active DMI channel: Message-S49 with target distance = 341m	DMI		supervision info display is updated with target distance = 341m
462	speed has reached 22km/h	ODO	T0+1555s		DMI		changing speed is correctly displayed in speed dial range
463	STM updates supervision info (set 49-7)	PROF	T0+1555s	connection of active DMI channel: Message-S49 with	DMI		supervision info display is updated with target



				target distance = 308m			distance = 308m
464	speed has reached 17km/h	ODO	T0+1560s		DMI		changing speed is correctly displayed in speed dial range
465	STM updates supervision info (set 49-8)	PROF	T0+1560s	connection of active DMI channel: Message-S49 with target distance = 281m	DMI		supervision info display is updated with target distance = 281m
466	speed has reached 13km/h	ODO	T0+1565s		DMI		changing speed is correctly displayed in speed dial range
467	STM updates supervision info (set 50-1)	PROF	T0+1565s	connection of active DMI channel: Message-S50 with target distance = 200m	DMI		supervision info display is shown with Permitted speed = 18km/h with speed bar with hook Release speed = 9km/h with bar and digital Intervention speed = 28km/h with wide bar width Target distance = 200m with bar and digital
468	speed has reached 8km/h	ODO	T0+1570s		DMI		changing speed is correctly displayed in speed dial range
469	STM updates supervision info (set 50-2)	PROF	T0+1570s	connection of active DMI channel: Message-S50 with target distance = 186m	DMI		supervision info display is updated with target distance = 186m
470	speed has reached 4km/h	ODO	T0+1575s		DMI		changing speed is correctly displayed in speed dial range

471	STM updates supervision info (set 50-3)	PROF	T0+1575s	connection of active DMI channel: Message-S50 with target distance = 178m	DMI		supervision info display is updated with target distance = 178m
472	speed has reached 0km/h	ODO	T0+1580s		DMI		changing speed is correctly displayed in speed dial range
473	STM updates supervision info (set 50-4)	PROF	T0+1580s	connection of active DMI channel: Message-S50 with target distance = 176m	DMI		supervision info display is updated with target distance = 176m
	Train is accelerating continuously in the following steps. Permitted speed and target speed increases in steps (scenario with increasing target speeds)						
474	STM updates supervision info (set 51-1)	PROF	T0+1585s	connection of active DMI channel: Message-S51 with target distance = 200m	DMI		supervision info display is shown with Permitted speed = 28km/h with speed bar with hook Target speed = 20km/h with speed bar with hook Intervention speed = 36km/h with wide bar width Target distance = 200m with bar and digital
475	speed has reached 4km/h	ODO	T0+1590s		DMI		changing speed is correctly displayed in speed dial range
476	STM updates supervision info (set 51-2)	PROF	T0+1590s	connection of active DMI channel: Message-S51 with target distance = 198m	DMI		supervision info display is updated with target distance = 198m
477	speed has reached 8km/h	ODO	T0+1595s		DMI		changing speed is correctly



							displayed in speed dial range
478	STM updates supervision info (set 51-3)	PROF	T0+1595s	connection of active DMI channel: Message-S51 with target distance = 191m	DMI		supervision info display is updated with target distance = 191m
479	speed has reached 11km/h	ODO	T0+1600s		DMI		changing speed is correctly displayed in speed dial range
480	STM updates supervision info (set 51-4)	PROF	T0+1600s	connection of active DMI channel: Message-S51 with target distance = 178m	DMI		supervision info display is updated with target distance = 178m
481	speed has reached 15km/h	ODO	T0+1605s		DMI		changing speed is correctly displayed in speed dial range
482	STM updates supervision info (set 52-1)	PROF	T0+1605s	connection of active DMI channel: Message-S52 with target distance = 600m	DMI		supervision info display is shown with Permitted speed = 64km/h with speed bar with hook Target speed = 55km/h with speed bar with hook Intervention speed = 72km/h with wide bar width Target distance = 600m with bar and digital
483	speed has reached 19km/h	ODO	T0+1610s		DMI		changing speed is correctly displayed in speed dial range
484	STM updates supervision info (set 52-2)	PROF	T0+1610s	connection of active DMI channel: Message-S52 with	DMI		supervision info display is updated with target



				target distance = 577m			distance = 577m
485	speed has reached 24km/h	ODO	T0+1615s		DMI		changing speed is correctly displayed in speed dial range
486	STM updates supervision info (set 52-3)	PROF	T0+1615s	connection of active DMI channel: Message-S52 with target distance = 548m	DMI		supervision info display is updated with target distance = 548m
487	speed has reached 28km/h	ODO	T0+1620s		DMI		changing speed is correctly displayed in speed dial range
488	STM updates supervision info (set 52-4)	PROF	T0+1620s	connection of active DMI channel: Message-S52 with target distance = 512m	DMI		supervision info display is updated with target distance = 512m
489	speed has reached 32km/h	ODO	T0+1625s		DMI		changing speed is correctly displayed in speed dial range
490	STM updates supervision info (set 52-5)	PROF	T0+1625s	connection of active DMI channel: Message-S52 with target distance = 470m	DMI		supervision info display is updated with target distance = 470m
491	speed has reached 37km/h	ODO	T0+1630s		DMI		changing speed is correctly displayed in speed dial range
492	STM updates supervision info (set 52-6)	PROF	T0+1630s	connection of active DMI channel: Message-S52 with target distance = 422m	DMI		supervision info display is updated with target distance = 422m
493	speed has reached 41km/h	ODO	T0+1635s		DMI		changing speed is correctly displayed in speed dial range
494	STM updates supervision info (set 52-7)	PROF	T0+1635s	connection of active DMI channel: Message-S52 with	DMI		supervision info display is updated with target



				target distance = 368m			distance = 368m
495	speed has reached 46km/h	ODO	T0+1640s		DMI		changing speed is correctly displayed in speed dial range
496	STM updates supervision info (set 52-8)	PROF	T0+1640s	connection of active DMI channel: Message-S52 with target distance = 308m	DMI		supervision info display is updated with target distance = 308m
497	speed has reached 50km/h	ODO	T0+1645s		DMI		changing speed is correctly displayed in speed dial range
498	STM updates supervision info (set 53-1)	PROF	T0+1645s	connection of active DMI channel: Message-S53 with target distance = 1000m	DMI		supervision info display is shown with Permitted speed = 100km/h with speed bar with hook Target speed = 90km/h with speed bar with hook Intervention speed = 108km/h with wide bar width Target distance = 1000m with bar and digital
499	speed has reached 54km/h	ODO	T0+1650s		DMI		changing speed is correctly displayed in speed dial range
500	STM updates supervision info (set 53-2)	PROF	T0+1650s	connection of active DMI channel: Message-S53 with target distance = 928m	DMI		supervision info display is updated with target distance = 928m
501	speed has reached 59km/h	ODO	T0+1655s		DMI		changing speed is correctly displayed in speed dial range



502	STM updates supervision info (set 53-3)	PROF	T0+1655s	connection of active DMI channel: Message-S53 with target distance = 850m	DMI		supervision info display is updated with target distance = 850m
503	speed has reached 63km/h	ODO	T0+1660s		DMI		changing speed is correctly displayed in speed dial range
504	STM updates supervision info (set 53-4)	PROF	T0+1660s	connection of active DMI channel: Message-S53 with target distance = 766m	DMI		supervision info display is updated with target distance = 766m
505	speed has reached 68km/h	ODO	T0+1665s		DMI		changing speed is correctly displayed in speed dial range
506	STM updates supervision info (set 53-5)	PROF	T0+1665s	connection of active DMI channel: Message-S53 with target distance = 676m	DMI		supervision info display is updated with target distance = 676m
507	speed has reached 72km/h	ODO	T0+1670s		DMI		changing speed is correctly displayed in speed dial range
508	STM updates supervision info (set 53-6)	PROF	T0+1670s	connection of active DMI channel: Message-S53 with target distance = 580m	DMI		supervision info display is updated with target distance = 580m
509	speed has reached 76km/h	ODO	T0+1675s		DMI		changing speed is correctly displayed in speed dial range
510	STM updates supervision info (set 53-7)	PROF	T0+1675s	connection of active DMI channel: Message-S53 with target distance = 478m	DMI		supervision info display is updated with target distance = 478m
511	speed has reached 81km/h	ODO	T0+1680s		DMI		changing speed is correctly displayed in speed dial range



512	STM updates supervision info (set 53-8)	PROF	T0+1680s	connection of active DMI channel: Message-S53 with target distance = 370m	DMI		supervision info display is updated with target distance = 370m
513	speed has reached 85km/h	ODO	T0+1685s		DMI		changing speed is correctly displayed in speed dial range
514	STM updates supervision info (set 54-1)	PROF	T0+1685s	connection of active DMI channel: Message-S54 with target distance = 1400m	DMI		supervision info display is shown with Permitted speed = 136km/h with speed bar with hook Target speed = 125km/h with speed bar with hook Intervention speed = 144km/h with wide bar width Target distance = 1400m with bar and digital
515	speed has reached 90km/h	ODO	T0+1690s		DMI		changing speed is correctly displayed in speed dial range
516	STM updates supervision info (set 54-2)	PROF	T0+1690s	connection of active DMI channel: Message-S54 with target distance = 1279m	DMI		supervision info display is updated with target distance = 1279m
517	speed has reached 94km/h	ODO	T0+1695s		DMI		changing speed is correctly displayed in speed dial range
518	STM updates supervision info (set 54-3)	PROF	T0+1695s	connection of active DMI channel: Message-S54 with target distance = 1152m	DMI		supervision info display is updated with target distance = 1152m
519	speed has reached 99km/h	ODO	T0+1700s		DMI		changing speed is correctly

							displayed in speed dial range
520	STM updates supervision info (set 54-4)	PROF	T0+1700s	connection of active DMI channel: Message-S54 with target distance = 1018m	DMI		supervision info display is updated with target distance = 1018m
521	speed has reached 103km/h	ODO	T0+1705s		DMI		changing speed is correctly displayed in speed dial range
522	STM updates supervision info (set 54-5)	PROF	T0+1705s	connection of active DMI channel: Message-S54 with target distance = 878m	DMI		supervision info display is updated with target distance = 878m
523	speed has reached 108km/h	ODO	T0+1710s		DMI		changing speed is correctly displayed in speed dial range
524	STM updates supervision info (set 54-6)	PROF	T0+1710s	connection of active DMI channel: Message-S54 with target distance = 732m	DMI		supervision info display is updated with target distance = 732m
525	speed has reached 113km/h	ODO	T0+1715s		DMI		changing speed is correctly displayed in speed dial range
526	STM updates supervision info (set 54-7)	PROF	T0+1715s	connection of active DMI channel: Message-S54 with target distance = 579m	DMI		supervision info display is updated with target distance = 579m
527	speed has reached 117km/h	ODO	T0+1720s		DMI		changing speed is correctly displayed in speed dial range
528	STM updates supervision info (set 54-8)	PROF	T0+1720s	connection of active DMI channel: Message-S54 with target distance = 420m	DMI		supervision info display is updated with target distance = 420m
529	speed has reached 122km/h	ODO	T0+1725s		DMI		changing speed is correctly



							displayed in speed dial range
530	STM updates supervision info (set 54-9)	PROF	T0+1725s	connection of active DMI channel: Message-S54 with target distance = 255m	DMI		supervision info display is updated with target distance = 255m
531	speed has reached 126km/h	ODO	T0+1730s		DMI		changing speed is correctly displayed in speed dial range
532	STM updates supervision info (set 54-10)	PROF	T0+1730s	connection of active DMI channel: Message-S54 with target distance = 83m	DMI		supervision info display is updated with target distance = 83m
533	speed has reached 131km/h	ODO	T0+1735s		DMI		changing speed is correctly displayed in speed dial range
	Train is decelerating continuously in the following steps. Permitted speed decreases in steps (RSM scenario)						
534	STM updates supervision info (set 55-1)	PROF	T0+1735s	connection of active DMI channel: Message-S55 with target distance = 3600m	DMI		supervision info display is shown with Permitted speed = 153km/h with speed bar with hook Release speed = 80km/h with bar and digital Intervention speed = 163km/h with wide bar width Target distance = 3600m with bar and digital
535	speed has reached 128km/h	ODO	T0+1740s		DMI		changing speed is correctly displayed in speed dial range



536	STM updates supervision info (set 55-2)	PROF	T0+1740s	connection of active DMI channel: Message-S55 with target distance = 3421m	DMI		supervision info display is updated with target distance = 3421m
537	speed has reached 124km/h	ODO	T0+1745s		DMI		changing speed is correctly displayed in speed dial range
538	STM updates supervision info (set 55-3)	PROF	T0+1745s	connection of active DMI channel: Message-S55 with target distance = 3246m	DMI		supervision info display is updated with target distance = 3246m
539	speed has reached 121km/h	ODO	T0+1750s		DMI		changing speed is correctly displayed in speed dial range
540	STM updates supervision info (set 56-1)	PROF	T0+1750s	connection of active DMI channel: Message-S56 with target distance = 2493m	DMI		supervision info display is shown with Permitted speed = 126km/h with speed bar with hook Release speed = 80km/h with bar and digital Intervention speed = 136km/h with wide bar width Target distance = 2493m with bar and digital
541	speed has reached 116km/h	ODO	T0+1755s		DMI		changing speed is correctly displayed in speed dial range
542	STM updates supervision info (set 56-2)	PROF	T0+1755s	connection of active DMI channel: Message-S56 with target distance = 2329m	DMI		supervision info display is updated with target distance = 2329m
543	speed has reached 112km/h	ODO	T0+1760s		DMI		changing speed is correctly



							displayed in speed dial range
544	STM updates supervision info (set 56-3)	PROF	T0+1760s	connection of active DMI channel: Message-S56 with target distance = 2171m	DMI		supervision info display is updated with target distance = 2171m
545	speed has reached 107km/h	ODO	T0+1765s		DMI		changing speed is correctly displayed in speed dial range
546	STM updates supervision info (set 56-4)	PROF	T0+1765s	connection of active DMI channel: Message-S56 with target distance = 2019m	DMI		supervision info display is updated with target distance = 2019m
547	speed has reached 103km/h	ODO	T0+1770s		DMI		changing speed is correctly displayed in speed dial range
548	STM updates supervision info (set 56-5)	PROF	T0+1770s	connection of active DMI channel: Message-S56 with target distance = 1873m	DMI		supervision info display is updated with target distance = 1873m
549	speed has reached 98km/h	ODO	T0+1775s		DMI		changing speed is correctly displayed in speed dial range
550	STM updates supervision info (set 56-6)	PROF	T0+1775s	connection of active DMI channel: Message-S56 with target distance = 1734m	DMI		supervision info display is updated with target distance = 1734m
551	speed has reached 94km/h	ODO	T0+1780s		DMI		changing speed is correctly displayed in speed dial range
552	STM updates supervision info (set 57-1)	PROF	T0+1780s	connection of active DMI channel: Message-S57 with target distance = 1602m	DMI		supervision info display is shown with Permitted speed = 99km/h with speed bar with hook



							Release speed = 80km/h with bar and digital Intervention speed = 109km/h with wide bar width Target distance = 1602m with bar and digital
553	speed has reached 89km/h	ODO	T0+1785s		DMI		changing speed is correctly displayed in speed dial range
554	STM updates supervision info (set 57-2)	PROF	T0+1785s	connection of active DMI channel: Message-S57 with target distance = 1475m	DMI		supervision info display is updated with target distance = 1475m
555	speed has reached 85km/h	ODO	T0+1790s		DMI		changing speed is correctly displayed in speed dial range
556	STM updates supervision info (set 57-3)	PROF	T0+1790s	connection of active DMI channel: Message-S57 with target distance = 1354m	DMI		supervision info display is updated with target distance = 1354m
557	speed has reached 80km/h	ODO	T0+1795s		DMI		changing speed is correctly displayed in speed dial range
558	STM updates supervision info (set 57-4)	PROF	T0+1795s	connection of active DMI channel: Message-S57 with target distance = 1240m	DMI		supervision info display is updated with target distance = 1240m
559	speed has reached 76km/h	ODO	T0+1800s		DMI		changing speed is correctly displayed in speed dial range
560	STM updates supervision info (set 57-5)	PROF	T0+1800s	connection of active DMI channel: Message-S57 with	DMI		supervision info display is updated with target



				target distance = 1132m			distance = 1132m
561	speed has reached 71km/h	ODO	T0+1805s		DMI		changing speed is correctly displayed in speed dial range
562	STM updates supervision info (set 57-6)	PROF	T0+1805s	connection of active DMI channel: Message-S57 with target distance = 1030m	DMI		supervision info display is updated with target distance = 1030m
563	speed has reached 67km/h	ODO	T0+1810s		DMI		changing speed is correctly displayed in speed dial range
564	STM updates supervision info (set 58-1)	PROF	T0+1810s	connection of active DMI channel: Message-S58 with target distance = 900m	DMI		supervision info display is shown with Permitted speed = 72km/h with speed bar with hook Release speed = 80km/h with bar and digital Intervention speed = 82km/h with wide bar width Target distance = 900m with bar and digital
565	speed has reached 62km/h	ODO	T0+1815s		DMI		changing speed is correctly displayed in speed dial range
566	STM updates supervision info (set 58-2)	PROF	T0+1815s	connection of active DMI channel: Message-S58 with target distance = 811m	DMI		supervision info display is updated with target distance = 811m
567	speed has reached 58km/h	ODO	T0+1820s		DMI		changing speed is correctly displayed in speed dial range



568	STM updates supervision info (set 58-3)	PROF	T0+1820s	connection of active DMI channel: Message-S58 with target distance = 728m	DMI		supervision info display is updated with target distance = 728m
569	speed has reached 53km/h	ODO	T0+1825s		DMI		changing speed is correctly displayed in speed dial range
570	STM updates supervision info (set 58-4)	PROF	T0+1825s	connection of active DMI channel: Message-S58 with target distance = 651m	DMI		supervision info display is updated with target distance = 651m
571	speed has reached 49km/h	ODO	T0+1830s		DMI		changing speed is correctly displayed in speed dial range
572	STM updates supervision info (set 58-5)	PROF	T0+1830s	connection of active DMI channel: Message-S58 with target distance = 580m	DMI		supervision info display is updated with target distance = 580m
573	speed has reached 44km/h	ODO	T0+1835s		DMI		changing speed is correctly displayed in speed dial range
574	STM updates supervision info (set 58-6)	PROF	T0+1835s	connection of active DMI channel: Message-S58 with target distance = 516m	DMI		supervision info display is updated with target distance = 516m
575	speed has reached 40km/h	ODO	T0+1840s		DMI		changing speed is correctly displayed in speed dial range
576	STM updates supervision info (set 59-1)	PROF	T0+1840s	connection of active DMI channel: Message-S59 with target distance = 414m	DMI		supervision info display is shown with Permitted speed = 45km/h with speed bar with hook Release speed = 80km/h with bar and digital



							Intervention speed = 55km/h with wide bar width Target distance = 414m with bar and digital
577	speed has reached 35km/h	ODO	T0+1845s		DMI		changing speed is correctly displayed in speed dial range
578	STM updates supervision info (set 59-2)	PROF	T0+1845s	connection of active DMI channel: Message-S59 with target distance = 362m	DMI		supervision info display is updated with target distance = 362m
579	speed has reached 31km/h	ODO	T0+1850s		DMI		changing speed is correctly displayed in speed dial range
580	STM updates supervision info (set 59-3)	PROF	T0+1850s	connection of active DMI channel: Message-S59 with target distance = 316m	DMI		supervision info display is updated with target distance = 316m
581	speed has reached 26km/h	ODO	T0+1855s		DMI		changing speed is correctly displayed in speed dial range
582	STM updates supervision info (set 59-4)	PROF	T0+1855s	connection of active DMI channel: Message-S59 with target distance = 277m	DMI		supervision info display is updated with target distance = 277m
583	speed has reached 22km/h	ODO	T0+1860s		DMI		changing speed is correctly displayed in speed dial range
584	STM updates supervision info (set 59-5)	PROF	T0+1860s	connection of active DMI channel: Message-S59 with target distance = 244m	DMI		supervision info display is updated with target distance = 244m
585	speed has reached 17km/h	ODO	T0+1865s		DMI		changing speed is correctly



							displayed in speed dial range
586	STM updates supervision info (set 59-6)	PROF	T0+1865s	connection of active DMI channel: Message-S59 with target distance = 217m	DMI		supervision info display is updated with target distance = 217m
587	speed has reached 13km/h	ODO	T0+1870s		DMI		changing speed is correctly displayed in speed dial range
588	STM updates supervision info (set 60-1)	PROF	T0+1870s	connection of active DMI channel: Message-S60 with target distance = 117m	DMI		supervision info display is shown with Permitted speed = 18km/h with speed bar with hook Release speed = 80km/h with bar and digital Intervention speed = 28km/h with wide bar width Target distance = 117m with bar and digital
589	STM updates supervision info (set 60-2)	PROF	T0+1875s	connection of active DMI channel: Message-S60 with target distance = 99m	DMI		supervision info display is updated with target distance = 99m

Message-S1: STM updates supervision info (set 1)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
NID_PACKET	8	15	State report from STM (STM-15)



L_PACKET	13	25	Packet Length
NID_STMSTATE	4	7	State DA
NID_PACKET	8	43	Supervision Information from STM (STM-43)
L_PACKET	13	100	Packet Length
Q_SCALE	2	1	1m scale
V_PERMIT	10	18	18km/h
V_TARGET	7	0	0km/h
V_RELEASE	10	0	0km/h
V_INTERV	10	28	28km/h
D_TARGET	15	0	0m
M_COLOUR_SP	3	0	White
M_COLOUR_PS	3	0	White
Q_DISPLAY_PS	2	01b	Hook only
M_COLOUR_TS	3	0	White
Q_DISPLAY_TS	2	00b	No display
M_COLOUR_RS	3	0	White
Q_DISPLAY_RS	2	00b	No display
M_COLOUR_IS	3	3	Dark grey
Q_DISPLAY_IS	2	10b	wide bar width
Q_DISPLAY_TD	2	00b	No display
Padding bits	3	000b	

Message-S2: STM updates supervision info (set 2)



VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=54, VT=0, VR=0, VI=64, DT=0 MS=0(White), MP=0(White), QP=01b(Hook only), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S3: STM updates supervision info (set 3)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=90, VT=0, VR=0, VI=100, DT=0 MS=0(White), MP=0(White), QP=01b(Hook only), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S4: STM updates supervision info (set 4)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=126, VT=0, VR=0, VI=136, DT=0 MS=0(White), MP=0(White), QP=01b(Hook only), MT=0(White), QT=00b(No display),			



MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),

Message-S5: STM updates supervision info (set 5)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=162, VT=0, VR=0, VI=172, DT=0			
MS=0(White), MP=0(White), QP=01b(Hook only), MT=0(White), QT=00b(No display),			
MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S6 with target distance = <Target distance in m>: STM updates supervision info (set 6-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
NID_PACKET	8	15	State report from STM (STM-15)
L_PACKET	13	25	Packet Length
NID_STMSTATE	4	7	State DA
NID_PACKET	8	43	Supervision Information from STM (STM-43)
L_PACKET	13	100	Packet Length
Q_SCALE	2	1	1m scale
V_PERMIT	10	162	162km/h
V_TARGET	7	29	145km/h



V_RELEASE	10	0	0km/h
V_INTERV	10	172	172km/h
D_TARGET	15	<Target distance in m>	
M_COLOUR_SP	3	0	White
M_COLOUR_PS	3	0	White
Q_DISPLAY_PS	2	01b	Hook only
M_COLOUR_TS	3	2	Medium grey
Q_DISPLAY_TS	2	01b	Hook only
M_COLOUR_RS	3	0	White
Q_DISPLAY_RS	2	00b	No display
M_COLOUR_IS	3	3	Dark grey
Q_DISPLAY_IS	2	10b	wide bar width
Q_DISPLAY_TD	2	01b	Digital only
Padding bits	3	000b	

Message-S7 with target distance = <Target distance in m>: STM updates supervision info (set 7-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=126, VT=22, VR=0, VI=136, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			



Message-S8 with target distance = <Target distance in m>: STM updates supervision info (set 8-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=90, VT=14, VR=0, VI=100, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S9 with target distance = <Target distance in m>: STM updates supervision info (set 9-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=54, VT=7, VR=0, VI=64, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S10 with target distance = <Target distance in m>: STM updates supervision info (set 10-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=18, VT=0, VR=9, VI=28, DT=<Target distance in m>
 MS=0(White), MP=0(White), QP=01b(Hook only), MT=0(White), QT=00b(No display),
 MR=2(Medium grey), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),

Message-S11 with target distance = <Target distance in m>: STM updates supervision info (set 11-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=28, VT=4, VR=0, VI=36, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=01b(Hook only), MT=0(White), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S12 with target distance = <Target distance in m>: STM updates supervision info (set 12-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=64, VT=11, VR=0, VI=72, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=01b(Hook only), MT=0(White), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S13 with target distance = <Target distance in m>: STM updates supervision info (set 13-i)			
VARIABLE	Length	VALUE	COMMENT



NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=18, VR=0, VI=108, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=01b(Hook only), MT=0(White), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S14 with target distance = <Target distance in m>: STM updates supervision info (set 14-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=136, VT=25, VR=0, VI=144, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=01b(Hook only), MT=0(White), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S15: STM updates supervision info (set 15)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=153, VT=0, VR=80, VI=163, DT=3600 MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			



Message-S16 with target distance = <Target distance in m>: STM updates supervision info (set 16-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=126, VT=0, VR=80, VI=136, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S17 with target distance = <Target distance in m>: STM updates supervision info (set 17-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=99, VT=0, VR=80, VI=109, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S18 with target distance = <Target distance in m>: STM updates supervision info (set 18-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=72, VT=0, VR=80, VI=82, DT=<Target distance in m>
 MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display),
 MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),

Message-S19 with target distance = <Target distance in m>: STM updates supervision info (set 19-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=45, VT=0, VR=80, VI=55, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S20 with target distance = <Target distance in m>: STM updates supervision info (set 20-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=18, VT=0, VR=80, VI=28, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S21: STM updates supervision info (set 21)			
VARIABLE	Length	VALUE	COMMENT



NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=18, VT=0, VR=0, VI=28, DT=0 MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=00b(No display),			

Message-S22: STM updates supervision info (set 22)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=54, VT=0, VR=0, VI=64, DT=0 MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=00b(No display),			

Message-S23: STM updates supervision info (set 23)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=90, VT=0, VR=0, VI=100, DT=0 MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=00b(No display),			



Message-S24: STM updates supervision info (set 24)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=126, VT=0, VR=0, VI=136, DT=0 MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=00b(No display),			

Message-S25: STM updates supervision info (set 25)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=162, VT=0, VR=0, VI=172, DT=0 MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=00b(No display),			

Message-S26 with target distance = <Target distance in m>: STM updates supervision info (set 26-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=162, VT=29, VR=0, VI=172, DT=<Target distance in m>
 MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=10b(Speed bar without hook),
 MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),

Message-S27 with target distance = <Target distance in m>: STM updates supervision info (set 27-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=126, VT=22, VR=0, VI=136, DT=<Target distance in m>
 MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=10b(Speed bar without hook),
 MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),

Message-S28 with target distance = <Target distance in m>: STM updates supervision info (set 28-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=90, VT=14, VR=0, VI=100, DT=<Target distance in m>
 MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=10b(Speed bar without hook),
 MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),

Message-S29 with target distance = <Target distance in m>: STM updates supervision info (set 29-i)			
VARIABLE	Length	VALUE	COMMENT



NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=54, VT=7, VR=0, VI=64, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S30 with target distance = <Target distance in m>: STM updates supervision info (set 30-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=18, VT=0, VR=9, VI=28, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display), MR=2(Medium grey), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S31 with target distance = <Target distance in m>: STM updates supervision info (set 31-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=28, VT=4, VR=0, VI=36, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=10b(Speed bar without hook), MT=0(White), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			



Message-S32 with target distance = <Target distance in m>: STM updates supervision info (set 32-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=64, VT=11, VR=0, VI=72, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=10b(Speed bar without hook), MT=0(White), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S33 with target distance = <Target distance in m>: STM updates supervision info (set 33-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=18, VR=0, VI=108, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=10b(Speed bar without hook), MT=0(White), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S34 with target distance = <Target distance in m>: STM updates supervision info (set 34-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=136, VT=25, VR=0, VI=144, DT=<Target distance in m>
 MS=0(White), MP=3(Dark grey), QP=10b(Speed bar without hook), MT=0(White), QT=10b(Speed bar without hook),
 MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=01b(Normal bar width), QD=10b(Bar without digital),

Message-S35: STM updates supervision info (set 35)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=153, VT=0, VR=80, VI=163, DT=3600 MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S36 with target distance = <Target distance in m>: STM updates supervision info (set 36-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=126, VT=0, VR=80, VI=136, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S37 with target distance = <Target distance in m>: STM updates supervision info (set 37-i)			
VARIABLE	Length	VALUE	COMMENT



NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=99, VT=0, VR=80, VI=109, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S38 with target distance = <Target distance in m>: STM updates supervision info (set 38-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=72, VT=0, VR=80, VI=82, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S39 with target distance = <Target distance in m>: STM updates supervision info (set 39-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=45, VT=0, VR=80, VI=55, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			



Message-S40 with target distance = <Target distance in m>: STM updates supervision info (set 40-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=18, VT=0, VR=80, VI=28, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S41: STM updates supervision info (set 41)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=18, VT=0, VR=0, VI=28, DT=0 MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S42: STM updates supervision info (set 42)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=54, VT=0, VR=0, VI=64, DT=0

MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display),

MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),

Message-S43: STM updates supervision info (set 43)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=90, VT=0, VR=0, VI=100, DT=0

MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display),

MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),

Message-S44: STM updates supervision info (set 44)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=126, VT=0, VR=0, VI=136, DT=0

MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display),

MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),

Message-S45: STM updates supervision info (set 45)

VARIABLE	Length	VALUE	COMMENT
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NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=162, VT=0, VR=0, VI=172, DT=0 MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S46 with target distance = <Target distance in m>: STM updates supervision info (set 46-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=162, VT=29, VR=0, VI=172, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S47 with target distance = <Target distance in m>: STM updates supervision info (set 47-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=126, VT=22, VR=0, VI=136, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			



Message-S48 with target distance = <Target distance in m>: STM updates supervision info (set 48-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=90, VT=14, VR=0, VI=100, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S49 with target distance = <Target distance in m>: STM updates supervision info (set 49-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=54, VT=7, VR=0, VI=64, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S50 with target distance = <Target distance in m>: STM updates supervision info (set 50-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=18, VT=0, VR=9, VI=28, DT=<Target distance in m>
 MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display),
 MR=2(Medium grey), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),

Message-S51 with target distance = <Target distance in m>: STM updates supervision info (set 51-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=28, VT=4, VR=0, VI=36, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=11b(Speed bar with hook), MT=0(White), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S52 with target distance = <Target distance in m>: STM updates supervision info (set 52-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=64, VT=11, VR=0, VI=72, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=11b(Speed bar with hook), MT=0(White), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S53 with target distance = <Target distance in m>: STM updates supervision info (set 53-i)			
VARIABLE	Length	VALUE	COMMENT



NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=18, VR=0, VI=108, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=11b(Speed bar with hook), MT=0(White), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S54 with target distance = <Target distance in m>: STM updates supervision info (set 54-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=136, VT=25, VR=0, VI=144, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=11b(Speed bar with hook), MT=0(White), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S55: STM updates supervision info (set 55)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=153, VT=0, VR=80, VI=163, DT=3600 MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			



Message-S56 with target distance = <Target distance in m>: STM updates supervision info (set 56-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=126, VT=0, VR=80, VI=136, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S57 with target distance = <Target distance in m>: STM updates supervision info (set 57-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=99, VT=0, VR=80, VI=109, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S58 with target distance = <Target distance in m>: STM updates supervision info (set 58-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=72, VT=0, VR=80, VI=82, DT=<Target distance in m>
MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display),
MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),

Message-S59 with target distance = <Target distance in m>: STM updates supervision info (set 59-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=45, VT=0, VR=80, VI=55, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S60 with target distance = <Target distance in m>: STM updates supervision info (set 60-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=18, VT=0, VR=80, VI=28, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

2.6.4 Test Case 7f.4

TEST CASE HEADER	
Test case identification	DMI Function
	<p>7f1.0.2.3.X.0.0.((7f2.0.1.(7f3.0.1.1.1.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))* ((7f2.0.1.(7f3.0.2.2.3.0.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))*.</p> <p>((7f2.0.1.(7f3.0.2.2.3.2.3.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))* ((7f2.0.1.(7f3.0.2.2.1.0.0).0.(7f4.0.1.2.4.3.3.0).1.1.0))*.</p> <p>((7f2.0.1.(7f3.0.2.2.3.2.3.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))* ((7f2.0.1.(7f3.0.2.2.3.2.3.0).0.(7f4.0.1.2.1.3.4.0).1.2.0))*.</p> <p>((7f2.0.1.(7f3.0.1.1.1.0).0.(7f4.0.1.3.1.2.4.0).3.1.0))* ((7f2.0.1.(7f3.0.3.3.3.0.0).0.(7f4.0.2.3.1.2.4.0).3.1.0))*.</p> <p>((7f2.0.1.(7f3.0.3.3.3.3.0).0.(7f4.0.2.3.1.2.4.0).4.1.0))* ((7f2.0.1.(7f3.0.3.3.1.0.0).0.(7f4.0.2.3.4.2.3.0).3.1.0))*.</p> <p>((7f2.0.1.(7f3.0.3.3.3.3.0).0.(7f4.0.2.3.1.2.4.0).4.1.0))* ((7f2.0.1.(7f3.0.3.3.3.3.0).0.(7f4.0.2.3.1.2.4.0).5.2.0))*.</p> <p>((7f2.0.1.(7f3.0.1.1.1.0).0.(7f4.0.1.4.1.3.4.0).3.1.0))* ((7f2.0.1.(7f3.0.4.4.3.0.0).0.(7f4.0.2.4.1.3.4.0).3.1.0))*.</p> <p>((7f2.0.1.(7f3.0.4.4.3.4.3.0).0.(7f4.0.2.4.1.3.4.0).4.1.0))* ((7f2.0.1.(7f3.0.4.4.1.0.0).0.(7f4.0.2.4.4.3.3.0).3.1.0))*.</p> <p>((7f2.0.1.(7f3.0.4.4.3.4.3.0).0.(7f4.0.2.4.1.3.4.0).4.1.0))* ((7f2.0.1.(7f3.0.4.4.3.4.3.0).0.(7f4.0.2.4.1.3.4.0).5.2.0))*.</p>
	X=1,2,3 or 4 depending on configured ETCS speed dial range.
	<p>Test for display of speed and distance supervision information with STM speed dial range configured as 250km/h:</p> <p>Supervision info is shown in all possible display modes with increasing and decreasing speeds values to demonstrate correct display in circular speed gauge for STM speed dial range.</p>
ERTMS/ETCS on-board requirements tested	SUBSET-035 13.4.6.4
	ERA ERTMS 015560 (DMI Spec) 9.3.7.1, 9.3.7.1.1, 9.3.7.1.2, 9.3.7.1.3, 9.3.7.1.4, 9.3.7.1.5 a),b),c), 9.3.7.1.6, 9.3.7.1.7, 9.3.7.1.8, 9.3.7.1.8 a)-j), 9.3.7.1.9, 9.5.2.4
STM requirements tested	
Packets transmitted via FFFIS STM	STM-15, STM-43
ERTMS/ETCS on-board configuration	Customisable DMI with configuration 7a.7

Comments and constraints	Starting and end conditions as for test case 7f.2
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ERTMS/ETCS on-board Test Case

Step	Description/Comments	Input I/F	Input time	Input Action	Output I/F	Output time limit	Output action
	Train is accelerating continuously in the following steps. Permitted speed increases in steps (CSM scenario)						
1	STM updates supervision info (set 1)	PROF	T0	connection of active DMI channel: Message-S1	DMI		supervision info display is shown with Permitted speed = 25km/h with hook only Intervention speed = 35km/h with wide bar width
2	speed has reached 20km/h	ODO	T0+20s		DMI		changing speed is correctly displayed in speed dial range
3	STM updates supervision info (set 2)	PROF	T0+20s	connection of active DMI channel: Message-S2	DMI		supervision info display is shown with Permitted speed = 75km/h with hook only Intervention speed = 85km/h with wide bar width
4	speed has reached 70km/h	ODO	T0+70s		DMI		changing speed is correctly displayed in speed dial range
5	STM updates supervision info (set 3)	PROF	T0+70s	connection of active DMI channel: Message-S3	DMI		supervision info display is shown with



							Permitted speed = 125km/h with hook only Intervention speed = 135km/h with wide bar width
6	speed has reached 120km/h	ODO	T0+120s		DMI		changing speed is correctly displayed in speed dial range
7	STM updates supervision info (set 4)	PROF	T0+120s	connection of active DMI channel: Message-S4	DMI		supervision info display is shown with Permitted speed = 175km/h with hook only Intervention speed = 185km/h with wide bar width
8	speed has reached 170km/h	ODO	T0+170s		DMI		changing speed is correctly displayed in speed dial range
9	STM updates supervision info (set 5)	PROF	T0+170s	connection of active DMI channel: Message-S5	DMI		supervision info display is shown with Permitted speed = 225km/h with hook only Intervention speed = 235km/h with wide bar width
10	speed has reached 220km/h	ODO	T0+220s		DMI		changing speed is correctly displayed in speed dial range
	Train is decelerating continuously in the following steps. Permitted speed and target speed decrease in steps (TSM						

	scenario)						
11	STM updates supervision info (set 6-1)	PROF	T0+220s	connection of active DMI channel: Message-S6 with target distance = 3100m	DMI		supervision info display is shown with Permitted speed = 225km/h with hook only Target speed = 200km/h with hook only Intervention speed = 235km/h with wide bar width Target distance = 3100m with digital only
12	speed has reached 215km/h	ODO	T0+225s		DMI		changing speed is correctly displayed in speed dial range
13	STM updates supervision info (set 6-2)	PROF	T0+225s	connection of active DMI channel: Message-S6 with target distance = 2798m	DMI		supervision info display is updated with target distance = 2798m
14	speed has reached 211km/h	ODO	T0+230s		DMI		changing speed is correctly displayed in speed dial range
15	STM updates supervision info (set 6-3)	PROF	T0+230s	connection of active DMI channel: Message-S6 with target distance = 2502m	DMI		supervision info display is updated with target distance = 2502m
16	speed has reached 206km/h	ODO	T0+235s		DMI		changing speed is correctly displayed in speed dial range
17	STM updates supervision info (set 6-4)	PROF	T0+235s	connection of active DMI channel: Message-S6 with target distance = 2213m	DMI		supervision info display is updated with target distance = 2213m



18	speed has reached 202km/h	ODO	T0+240s		DMI		changing speed is correctly displayed in speed dial range
19	STM updates supervision info (set 6-5)	PROF	T0+240s	connection of active DMI channel: Message-S6 with target distance = 1930m	DMI		supervision info display is updated with target distance = 1930m
20	speed has reached 197km/h	ODO	T0+245s		DMI		changing speed is correctly displayed in speed dial range
21	STM updates supervision info (set 6-6)	PROF	T0+245s	connection of active DMI channel: Message-S6 with target distance = 1653m	DMI		supervision info display is updated with target distance = 1653m
22	speed has reached 193km/h	ODO	T0+250s		DMI		changing speed is correctly displayed in speed dial range
23	STM updates supervision info (set 6-7)	PROF	T0+250s	connection of active DMI channel: Message-S6 with target distance = 1383m	DMI		supervision info display is updated with target distance = 1383m
24	speed has reached 188km/h	ODO	T0+255s		DMI		changing speed is correctly displayed in speed dial range
25	STM updates supervision info (set 6-8)	PROF	T0+255s	connection of active DMI channel: Message-S6 with target distance = 1119m	DMI		supervision info display is updated with target distance = 1119m
26	speed has reached 184km/h	ODO	T0+260s		DMI		changing speed is correctly displayed in speed dial range
27	STM updates supervision info (set 6-9)	PROF	T0+260s	connection of active DMI channel: Message-S6 with target distance = 861m	DMI		supervision info display is updated with target distance = 861m



28	speed has reached 179km/h	ODO	T0+265s		DMI		changing speed is correctly displayed in speed dial range
29	STM updates supervision info (set 6-10)	PROF	T0+265s	connection of active DMI channel: Message-S6 with target distance = 610m	DMI		supervision info display is updated with target distance = 610m
30	speed has reached 175km/h	ODO	T0+270s		DMI		changing speed is correctly displayed in speed dial range
31	STM updates supervision info (set 6-11)	PROF	T0+270s	connection of active DMI channel: Message-S6 with target distance = 365m	DMI		supervision info display is updated with target distance = 365m
32	speed has reached 170km/h	ODO	T0+275s		DMI		changing speed is correctly displayed in speed dial range
33	STM updates supervision info (set 7-1)	PROF	T0+275s	connection of active DMI channel: Message-S7 with target distance = 2400m	DMI		supervision info display is shown with Permitted speed = 175km/h with hook only Target speed = 150km/h with hook only Intervention speed = 185km/h with wide bar width Target distance = 2400m with digital only
34	speed has reached 165km/h	ODO	T0+280s		DMI		changing speed is correctly displayed in speed dial range
35	STM updates supervision info (set 7-2)	PROF	T0+280s	connection of active DMI	DMI		supervision info display is



				channel: Message-S7 with target distance = 2168m			updated with target distance = 2168m
36	speed has reached 161km/h	ODO	T0+285s		DMI		changing speed is correctly displayed in speed dial range
37	STM updates supervision info (set 7-3)	PROF	T0+285s	connection of active DMI channel: Message-S7 with target distance = 1942m	DMI		supervision info display is updated with target distance = 1942m
38	speed has reached 156km/h	ODO	T0+290s		DMI		changing speed is correctly displayed in speed dial range
39	STM updates supervision info (set 7-4)	PROF	T0+290s	connection of active DMI channel: Message-S7 with target distance = 1722m	DMI		supervision info display is updated with target distance = 1722m
40	speed has reached 152km/h	ODO	T0+295s		DMI		changing speed is correctly displayed in speed dial range
41	STM updates supervision info (set 7-5)	PROF	T0+295s	connection of active DMI channel: Message-S7 with target distance = 1508m	DMI		supervision info display is updated with target distance = 1508m
42	speed has reached 147km/h	ODO	T0+300s		DMI		changing speed is correctly displayed in speed dial range
43	STM updates supervision info (set 7-6)	PROF	T0+300s	connection of active DMI channel: Message-S7 with target distance = 1301m	DMI		supervision info display is updated with target distance = 1301m
44	speed has reached 143km/h	ODO	T0+305s		DMI		changing speed is correctly displayed in speed dial range
45	STM updates supervision info (set 7-7)	PROF	T0+305s	connection of active DMI	DMI		supervision info display is



				channel: Message-S7 with target distance = 1100m			updated with target distance = 1100m
46	speed has reached 138km/h	ODO	T0+310s		DMI		changing speed is correctly displayed in speed dial range
47	STM updates supervision info (set 7-8)	PROF	T0+310s	connection of active DMI channel: Message-S7 with target distance = 905m	DMI		supervision info display is updated with target distance = 905m
48	speed has reached 134km/h	ODO	T0+315s		DMI		changing speed is correctly displayed in speed dial range
49	STM updates supervision info (set 7-9)	PROF	T0+315s	connection of active DMI channel: Message-S7 with target distance = 717m	DMI		supervision info display is updated with target distance = 717m
50	speed has reached 129km/h	ODO	T0+320s		DMI		changing speed is correctly displayed in speed dial range
51	STM updates supervision info (set 7-10)	PROF	T0+320s	connection of active DMI channel: Message-S7 with target distance = 535m	DMI		supervision info display is updated with target distance = 535m
52	speed has reached 125km/h	ODO	T0+325s		DMI		changing speed is correctly displayed in speed dial range
53	STM updates supervision info (set 7-11)	PROF	T0+325s	connection of active DMI channel: Message-S7 with target distance = 359m	DMI		supervision info display is updated with target distance = 359m
54	speed has reached 120km/h	ODO	T0+330s		DMI		changing speed is correctly displayed in speed dial range
55	STM updates supervision info (set 8-1)	PROF	T0+330s	connection of active DMI	DMI		supervision info display is



				channel: Message-S8 with target distance = 1700m			shown with Permitted speed = 125km/h with hook only Target speed = 100km/h with hook only Intervention speed = 135km/h with wide bar width Target distance = 1700m with digital only
56	speed has reached 115km/h	ODO	T0+335s		DMI		changing speed is correctly displayed in speed dial range
57	STM updates supervision info (set 8-2)	PROF	T0+335s	connection of active DMI channel: Message-S8 with target distance = 1537m	DMI		supervision info display is updated with target distance = 1537m
58	speed has reached 111km/h	ODO	T0+340s		DMI		changing speed is correctly displayed in speed dial range
59	STM updates supervision info (set 8-3)	PROF	T0+340s	connection of active DMI channel: Message-S8 with target distance = 1380m	DMI		supervision info display is updated with target distance = 1380m
60	speed has reached 106km/h	ODO	T0+345s		DMI		changing speed is correctly displayed in speed dial range
61	STM updates supervision info (set 8-4)	PROF	T0+345s	connection of active DMI channel: Message-S8 with target distance = 1230m	DMI		supervision info display is updated with target distance = 1230m
62	speed has reached 102km/h	ODO	T0+350s		DMI		changing speed is correctly displayed in speed dial



							range
63	STM updates supervision info (set 8-5)	PROF	T0+350s	connection of active DMI channel: Message-S8 with target distance = 1086m	DMI		supervision info display is updated with target distance = 1086m
64	speed has reached 97km/h	ODO	T0+355s		DMI		changing speed is correctly displayed in speed dial range
65	STM updates supervision info (set 8-6)	PROF	T0+355s	connection of active DMI channel: Message-S8 with target distance = 948m	DMI		supervision info display is updated with target distance = 948m
66	speed has reached 93km/h	ODO	T0+360s		DMI		changing speed is correctly displayed in speed dial range
67	STM updates supervision info (set 8-7)	PROF	T0+360s	connection of active DMI channel: Message-S8 with target distance = 817m	DMI		supervision info display is updated with target distance = 817m
68	speed has reached 88km/h	ODO	T0+365s		DMI		changing speed is correctly displayed in speed dial range
69	STM updates supervision info (set 8-8)	PROF	T0+365s	connection of active DMI channel: Message-S8 with target distance = 692m	DMI		supervision info display is updated with target distance = 692m
70	speed has reached 84km/h	ODO	T0+370s		DMI		changing speed is correctly displayed in speed dial range
71	STM updates supervision info (set 8-9)	PROF	T0+370s	connection of active DMI channel: Message-S8 with target distance = 573m	DMI		supervision info display is updated with target distance = 573m
72	speed has reached 79km/h	ODO	T0+375s		DMI		changing speed is correctly displayed in speed dial

							range
73	STM updates supervision info (set 8-10)	PROF	T0+375s	connection of active DMI channel: Message-S8 with target distance = 460m	DMI		supervision info display is updated with target distance = 460m
74	speed has reached 75km/h	ODO	T0+380s		DMI		changing speed is correctly displayed in speed dial range
75	STM updates supervision info (set 8-11)	PROF	T0+380s	connection of active DMI channel: Message-S8 with target distance = 354m	DMI		supervision info display is updated with target distance = 354m
76	speed has reached 70km/h	ODO	T0+385s		DMI		changing speed is correctly displayed in speed dial range
77	STM updates supervision info (set 9-1)	PROF	T0+385s	connection of active DMI channel: Message-S9 with target distance = 1000m	DMI		supervision info display is shown with Permitted speed = 75km/h with hook only Target speed = 50km/h with hook only Intervention speed = 85km/h with wide bar width Target distance = 1000m with digital only
78	speed has reached 65km/h	ODO	T0+390s		DMI		changing speed is correctly displayed in speed dial range
79	STM updates supervision info (set 9-2)	PROF	T0+390s	connection of active DMI channel: Message-S9 with target distance = 906m	DMI		supervision info display is updated with target distance = 906m



80	speed has reached 61km/h	ODO	T0+395s		DMI		changing speed is correctly displayed in speed dial range
81	STM updates supervision info (set 9-3)	PROF	T0+395s	connection of active DMI channel: Message-S9 with target distance = 819m	DMI		supervision info display is updated with target distance = 819m
82	speed has reached 56km/h	ODO	T0+400s		DMI		changing speed is correctly displayed in speed dial range
83	STM updates supervision info (set 9-4)	PROF	T0+400s	connection of active DMI channel: Message-S9 with target distance = 738m	DMI		supervision info display is updated with target distance = 738m
84	speed has reached 52km/h	ODO	T0+405s		DMI		changing speed is correctly displayed in speed dial range
85	STM updates supervision info (set 9-5)	PROF	T0+405s	connection of active DMI channel: Message-S9 with target distance = 663m	DMI		supervision info display is updated with target distance = 663m
86	speed has reached 47km/h	ODO	T0+410s		DMI		changing speed is correctly displayed in speed dial range
87	STM updates supervision info (set 9-6)	PROF	T0+410s	connection of active DMI channel: Message-S9 with target distance = 595m	DMI		supervision info display is updated with target distance = 595m
88	speed has reached 43km/h	ODO	T0+415s		DMI		changing speed is correctly displayed in speed dial range
89	STM updates supervision info (set 9-7)	PROF	T0+415s	connection of active DMI channel: Message-S9 with target distance = 533m	DMI		supervision info display is updated with target distance = 533m



90	speed has reached 38km/h	ODO	T0+420s		DMI		changing speed is correctly displayed in speed dial range
91	STM updates supervision info (set 9-8)	PROF	T0+420s	connection of active DMI channel: Message-S9 with target distance = 477m	DMI		supervision info display is updated with target distance = 477m
92	speed has reached 34km/h	ODO	T0+425s		DMI		changing speed is correctly displayed in speed dial range
93	STM updates supervision info (set 9-9)	PROF	T0+425s	connection of active DMI channel: Message-S9 with target distance = 428m	DMI		supervision info display is updated with target distance = 428m
94	speed has reached 29km/h	ODO	T0+430s		DMI		changing speed is correctly displayed in speed dial range
95	STM updates supervision info (set 9-10)	PROF	T0+430s	connection of active DMI channel: Message-S9 with target distance = 385m	DMI		supervision info display is updated with target distance = 385m
96	speed has reached 25km/h	ODO	T0+435s		DMI		changing speed is correctly displayed in speed dial range
97	STM updates supervision info (set 9-11)	PROF	T0+435s	connection of active DMI channel: Message-S9 with target distance = 348m	DMI		supervision info display is updated with target distance = 348m
98	speed has reached 20km/h	ODO	T0+440s		DMI		changing speed is correctly displayed in speed dial range
99	STM updates supervision info (set 10-1)	PROF	T0+440s	connection of active DMI channel: Message-S10 with target distance = 300m	DMI		supervision info display is shown with Permitted speed = 25km/h



							with hook only Release speed = 12km/h with digital only Intervention speed = 35km/h with wide bar width Target distance = 300m with digital only
100	speed has reached 16km/h	ODO	T0+445s		DMI		changing speed is correctly displayed in speed dial range
101	STM updates supervision info (set 10-2)	PROF	T0+445s	connection of active DMI channel: Message-S10 with target distance = 276m	DMI		supervision info display is updated with target distance = 276m
102	speed has reached 12km/h	ODO	T0+450s		DMI		changing speed is correctly displayed in speed dial range
103	STM updates supervision info (set 10-3)	PROF	T0+450s	connection of active DMI channel: Message-S10 with target distance = 257m	DMI		supervision info display is updated with target distance = 257m
104	speed has reached 8km/h	ODO	T0+455s		DMI		changing speed is correctly displayed in speed dial range
105	STM updates supervision info (set 10-4)	PROF	T0+455s	connection of active DMI channel: Message-S10 with target distance = 244m	DMI		supervision info display is updated with target distance = 244m
106	speed has reached 3km/h	ODO	T0+460s		DMI		changing speed is correctly displayed in speed dial range
107	STM updates supervision info (set 10-5)	PROF	T0+460s	connection of active DMI	DMI		supervision info display is



				channel: Message-S10 with target distance = 237m			updated with target distance = 237m
108	speed has reached 0km/h	ODO	T0+465s		DMI		changing speed is correctly displayed in speed dial range
109	STM updates supervision info (set 10-6)	PROF	T0+465s	connection of active DMI channel: Message-S10 with target distance = 236m	DMI		supervision info display is updated with target distance = 236m
	Train is accelerating continuously in the following steps. Permitted speed and target speed increases in steps (scenario with increasing target speeds)						
110	STM updates supervision info (set 11-1)	PROF	T0+470s	connection of active DMI channel: Message-S11 with target distance = 400m	DMI		supervision info display is shown with Permitted speed = 35km/h with hook only Target speed = 25km/h with hook only Intervention speed = 50km/h with wide bar width Target distance = 400m with digital only
111	speed has reached 4km/h	ODO	T0+475s		DMI		changing speed is correctly displayed in speed dial range
112	STM updates supervision info (set 11-2)	PROF	T0+475s	connection of active DMI channel: Message-S11 with target distance = 398m	DMI		supervision info display is updated with target distance = 398m
113	speed has reached 8km/h	ODO	T0+480s		DMI		changing speed is correctly displayed in speed dial

							range
114	STM updates supervision info (set 11-3)	PROF	T0+480s	connection of active DMI channel: Message-S11 with target distance = 390m	DMI		supervision info display is updated with target distance = 390m
115	speed has reached 12km/h	ODO	T0+485s		DMI		changing speed is correctly displayed in speed dial range
116	STM updates supervision info (set 11-4)	PROF	T0+485s	connection of active DMI channel: Message-S11 with target distance = 377m	DMI		supervision info display is updated with target distance = 377m
117	speed has reached 16km/h	ODO	T0+490s		DMI		changing speed is correctly displayed in speed dial range
118	STM updates supervision info (set 11-5)	PROF	T0+490s	connection of active DMI channel: Message-S11 with target distance = 358m	DMI		supervision info display is updated with target distance = 358m
119	speed has reached 20km/h	ODO	T0+495s		DMI		changing speed is correctly displayed in speed dial range
120	STM updates supervision info (set 12-1)	PROF	T0+495s	connection of active DMI channel: Message-S12 with target distance = 1100m	DMI		supervision info display is shown with Permitted speed = 85km/h with hook only Target speed = 75km/h with hook only Intervention speed = 100km/h with wide bar width Target distance = 1100m with digital only



121	speed has reached 25km/h	ODO	T0+500s		DMI		changing speed is correctly displayed in speed dial range
122	STM updates supervision info (set 12-2)	PROF	T0+500s	connection of active DMI channel: Message-S12 with target distance = 1070m	DMI		supervision info display is updated with target distance = 1070m
123	speed has reached 29km/h	ODO	T0+505s		DMI		changing speed is correctly displayed in speed dial range
124	STM updates supervision info (set 12-3)	PROF	T0+505s	connection of active DMI channel: Message-S12 with target distance = 1033m	DMI		supervision info display is updated with target distance = 1033m
125	speed has reached 34km/h	ODO	T0+510s		DMI		changing speed is correctly displayed in speed dial range
126	STM updates supervision info (set 12-4)	PROF	T0+510s	connection of active DMI channel: Message-S12 with target distance = 990m	DMI		supervision info display is updated with target distance = 990m
127	speed has reached 38km/h	ODO	T0+515s		DMI		changing speed is correctly displayed in speed dial range
128	STM updates supervision info (set 12-5)	PROF	T0+515s	connection of active DMI channel: Message-S12 with target distance = 941m	DMI		supervision info display is updated with target distance = 941m
129	speed has reached 43km/h	ODO	T0+520s		DMI		changing speed is correctly displayed in speed dial range
130	STM updates supervision info (set 12-6)	PROF	T0+520s	connection of active DMI channel: Message-S12 with target distance = 885m	DMI		supervision info display is updated with target distance = 885m



131	speed has reached 47km/h	ODO	T0+525s		DMI		changing speed is correctly displayed in speed dial range
132	STM updates supervision info (set 12-7)	PROF	T0+525s	connection of active DMI channel: Message-S12 with target distance = 823m	DMI		supervision info display is updated with target distance = 823m
133	speed has reached 52km/h	ODO	T0+530s		DMI		changing speed is correctly displayed in speed dial range
134	STM updates supervision info (set 12-8)	PROF	T0+530s	connection of active DMI channel: Message-S12 with target distance = 755m	DMI		supervision info display is updated with target distance = 755m
135	speed has reached 56km/h	ODO	T0+535s		DMI		changing speed is correctly displayed in speed dial range
136	STM updates supervision info (set 12-9)	PROF	T0+535s	connection of active DMI channel: Message-S12 with target distance = 680m	DMI		supervision info display is updated with target distance = 680m
137	speed has reached 61km/h	ODO	T0+540s		DMI		changing speed is correctly displayed in speed dial range
138	STM updates supervision info (set 12-10)	PROF	T0+540s	connection of active DMI channel: Message-S12 with target distance = 599m	DMI		supervision info display is updated with target distance = 599m
139	speed has reached 65km/h	ODO	T0+545s		DMI		changing speed is correctly displayed in speed dial range
140	STM updates supervision info (set 12-11)	PROF	T0+545s	connection of active DMI channel: Message-S12 with target distance = 512m	DMI		supervision info display is updated with target distance = 512m



141	speed has reached 70km/h	ODO	T0+550s		DMI		changing speed is correctly displayed in speed dial range
142	STM updates supervision info (set 13-1)	PROF	T0+550s	connection of active DMI channel: Message-S13 with target distance = 1900m	DMI		supervision info display is shown with Permitted speed = 135km/h with hook only Target speed = 125km/h with hook only Intervention speed = 150km/h with wide bar width Target distance = 1900m with digital only
143	speed has reached 75km/h	ODO	T0+555s		DMI		changing speed is correctly displayed in speed dial range
144	STM updates supervision info (set 13-2)	PROF	T0+555s	connection of active DMI channel: Message-S13 with target distance = 1800m	DMI		supervision info display is updated with target distance = 1800m
145	speed has reached 79km/h	ODO	T0+560s		DMI		changing speed is correctly displayed in speed dial range
146	STM updates supervision info (set 13-3)	PROF	T0+560s	connection of active DMI channel: Message-S13 with target distance = 1694m	DMI		supervision info display is updated with target distance = 1694m
147	speed has reached 84km/h	ODO	T0+565s		DMI		changing speed is correctly displayed in speed dial range
148	STM updates supervision info (set 13-4)	PROF	T0+565s	connection of active DMI	DMI		supervision info display is



				channel: Message-S13 with target distance = 1581m			updated with target distance = 1581m
149	speed has reached 88km/h	ODO	T0+570s		DMI		changing speed is correctly displayed in speed dial range
150	STM updates supervision info (set 13-5)	PROF	T0+570s	connection of active DMI channel: Message-S13 with target distance = 1462m	DMI		supervision info display is updated with target distance = 1462m
151	speed has reached 93km/h	ODO	T0+575s		DMI		changing speed is correctly displayed in speed dial range
152	STM updates supervision info (set 13-6)	PROF	T0+575s	connection of active DMI channel: Message-S13 with target distance = 1337m	DMI		supervision info display is updated with target distance = 1337m
153	speed has reached 97km/h	ODO	T0+580s		DMI		changing speed is correctly displayed in speed dial range
154	STM updates supervision info (set 13-7)	PROF	T0+580s	connection of active DMI channel: Message-S13 with target distance = 1206m	DMI		supervision info display is updated with target distance = 1206m
155	speed has reached 102km/h	ODO	T0+585s		DMI		changing speed is correctly displayed in speed dial range
156	STM updates supervision info (set 13-8)	PROF	T0+585s	connection of active DMI channel: Message-S13 with target distance = 1068m	DMI		supervision info display is updated with target distance = 1068m
157	speed has reached 106km/h	ODO	T0+590s		DMI		changing speed is correctly displayed in speed dial range
158	STM updates supervision info (set 13-9)	PROF	T0+590s	connection of active DMI	DMI		supervision info display is



				channel: Message-S13 with target distance = 924m			updated with target distance = 924m
159	speed has reached 111km/h	ODO	T0+595s		DMI		changing speed is correctly displayed in speed dial range
160	STM updates supervision info (set 13-10)	PROF	T0+595s	connection of active DMI channel: Message-S13 with target distance = 774m	DMI		supervision info display is updated with target distance = 774m
161	speed has reached 115km/h	ODO	T0+600s		DMI		changing speed is correctly displayed in speed dial range
162	STM updates supervision info (set 13-11)	PROF	T0+600s	connection of active DMI channel: Message-S13 with target distance = 617m	DMI		supervision info display is updated with target distance = 617m
163	speed has reached 120km/h	ODO	T0+605s		DMI		changing speed is correctly displayed in speed dial range
164	STM updates supervision info (set 14-1)	PROF	T0+605s	connection of active DMI channel: Message-S14 with target distance = 2700m	DMI		supervision info display is shown with Permitted speed = 185km/h with hook only Target speed = 175km/h with hook only Intervention speed = 200km/h with wide bar width Target distance = 2700m with digital only
165	speed has reached 125km/h	ODO	T0+610s		DMI		changing speed is correctly displayed in speed dial

							range
166	STM updates supervision info (set 14-2)	PROF	T0+610s	connection of active DMI channel: Message-S14 with target distance = 2531m	DMI		supervision info display is updated with target distance = 2531m
167	speed has reached 129km/h	ODO	T0+615s		DMI		changing speed is correctly displayed in speed dial range
168	STM updates supervision info (set 14-3)	PROF	T0+615s	connection of active DMI channel: Message-S14 with target distance = 2355m	DMI		supervision info display is updated with target distance = 2355m
169	speed has reached 134km/h	ODO	T0+620s		DMI		changing speed is correctly displayed in speed dial range
170	STM updates supervision info (set 14-4)	PROF	T0+620s	connection of active DMI channel: Message-S14 with target distance = 2173m	DMI		supervision info display is updated with target distance = 2173m
171	speed has reached 138km/h	ODO	T0+625s		DMI		changing speed is correctly displayed in speed dial range
172	STM updates supervision info (set 14-5)	PROF	T0+625s	connection of active DMI channel: Message-S14 with target distance = 1984m	DMI		supervision info display is updated with target distance = 1984m
173	speed has reached 143km/h	ODO	T0+630s		DMI		changing speed is correctly displayed in speed dial range
174	STM updates supervision info (set 14-6)	PROF	T0+630s	connection of active DMI channel: Message-S14 with target distance = 1789m	DMI		supervision info display is updated with target distance = 1789m
175	speed has reached 148km/h	ODO	T0+635s		DMI		changing speed is correctly displayed in speed dial

							range
176	STM updates supervision info (set 14-7)	PROF	T0+635s	connection of active DMI channel: Message-S14 with target distance = 1588m	DMI		supervision info display is updated with target distance = 1588m
177	speed has reached 152km/h	ODO	T0+640s		DMI		changing speed is correctly displayed in speed dial range
178	STM updates supervision info (set 14-8)	PROF	T0+640s	connection of active DMI channel: Message-S14 with target distance = 1380m	DMI		supervision info display is updated with target distance = 1380m
179	speed has reached 157km/h	ODO	T0+645s		DMI		changing speed is correctly displayed in speed dial range
180	STM updates supervision info (set 14-9)	PROF	T0+645s	connection of active DMI channel: Message-S14 with target distance = 1166m	DMI		supervision info display is updated with target distance = 1166m
181	speed has reached 162km/h	ODO	T0+650s		DMI		changing speed is correctly displayed in speed dial range
182	STM updates supervision info (set 14-10)	PROF	T0+650s	connection of active DMI channel: Message-S14 with target distance = 945m	DMI		supervision info display is updated with target distance = 945m
183	speed has reached 166km/h	ODO	T0+655s		DMI		changing speed is correctly displayed in speed dial range
184	STM updates supervision info (set 14-11)	PROF	T0+655s	connection of active DMI channel: Message-S14 with target distance = 718m	DMI		supervision info display is updated with target distance = 718m
185	speed has reached 171km/h	ODO	T0+660s		DMI		changing speed is correctly displayed in speed dial

							range
186	STM updates supervision info (set 14-12)	PROF	T0+660s	connection of active DMI channel: Message-S14 with target distance = 485m	DMI		supervision info display is updated with target distance = 485m
187	speed has reached 175km/h	ODO	T0+665s		DMI		changing speed is correctly displayed in speed dial range
188	STM updates supervision info (set 14-13)	PROF	T0+665s	connection of active DMI channel: Message-S14 with target distance = 245m	DMI		supervision info display is updated with target distance = 245m
189	speed has reached 180km/h	ODO	T0+670s		DMI		changing speed is correctly displayed in speed dial range
	Train is decelerating continuously in the following steps. Permitted speed decreases in steps (RSM scenario)						
190	STM updates supervision info (set 15-1)	PROF	T0+670s	connection of active DMI channel: Message-S15 with target distance = 7000m	DMI		supervision info display is shown with Permitted speed = 212km/h with hook only Release speed = 80km/h with digital only Intervention speed = 222km/h with wide bar width Target distance = 7000m with digital only
191	speed has reached 177km/h	ODO	T0+675s		DMI		changing speed is correctly displayed in speed dial range
192	STM updates supervision info (set 15-2)	PROF	T0+675s	connection of active DMI	DMI		supervision info display is



				channel: Message-S15 with target distance = 6753m			updated with target distance = 6753m
193	speed has reached 173km/h	ODO	T0+680s		DMI		changing speed is correctly displayed in speed dial range
194	STM updates supervision info (set 15-3)	PROF	T0+680s	connection of active DMI channel: Message-S15 with target distance = 6510m	DMI		supervision info display is updated with target distance = 6510m
195	speed has reached 170km/h	ODO	T0+685s		DMI		changing speed is correctly displayed in speed dial range
196	STM updates supervision info (set 16-1)	PROF	T0+685s	connection of active DMI channel: Message-S16 with target distance = 4891m	DMI		supervision info display is shown with Permitted speed = 175km/h with hook only Release speed = 80km/h with digital only Intervention speed = 185km/h with wide bar width Target distance = 4891m with digital only
197	speed has reached 165km/h	ODO	T0+690s		DMI		changing speed is correctly displayed in speed dial range
198	STM updates supervision info (set 16-2)	PROF	T0+690s	connection of active DMI channel: Message-S16 with target distance = 4659m	DMI		supervision info display is updated with target distance = 4659m
199	speed has reached 161km/h	ODO	T0+695s		DMI		changing speed is correctly displayed in speed dial



							range
200	STM updates supervision info (set 16-3)	PROF	T0+695s	connection of active DMI channel: Message-S16 with target distance = 4433m	DMI		supervision info display is updated with target distance = 4433m
201	speed has reached 156km/h	ODO	T0+700s		DMI		changing speed is correctly displayed in speed dial range
202	STM updates supervision info (set 16-4)	PROF	T0+700s	connection of active DMI channel: Message-S16 with target distance = 4213m	DMI		supervision info display is updated with target distance = 4213m
203	speed has reached 151km/h	ODO	T0+705s		DMI		changing speed is correctly displayed in speed dial range
204	STM updates supervision info (set 16-5)	PROF	T0+705s	connection of active DMI channel: Message-S16 with target distance = 4000m	DMI		supervision info display is updated with target distance = 4000m
205	speed has reached 147km/h	ODO	T0+710s		DMI		changing speed is correctly displayed in speed dial range
206	STM updates supervision info (set 16-6)	PROF	T0+710s	connection of active DMI channel: Message-S16 with target distance = 3793m	DMI		supervision info display is updated with target distance = 3793m
207	speed has reached 142km/h	ODO	T0+715s		DMI		changing speed is correctly displayed in speed dial range
208	STM updates supervision info (set 16-7)	PROF	T0+715s	connection of active DMI channel: Message-S16 with target distance = 3593m	DMI		supervision info display is updated with target distance = 3593m
209	speed has reached 138km/h	ODO	T0+720s		DMI		changing speed is correctly displayed in speed dial



							range
210	STM updates supervision info (set 16-8)	PROF	T0+720s	connection of active DMI channel: Message-S16 with target distance = 3399m	DMI		supervision info display is updated with target distance = 3399m
211	speed has reached 133km/h	ODO	T0+725s		DMI		changing speed is correctly displayed in speed dial range
212	STM updates supervision info (set 17-1)	PROF	T0+725s	connection of active DMI channel: Message-S17 with target distance = 3152m	DMI		supervision info display is shown with Permitted speed = 138km/h with hook only Release speed = 80km/h with digital only Intervention speed = 148km/h with wide bar width Target distance = 3152m with digital only
213	speed has reached 128km/h	ODO	T0+730s		DMI		changing speed is correctly displayed in speed dial range
214	STM updates supervision info (set 17-2)	PROF	T0+730s	connection of active DMI channel: Message-S17 with target distance = 2971m	DMI		supervision info display is updated with target distance = 2971m
215	speed has reached 124km/h	ODO	T0+735s		DMI		changing speed is correctly displayed in speed dial range
216	STM updates supervision info (set 17-3)	PROF	T0+735s	connection of active DMI channel: Message-S17 with target distance = 2796m	DMI		supervision info display is updated with target distance = 2796m



217	speed has reached 119km/h	ODO	T0+740s		DMI		changing speed is correctly displayed in speed dial range
218	STM updates supervision info (set 17-4)	PROF	T0+740s	connection of active DMI channel: Message-S17 with target distance = 2628m	DMI		supervision info display is updated with target distance = 2628m
219	speed has reached 114km/h	ODO	T0+745s		DMI		changing speed is correctly displayed in speed dial range
220	STM updates supervision info (set 17-5)	PROF	T0+745s	connection of active DMI channel: Message-S17 with target distance = 2466m	DMI		supervision info display is updated with target distance = 2466m
221	speed has reached 110km/h	ODO	T0+750s		DMI		changing speed is correctly displayed in speed dial range
222	STM updates supervision info (set 17-6)	PROF	T0+750s	connection of active DMI channel: Message-S17 with target distance = 2311m	DMI		supervision info display is updated with target distance = 2311m
223	speed has reached 105km/h	ODO	T0+755s		DMI		changing speed is correctly displayed in speed dial range
224	STM updates supervision info (set 17-7)	PROF	T0+755s	connection of active DMI channel: Message-S17 with target distance = 2162m	DMI		supervision info display is updated with target distance = 2162m
225	speed has reached 101km/h	ODO	T0+760s		DMI		changing speed is correctly displayed in speed dial range
226	STM updates supervision info (set 17-8)	PROF	T0+760s	connection of active DMI channel: Message-S17 with target distance = 2020m	DMI		supervision info display is updated with target distance = 2020m



227	speed has reached 96km/h	ODO	T0+765s		DMI		changing speed is correctly displayed in speed dial range
228	STM updates supervision info (set 18-1)	PROF	T0+765s	connection of active DMI channel: Message-S18 with target distance = 1820m	DMI		supervision info display is shown with Permitted speed = 101km/h with hook only Release speed = 80km/h with digital only Intervention speed = 111km/h with wide bar width Target distance = 1820m with digital only
229	speed has reached 91km/h	ODO	T0+770s		DMI		changing speed is correctly displayed in speed dial range
230	STM updates supervision info (set 18-2)	PROF	T0+770s	connection of active DMI channel: Message-S18 with target distance = 1690m	DMI		supervision info display is updated with target distance = 1690m
231	speed has reached 87km/h	ODO	T0+775s		DMI		changing speed is correctly displayed in speed dial range
232	STM updates supervision info (set 18-3)	PROF	T0+775s	connection of active DMI channel: Message-S18 with target distance = 1567m	DMI		supervision info display is updated with target distance = 1567m
233	speed has reached 82km/h	ODO	T0+780s		DMI		changing speed is correctly displayed in speed dial range
234	STM updates supervision info (set 18-4)	PROF	T0+780s	connection of active DMI	DMI		supervision info display is



				channel: Message-S18 with target distance = 1450m			updated with target distance = 1450m
235	speed has reached 77km/h	ODO	T0+785s		DMI		changing speed is correctly displayed in speed dial range
236	STM updates supervision info (set 18-5)	PROF	T0+785s	connection of active DMI channel: Message-S18 with target distance = 1340m	DMI		supervision info display is updated with target distance = 1340m
237	speed has reached 73km/h	ODO	T0+790s		DMI		changing speed is correctly displayed in speed dial range
238	STM updates supervision info (set 18-6)	PROF	T0+790s	connection of active DMI channel: Message-S18 with target distance = 1236m	DMI		supervision info display is updated with target distance = 1236m
239	speed has reached 68km/h	ODO	T0+795s		DMI		changing speed is correctly displayed in speed dial range
240	STM updates supervision info (set 18-7)	PROF	T0+795s	connection of active DMI channel: Message-S18 with target distance = 1138m	DMI		supervision info display is updated with target distance = 1138m
241	speed has reached 64km/h	ODO	T0+800s		DMI		changing speed is correctly displayed in speed dial range
242	STM updates supervision info (set 18-8)	PROF	T0+800s	connection of active DMI channel: Message-S18 with target distance = 1047m	DMI		supervision info display is updated with target distance = 1047m
243	speed has reached 59km/h	ODO	T0+805s		DMI		changing speed is correctly displayed in speed dial range
244	STM updates supervision info (set 19-1)	PROF	T0+805s	connection of active DMI	DMI		supervision info display is



				channel: Message-S19 with target distance = 858m			shown with Permitted speed = 64km/h with hook only Release speed = 80km/h with digital only Intervention speed = 74km/h with wide bar width Target distance = 858m with digital only
245	speed has reached 54km/h	ODO	T0+810s		DMI		changing speed is correctly displayed in speed dial range
246	STM updates supervision info (set 19-2)	PROF	T0+810s	connection of active DMI channel: Message-S19 with target distance = 780m	DMI		supervision info display is updated with target distance = 780m
247	speed has reached 50km/h	ODO	T0+815s		DMI		changing speed is correctly displayed in speed dial range
248	STM updates supervision info (set 19-3)	PROF	T0+815s	connection of active DMI channel: Message-S19 with target distance = 708m	DMI		supervision info display is updated with target distance = 708m
249	speed has reached 45km/h	ODO	T0+820s		DMI		changing speed is correctly displayed in speed dial range
250	STM updates supervision info (set 19-4)	PROF	T0+820s	connection of active DMI channel: Message-S19 with target distance = 643m	DMI		supervision info display is updated with target distance = 643m
251	speed has reached 40km/h	ODO	T0+825s		DMI		changing speed is correctly displayed in speed dial

							range
252	STM updates supervision info (set 19-5)	PROF	T0+825s	connection of active DMI channel: Message-S19 with target distance = 584m	DMI		supervision info display is updated with target distance = 584m
253	speed has reached 36km/h	ODO	T0+830s		DMI		changing speed is correctly displayed in speed dial range
254	STM updates supervision info (set 19-6)	PROF	T0+830s	connection of active DMI channel: Message-S19 with target distance = 531m	DMI		supervision info display is updated with target distance = 531m
255	speed has reached 31km/h	ODO	T0+835s		DMI		changing speed is correctly displayed in speed dial range
256	STM updates supervision info (set 19-7)	PROF	T0+835s	connection of active DMI channel: Message-S19 with target distance = 485m	DMI		supervision info display is updated with target distance = 485m
257	speed has reached 27km/h	ODO	T0+840s		DMI		changing speed is correctly displayed in speed dial range
258	STM updates supervision info (set 19-8)	PROF	T0+840s	connection of active DMI channel: Message-S19 with target distance = 445m	DMI		supervision info display is updated with target distance = 445m
259	speed has reached 22km/h	ODO	T0+845s		DMI		changing speed is correctly displayed in speed dial range
260	STM updates supervision info (set 20)	PROF	T0+845s	connection of active DMI channel: Message-S20	DMI		supervision info display is shown with Permitted speed = 27km/h with hook only Release speed = 80km/h

							with digital only Intervention speed = 37km/h with wide bar width Target distance = 266m with digital only
261	speed has reached 20km/h	ODO	T0+850s		DMI		changing speed is correctly displayed in speed dial range
262	STM updates supervision info (set 21)	PROF	T0+850s	connection of active DMI channel: Message-S21	DMI		supervision info display is shown with Permitted speed = 25km/h with speed bar without hook Intervention speed = 35km/h with normal bar width
	Train is accelerating continuously in the following steps. Permitted speed increases in steps (CSM scenario)						
263	STM updates supervision info (set 22)	PROF	T0+855s	connection of active DMI channel: Message-S22	DMI		supervision info display is shown with Permitted speed = 75km/h with speed bar without hook Intervention speed = 85km/h with normal bar width
264	speed has reached 70km/h	ODO	T0+905s		DMI		changing speed is correctly displayed in speed dial range



265	STM updates supervision info (set 23)	PROF	T0+905s	connection of active DMI channel: Message-S23	DMI		supervision info display is shown with Permitted speed = 125km/h with speed bar without hook Intervention speed = 135km/h with normal bar width
266	speed has reached 120km/h	ODO	T0+955s		DMI		changing speed is correctly displayed in speed dial range
267	STM updates supervision info (set 24)	PROF	T0+955s	connection of active DMI channel: Message-S24	DMI		supervision info display is shown with Permitted speed = 175km/h with speed bar without hook Intervention speed = 185km/h with normal bar width
268	speed has reached 170km/h	ODO	T0+1005s		DMI		changing speed is correctly displayed in speed dial range
269	STM updates supervision info (set 25)	PROF	T0+1005s	connection of active DMI channel: Message-S25	DMI		supervision info display is shown with Permitted speed = 225km/h with speed bar without hook Intervention speed = 235km/h with normal bar width



270	speed has reached 220km/h	ODO	T0+1055s		DMI		changing speed is correctly displayed in speed dial range
	Train is decelerating continuously in the following steps. Permitted speed and target speed decrease in steps (TSM scenario)						
271	STM updates supervision info (set 26-1)	PROF	T0+1055s	connection of active DMI channel: Message-S26 with target distance = 3100m	DMI		supervision info display is shown with Permitted speed = 225km/h with speed bar without hook Target speed = 200km/h with speed bar without hook Intervention speed = 235km/h with normal bar width Target distance = 3100m with bar without digital
272	speed has reached 215km/h	ODO	T0+1060s		DMI		changing speed is correctly displayed in speed dial range
273	STM updates supervision info (set 26-2)	PROF	T0+1060s	connection of active DMI channel: Message-S26 with target distance = 2798m	DMI		supervision info display is updated with target distance = 2798m
274	speed has reached 211km/h	ODO	T0+1065s		DMI		changing speed is correctly displayed in speed dial range
275	STM updates supervision info (set 26-3)	PROF	T0+1065s	connection of active DMI channel: Message-S26 with	DMI		supervision info display is updated with target



				target distance = 2502m			distance = 2502m
276	speed has reached 206km/h	ODO	T0+1070s		DMI		changing speed is correctly displayed in speed dial range
277	STM updates supervision info (set 26-4)	PROF	T0+1070s	connection of active DMI channel: Message-S26 with target distance = 2213m	DMI		supervision info display is updated with target distance = 2213m
278	speed has reached 202km/h	ODO	T0+1075s		DMI		changing speed is correctly displayed in speed dial range
279	STM updates supervision info (set 26-5)	PROF	T0+1075s	connection of active DMI channel: Message-S26 with target distance = 1930m	DMI		supervision info display is updated with target distance = 1930m
280	speed has reached 197km/h	ODO	T0+1080s		DMI		changing speed is correctly displayed in speed dial range
281	STM updates supervision info (set 26-6)	PROF	T0+1080s	connection of active DMI channel: Message-S26 with target distance = 1653m	DMI		supervision info display is updated with target distance = 1653m
282	speed has reached 193km/h	ODO	T0+1085s		DMI		changing speed is correctly displayed in speed dial range
283	STM updates supervision info (set 26-7)	PROF	T0+1085s	connection of active DMI channel: Message-S26 with target distance = 1383m	DMI		supervision info display is updated with target distance = 1383m
284	speed has reached 188km/h	ODO	T0+1090s		DMI		changing speed is correctly displayed in speed dial range
285	STM updates supervision info (set 26-8)	PROF	T0+1090s	connection of active DMI channel: Message-S26 with	DMI		supervision info display is updated with target



				target distance = 1119m			distance = 1119m
286	speed has reached 184km/h	ODO	T0+1095s		DMI		changing speed is correctly displayed in speed dial range
287	STM updates supervision info (set 26-9)	PROF	T0+1095s	connection of active DMI channel: Message-S26 with target distance = 861m	DMI		supervision info display is updated with target distance = 861m
288	speed has reached 179km/h	ODO	T0+1100s		DMI		changing speed is correctly displayed in speed dial range
289	STM updates supervision info (set 26-10)	PROF	T0+1100s	connection of active DMI channel: Message-S26 with target distance = 610m	DMI		supervision info display is updated with target distance = 610m
290	speed has reached 175km/h	ODO	T0+1105s		DMI		changing speed is correctly displayed in speed dial range
291	STM updates supervision info (set 26-11)	PROF	T0+1105s	connection of active DMI channel: Message-S26 with target distance = 365m	DMI		supervision info display is updated with target distance = 365m
292	speed has reached 170km/h	ODO	T0+1110s		DMI		changing speed is correctly displayed in speed dial range
293	STM updates supervision info (set 27-1)	PROF	T0+1110s	connection of active DMI channel: Message-S27 with target distance = 2400m	DMI		supervision info display is shown with Permitted speed = 175km/h with speed bar without hook Target speed = 150km/h with speed bar without hook



							Intervention speed = 185km/h with normal bar width Target distance = 2400m with bar without digital
294	speed has reached 165km/h	ODO	T0+1115s		DMI		changing speed is correctly displayed in speed dial range
295	STM updates supervision info (set 27-2)	PROF	T0+1115s	connection of active DMI channel: Message-S27 with target distance = 2168m	DMI		supervision info display is updated with target distance = 2168m
296	speed has reached 161km/h	ODO	T0+1120s		DMI		changing speed is correctly displayed in speed dial range
297	STM updates supervision info (set 27-3)	PROF	T0+1120s	connection of active DMI channel: Message-S27 with target distance = 1942m	DMI		supervision info display is updated with target distance = 1942m
298	speed has reached 156km/h	ODO	T0+1125s		DMI		changing speed is correctly displayed in speed dial range
299	STM updates supervision info (set 27-4)	PROF	T0+1125s	connection of active DMI channel: Message-S27 with target distance = 1722m	DMI		supervision info display is updated with target distance = 1722m
300	speed has reached 152km/h	ODO	T0+1130s		DMI		changing speed is correctly displayed in speed dial range
301	STM updates supervision info (set 27-5)	PROF	T0+1130s	connection of active DMI channel: Message-S27 with target distance = 1508m	DMI		supervision info display is updated with target distance = 1508m
302	speed has reached 147km/h	ODO	T0+1135s		DMI		changing speed is correctly

							displayed in speed dial range
303	STM updates supervision info (set 27-6)	PROF	T0+1135s	connection of active DMI channel: Message-S27 with target distance = 1301m	DMI		supervision info display is updated with target distance = 1301m
304	speed has reached 143km/h	ODO	T0+1140s		DMI		changing speed is correctly displayed in speed dial range
305	STM updates supervision info (set 27-7)	PROF	T0+1140s	connection of active DMI channel: Message-S27 with target distance = 1100m	DMI		supervision info display is updated with target distance = 1100m
306	speed has reached 138km/h	ODO	T0+1145s		DMI		changing speed is correctly displayed in speed dial range
307	STM updates supervision info (set 27-8)	PROF	T0+1145s	connection of active DMI channel: Message-S27 with target distance = 905m	DMI		supervision info display is updated with target distance = 905m
308	speed has reached 134km/h	ODO	T0+1150s		DMI		changing speed is correctly displayed in speed dial range
309	STM updates supervision info (set 27-9)	PROF	T0+1150s	connection of active DMI channel: Message-S27 with target distance = 717m	DMI		supervision info display is updated with target distance = 717m
310	speed has reached 129km/h	ODO	T0+1155s		DMI		changing speed is correctly displayed in speed dial range
311	STM updates supervision info (set 27-10)	PROF	T0+1155s	connection of active DMI channel: Message-S27 with target distance = 535m	DMI		supervision info display is updated with target distance = 535m
312	speed has reached 125km/h	ODO	T0+1160s		DMI		changing speed is correctly



							displayed in speed dial range
313	STM updates supervision info (set 27-11)	PROF	T0+1160s	connection of active DMI channel: Message-S27 with target distance = 359m	DMI		supervision info display is updated with target distance = 359m
314	speed has reached 120km/h	ODO	T0+1165s		DMI		changing speed is correctly displayed in speed dial range
315	STM updates supervision info (set 28-1)	PROF	T0+1165s	connection of active DMI channel: Message-S28 with target distance = 1700m	DMI		supervision info display is shown with Permitted speed = 125km/h with speed bar without hook Target speed = 100km/h with speed bar without hook Intervention speed = 135km/h with normal bar width Target distance = 1700m with bar without digital
316	speed has reached 115km/h	ODO	T0+1170s		DMI		changing speed is correctly displayed in speed dial range
317	STM updates supervision info (set 28-2)	PROF	T0+1170s	connection of active DMI channel: Message-S28 with target distance = 1537m	DMI		supervision info display is updated with target distance = 1537m
318	speed has reached 111km/h	ODO	T0+1175s		DMI		changing speed is correctly displayed in speed dial range



319	STM updates supervision info (set 28-3)	PROF	T0+1175s	connection of active DMI channel: Message-S28 with target distance = 1380m	DMI		supervision info display is updated with target distance = 1380m
320	speed has reached 106km/h	ODO	T0+1180s		DMI		changing speed is correctly displayed in speed dial range
321	STM updates supervision info (set 28-4)	PROF	T0+1180s	connection of active DMI channel: Message-S28 with target distance = 1230m	DMI		supervision info display is updated with target distance = 1230m
322	speed has reached 102km/h	ODO	T0+1185s		DMI		changing speed is correctly displayed in speed dial range
323	STM updates supervision info (set 28-5)	PROF	T0+1185s	connection of active DMI channel: Message-S28 with target distance = 1086m	DMI		supervision info display is updated with target distance = 1086m
324	speed has reached 97km/h	ODO	T0+1190s		DMI		changing speed is correctly displayed in speed dial range
325	STM updates supervision info (set 28-6)	PROF	T0+1190s	connection of active DMI channel: Message-S28 with target distance = 948m	DMI		supervision info display is updated with target distance = 948m
326	speed has reached 93km/h	ODO	T0+1195s		DMI		changing speed is correctly displayed in speed dial range
327	STM updates supervision info (set 28-7)	PROF	T0+1195s	connection of active DMI channel: Message-S28 with target distance = 817m	DMI		supervision info display is updated with target distance = 817m
328	speed has reached 88km/h	ODO	T0+1200s		DMI		changing speed is correctly displayed in speed dial range



329	STM updates supervision info (set 28-8)	PROF	T0+1200s	connection of active DMI channel: Message-S28 with target distance = 692m	DMI		supervision info display is updated with target distance = 692m
330	speed has reached 84km/h	ODO	T0+1205s		DMI		changing speed is correctly displayed in speed dial range
331	STM updates supervision info (set 28-9)	PROF	T0+1205s	connection of active DMI channel: Message-S28 with target distance = 573m	DMI		supervision info display is updated with target distance = 573m
332	speed has reached 79km/h	ODO	T0+1210s		DMI		changing speed is correctly displayed in speed dial range
333	STM updates supervision info (set 28-10)	PROF	T0+1210s	connection of active DMI channel: Message-S28 with target distance = 460m	DMI		supervision info display is updated with target distance = 460m
334	speed has reached 75km/h	ODO	T0+1215s		DMI		changing speed is correctly displayed in speed dial range
335	STM updates supervision info (set 28-11)	PROF	T0+1215s	connection of active DMI channel: Message-S28 with target distance = 354m	DMI		supervision info display is updated with target distance = 354m
336	speed has reached 70km/h	ODO	T0+1220s		DMI		changing speed is correctly displayed in speed dial range
337	STM updates supervision info (set 29-1)	PROF	T0+1220s	connection of active DMI channel: Message-S29 with target distance = 1000m	DMI		supervision info display is shown with Permitted speed = 75km/h with speed bar without hook Target speed = 50km/h



							with speed bar without hook Intervention speed = 85km/h with normal bar width Target distance = 1000m with bar without digital
338	speed has reached 65km/h	ODO	T0+1225s		DMI		changing speed is correctly displayed in speed dial range
339	STM updates supervision info (set 29-2)	PROF	T0+1225s	connection of active DMI channel: Message-S29 with target distance = 906m	DMI		supervision info display is updated with target distance = 906m
340	speed has reached 61km/h	ODO	T0+1230s		DMI		changing speed is correctly displayed in speed dial range
341	STM updates supervision info (set 29-3)	PROF	T0+1230s	connection of active DMI channel: Message-S29 with target distance = 819m	DMI		supervision info display is updated with target distance = 819m
342	speed has reached 56km/h	ODO	T0+1235s		DMI		changing speed is correctly displayed in speed dial range
343	STM updates supervision info (set 29-4)	PROF	T0+1235s	connection of active DMI channel: Message-S29 with target distance = 738m	DMI		supervision info display is updated with target distance = 738m
344	speed has reached 52km/h	ODO	T0+1240s		DMI		changing speed is correctly displayed in speed dial range
345	STM updates supervision info (set 29-5)	PROF	T0+1240s	connection of active DMI channel: Message-S29 with target distance = 663m	DMI		supervision info display is updated with target distance = 663m



346	speed has reached 47km/h	ODO	T0+1245s		DMI		changing speed is correctly displayed in speed dial range
347	STM updates supervision info (set 29-6)	PROF	T0+1245s	connection of active DMI channel: Message-S29 with target distance = 595m	DMI		supervision info display is updated with target distance = 595m
348	speed has reached 43km/h	ODO	T0+1250s		DMI		changing speed is correctly displayed in speed dial range
349	STM updates supervision info (set 29-7)	PROF	T0+1250s	connection of active DMI channel: Message-S29 with target distance = 533m	DMI		supervision info display is updated with target distance = 533m
350	speed has reached 38km/h	ODO	T0+1255s		DMI		changing speed is correctly displayed in speed dial range
351	STM updates supervision info (set 29-8)	PROF	T0+1255s	connection of active DMI channel: Message-S29 with target distance = 477m	DMI		supervision info display is updated with target distance = 477m
352	speed has reached 34km/h	ODO	T0+1260s		DMI		changing speed is correctly displayed in speed dial range
353	STM updates supervision info (set 29-9)	PROF	T0+1260s	connection of active DMI channel: Message-S29 with target distance = 428m	DMI		supervision info display is updated with target distance = 428m
354	speed has reached 29km/h	ODO	T0+1265s		DMI		changing speed is correctly displayed in speed dial range
355	STM updates supervision info (set 29-10)	PROF	T0+1265s	connection of active DMI channel: Message-S29 with target distance = 385m	DMI		supervision info display is updated with target distance = 385m



356	speed has reached 25km/h	ODO	T0+1270s		DMI		changing speed is correctly displayed in speed dial range
357	STM updates supervision info (set 29-11)	PROF	T0+1270s	connection of active DMI channel: Message-S29 with target distance = 348m	DMI		supervision info display is updated with target distance = 348m
358	speed has reached 20km/h	ODO	T0+1275s		DMI		changing speed is correctly displayed in speed dial range
359	STM updates supervision info (set 30-1)	PROF	T0+1275s	connection of active DMI channel: Message-S30 with target distance = 300m	DMI		supervision info display is shown with Permitted speed = 25km/h with speed bar without hook Release speed = 12km/h with bar without digital Intervention speed = 35km/h with normal bar width Target distance = 300m with bar without digital
360	speed has reached 16km/h	ODO	T0+1280s		DMI		changing speed is correctly displayed in speed dial range
361	STM updates supervision info (set 30-2)	PROF	T0+1280s	connection of active DMI channel: Message-S30 with target distance = 276m	DMI		supervision info display is updated with target distance = 276m
362	speed has reached 12km/h	ODO	T0+1285s		DMI		changing speed is correctly displayed in speed dial range



363	STM updates supervision info (set 30-3)	PROF	T0+1285s	connection of active DMI channel: Message-S30 with target distance = 257m	DMI		supervision info display is updated with target distance = 257m
364	speed has reached 8km/h	ODO	T0+1290s		DMI		changing speed is correctly displayed in speed dial range
365	STM updates supervision info (set 30-4)	PROF	T0+1290s	connection of active DMI channel: Message-S30 with target distance = 244m	DMI		supervision info display is updated with target distance = 244m
366	speed has reached 3km/h	ODO	T0+1295s		DMI		changing speed is correctly displayed in speed dial range
367	STM updates supervision info (set 30-5)	PROF	T0+1295s	connection of active DMI channel: Message-S30 with target distance = 237m	DMI		supervision info display is updated with target distance = 237m
368	speed has reached 0km/h	ODO	T0+1300s		DMI		changing speed is correctly displayed in speed dial range
369	STM updates supervision info (set 30-6)	PROF	T0+1300s	connection of active DMI channel: Message-S30 with target distance = 236m	DMI		supervision info display is updated with target distance = 236m
	Train is accelerating continuously in the following steps. Permitted speed and target speed increases in steps (scenario with increasing target speeds)						
370	STM updates supervision info (set 31-1)	PROF	T0+1305s	connection of active DMI channel: Message-S31 with target distance = 400m	DMI		supervision info display is shown with Permitted speed = 35km/h with speed bar without hook Target speed = 25km/h



							with speed bar without hook Intervention speed = 50km/h with normal bar width Target distance = 400m with bar without digital
371	speed has reached 4km/h	ODO	T0+1310s		DMI		changing speed is correctly displayed in speed dial range
372	STM updates supervision info (set 31-2)	PROF	T0+1310s	connection of active DMI channel: Message-S31 with target distance = 398m	DMI		supervision info display is updated with target distance = 398m
373	speed has reached 8km/h	ODO	T0+1315s		DMI		changing speed is correctly displayed in speed dial range
374	STM updates supervision info (set 31-3)	PROF	T0+1315s	connection of active DMI channel: Message-S31 with target distance = 390m	DMI		supervision info display is updated with target distance = 390m
375	speed has reached 12km/h	ODO	T0+1320s		DMI		changing speed is correctly displayed in speed dial range
376	STM updates supervision info (set 31-4)	PROF	T0+1320s	connection of active DMI channel: Message-S31 with target distance = 377m	DMI		supervision info display is updated with target distance = 377m
377	speed has reached 16km/h	ODO	T0+1325s		DMI		changing speed is correctly displayed in speed dial range
378	STM updates supervision info (set 31-5)	PROF	T0+1325s	connection of active DMI channel: Message-S31 with target distance = 358m	DMI		supervision info display is updated with target distance = 358m

379	speed has reached 20km/h	ODO	T0+1330s		DMI		changing speed is correctly displayed in speed dial range
380	STM updates supervision info (set 32-1)	PROF	T0+1330s	connection of active DMI channel: Message-S32 with target distance = 1100m	DMI		supervision info display is shown with Permitted speed = 85km/h with speed bar without hook Target speed = 75km/h with speed bar without hook Intervention speed = 100km/h with normal bar width Target distance = 1100m with bar without digital
381	speed has reached 25km/h	ODO	T0+1335s		DMI		changing speed is correctly displayed in speed dial range
382	STM updates supervision info (set 32-2)	PROF	T0+1335s	connection of active DMI channel: Message-S32 with target distance = 1070m	DMI		supervision info display is updated with target distance = 1070m
383	speed has reached 29km/h	ODO	T0+1340s		DMI		changing speed is correctly displayed in speed dial range
384	STM updates supervision info (set 32-3)	PROF	T0+1340s	connection of active DMI channel: Message-S32 with target distance = 1033m	DMI		supervision info display is updated with target distance = 1033m
385	speed has reached 34km/h	ODO	T0+1345s		DMI		changing speed is correctly displayed in speed dial



							range
386	STM updates supervision info (set 32-4)	PROF	T0+1345s	connection of active DMI channel: Message-S32 with target distance = 990m	DMI		supervision info display is updated with target distance = 990m
387	speed has reached 38km/h	ODO	T0+1350s		DMI		changing speed is correctly displayed in speed dial range
388	STM updates supervision info (set 32-5)	PROF	T0+1350s	connection of active DMI channel: Message-S32 with target distance = 941m	DMI		supervision info display is updated with target distance = 941m
389	speed has reached 43km/h	ODO	T0+1355s		DMI		changing speed is correctly displayed in speed dial range
390	STM updates supervision info (set 32-6)	PROF	T0+1355s	connection of active DMI channel: Message-S32 with target distance = 885m	DMI		supervision info display is updated with target distance = 885m
391	speed has reached 47km/h	ODO	T0+1360s		DMI		changing speed is correctly displayed in speed dial range
392	STM updates supervision info (set 32-7)	PROF	T0+1360s	connection of active DMI channel: Message-S32 with target distance = 823m	DMI		supervision info display is updated with target distance = 823m
393	speed has reached 52km/h	ODO	T0+1365s		DMI		changing speed is correctly displayed in speed dial range
394	STM updates supervision info (set 32-8)	PROF	T0+1365s	connection of active DMI channel: Message-S32 with target distance = 755m	DMI		supervision info display is updated with target distance = 755m
395	speed has reached 56km/h	ODO	T0+1370s		DMI		changing speed is correctly displayed in speed dial

							range
396	STM updates supervision info (set 32-9)	PROF	T0+1370s	connection of active DMI channel: Message-S32 with target distance = 680m	DMI		supervision info display is updated with target distance = 680m
397	speed has reached 61km/h	ODO	T0+1375s		DMI		changing speed is correctly displayed in speed dial range
398	STM updates supervision info (set 32-10)	PROF	T0+1375s	connection of active DMI channel: Message-S32 with target distance = 599m	DMI		supervision info display is updated with target distance = 599m
399	speed has reached 65km/h	ODO	T0+1380s		DMI		changing speed is correctly displayed in speed dial range
400	STM updates supervision info (set 32-11)	PROF	T0+1380s	connection of active DMI channel: Message-S32 with target distance = 512m	DMI		supervision info display is updated with target distance = 512m
401	speed has reached 70km/h	ODO	T0+1385s		DMI		changing speed is correctly displayed in speed dial range
402	STM updates supervision info (set 33-1)	PROF	T0+1385s	connection of active DMI channel: Message-S33 with target distance = 1900m	DMI		supervision info display is shown with Permitted speed = 135km/h with speed bar without hook Target speed = 125km/h with speed bar without hook Intervention speed = 150km/h with normal bar width



							Target distance = 1900m with bar without digital
403	speed has reached 75km/h	ODO	T0+1390s		DMI		changing speed is correctly displayed in speed dial range
404	STM updates supervision info (set 33-2)	PROF	T0+1390s	connection of active DMI channel: Message-S33 with target distance = 1800m	DMI		supervision info display is updated with target distance = 1800m
405	speed has reached 79km/h	ODO	T0+1395s		DMI		changing speed is correctly displayed in speed dial range
406	STM updates supervision info (set 33-3)	PROF	T0+1395s	connection of active DMI channel: Message-S33 with target distance = 1694m	DMI		supervision info display is updated with target distance = 1694m
407	speed has reached 84km/h	ODO	T0+1400s		DMI		changing speed is correctly displayed in speed dial range
408	STM updates supervision info (set 33-4)	PROF	T0+1400s	connection of active DMI channel: Message-S33 with target distance = 1581m	DMI		supervision info display is updated with target distance = 1581m
409	speed has reached 88km/h	ODO	T0+1405s		DMI		changing speed is correctly displayed in speed dial range
410	STM updates supervision info (set 33-5)	PROF	T0+1405s	connection of active DMI channel: Message-S33 with target distance = 1462m	DMI		supervision info display is updated with target distance = 1462m
411	speed has reached 93km/h	ODO	T0+1410s		DMI		changing speed is correctly displayed in speed dial range
412	STM updates supervision info (set 33-6)	PROF	T0+1410s	connection of active DMI	DMI		supervision info display is



				channel: Message-S33 with target distance = 1337m			updated with target distance = 1337m
413	speed has reached 97km/h	ODO	T0+1415s		DMI		changing speed is correctly displayed in speed dial range
414	STM updates supervision info (set 33-7)	PROF	T0+1415s	connection of active DMI channel: Message-S33 with target distance = 1206m	DMI		supervision info display is updated with target distance = 1206m
415	speed has reached 102km/h	ODO	T0+1420s		DMI		changing speed is correctly displayed in speed dial range
416	STM updates supervision info (set 33-8)	PROF	T0+1420s	connection of active DMI channel: Message-S33 with target distance = 1068m	DMI		supervision info display is updated with target distance = 1068m
417	speed has reached 106km/h	ODO	T0+1425s		DMI		changing speed is correctly displayed in speed dial range
418	STM updates supervision info (set 33-9)	PROF	T0+1425s	connection of active DMI channel: Message-S33 with target distance = 924m	DMI		supervision info display is updated with target distance = 924m
419	speed has reached 111km/h	ODO	T0+1430s		DMI		changing speed is correctly displayed in speed dial range
420	STM updates supervision info (set 33-10)	PROF	T0+1430s	connection of active DMI channel: Message-S33 with target distance = 774m	DMI		supervision info display is updated with target distance = 774m
421	speed has reached 115km/h	ODO	T0+1435s		DMI		changing speed is correctly displayed in speed dial range
422	STM updates supervision info (set 33-11)	PROF	T0+1435s	connection of active DMI	DMI		supervision info display is



				channel: Message-S33 with target distance = 617m			updated with target distance = 617m
423	speed has reached 120km/h	ODO	T0+1440s		DMI		changing speed is correctly displayed in speed dial range
424	STM updates supervision info (set 34-1)	PROF	T0+1440s	connection of active DMI channel: Message-S34 with target distance = 2700m	DMI		supervision info display is shown with Permitted speed = 185km/h with speed bar without hook Target speed = 175km/h with speed bar without hook Intervention speed = 200km/h with normal bar width Target distance = 2700m with bar without digital
425	speed has reached 125km/h	ODO	T0+1445s		DMI		changing speed is correctly displayed in speed dial range
426	STM updates supervision info (set 34-2)	PROF	T0+1445s	connection of active DMI channel: Message-S34 with target distance = 2531m	DMI		supervision info display is updated with target distance = 2531m
427	speed has reached 129km/h	ODO	T0+1450s		DMI		changing speed is correctly displayed in speed dial range
428	STM updates supervision info (set 34-3)	PROF	T0+1450s	connection of active DMI channel: Message-S34 with target distance = 2355m	DMI		supervision info display is updated with target distance = 2355m



429	speed has reached 134km/h	ODO	T0+1455s		DMI		changing speed is correctly displayed in speed dial range
430	STM updates supervision info (set 34-4)	PROF	T0+1455s	connection of active DMI channel: Message-S34 with target distance = 2173m	DMI		supervision info display is updated with target distance = 2173m
431	speed has reached 138km/h	ODO	T0+1460s		DMI		changing speed is correctly displayed in speed dial range
432	STM updates supervision info (set 34-5)	PROF	T0+1460s	connection of active DMI channel: Message-S34 with target distance = 1984m	DMI		supervision info display is updated with target distance = 1984m
433	speed has reached 143km/h	ODO	T0+1465s		DMI		changing speed is correctly displayed in speed dial range
434	STM updates supervision info (set 34-6)	PROF	T0+1465s	connection of active DMI channel: Message-S34 with target distance = 1789m	DMI		supervision info display is updated with target distance = 1789m
435	speed has reached 148km/h	ODO	T0+1470s		DMI		changing speed is correctly displayed in speed dial range
436	STM updates supervision info (set 34-7)	PROF	T0+1470s	connection of active DMI channel: Message-S34 with target distance = 1588m	DMI		supervision info display is updated with target distance = 1588m
437	speed has reached 152km/h	ODO	T0+1475s		DMI		changing speed is correctly displayed in speed dial range
438	STM updates supervision info (set 34-8)	PROF	T0+1475s	connection of active DMI channel: Message-S34 with target distance = 1380m	DMI		supervision info display is updated with target distance = 1380m



439	speed has reached 157km/h	ODO	T0+1480s		DMI		changing speed is correctly displayed in speed dial range
440	STM updates supervision info (set 34-9)	PROF	T0+1480s	connection of active DMI channel: Message-S34 with target distance = 1166m	DMI		supervision info display is updated with target distance = 1166m
441	speed has reached 162km/h	ODO	T0+1485s		DMI		changing speed is correctly displayed in speed dial range
442	STM updates supervision info (set 34-10)	PROF	T0+1485s	connection of active DMI channel: Message-S34 with target distance = 945m	DMI		supervision info display is updated with target distance = 945m
443	speed has reached 166km/h	ODO	T0+1490s		DMI		changing speed is correctly displayed in speed dial range
444	STM updates supervision info (set 34-11)	PROF	T0+1490s	connection of active DMI channel: Message-S34 with target distance = 718m	DMI		supervision info display is updated with target distance = 718m
445	speed has reached 171km/h	ODO	T0+1495s		DMI		changing speed is correctly displayed in speed dial range
446	STM updates supervision info (set 34-12)	PROF	T0+1495s	connection of active DMI channel: Message-S34 with target distance = 485m	DMI		supervision info display is updated with target distance = 485m
447	speed has reached 175km/h	ODO	T0+1500s		DMI		changing speed is correctly displayed in speed dial range
448	STM updates supervision info (set 34-13)	PROF	T0+1500s	connection of active DMI channel: Message-S34 with target distance = 245m	DMI		supervision info display is updated with target distance = 245m



449	speed has reached 180km/h	ODO	T0+1505s		DMI		changing speed is correctly displayed in speed dial range
	Train is decelerating continuously in the following steps. Permitted speed decreases in steps (RSM scenario)						
450	STM updates supervision info (set 35-1)	PROF	T0+1505s	connection of active DMI channel: Message-S35 with target distance = 7000m	DMI		supervision info display is shown with Permitted speed = 212km/h with speed bar without hook Release speed = 80km/h with bar without digital Intervention speed = 222km/h with normal bar width Target distance = 7000m with bar without digital
451	speed has reached 177km/h	ODO	T0+1510s		DMI		changing speed is correctly displayed in speed dial range
452	STM updates supervision info (set 35-2)	PROF	T0+1510s	connection of active DMI channel: Message-S35 with target distance = 6753m	DMI		supervision info display is updated with target distance = 6753m
453	speed has reached 173km/h	ODO	T0+1515s		DMI		changing speed is correctly displayed in speed dial range
454	STM updates supervision info (set 35-3)	PROF	T0+1515s	connection of active DMI channel: Message-S35 with target distance = 6510m	DMI		supervision info display is updated with target distance = 6510m
455	speed has reached 170km/h	ODO	T0+1520s		DMI		changing speed is correctly



							displayed in speed dial range
456	STM updates supervision info (set 36-1)	PROF	T0+1520s	connection of active DMI channel: Message-S36 with target distance = 4891m	DMI		supervision info display is shown with Permitted speed = 175km/h with speed bar without hook Release speed = 80km/h with bar without digital Intervention speed = 185km/h with normal bar width Target distance = 4891m with bar without digital
457	speed has reached 165km/h	ODO	T0+1525s		DMI		changing speed is correctly displayed in speed dial range
458	STM updates supervision info (set 36-2)	PROF	T0+1525s	connection of active DMI channel: Message-S36 with target distance = 4659m	DMI		supervision info display is updated with target distance = 4659m
459	speed has reached 161km/h	ODO	T0+1530s		DMI		changing speed is correctly displayed in speed dial range
460	STM updates supervision info (set 36-3)	PROF	T0+1530s	connection of active DMI channel: Message-S36 with target distance = 4433m	DMI		supervision info display is updated with target distance = 4433m
461	speed has reached 156km/h	ODO	T0+1535s		DMI		changing speed is correctly displayed in speed dial range
462	STM updates supervision info (set 36-4)	PROF	T0+1535s	connection of active DMI	DMI		supervision info display is



				channel: Message-S36 with target distance = 4213m			updated with target distance = 4213m
463	speed has reached 151km/h	ODO	T0+1540s		DMI		changing speed is correctly displayed in speed dial range
464	STM updates supervision info (set 36-5)	PROF	T0+1540s	connection of active DMI channel: Message-S36 with target distance = 4000m	DMI		supervision info display is updated with target distance = 4000m
465	speed has reached 147km/h	ODO	T0+1545s		DMI		changing speed is correctly displayed in speed dial range
466	STM updates supervision info (set 36-6)	PROF	T0+1545s	connection of active DMI channel: Message-S36 with target distance = 3793m	DMI		supervision info display is updated with target distance = 3793m
467	speed has reached 142km/h	ODO	T0+1550s		DMI		changing speed is correctly displayed in speed dial range
468	STM updates supervision info (set 36-7)	PROF	T0+1550s	connection of active DMI channel: Message-S36 with target distance = 3593m	DMI		supervision info display is updated with target distance = 3593m
469	speed has reached 138km/h	ODO	T0+1555s		DMI		changing speed is correctly displayed in speed dial range
470	STM updates supervision info (set 36-8)	PROF	T0+1555s	connection of active DMI channel: Message-S36 with target distance = 3399m	DMI		supervision info display is updated with target distance = 3399m
471	speed has reached 133km/h	ODO	T0+1560s		DMI		changing speed is correctly displayed in speed dial range
472	STM updates supervision info (set 37-1)	PROF	T0+1560s	connection of active DMI	DMI		supervision info display is



				channel: Message-S37 with target distance = 3152m			shown with Permitted speed = 138km/h with speed bar without hook Release speed = 80km/h with bar without digital Intervention speed = 148km/h with normal bar width Target distance = 3152m with bar without digital
473	speed has reached 128km/h	ODO	T0+1565s		DMI		changing speed is correctly displayed in speed dial range
474	STM updates supervision info (set 37-2)	PROF	T0+1565s	connection of active DMI channel: Message-S37 with target distance = 2971m	DMI		supervision info display is updated with target distance = 2971m
475	speed has reached 124km/h	ODO	T0+1570s		DMI		changing speed is correctly displayed in speed dial range
476	STM updates supervision info (set 37-3)	PROF	T0+1570s	connection of active DMI channel: Message-S37 with target distance = 2796m	DMI		supervision info display is updated with target distance = 2796m
477	speed has reached 119km/h	ODO	T0+1575s		DMI		changing speed is correctly displayed in speed dial range
478	STM updates supervision info (set 37-4)	PROF	T0+1575s	connection of active DMI channel: Message-S37 with target distance = 2628m	DMI		supervision info display is updated with target distance = 2628m
479	speed has reached 114km/h	ODO	T0+1580s		DMI		changing speed is correctly



							displayed in speed dial range
480	STM updates supervision info (set 37-5)	PROF	T0+1580s	connection of active DMI channel: Message-S37 with target distance = 2466m	DMI		supervision info display is updated with target distance = 2466m
481	speed has reached 110km/h	ODO	T0+1585s		DMI		changing speed is correctly displayed in speed dial range
482	STM updates supervision info (set 37-6)	PROF	T0+1585s	connection of active DMI channel: Message-S37 with target distance = 2311m	DMI		supervision info display is updated with target distance = 2311m
483	speed has reached 105km/h	ODO	T0+1590s		DMI		changing speed is correctly displayed in speed dial range
484	STM updates supervision info (set 37-7)	PROF	T0+1590s	connection of active DMI channel: Message-S37 with target distance = 2162m	DMI		supervision info display is updated with target distance = 2162m
485	speed has reached 101km/h	ODO	T0+1595s		DMI		changing speed is correctly displayed in speed dial range
486	STM updates supervision info (set 37-8)	PROF	T0+1595s	connection of active DMI channel: Message-S37 with target distance = 2020m	DMI		supervision info display is updated with target distance = 2020m
487	speed has reached 96km/h	ODO	T0+1600s		DMI		changing speed is correctly displayed in speed dial range
488	STM updates supervision info (set 38-1)	PROF	T0+1600s	connection of active DMI channel: Message-S38 with target distance = 1820m	DMI		supervision info display is shown with Permitted speed = 101km/h with speed bar without hook



							Release speed = 80km/h with bar without digital Intervention speed = 111km/h with normal bar width Target distance = 1820m with bar without digital
489	speed has reached 91km/h	ODO	T0+1605s		DMI		changing speed is correctly displayed in speed dial range
490	STM updates supervision info (set 38-2)	PROF	T0+1605s	connection of active DMI channel: Message-S38 with target distance = 1690m	DMI		supervision info display is updated with target distance = 1690m
491	speed has reached 87km/h	ODO	T0+1610s		DMI		changing speed is correctly displayed in speed dial range
492	STM updates supervision info (set 38-3)	PROF	T0+1610s	connection of active DMI channel: Message-S38 with target distance = 1567m	DMI		supervision info display is updated with target distance = 1567m
493	speed has reached 82km/h	ODO	T0+1615s		DMI		changing speed is correctly displayed in speed dial range
494	STM updates supervision info (set 38-4)	PROF	T0+1615s	connection of active DMI channel: Message-S38 with target distance = 1450m	DMI		supervision info display is updated with target distance = 1450m
495	speed has reached 77km/h	ODO	T0+1620s		DMI		changing speed is correctly displayed in speed dial range
496	STM updates supervision info (set 38-5)	PROF	T0+1620s	connection of active DMI channel: Message-S38 with	DMI		supervision info display is updated with target



				target distance = 1340m			distance = 1340m
497	speed has reached 73km/h	ODO	T0+1625s		DMI		changing speed is correctly displayed in speed dial range
498	STM updates supervision info (set 38-6)	PROF	T0+1625s	connection of active DMI channel: Message-S38 with target distance = 1236m	DMI		supervision info display is updated with target distance = 1236m
499	speed has reached 68km/h	ODO	T0+1630s		DMI		changing speed is correctly displayed in speed dial range
500	STM updates supervision info (set 38-7)	PROF	T0+1630s	connection of active DMI channel: Message-S38 with target distance = 1138m	DMI		supervision info display is updated with target distance = 1138m
501	speed has reached 64km/h	ODO	T0+1635s		DMI		changing speed is correctly displayed in speed dial range
502	STM updates supervision info (set 38-8)	PROF	T0+1635s	connection of active DMI channel: Message-S38 with target distance = 1047m	DMI		supervision info display is updated with target distance = 1047m
503	speed has reached 59km/h	ODO	T0+1640s		DMI		changing speed is correctly displayed in speed dial range
504	STM updates supervision info (set 39-1)	PROF	T0+1640s	connection of active DMI channel: Message-S39 with target distance = 858m	DMI		supervision info display is shown with Permitted speed = 64km/h with speed bar without hook Release speed = 80km/h with bar without digital Intervention speed =



							74km/h with normal bar width Target distance = 858m with bar without digital
505	speed has reached 54km/h	ODO	T0+1645s		DMI		changing speed is correctly displayed in speed dial range
506	STM updates supervision info (set 39-2)	PROF	T0+1645s	connection of active DMI channel: Message-S39 with target distance = 780m	DMI		supervision info display is updated with target distance = 780m
507	speed has reached 50km/h	ODO	T0+1650s		DMI		changing speed is correctly displayed in speed dial range
508	STM updates supervision info (set 39-3)	PROF	T0+1650s	connection of active DMI channel: Message-S39 with target distance = 708m	DMI		supervision info display is updated with target distance = 708m
509	speed has reached 45km/h	ODO	T0+1655s		DMI		changing speed is correctly displayed in speed dial range
510	STM updates supervision info (set 39-4)	PROF	T0+1655s	connection of active DMI channel: Message-S39 with target distance = 643m	DMI		supervision info display is updated with target distance = 643m
511	speed has reached 40km/h	ODO	T0+1660s		DMI		changing speed is correctly displayed in speed dial range
512	STM updates supervision info (set 39-5)	PROF	T0+1660s	connection of active DMI channel: Message-S39 with target distance = 584m	DMI		supervision info display is updated with target distance = 584m
513	speed has reached 36km/h	ODO	T0+1665s		DMI		changing speed is correctly displayed in speed dial range



514	STM updates supervision info (set 39-6)	PROF	T0+1665s	connection of active DMI channel: Message-S39 with target distance = 531m	DMI		supervision info display is updated with target distance = 531m
515	speed has reached 31km/h	ODO	T0+1670s		DMI		changing speed is correctly displayed in speed dial range
516	STM updates supervision info (set 39-7)	PROF	T0+1670s	connection of active DMI channel: Message-S39 with target distance = 485m	DMI		supervision info display is updated with target distance = 485m
517	speed has reached 27km/h	ODO	T0+1675s		DMI		changing speed is correctly displayed in speed dial range
518	STM updates supervision info (set 39-8)	PROF	T0+1675s	connection of active DMI channel: Message-S39 with target distance = 445m	DMI		supervision info display is updated with target distance = 445m
519	speed has reached 22km/h	ODO	T0+1680s		DMI		changing speed is correctly displayed in speed dial range
520	STM updates supervision info (set 40)	PROF	T0+1680s	connection of active DMI channel: Message-S40	DMI		supervision info display is shown with Permitted speed = 27km/h with speed bar without hook Release speed = 80km/h with bar without digital Intervention speed = 37km/h with normal bar width Target distance = 266m with bar without digital



521	speed has reached 20km/h	ODO	T0+1685s		DMI		changing speed is correctly displayed in speed dial range
522	STM updates supervision info (set 41)	PROF	T0+1685s	connection of active DMI channel: Message-S41	DMI		supervision info display is shown with Permitted speed = 25km/h with speed bar with hook Intervention speed = 35km/h with wide bar width
	Train is accelerating continuously in the following steps. Permitted speed increases in steps (CSM scenario)						
523	STM updates supervision info (set 42)	PROF	T0+1690s	connection of active DMI channel: Message-S42	DMI		supervision info display is shown with Permitted speed = 75km/h with speed bar with hook Intervention speed = 85km/h with wide bar width
524	speed has reached 70km/h	ODO	T0+1740s		DMI		changing speed is correctly displayed in speed dial range
525	STM updates supervision info (set 43)	PROF	T0+1740s	connection of active DMI channel: Message-S43	DMI		supervision info display is shown with Permitted speed = 125km/h with speed bar with hook Intervention speed = 135km/h with wide bar width



526	speed has reached 120km/h	ODO	T0+1790s		DMI		changing speed is correctly displayed in speed dial range
527	STM updates supervision info (set 44)	PROF	T0+1790s	connection of active DMI channel: Message-S44	DMI		supervision info display is shown with Permitted speed = 175km/h with speed bar with hook Intervention speed = 185km/h with wide bar width
528	speed has reached 170km/h	ODO	T0+1840s		DMI		changing speed is correctly displayed in speed dial range
529	STM updates supervision info (set 45)	PROF	T0+1840s	connection of active DMI channel: Message-S45	DMI		supervision info display is shown with Permitted speed = 225km/h with speed bar with hook Intervention speed = 235km/h with wide bar width
530	speed has reached 220km/h	ODO	T0+1890s		DMI		changing speed is correctly displayed in speed dial range
	Train is decelerating continuously in the following steps. Permitted speed and target speed decrease in steps (TSM scenario)						
531	STM updates supervision info (set 46-1)	PROF	T0+1890s	connection of active DMI channel: Message-S46 with target distance = 3100m	DMI		supervision info display is shown with Permitted speed = 225km/h with speed bar with hook



							Target speed = 200km/h with speed bar with hook Intervention speed = 235km/h with wide bar width Target distance = 3100m with bar and digital
532	speed has reached 215km/h	ODO	T0+1895s		DMI		changing speed is correctly displayed in speed dial range
533	STM updates supervision info (set 46-2)	PROF	T0+1895s	connection of active DMI channel: Message-S46 with target distance = 2798m	DMI		supervision info display is updated with target distance = 2798m
534	speed has reached 211km/h	ODO	T0+1900s		DMI		changing speed is correctly displayed in speed dial range
535	STM updates supervision info (set 46-3)	PROF	T0+1900s	connection of active DMI channel: Message-S46 with target distance = 2502m	DMI		supervision info display is updated with target distance = 2502m
536	speed has reached 206km/h	ODO	T0+1905s		DMI		changing speed is correctly displayed in speed dial range
537	STM updates supervision info (set 46-4)	PROF	T0+1905s	connection of active DMI channel: Message-S46 with target distance = 2213m	DMI		supervision info display is updated with target distance = 2213m
538	speed has reached 202km/h	ODO	T0+1910s		DMI		changing speed is correctly displayed in speed dial range
539	STM updates supervision info (set 46-5)	PROF	T0+1910s	connection of active DMI channel: Message-S46 with	DMI		supervision info display is updated with target



				target distance = 1930m			distance = 1930m
540	speed has reached 197km/h	ODO	T0+1915s		DMI		changing speed is correctly displayed in speed dial range
541	STM updates supervision info (set 46-6)	PROF	T0+1915s	connection of active DMI channel: Message-S46 with target distance = 1653m	DMI		supervision info display is updated with target distance = 1653m
542	speed has reached 193km/h	ODO	T0+1920s		DMI		changing speed is correctly displayed in speed dial range
543	STM updates supervision info (set 46-7)	PROF	T0+1920s	connection of active DMI channel: Message-S46 with target distance = 1383m	DMI		supervision info display is updated with target distance = 1383m
544	speed has reached 188km/h	ODO	T0+1925s		DMI		changing speed is correctly displayed in speed dial range
545	STM updates supervision info (set 46-8)	PROF	T0+1925s	connection of active DMI channel: Message-S46 with target distance = 1119m	DMI		supervision info display is updated with target distance = 1119m
546	speed has reached 184km/h	ODO	T0+1930s		DMI		changing speed is correctly displayed in speed dial range
547	STM updates supervision info (set 46-9)	PROF	T0+1930s	connection of active DMI channel: Message-S46 with target distance = 861m	DMI		supervision info display is updated with target distance = 861m
548	speed has reached 179km/h	ODO	T0+1935s		DMI		changing speed is correctly displayed in speed dial range
549	STM updates supervision info (set 46-10)	PROF	T0+1935s	connection of active DMI channel: Message-S46 with	DMI		supervision info display is updated with target



				target distance = 610m			distance = 610m
550	speed has reached 175km/h	ODO	T0+1940s		DMI		changing speed is correctly displayed in speed dial range
551	STM updates supervision info (set 46-11)	PROF	T0+1940s	connection of active DMI channel: Message-S46 with target distance = 365m	DMI		supervision info display is updated with target distance = 365m
552	speed has reached 170km/h	ODO	T0+1945s		DMI		changing speed is correctly displayed in speed dial range
553	STM updates supervision info (set 47-1)	PROF	T0+1945s	connection of active DMI channel: Message-S47 with target distance = 2400m	DMI		supervision info display is shown with Permitted speed = 175km/h with speed bar with hook Target speed = 150km/h with speed bar with hook Intervention speed = 185km/h with wide bar width Target distance = 2400m with bar and digital
554	speed has reached 165km/h	ODO	T0+1950s		DMI		changing speed is correctly displayed in speed dial range
555	STM updates supervision info (set 47-2)	PROF	T0+1950s	connection of active DMI channel: Message-S47 with target distance = 2168m	DMI		supervision info display is updated with target distance = 2168m
556	speed has reached 161km/h	ODO	T0+1955s		DMI		changing speed is correctly displayed in speed dial range



557	STM updates supervision info (set 47-3)	PROF	T0+1955s	connection of active DMI channel: Message-S47 with target distance = 1942m	DMI		supervision info display is updated with target distance = 1942m
558	speed has reached 156km/h	ODO	T0+1960s		DMI		changing speed is correctly displayed in speed dial range
559	STM updates supervision info (set 47-4)	PROF	T0+1960s	connection of active DMI channel: Message-S47 with target distance = 1722m	DMI		supervision info display is updated with target distance = 1722m
560	speed has reached 152km/h	ODO	T0+1965s		DMI		changing speed is correctly displayed in speed dial range
561	STM updates supervision info (set 47-5)	PROF	T0+1965s	connection of active DMI channel: Message-S47 with target distance = 1508m	DMI		supervision info display is updated with target distance = 1508m
562	speed has reached 147km/h	ODO	T0+1970s		DMI		changing speed is correctly displayed in speed dial range
563	STM updates supervision info (set 47-6)	PROF	T0+1970s	connection of active DMI channel: Message-S47 with target distance = 1301m	DMI		supervision info display is updated with target distance = 1301m
564	speed has reached 143km/h	ODO	T0+1975s		DMI		changing speed is correctly displayed in speed dial range
565	STM updates supervision info (set 47-7)	PROF	T0+1975s	connection of active DMI channel: Message-S47 with target distance = 1100m	DMI		supervision info display is updated with target distance = 1100m
566	speed has reached 138km/h	ODO	T0+1980s		DMI		changing speed is correctly displayed in speed dial range



567	STM updates supervision info (set 47-8)	PROF	T0+1980s	connection of active DMI channel: Message-S47 with target distance = 905m	DMI		supervision info display is updated with target distance = 905m
568	speed has reached 134km/h	ODO	T0+1985s		DMI		changing speed is correctly displayed in speed dial range
569	STM updates supervision info (set 47-9)	PROF	T0+1985s	connection of active DMI channel: Message-S47 with target distance = 717m	DMI		supervision info display is updated with target distance = 717m
570	speed has reached 129km/h	ODO	T0+1990s		DMI		changing speed is correctly displayed in speed dial range
571	STM updates supervision info (set 47-10)	PROF	T0+1990s	connection of active DMI channel: Message-S47 with target distance = 535m	DMI		supervision info display is updated with target distance = 535m
572	speed has reached 125km/h	ODO	T0+1995s		DMI		changing speed is correctly displayed in speed dial range
573	STM updates supervision info (set 47-11)	PROF	T0+1995s	connection of active DMI channel: Message-S47 with target distance = 359m	DMI		supervision info display is updated with target distance = 359m
574	speed has reached 120km/h	ODO	T0+2000s		DMI		changing speed is correctly displayed in speed dial range
575	STM updates supervision info (set 48-1)	PROF	T0+2000s	connection of active DMI channel: Message-S48 with target distance = 1700m	DMI		supervision info display is shown with Permitted speed = 125km/h with speed bar with hook Target speed = 100km/h with speed bar with hook



							Intervention speed = 135km/h with wide bar width Target distance = 1700m with bar and digital
576	speed has reached 115km/h	ODO	T0+2005s		DMI		changing speed is correctly displayed in speed dial range
577	STM updates supervision info (set 48-2)	PROF	T0+2005s	connection of active DMI channel: Message-S48 with target distance = 1537m	DMI		supervision info display is updated with target distance = 1537m
578	speed has reached 111km/h	ODO	T0+2010s		DMI		changing speed is correctly displayed in speed dial range
579	STM updates supervision info (set 48-3)	PROF	T0+2010s	connection of active DMI channel: Message-S48 with target distance = 1380m	DMI		supervision info display is updated with target distance = 1380m
580	speed has reached 106km/h	ODO	T0+2015s		DMI		changing speed is correctly displayed in speed dial range
581	STM updates supervision info (set 48-4)	PROF	T0+2015s	connection of active DMI channel: Message-S48 with target distance = 1230m	DMI		supervision info display is updated with target distance = 1230m
582	speed has reached 102km/h	ODO	T0+2020s		DMI		changing speed is correctly displayed in speed dial range
583	STM updates supervision info (set 48-5)	PROF	T0+2020s	connection of active DMI channel: Message-S48 with target distance = 1086m	DMI		supervision info display is updated with target distance = 1086m
584	speed has reached 97km/h	ODO	T0+2025s		DMI		changing speed is correctly



							displayed in speed dial range
585	STM updates supervision info (set 48-6)	PROF	T0+2025s	connection of active DMI channel: Message-S48 with target distance = 948m	DMI		supervision info display is updated with target distance = 948m
586	speed has reached 93km/h	ODO	T0+2030s		DMI		changing speed is correctly displayed in speed dial range
587	STM updates supervision info (set 48-7)	PROF	T0+2030s	connection of active DMI channel: Message-S48 with target distance = 817m	DMI		supervision info display is updated with target distance = 817m
588	speed has reached 88km/h	ODO	T0+2035s		DMI		changing speed is correctly displayed in speed dial range
589	STM updates supervision info (set 48-8)	PROF	T0+2035s	connection of active DMI channel: Message-S48 with target distance = 692m	DMI		supervision info display is updated with target distance = 692m
590	speed has reached 84km/h	ODO	T0+2040s		DMI		changing speed is correctly displayed in speed dial range
591	STM updates supervision info (set 48-9)	PROF	T0+2040s	connection of active DMI channel: Message-S48 with target distance = 573m	DMI		supervision info display is updated with target distance = 573m
592	speed has reached 79km/h	ODO	T0+2045s		DMI		changing speed is correctly displayed in speed dial range
593	STM updates supervision info (set 48-10)	PROF	T0+2045s	connection of active DMI channel: Message-S48 with target distance = 460m	DMI		supervision info display is updated with target distance = 460m
594	speed has reached 75km/h	ODO	T0+2050s		DMI		changing speed is correctly



							displayed in speed dial range
595	STM updates supervision info (set 48-11)	PROF	T0+2050s	connection of active DMI channel: Message-S48 with target distance = 354m	DMI		supervision info display is updated with target distance = 354m
596	speed has reached 70km/h	ODO	T0+2055s		DMI		changing speed is correctly displayed in speed dial range
597	STM updates supervision info (set 49-1)	PROF	T0+2055s	connection of active DMI channel: Message-S49 with target distance = 1000m	DMI		supervision info display is shown with Permitted speed = 75km/h with speed bar with hook Target speed = 50km/h with speed bar with hook Intervention speed = 85km/h with wide bar width Target distance = 1000m with bar and digital
598	speed has reached 65km/h	ODO	T0+2060s		DMI		changing speed is correctly displayed in speed dial range
599	STM updates supervision info (set 49-2)	PROF	T0+2060s	connection of active DMI channel: Message-S49 with target distance = 906m	DMI		supervision info display is updated with target distance = 906m
600	speed has reached 61km/h	ODO	T0+2065s		DMI		changing speed is correctly displayed in speed dial range
601	STM updates supervision info (set 49-3)	PROF	T0+2065s	connection of active DMI channel: Message-S49 with	DMI		supervision info display is updated with target



				target distance = 819m			distance = 819m
602	speed has reached 56km/h	ODO	T0+2070s		DMI		changing speed is correctly displayed in speed dial range
603	STM updates supervision info (set 49-4)	PROF	T0+2070s	connection of active DMI channel: Message-S49 with target distance = 738m	DMI		supervision info display is updated with target distance = 738m
604	speed has reached 52km/h	ODO	T0+2075s		DMI		changing speed is correctly displayed in speed dial range
605	STM updates supervision info (set 49-5)	PROF	T0+2075s	connection of active DMI channel: Message-S49 with target distance = 663m	DMI		supervision info display is updated with target distance = 663m
606	speed has reached 47km/h	ODO	T0+2080s		DMI		changing speed is correctly displayed in speed dial range
607	STM updates supervision info (set 49-6)	PROF	T0+2080s	connection of active DMI channel: Message-S49 with target distance = 595m	DMI		supervision info display is updated with target distance = 595m
608	speed has reached 43km/h	ODO	T0+2085s		DMI		changing speed is correctly displayed in speed dial range
609	STM updates supervision info (set 49-7)	PROF	T0+2085s	connection of active DMI channel: Message-S49 with target distance = 533m	DMI		supervision info display is updated with target distance = 533m
610	speed has reached 38km/h	ODO	T0+2090s		DMI		changing speed is correctly displayed in speed dial range
611	STM updates supervision info (set 49-8)	PROF	T0+2090s	connection of active DMI channel: Message-S49 with	DMI		supervision info display is updated with target



				target distance = 477m			distance = 477m
612	speed has reached 34km/h	ODO	T0+2095s		DMI		changing speed is correctly displayed in speed dial range
613	STM updates supervision info (set 49-9)	PROF	T0+2095s	connection of active DMI channel: Message-S49 with target distance = 428m	DMI		supervision info display is updated with target distance = 428m
614	speed has reached 29km/h	ODO	T0+2100s		DMI		changing speed is correctly displayed in speed dial range
615	STM updates supervision info (set 49-10)	PROF	T0+2100s	connection of active DMI channel: Message-S49 with target distance = 385m	DMI		supervision info display is updated with target distance = 385m
616	speed has reached 25km/h	ODO	T0+2105s		DMI		changing speed is correctly displayed in speed dial range
617	STM updates supervision info (set 49-11)	PROF	T0+2105s	connection of active DMI channel: Message-S49 with target distance = 348m	DMI		supervision info display is updated with target distance = 348m
618	speed has reached 20km/h	ODO	T0+2110s		DMI		changing speed is correctly displayed in speed dial range
619	STM updates supervision info (set 50-1)	PROF	T0+2110s	connection of active DMI channel: Message-S50 with target distance = 300m	DMI		supervision info display is shown with Permitted speed = 25km/h with speed bar with hook Release speed = 12km/h with bar and digital Intervention speed = 35km/h with wide bar



							width Target distance = 300m with bar and digital
620	speed has reached 16km/h	ODO	T0+2115s		DMI		changing speed is correctly displayed in speed dial range
621	STM updates supervision info (set 50-2)	PROF	T0+2115s	connection of active DMI channel: Message-S50 with target distance = 276m	DMI		supervision info display is updated with target distance = 276m
622	speed has reached 12km/h	ODO	T0+2120s		DMI		changing speed is correctly displayed in speed dial range
623	STM updates supervision info (set 50-3)	PROF	T0+2120s	connection of active DMI channel: Message-S50 with target distance = 257m	DMI		supervision info display is updated with target distance = 257m
624	speed has reached 8km/h	ODO	T0+2125s		DMI		changing speed is correctly displayed in speed dial range
625	STM updates supervision info (set 50-4)	PROF	T0+2125s	connection of active DMI channel: Message-S50 with target distance = 244m	DMI		supervision info display is updated with target distance = 244m
626	speed has reached 3km/h	ODO	T0+2130s		DMI		changing speed is correctly displayed in speed dial range
627	STM updates supervision info (set 50-5)	PROF	T0+2130s	connection of active DMI channel: Message-S50 with target distance = 237m	DMI		supervision info display is updated with target distance = 237m
628	speed has reached 0km/h	ODO	T0+2135s		DMI		changing speed is correctly displayed in speed dial range



629	STM updates supervision info (set 50-6)	PROF	T0+2135s	connection of active DMI channel: Message-S50 with target distance = 236m	DMI		supervision info display is updated with target distance = 236m
	Train is accelerating continuously in the following steps. Permitted speed and target speed increases in steps (scenario with increasing target speeds)						
630	STM updates supervision info (set 51-1)	PROF	T0+2140s	connection of active DMI channel: Message-S51 with target distance = 400m	DMI		supervision info display is shown with Permitted speed = 35km/h with speed bar with hook Target speed = 25km/h with speed bar with hook Intervention speed = 50km/h with wide bar width Target distance = 400m with bar and digital
631	speed has reached 4km/h	ODO	T0+2145s		DMI		changing speed is correctly displayed in speed dial range
632	STM updates supervision info (set 51-2)	PROF	T0+2145s	connection of active DMI channel: Message-S51 with target distance = 398m	DMI		supervision info display is updated with target distance = 398m
633	speed has reached 8km/h	ODO	T0+2150s		DMI		changing speed is correctly displayed in speed dial range
634	STM updates supervision info (set 51-3)	PROF	T0+2150s	connection of active DMI channel: Message-S51 with target distance = 390m	DMI		supervision info display is updated with target distance = 390m
635	speed has reached 12km/h	ODO	T0+2155s		DMI		changing speed is correctly

							displayed in speed dial range
636	STM updates supervision info (set 51-4)	PROF	T0+2155s	connection of active DMI channel: Message-S51 with target distance = 377m	DMI		supervision info display is updated with target distance = 377m
637	speed has reached 16km/h	ODO	T0+2160s		DMI		changing speed is correctly displayed in speed dial range
638	STM updates supervision info (set 51-5)	PROF	T0+2160s	connection of active DMI channel: Message-S51 with target distance = 358m	DMI		supervision info display is updated with target distance = 358m
639	speed has reached 20km/h	ODO	T0+2165s		DMI		changing speed is correctly displayed in speed dial range
640	STM updates supervision info (set 52-1)	PROF	T0+2165s	connection of active DMI channel: Message-S52 with target distance = 1100m	DMI		supervision info display is shown with Permitted speed = 85km/h with speed bar with hook Target speed = 75km/h with speed bar with hook Intervention speed = 100km/h with wide bar width Target distance = 1100m with bar and digital
641	speed has reached 25km/h	ODO	T0+2170s		DMI		changing speed is correctly displayed in speed dial range
642	STM updates supervision info (set 52-2)	PROF	T0+2170s	connection of active DMI channel: Message-S52 with	DMI		supervision info display is updated with target



				target distance = 1070m			distance = 1070m
643	speed has reached 29km/h	ODO	T0+2175s		DMI		changing speed is correctly displayed in speed dial range
644	STM updates supervision info (set 52-3)	PROF	T0+2175s	connection of active DMI channel: Message-S52 with target distance = 1033m	DMI		supervision info display is updated with target distance = 1033m
645	speed has reached 34km/h	ODO	T0+2180s		DMI		changing speed is correctly displayed in speed dial range
646	STM updates supervision info (set 52-4)	PROF	T0+2180s	connection of active DMI channel: Message-S52 with target distance = 990m	DMI		supervision info display is updated with target distance = 990m
647	speed has reached 38km/h	ODO	T0+2185s		DMI		changing speed is correctly displayed in speed dial range
648	STM updates supervision info (set 52-5)	PROF	T0+2185s	connection of active DMI channel: Message-S52 with target distance = 941m	DMI		supervision info display is updated with target distance = 941m
649	speed has reached 43km/h	ODO	T0+2190s		DMI		changing speed is correctly displayed in speed dial range
650	STM updates supervision info (set 52-6)	PROF	T0+2190s	connection of active DMI channel: Message-S52 with target distance = 885m	DMI		supervision info display is updated with target distance = 885m
651	speed has reached 47km/h	ODO	T0+2195s		DMI		changing speed is correctly displayed in speed dial range
652	STM updates supervision info (set 52-7)	PROF	T0+2195s	connection of active DMI channel: Message-S52 with	DMI		supervision info display is updated with target



				target distance = 823m			distance = 823m
653	speed has reached 52km/h	ODO	T0+2200s		DMI		changing speed is correctly displayed in speed dial range
654	STM updates supervision info (set 52-8)	PROF	T0+2200s	connection of active DMI channel: Message-S52 with target distance = 755m	DMI		supervision info display is updated with target distance = 755m
655	speed has reached 56km/h	ODO	T0+2205s		DMI		changing speed is correctly displayed in speed dial range
656	STM updates supervision info (set 52-9)	PROF	T0+2205s	connection of active DMI channel: Message-S52 with target distance = 680m	DMI		supervision info display is updated with target distance = 680m
657	speed has reached 61km/h	ODO	T0+2210s		DMI		changing speed is correctly displayed in speed dial range
658	STM updates supervision info (set 52-10)	PROF	T0+2210s	connection of active DMI channel: Message-S52 with target distance = 599m	DMI		supervision info display is updated with target distance = 599m
659	speed has reached 65km/h	ODO	T0+2215s		DMI		changing speed is correctly displayed in speed dial range
660	STM updates supervision info (set 52-11)	PROF	T0+2215s	connection of active DMI channel: Message-S52 with target distance = 512m	DMI		supervision info display is updated with target distance = 512m
661	speed has reached 70km/h	ODO	T0+2220s		DMI		changing speed is correctly displayed in speed dial range
662	STM updates supervision info (set 53-1)	PROF	T0+2220s	connection of active DMI channel: Message-S53 with	DMI		supervision info display is shown with



				target distance = 1900m			Permitted speed = 135km/h with speed bar with hook Target speed = 125km/h with speed bar with hook Intervention speed = 150km/h with wide bar width Target distance = 1900m with bar and digital
663	speed has reached 75km/h	ODO	T0+2225s		DMI		changing speed is correctly displayed in speed dial range
664	STM updates supervision info (set 53-2)	PROF	T0+2225s	connection of active DMI channel: Message-S53 with target distance = 1800m	DMI		supervision info display is updated with target distance = 1800m
665	speed has reached 79km/h	ODO	T0+2230s		DMI		changing speed is correctly displayed in speed dial range
666	STM updates supervision info (set 53-3)	PROF	T0+2230s	connection of active DMI channel: Message-S53 with target distance = 1694m	DMI		supervision info display is updated with target distance = 1694m
667	speed has reached 84km/h	ODO	T0+2235s		DMI		changing speed is correctly displayed in speed dial range
668	STM updates supervision info (set 53-4)	PROF	T0+2235s	connection of active DMI channel: Message-S53 with target distance = 1581m	DMI		supervision info display is updated with target distance = 1581m
669	speed has reached 88km/h	ODO	T0+2240s		DMI		changing speed is correctly displayed in speed dial range



670	STM updates supervision info (set 53-5)	PROF	T0+2240s	connection of active DMI channel: Message-S53 with target distance = 1462m	DMI		supervision info display is updated with target distance = 1462m
671	speed has reached 93km/h	ODO	T0+2245s		DMI		changing speed is correctly displayed in speed dial range
672	STM updates supervision info (set 53-6)	PROF	T0+2245s	connection of active DMI channel: Message-S53 with target distance = 1337m	DMI		supervision info display is updated with target distance = 1337m
673	speed has reached 97km/h	ODO	T0+2250s		DMI		changing speed is correctly displayed in speed dial range
674	STM updates supervision info (set 53-7)	PROF	T0+2250s	connection of active DMI channel: Message-S53 with target distance = 1206m	DMI		supervision info display is updated with target distance = 1206m
675	speed has reached 102km/h	ODO	T0+2255s		DMI		changing speed is correctly displayed in speed dial range
676	STM updates supervision info (set 53-8)	PROF	T0+2255s	connection of active DMI channel: Message-S53 with target distance = 1068m	DMI		supervision info display is updated with target distance = 1068m
677	speed has reached 106km/h	ODO	T0+2260s		DMI		changing speed is correctly displayed in speed dial range
678	STM updates supervision info (set 53-9)	PROF	T0+2260s	connection of active DMI channel: Message-S53 with target distance = 924m	DMI		supervision info display is updated with target distance = 924m
679	speed has reached 111km/h	ODO	T0+2265s		DMI		changing speed is correctly displayed in speed dial range

680	STM updates supervision info (set 53-10)	PROF	T0+2265s	connection of active DMI channel: Message-S53 with target distance = 774m	DMI		supervision info display is updated with target distance = 774m
681	speed has reached 115km/h	ODO	T0+2270s		DMI		changing speed is correctly displayed in speed dial range
682	STM updates supervision info (set 53-11)	PROF	T0+2270s	connection of active DMI channel: Message-S53 with target distance = 617m	DMI		supervision info display is updated with target distance = 617m
683	speed has reached 120km/h	ODO	T0+2275s		DMI		changing speed is correctly displayed in speed dial range
684	STM updates supervision info (set 54-1)	PROF	T0+2275s	connection of active DMI channel: Message-S54 with target distance = 2700m	DMI		supervision info display is shown with Permitted speed = 185km/h with speed bar with hook Target speed = 175km/h with speed bar with hook Intervention speed = 200km/h with wide bar width Target distance = 2700m with bar and digital
685	speed has reached 125km/h	ODO	T0+2280s		DMI		changing speed is correctly displayed in speed dial range
686	STM updates supervision info (set 54-2)	PROF	T0+2280s	connection of active DMI channel: Message-S54 with target distance = 2531m	DMI		supervision info display is updated with target distance = 2531m
687	speed has reached 129km/h	ODO	T0+2285s		DMI		changing speed is correctly

							displayed in speed dial range
688	STM updates supervision info (set 54-3)	PROF	T0+2285s	connection of active DMI channel: Message-S54 with target distance = 2355m	DMI		supervision info display is updated with target distance = 2355m
689	speed has reached 134km/h	ODO	T0+2290s		DMI		changing speed is correctly displayed in speed dial range
690	STM updates supervision info (set 54-4)	PROF	T0+2290s	connection of active DMI channel: Message-S54 with target distance = 2173m	DMI		supervision info display is updated with target distance = 2173m
691	speed has reached 138km/h	ODO	T0+2295s		DMI		changing speed is correctly displayed in speed dial range
692	STM updates supervision info (set 54-5)	PROF	T0+2295s	connection of active DMI channel: Message-S54 with target distance = 1984m	DMI		supervision info display is updated with target distance = 1984m
693	speed has reached 143km/h	ODO	T0+2300s		DMI		changing speed is correctly displayed in speed dial range
694	STM updates supervision info (set 54-6)	PROF	T0+2300s	connection of active DMI channel: Message-S54 with target distance = 1789m	DMI		supervision info display is updated with target distance = 1789m
695	speed has reached 148km/h	ODO	T0+2305s		DMI		changing speed is correctly displayed in speed dial range
696	STM updates supervision info (set 54-7)	PROF	T0+2305s	connection of active DMI channel: Message-S54 with target distance = 1588m	DMI		supervision info display is updated with target distance = 1588m
697	speed has reached 152km/h	ODO	T0+2310s		DMI		changing speed is correctly

							displayed in speed dial range
698	STM updates supervision info (set 54-8)	PROF	T0+2310s	connection of active DMI channel: Message-S54 with target distance = 1380m	DMI		supervision info display is updated with target distance = 1380m
699	speed has reached 157km/h	ODO	T0+2315s		DMI		changing speed is correctly displayed in speed dial range
700	STM updates supervision info (set 54-9)	PROF	T0+2315s	connection of active DMI channel: Message-S54 with target distance = 1166m	DMI		supervision info display is updated with target distance = 1166m
701	speed has reached 162km/h	ODO	T0+2320s		DMI		changing speed is correctly displayed in speed dial range
702	STM updates supervision info (set 54-10)	PROF	T0+2320s	connection of active DMI channel: Message-S54 with target distance = 945m	DMI		supervision info display is updated with target distance = 945m
703	speed has reached 166km/h	ODO	T0+2325s		DMI		changing speed is correctly displayed in speed dial range
704	STM updates supervision info (set 54-11)	PROF	T0+2325s	connection of active DMI channel: Message-S54 with target distance = 718m	DMI		supervision info display is updated with target distance = 718m
705	speed has reached 171km/h	ODO	T0+2330s		DMI		changing speed is correctly displayed in speed dial range
706	STM updates supervision info (set 54-12)	PROF	T0+2330s	connection of active DMI channel: Message-S54 with target distance = 485m	DMI		supervision info display is updated with target distance = 485m
707	speed has reached 175km/h	ODO	T0+2335s		DMI		changing speed is correctly



							displayed in speed dial range
708	STM updates supervision info (set 54-13)	PROF	T0+2335s	connection of active DMI channel: Message-S54 with target distance = 245m	DMI		supervision info display is updated with target distance = 245m
709	speed has reached 180km/h	ODO	T0+2340s		DMI		changing speed is correctly displayed in speed dial range
	Train is decelerating continuously in the following steps. Permitted speed decreases in steps (RSM scenario)						
710	STM updates supervision info (set 55-1)	PROF	T0+2340s	connection of active DMI channel: Message-S55 with target distance = 7000m	DMI		supervision info display is shown with Permitted speed = 212km/h with speed bar with hook Release speed = 80km/h with bar and digital Intervention speed = 222km/h with wide bar width Target distance = 7000m with bar and digital
711	speed has reached 177km/h	ODO	T0+2345s		DMI		changing speed is correctly displayed in speed dial range
712	STM updates supervision info (set 55-2)	PROF	T0+2345s	connection of active DMI channel: Message-S55 with target distance = 6753m	DMI		supervision info display is updated with target distance = 6753m
713	speed has reached 173km/h	ODO	T0+2350s		DMI		changing speed is correctly displayed in speed dial range

714	STM updates supervision info (set 55-3)	PROF	T0+2350s	connection of active DMI channel: Message-S55 with target distance = 6510m	DMI		supervision info display is updated with target distance = 6510m
715	speed has reached 170km/h	ODO	T0+2355s		DMI		changing speed is correctly displayed in speed dial range
716	STM updates supervision info (set 56-1)	PROF	T0+2355s	connection of active DMI channel: Message-S56 with target distance = 4891m	DMI		supervision info display is shown with Permitted speed = 175km/h with speed bar with hook Release speed = 80km/h with bar and digital Intervention speed = 185km/h with wide bar width Target distance = 4891m with bar and digital
717	speed has reached 165km/h	ODO	T0+2360s		DMI		changing speed is correctly displayed in speed dial range
718	STM updates supervision info (set 56-2)	PROF	T0+2360s	connection of active DMI channel: Message-S56 with target distance = 4659m	DMI		supervision info display is updated with target distance = 4659m
719	speed has reached 161km/h	ODO	T0+2365s		DMI		changing speed is correctly displayed in speed dial range
720	STM updates supervision info (set 56-3)	PROF	T0+2365s	connection of active DMI channel: Message-S56 with target distance = 4433m	DMI		supervision info display is updated with target distance = 4433m
721	speed has reached 156km/h	ODO	T0+2370s		DMI		changing speed is correctly



							displayed in speed dial range
722	STM updates supervision info (set 56-4)	PROF	T0+2370s	connection of active DMI channel: Message-S56 with target distance = 4213m	DMI		supervision info display is updated with target distance = 4213m
723	speed has reached 151km/h	ODO	T0+2375s		DMI		changing speed is correctly displayed in speed dial range
724	STM updates supervision info (set 56-5)	PROF	T0+2375s	connection of active DMI channel: Message-S56 with target distance = 4000m	DMI		supervision info display is updated with target distance = 4000m
725	speed has reached 147km/h	ODO	T0+2380s		DMI		changing speed is correctly displayed in speed dial range
726	STM updates supervision info (set 56-6)	PROF	T0+2380s	connection of active DMI channel: Message-S56 with target distance = 3793m	DMI		supervision info display is updated with target distance = 3793m
727	speed has reached 142km/h	ODO	T0+2385s		DMI		changing speed is correctly displayed in speed dial range
728	STM updates supervision info (set 56-7)	PROF	T0+2385s	connection of active DMI channel: Message-S56 with target distance = 3593m	DMI		supervision info display is updated with target distance = 3593m
729	speed has reached 138km/h	ODO	T0+2390s		DMI		changing speed is correctly displayed in speed dial range
730	STM updates supervision info (set 56-8)	PROF	T0+2390s	connection of active DMI channel: Message-S56 with target distance = 3399m	DMI		supervision info display is updated with target distance = 3399m
731	speed has reached 133km/h	ODO	T0+2395s		DMI		changing speed is correctly



							displayed in speed dial range
732	STM updates supervision info (set 57-1)	PROF	T0+2395s	connection of active DMI channel: Message-S57 with target distance = 3152m	DMI		supervision info display is shown with Permitted speed = 138km/h with speed bar with hook Release speed = 80km/h with bar and digital Intervention speed = 148km/h with wide bar width Target distance = 3152m with bar and digital
733	speed has reached 128km/h	ODO	T0+2400s		DMI		changing speed is correctly displayed in speed dial range
734	STM updates supervision info (set 57-2)	PROF	T0+2400s	connection of active DMI channel: Message-S57 with target distance = 2971m	DMI		supervision info display is updated with target distance = 2971m
735	speed has reached 124km/h	ODO	T0+2405s		DMI		changing speed is correctly displayed in speed dial range
736	STM updates supervision info (set 57-3)	PROF	T0+2405s	connection of active DMI channel: Message-S57 with target distance = 2796m	DMI		supervision info display is updated with target distance = 2796m
737	speed has reached 119km/h	ODO	T0+2410s		DMI		changing speed is correctly displayed in speed dial range
738	STM updates supervision info (set 57-4)	PROF	T0+2410s	connection of active DMI channel: Message-S57 with	DMI		supervision info display is updated with target



				target distance = 2628m			distance = 2628m
739	speed has reached 114km/h	ODO	T0+2415s		DMI		changing speed is correctly displayed in speed dial range
740	STM updates supervision info (set 57-5)	PROF	T0+2415s	connection of active DMI channel: Message-S57 with target distance = 2466m	DMI		supervision info display is updated with target distance = 2466m
741	speed has reached 110km/h	ODO	T0+2420s		DMI		changing speed is correctly displayed in speed dial range
742	STM updates supervision info (set 57-6)	PROF	T0+2420s	connection of active DMI channel: Message-S57 with target distance = 2311m	DMI		supervision info display is updated with target distance = 2311m
743	speed has reached 105km/h	ODO	T0+2425s		DMI		changing speed is correctly displayed in speed dial range
744	STM updates supervision info (set 57-7)	PROF	T0+2425s	connection of active DMI channel: Message-S57 with target distance = 2162m	DMI		supervision info display is updated with target distance = 2162m
745	speed has reached 101km/h	ODO	T0+2430s		DMI		changing speed is correctly displayed in speed dial range
746	STM updates supervision info (set 57-8)	PROF	T0+2430s	connection of active DMI channel: Message-S57 with target distance = 2020m	DMI		supervision info display is updated with target distance = 2020m
747	speed has reached 96km/h	ODO	T0+2435s		DMI		changing speed is correctly displayed in speed dial range
748	STM updates supervision info (set 58-1)	PROF	T0+2435s	connection of active DMI channel: Message-S58 with	DMI		supervision info display is shown with

				target distance = 1820m			Permitted speed = 101km/h with speed bar with hook Release speed = 80km/h with bar and digital Intervention speed = 111km/h with wide bar width Target distance = 1820m with bar and digital
749	speed has reached 91km/h	ODO	T0+2440s		DMI		changing speed is correctly displayed in speed dial range
750	STM updates supervision info (set 58-2)	PROF	T0+2440s	connection of active DMI channel: Message-S58 with target distance = 1690m	DMI		supervision info display is updated with target distance = 1690m
751	speed has reached 87km/h	ODO	T0+2445s		DMI		changing speed is correctly displayed in speed dial range
752	STM updates supervision info (set 58-3)	PROF	T0+2445s	connection of active DMI channel: Message-S58 with target distance = 1567m	DMI		supervision info display is updated with target distance = 1567m
753	speed has reached 82km/h	ODO	T0+2450s		DMI		changing speed is correctly displayed in speed dial range
754	STM updates supervision info (set 58-4)	PROF	T0+2450s	connection of active DMI channel: Message-S58 with target distance = 1450m	DMI		supervision info display is updated with target distance = 1450m
755	speed has reached 77km/h	ODO	T0+2455s		DMI		changing speed is correctly displayed in speed dial range



756	STM updates supervision info (set 58-5)	PROF	T0+2455s	connection of active DMI channel: Message-S58 with target distance = 1340m	DMI		supervision info display is updated with target distance = 1340m
757	speed has reached 73km/h	ODO	T0+2460s		DMI		changing speed is correctly displayed in speed dial range
758	STM updates supervision info (set 58-6)	PROF	T0+2460s	connection of active DMI channel: Message-S58 with target distance = 1236m	DMI		supervision info display is updated with target distance = 1236m
759	speed has reached 68km/h	ODO	T0+2465s		DMI		changing speed is correctly displayed in speed dial range
760	STM updates supervision info (set 58-7)	PROF	T0+2465s	connection of active DMI channel: Message-S58 with target distance = 1138m	DMI		supervision info display is updated with target distance = 1138m
761	speed has reached 64km/h	ODO	T0+2470s		DMI		changing speed is correctly displayed in speed dial range
762	STM updates supervision info (set 58-8)	PROF	T0+2470s	connection of active DMI channel: Message-S58 with target distance = 1047m	DMI		supervision info display is updated with target distance = 1047m
763	speed has reached 59km/h	ODO	T0+2475s		DMI		changing speed is correctly displayed in speed dial range
764	STM updates supervision info (set 59-1)	PROF	T0+2475s	connection of active DMI channel: Message-S59 with target distance = 858m	DMI		supervision info display is shown with Permitted speed = 64km/h with speed bar with hook Release speed = 80km/h with bar and digital



							Intervention speed = 74km/h with wide bar width Target distance = 858m with bar and digital
765	speed has reached 54km/h	ODO	T0+2480s		DMI		changing speed is correctly displayed in speed dial range
766	STM updates supervision info (set 59-2)	PROF	T0+2480s	connection of active DMI channel: Message-S59 with target distance = 780m	DMI		supervision info display is updated with target distance = 780m
767	speed has reached 50km/h	ODO	T0+2485s		DMI		changing speed is correctly displayed in speed dial range
768	STM updates supervision info (set 59-3)	PROF	T0+2485s	connection of active DMI channel: Message-S59 with target distance = 708m	DMI		supervision info display is updated with target distance = 708m
769	speed has reached 45km/h	ODO	T0+2490s		DMI		changing speed is correctly displayed in speed dial range
770	STM updates supervision info (set 59-4)	PROF	T0+2490s	connection of active DMI channel: Message-S59 with target distance = 643m	DMI		supervision info display is updated with target distance = 643m
771	speed has reached 40km/h	ODO	T0+2495s		DMI		changing speed is correctly displayed in speed dial range
772	STM updates supervision info (set 59-5)	PROF	T0+2495s	connection of active DMI channel: Message-S59 with target distance = 584m	DMI		supervision info display is updated with target distance = 584m
773	speed has reached 36km/h	ODO	T0+2500s		DMI		changing speed is correctly

							displayed in speed dial range
774	STM updates supervision info (set 59-6)	PROF	T0+2500s	connection of active DMI channel: Message-S59 with target distance = 531m	DMI		supervision info display is updated with target distance = 531m
775	speed has reached 31km/h	ODO	T0+2505s		DMI		changing speed is correctly displayed in speed dial range
776	STM updates supervision info (set 59-7)	PROF	T0+2505s	connection of active DMI channel: Message-S59 with target distance = 485m	DMI		supervision info display is updated with target distance = 485m
777	speed has reached 27km/h	ODO	T0+2510s		DMI		changing speed is correctly displayed in speed dial range
778	STM updates supervision info (set 59-8)	PROF	T0+2510s	connection of active DMI channel: Message-S59 with target distance = 445m	DMI		supervision info display is updated with target distance = 445m
779	speed has reached 22km/h	ODO	T0+2515s		DMI		changing speed is correctly displayed in speed dial range
780	STM updates supervision info (set 60-1)	PROF	T0+2515s	connection of active DMI channel: Message-S60 with target distance = 266m	DMI		supervision info display is shown with Permitted speed = 27km/h with speed bar with hook Release speed = 80km/h with bar and digital Intervention speed = 37km/h with wide bar width Target distance = 266m



							with bar and digital
781	STM updates supervision info (set 60-2)	PROF	T0+2520s	connection of active DMI channel: Message-S60 with target distance = 236m	DMI		supervision info display is updated with target distance = 236m

Message-S1: STM updates supervision info (set 1)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
NID_PACKET	8	15	State report from STM (STM-15)
L_PACKET	13	25	Packet Length
NID_STMSTATE	4	7	State DA
NID_PACKET	8	43	Supervision Information from STM (STM-43)
L_PACKET	13	100	Packet Length
Q_SCALE	2	1	1m scale
V_PERMIT	10	25	25km/h
V_TARGET	7	0	0km/h
V_RELEASE	10	0	0km/h
V_INTERV	10	35	35km/h
D_TARGET	15	0	0m
M_COLOUR_SP	3	0	White
M_COLOUR_PS	3	0	White
Q_DISPLAY_PS	2	01b	Hook only
M_COLOUR_TS	3	0	White



Q_DISPLAY_TS	2	00b	No display
M_COLOUR_RS	3	0	White
Q_DISPLAY_RS	2	00b	No display
M_COLOUR_IS	3	3	Dark grey
Q_DISPLAY_IS	2	10b	wide bar width
Q_DISPLAY_TD	2	00b	No display
Padding bits	3	000b	

Message-S2: STM updates supervision info (set 2)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=75, VT=0, VR=0, VI=85, DT=0			
MS=0(White), MP=0(White), QP=01b(Hook only), MT=0(White), QT=00b(No display),			
MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S3: STM updates supervision info (set 3)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=125, VT=0, VR=0, VI=135, DT=0			



MS=0(White), MP=0(White), QP=01b(Hook only), MT=0(White), QT=00b(No display),
MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),

Message-S4: STM updates supervision info (set 4)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=175, VT=0, VR=0, VI=185, DT=0			
MS=0(White), MP=0(White), QP=01b(Hook only), MT=0(White), QT=00b(No display),			
MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S5: STM updates supervision info (set 5)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=225, VT=0, VR=0, VI=235, DT=0			
MS=0(White), MP=0(White), QP=01b(Hook only), MT=0(White), QT=00b(No display),			
MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S6 with target distance = <Target distance in m>: STM updates supervision info (set 6-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM



L_MESSAGE	8	18	Message Length
NID_PACKET	8	15	State report from STM (STM-15)
L_PACKET	13	25	Packet Length
NID_STMSTATE	4	7	State DA
NID_PACKET	8	43	Supervision Information from STM (STM-43)
L_PACKET	13	100	Packet Length
Q_SCALE	2	1	1m scale
V_PERMIT	10	225	225km/h
V_TARGET	7	40	200km/h
V_RELEASE	10	0	0km/h
V_INTERV	10	235	235km/h
D_TARGET	15	<Target distance in m>	
M_COLOUR_SP	3	0	White
M_COLOUR_PS	3	0	White
Q_DISPLAY_PS	2	01b	Hook only
M_COLOUR_TS	3	2	Medium grey
Q_DISPLAY_TS	2	01b	Hook only
M_COLOUR_RS	3	0	White
Q_DISPLAY_RS	2	00b	No display
M_COLOUR_IS	3	3	Dark grey
Q_DISPLAY_IS	2	10b	wide bar width
Q_DISPLAY_TD	2	01b	Digital only
Padding bits	3	000b	

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Message-S7 with target distance = <Target distance in m>: STM updates supervision info (set 7-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=175, VT=30, VR=0, VI=185, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S8 with target distance = <Target distance in m>: STM updates supervision info (set 8-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=125, VT=20, VR=0, VI=135, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S9 with target distance = <Target distance in m>: STM updates supervision info (set 9-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=75, VT=10, VR=0, VI=85, DT=<Target distance in m>
 MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=01b(Hook only),
 MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),

Message-S10 with target distance = <Target distance in m>: STM updates supervision info (set 10-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=25, VT=0, VR=12, VI=35, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=0(White), QT=00b(No display), MR=2(Medium grey), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S11 with target distance = <Target distance in m>: STM updates supervision info (set 11-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=35, VT=5, VR=0, VI=50, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=01b(Hook only), MT=0(White), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S12 with target distance = <Target distance in m>: STM updates supervision info (set 12-i)			
VARIABLE	Length	VALUE	COMMENT



NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=85, VT=15, VR=0, VI=100, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=01b(Hook only), MT=0(White), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S13 with target distance = <Target distance in m>: STM updates supervision info (set 13-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=135, VT=25, VR=0, VI=150, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=01b(Hook only), MT=0(White), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S14: STM updates supervision info (set 14)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=185, VT=35, VR=0, VI=200, DT=2700 MS=0(White), MP=3(Dark grey), QP=01b(Hook only), MT=0(White), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=01b(Digital only),			



Message-S15 with target distance = <Target distance in m>: STM updates supervision info (set 15-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=212, VT=0, VR=80, VI=222, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S16 with target distance = <Target distance in m>: STM updates supervision info (set 16-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=175, VT=0, VR=80, VI=185, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S17 with target distance = <Target distance in m>: STM updates supervision info (set 17-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=138, VT=0, VR=80, VI=148, DT=<Target distance in m>
 MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display),
 MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),

Message-S18 with target distance = <Target distance in m>: STM updates supervision info (set 18-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=101, VT=0, VR=80, VI=111, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S19 with target distance = <Target distance in m>: STM updates supervision info (set 19-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=64, VT=0, VR=80, VI=74, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S20 with target distance = <Target distance in m>: STM updates supervision info (set 20-i)			
VARIABLE	Length	VALUE	COMMENT



NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=27, VT=0, VR=80, VI=37, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S21: STM updates supervision info (set 21)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=25, VT=0, VR=0, VI=35, DT=0 MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=00b(No display),			

Message-S22: STM updates supervision info (set 22)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=75, VT=0, VR=0, VI=85, DT=0 MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=00b(No display),			



Message-S23: STM updates supervision info (set 23)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=125, VT=0, VR=0, VI=135, DT=0 MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=00b(No display),			

Message-S24: STM updates supervision info (set 24)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=175, VT=0, VR=0, VI=185, DT=0 MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=00b(No display),			

Message-S25: STM updates supervision info (set 25)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=225, VT=0, VR=0, VI=235, DT=0

MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display),

MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=00b(No display),

Message-S26 with target distance = <Target distance in m>: STM updates supervision info (set 26-i)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=225, VT=40, VR=0, VI=235, DT=<Target distance in m>

MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=10b(Speed bar without hook),

MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),

Message-S27 with target distance = <Target distance in m>: STM updates supervision info (set 27-i)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=175, VT=30, VR=0, VI=185, DT=<Target distance in m>

MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=10b(Speed bar without hook),

MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),

Message-S28 with target distance = <Target distance in m>: STM updates supervision info (set 28-i)

VARIABLE	Length	VALUE	COMMENT
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NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=125, VT=20, VR=0, VI=135, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S29 with target distance = <Target distance in m>: STM updates supervision info (set 29-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=75, VT=10, VR=0, VI=85, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S30 with target distance = <Target distance in m>: STM updates supervision info (set 30-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=25, VT=0, VR=12, VI=35, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display), MR=2(Medium grey), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			



Message-S31 with target distance = <Target distance in m>: STM updates supervision info (set 31-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=35, VT=5, VR=0, VI=50, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=10b(Speed bar without hook), MT=0(White), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S32 with target distance = <Target distance in m>: STM updates supervision info (set 32-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=85, VT=15, VR=0, VI=100, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=10b(Speed bar without hook), MT=0(White), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S33 with target distance = <Target distance in m>: STM updates supervision info (set 33-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=135, VT=25, VR=0, VI=150, DT=<Target distance in m>
 MS=0(White), MP=3(Dark grey), QP=10b(Speed bar without hook), MT=0(White), QT=10b(Speed bar without hook),
 MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=01b(Normal bar width), QD=10b(Bar without digital),

Message-S34: STM updates supervision info (set 34)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=185, VT=35, VR=0, VI=200, DT=2700 MS=0(White), MP=3(Dark grey), QP=10b(Speed bar without hook), MT=0(White), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S35 with target distance = <Target distance in m>: STM updates supervision info (set 35-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=212, VT=0, VR=80, VI=222, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S36 with target distance = <Target distance in m>: STM updates supervision info (set 36-i)			
VARIABLE	Length	VALUE	COMMENT



NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=175, VT=0, VR=80, VI=185, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S37 with target distance = <Target distance in m>: STM updates supervision info (set 37-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=138, VT=0, VR=80, VI=148, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S38 with target distance = <Target distance in m>: STM updates supervision info (set 38-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=101, VT=0, VR=80, VI=111, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			



Message-S39 with target distance = <Target distance in m>: STM updates supervision info (set 39-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=64, VT=0, VR=80, VI=74, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S40 with target distance = <Target distance in m>: STM updates supervision info (set 40-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=27, VT=0, VR=80, VI=37, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S41: STM updates supervision info (set 41)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=25, VT=0, VR=0, VI=35, DT=0
MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display),
MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),

Message-S42: STM updates supervision info (set 42)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=75, VT=0, VR=0, VI=85, DT=0 MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S43: STM updates supervision info (set 43)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=125, VT=0, VR=0, VI=135, DT=0 MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S44: STM updates supervision info (set 44)			
VARIABLE	Length	VALUE	COMMENT



NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=175, VT=0, VR=0, VI=185, DT=0 MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S45: STM updates supervision info (set 45)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=225, VT=0, VR=0, VI=235, DT=0 MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S46 with target distance = <Target distance in m>: STM updates supervision info (set 46-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=225, VT=40, VR=0, VI=235, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			



Message-S47 with target distance = <Target distance in m>: STM updates supervision info (set 47-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=175, VT=30, VR=0, VI=185, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S48 with target distance = <Target distance in m>: STM updates supervision info (set 48-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=125, VT=20, VR=0, VI=135, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S49 with target distance = <Target distance in m>: STM updates supervision info (set 49-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=75, VT=10, VR=0, VI=85, DT=<Target distance in m>
 MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=11b(Speed bar with hook),
 MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),

Message-S50 with target distance = <Target distance in m>: STM updates supervision info (set 50-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=25, VT=0, VR=12, VI=35, DT=<Target distance in m>
 MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display),
 MR=2(Medium grey), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),

Message-S51 with target distance = <Target distance in m>: STM updates supervision info (set 51-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=35, VT=5, VR=0, VI=50, DT=<Target distance in m>
 MS=0(White), MP=3(Dark grey), QP=11b(Speed bar with hook), MT=0(White), QT=11b(Speed bar with hook),
 MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=11b(Bar and digital),

Message-S52 with target distance = <Target distance in m>: STM updates supervision info (set 52-i)			
VARIABLE	Length	VALUE	COMMENT



NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=85, VT=15, VR=0, VI=100, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=11b(Speed bar with hook), MT=0(White), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S53 with target distance = <Target distance in m>: STM updates supervision info (set 53-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=135, VT=25, VR=0, VI=150, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=11b(Speed bar with hook), MT=0(White), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S54: STM updates supervision info (set 54)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=185, VT=35, VR=0, VI=200, DT=2700 MS=0(White), MP=3(Dark grey), QP=11b(Speed bar with hook), MT=0(White), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=11b(Bar and digital),			



Message-S55 with target distance = <Target distance in m>: STM updates supervision info (set 55-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=212, VT=0, VR=80, VI=222, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S56 with target distance = <Target distance in m>: STM updates supervision info (set 56-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=175, VT=0, VR=80, VI=185, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S57 with target distance = <Target distance in m>: STM updates supervision info (set 57-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=138, VT=0, VR=80, VI=148, DT=<Target distance in m>
 MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display),
 MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),

Message-S58 with target distance = <Target distance in m>: STM updates supervision info (set 58-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=101, VT=0, VR=80, VI=111, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S59 with target distance = <Target distance in m>: STM updates supervision info (set 59-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=64, VT=0, VR=80, VI=74, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S60 with target distance = <Target distance in m>: STM updates supervision info (set 60-i)			
VARIABLE	Length	VALUE	COMMENT



NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=27, VT=0, VR=80, VI=37, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

2.6.5 Test Case 7f.5

TEST CASE HEADER	
Test case identification	DMI Function
	<p>7f1.0.2.4.X.0.0.((7f2.0.1.(7f3.0.1.1.1.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))* ((7f2.0.1.(7f3.0.2.2.3.0.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))* ((7f2.0.1.(7f3.0.2.2.3.2.3.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))* ((7f2.0.1.(7f3.0.2.2.1.0.0).0.(7f4.0.1.2.4.3.3.0).1.1.0))* ((7f2.0.1.(7f3.0.2.2.3.2.3.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))* ((7f2.0.1.(7f3.0.2.2.3.2.3.0).0.(7f4.0.1.2.1.3.4.0).1.2.0))* ((7f2.0.1.(7f3.0.1.1.1.0).0.(7f4.0.1.3.1.2.4.0).3.1.0))* ((7f2.0.1.(7f3.0.3.3.3.0.0).0.(7f4.0.2.3.1.2.4.0).3.1.0))* ((7f2.0.1.(7f3.0.3.3.3.3.0).0.(7f4.0.2.3.1.2.4.0).4.1.0))* ((7f2.0.1.(7f3.0.3.3.1.0.0).0.(7f4.0.2.3.4.2.3.0).3.1.0))* ((7f2.0.1.(7f3.0.3.3.3.3.0).0.(7f4.0.2.3.1.2.4.0).4.1.0))* ((7f2.0.1.(7f3.0.3.3.3.3.0).0.(7f4.0.2.3.1.2.4.0).5.2.0))* ((7f2.0.1.(7f3.0.1.1.1.0).0.(7f4.0.1.4.1.3.4.0).3.1.0))* ((7f2.0.1.(7f3.0.4.4.3.0.0).0.(7f4.0.2.4.1.3.4.0).3.1.0))* ((7f2.0.1.(7f3.0.4.4.3.4.3.0).0.(7f4.0.2.4.1.3.4.0).4.1.0))* ((7f2.0.1.(7f3.0.4.4.1.0.0).0.(7f4.0.2.4.4.3.3.0).3.1.0))* ((7f2.0.1.(7f3.0.4.4.3.4.3.0).0.(7f4.0.2.4.1.3.4.0).4.1.0))* ((7f2.0.1.(7f3.0.4.4.3.4.3.0).0.(7f4.0.2.4.1.3.4.0).5.2.0))*</p> <p>X=1,2,3 or 4 depending on configured ETCS speed dial range.</p> <p>Test for display of speed and distance supervision information with STM speed dial range configured as 400km/h: Supervision info is shown in all possible display modes with increasing and decreasing speeds values to demonstrate correct display in</p>



	circular speed gauge for STM speed dial range.
ERTMS/ETCS on-board requirements tested	SUBSET-035 13.4.6.4
	ERA ERTMS 015560 (DMI Spec) 9.3.7.1, 9.3.7.1.1, 9.3.7.1.2, 9.3.7.1.3, 9.3.7.1.4, 9.3.7.1.5 a),b),c), 9.3.7.1.6, 9.3.7.1.7, 9.3.7.1.8, 9.3.7.1.8 a)-j), 9.3.7.1.9, 9.5.2.4
STM requirements tested	
Packets transmitted via FFFIS STM	STM-15, STM-43
ERTMS/ETCS on-board configuration	Customisable DMI with configuration 7a.9
Comments and constraints	Starting and end conditions as for test case 7f.2

ERTMS/ETCS on-board Test Case

Step	Description/Comments	Input I/F	Input time	Input Action	Output I/F	Output time limit	Output action
	Train is accelerating continuously in the following steps. Permitted speed increases in steps (CSM scenario)						
1	STM updates supervision info (set 1)	PROF	T0	connection of active DMI channel: Message-S1	DMI		supervision info display is shown with Permitted speed = 40km/h with hook only Intervention speed = 50km/h with wide bar width
2	speed has reached 35km/h	ODO	T0+35s		DMI		changing speed is correctly displayed in speed dial range
3	STM updates supervision info (set 2)	PROF	T0+35s	connection of active DMI channel: Message-S2	DMI		supervision info display is shown with



							Permitted speed = 120km/h with hook only Intervention speed = 130km/h with wide bar width
4	speed has reached 115km/h	ODO	T0+115s		DMI		changing speed is correctly displayed in speed dial range
5	STM updates supervision info (set 3)	PROF	T0+115s	connection of active DMI channel: Message-S3	DMI		supervision info display is shown with Permitted speed = 200km/h with hook only Intervention speed = 210km/h with wide bar width
6	speed has reached 195km/h	ODO	T0+195s		DMI		changing speed is correctly displayed in speed dial range
7	STM updates supervision info (set 4)	PROF	T0+195s	connection of active DMI channel: Message-S4	DMI		supervision info display is shown with Permitted speed = 280km/h with hook only Intervention speed = 290km/h with wide bar width
8	speed has reached 275km/h	ODO	T0+275s		DMI		changing speed is correctly displayed in speed dial range
9	STM updates supervision info (set 5)	PROF	T0+275s	connection of active DMI channel: Message-S5	DMI		supervision info display is shown with

							Permitted speed = 360km/h with hook only Intervention speed = 370km/h with wide bar width
10	speed has reached 355km/h	ODO	T0+355s		DMI		changing speed is correctly displayed in speed dial range
	Train is decelerating continuously in the following steps. Permitted speed and target speed decrease in steps (TSM scenario)						
11	STM updates supervision info (set 6-1)	PROF	T0+355s	connection of active DMI channel: Message-S6 with target distance = 8000m	DMI		supervision info display is shown with Permitted speed = 360km/h with hook only Target speed = 320km/h with hook only Intervention speed = 370km/h with wide bar width Target distance = 8000m with digital only
12	speed has reached 350km/h	ODO	T0+360s		DMI		changing speed is correctly displayed in speed dial range
13	STM updates supervision info (set 6-2)	PROF	T0+360s	connection of active DMI channel: Message-S6 with target distance = 7511m	DMI		supervision info display is updated with target distance = 7511m
14	speed has reached 346km/h	ODO	T0+365s		DMI		changing speed is correctly displayed in speed dial



							range
15	STM updates supervision info (set 6-3)	PROF	T0+365s	connection of active DMI channel: Message-S6 with target distance = 7028m	DMI		supervision info display is updated with target distance = 7028m
16	speed has reached 341km/h	ODO	T0+370s		DMI		changing speed is correctly displayed in speed dial range
17	STM updates supervision info (set 6-4)	PROF	T0+370s	connection of active DMI channel: Message-S6 with target distance = 6552m	DMI		supervision info display is updated with target distance = 6552m
18	speed has reached 336km/h	ODO	T0+375s		DMI		changing speed is correctly displayed in speed dial range
19	STM updates supervision info (set 6-5)	PROF	T0+375s	connection of active DMI channel: Message-S6 with target distance = 6082m	DMI		supervision info display is updated with target distance = 6082m
20	speed has reached 331km/h	ODO	T0+380s		DMI		changing speed is correctly displayed in speed dial range
21	STM updates supervision info (set 6-6)	PROF	T0+380s	connection of active DMI channel: Message-S6 with target distance = 5619m	DMI		supervision info display is updated with target distance = 5619m
22	speed has reached 327km/h	ODO	T0+385s		DMI		changing speed is correctly displayed in speed dial range
23	STM updates supervision info (set 6-7)	PROF	T0+385s	connection of active DMI channel: Message-S6 with target distance = 5162m	DMI		supervision info display is updated with target distance = 5162m
24	speed has reached 322km/h	ODO	T0+390s		DMI		changing speed is correctly displayed in speed dial



							range
25	STM updates supervision info (set 6-8)	PROF	T0+390s	connection of active DMI channel: Message-S6 with target distance = 4712m	DMI		supervision info display is updated with target distance = 4712m
26	speed has reached 317km/h	ODO	T0+395s		DMI		changing speed is correctly displayed in speed dial range
27	STM updates supervision info (set 6-9)	PROF	T0+395s	connection of active DMI channel: Message-S6 with target distance = 4268m	DMI		supervision info display is updated with target distance = 4268m
28	speed has reached 313km/h	ODO	T0+400s		DMI		changing speed is correctly displayed in speed dial range
29	STM updates supervision info (set 6-10)	PROF	T0+400s	connection of active DMI channel: Message-S6 with target distance = 3831m	DMI		supervision info display is updated with target distance = 3831m
30	speed has reached 308km/h	ODO	T0+405s		DMI		changing speed is correctly displayed in speed dial range
31	STM updates supervision info (set 6-11)	PROF	T0+405s	connection of active DMI channel: Message-S6 with target distance = 3401m	DMI		supervision info display is updated with target distance = 3401m
32	speed has reached 303km/h	ODO	T0+410s		DMI		changing speed is correctly displayed in speed dial range
33	STM updates supervision info (set 6-12)	PROF	T0+410s	connection of active DMI channel: Message-S6 with target distance = 2977m	DMI		supervision info display is updated with target distance = 2977m
34	speed has reached 299km/h	ODO	T0+415s		DMI		changing speed is correctly displayed in speed dial



							range
35	STM updates supervision info (set 6-13)	PROF	T0+415s	connection of active DMI channel: Message-S6 with target distance = 2560m	DMI		supervision info display is updated with target distance = 2560m
36	speed has reached 294km/h	ODO	T0+420s		DMI		changing speed is correctly displayed in speed dial range
37	STM updates supervision info (set 6-14)	PROF	T0+420s	connection of active DMI channel: Message-S6 with target distance = 2149m	DMI		supervision info display is updated with target distance = 2149m
38	speed has reached 289km/h	ODO	T0+425s		DMI		changing speed is correctly displayed in speed dial range
39	STM updates supervision info (set 6-15)	PROF	T0+425s	connection of active DMI channel: Message-S6 with target distance = 1745m	DMI		supervision info display is updated with target distance = 1745m
40	speed has reached 284km/h	ODO	T0+430s		DMI		changing speed is correctly displayed in speed dial range
41	STM updates supervision info (set 6-16)	PROF	T0+430s	connection of active DMI channel: Message-S6 with target distance = 1347m	DMI		supervision info display is updated with target distance = 1347m
42	speed has reached 280km/h	ODO	T0+435s		DMI		changing speed is correctly displayed in speed dial range
43	STM updates supervision info (set 6-17)	PROF	T0+435s	connection of active DMI channel: Message-S6 with target distance = 956m	DMI		supervision info display is updated with target distance = 956m
44	speed has reached 275km/h	ODO	T0+440s		DMI		changing speed is correctly displayed in speed dial

							range
45	STM updates supervision info (set 7-1)	PROF	T0+440s	connection of active DMI channel: Message-S7 with target distance = 6200m	DMI		supervision info display is shown with Permitted speed = 280km/h with hook only Target speed = 240km/h with hook only Intervention speed = 290km/h with wide bar width Target distance = 6200m with digital only
46	speed has reached 270km/h	ODO	T0+445s		DMI		changing speed is correctly displayed in speed dial range
47	STM updates supervision info (set 7-2)	PROF	T0+445s	connection of active DMI channel: Message-S7 with target distance = 5822m	DMI		supervision info display is updated with target distance = 5822m
48	speed has reached 266km/h	ODO	T0+450s		DMI		changing speed is correctly displayed in speed dial range
49	STM updates supervision info (set 7-3)	PROF	T0+450s	connection of active DMI channel: Message-S7 with target distance = 5450m	DMI		supervision info display is updated with target distance = 5450m
50	speed has reached 261km/h	ODO	T0+455s		DMI		changing speed is correctly displayed in speed dial range
51	STM updates supervision info (set 7-4)	PROF	T0+455s	connection of active DMI channel: Message-S7 with target distance = 5085m	DMI		supervision info display is updated with target distance = 5085m



52	speed has reached 256km/h	ODO	T0+460s		DMI		changing speed is correctly displayed in speed dial range
53	STM updates supervision info (set 7-5)	PROF	T0+460s	connection of active DMI channel: Message-S7 with target distance = 4726m	DMI		supervision info display is updated with target distance = 4726m
54	speed has reached 251km/h	ODO	T0+465s		DMI		changing speed is correctly displayed in speed dial range
55	STM updates supervision info (set 7-6)	PROF	T0+465s	connection of active DMI channel: Message-S7 with target distance = 4374m	DMI		supervision info display is updated with target distance = 4374m
56	speed has reached 247km/h	ODO	T0+470s		DMI		changing speed is correctly displayed in speed dial range
57	STM updates supervision info (set 7-7)	PROF	T0+470s	connection of active DMI channel: Message-S7 with target distance = 4028m	DMI		supervision info display is updated with target distance = 4028m
58	speed has reached 242km/h	ODO	T0+475s		DMI		changing speed is correctly displayed in speed dial range
59	STM updates supervision info (set 7-8)	PROF	T0+475s	connection of active DMI channel: Message-S7 with target distance = 3689m	DMI		supervision info display is updated with target distance = 3689m
60	speed has reached 237km/h	ODO	T0+480s		DMI		changing speed is correctly displayed in speed dial range
61	STM updates supervision info (set 7-9)	PROF	T0+480s	connection of active DMI channel: Message-S7 with target distance = 3357m	DMI		supervision info display is updated with target distance = 3357m



62	speed has reached 233km/h	ODO	T0+485s		DMI		changing speed is correctly displayed in speed dial range
63	STM updates supervision info (set 7-10)	PROF	T0+485s	connection of active DMI channel: Message-S7 with target distance = 3031m	DMI		supervision info display is updated with target distance = 3031m
64	speed has reached 228km/h	ODO	T0+490s		DMI		changing speed is correctly displayed in speed dial range
65	STM updates supervision info (set 7-11)	PROF	T0+490s	connection of active DMI channel: Message-S7 with target distance = 2712m	DMI		supervision info display is updated with target distance = 2712m
66	speed has reached 223km/h	ODO	T0+495s		DMI		changing speed is correctly displayed in speed dial range
67	STM updates supervision info (set 7-12)	PROF	T0+495s	connection of active DMI channel: Message-S7 with target distance = 2399m	DMI		supervision info display is updated with target distance = 2399m
68	speed has reached 219km/h	ODO	T0+500s		DMI		changing speed is correctly displayed in speed dial range
69	STM updates supervision info (set 7-13)	PROF	T0+500s	connection of active DMI channel: Message-S7 with target distance = 2093m	DMI		supervision info display is updated with target distance = 2093m
70	speed has reached 214km/h	ODO	T0+505s		DMI		changing speed is correctly displayed in speed dial range
71	STM updates supervision info (set 7-14)	PROF	T0+505s	connection of active DMI channel: Message-S7 with target distance = 1793m	DMI		supervision info display is updated with target distance = 1793m



72	speed has reached 209km/h	ODO	T0+510s		DMI		changing speed is correctly displayed in speed dial range
73	STM updates supervision info (set 7-15)	PROF	T0+510s	connection of active DMI channel: Message-S7 with target distance = 1500m	DMI		supervision info display is updated with target distance = 1500m
74	speed has reached 204km/h	ODO	T0+515s		DMI		changing speed is correctly displayed in speed dial range
75	STM updates supervision info (set 7-16)	PROF	T0+515s	connection of active DMI channel: Message-S7 with target distance = 1213m	DMI		supervision info display is updated with target distance = 1213m
76	speed has reached 200km/h	ODO	T0+520s		DMI		changing speed is correctly displayed in speed dial range
77	STM updates supervision info (set 7-17)	PROF	T0+520s	connection of active DMI channel: Message-S7 with target distance = 933m	DMI		supervision info display is updated with target distance = 933m
78	speed has reached 195km/h	ODO	T0+525s		DMI		changing speed is correctly displayed in speed dial range
79	STM updates supervision info (set 8-1)	PROF	T0+525s	connection of active DMI channel: Message-S8 with target distance = 4400m	DMI		supervision info display is shown with Permitted speed = 200km/h with hook only Target speed = 160km/h with hook only Intervention speed = 210km/h with wide bar width



							Target distance = 4400m with digital only
80	speed has reached 190km/h	ODO	T0+530s		DMI		changing speed is correctly displayed in speed dial range
81	STM updates supervision info (set 8-2)	PROF	T0+530s	connection of active DMI channel: Message-S8 with target distance = 4133m	DMI		supervision info display is updated with target distance = 4133m
82	speed has reached 186km/h	ODO	T0+535s		DMI		changing speed is correctly displayed in speed dial range
83	STM updates supervision info (set 8-3)	PROF	T0+535s	connection of active DMI channel: Message-S8 with target distance = 3872m	DMI		supervision info display is updated with target distance = 3872m
84	speed has reached 181km/h	ODO	T0+540s		DMI		changing speed is correctly displayed in speed dial range
85	STM updates supervision info (set 8-4)	PROF	T0+540s	connection of active DMI channel: Message-S8 with target distance = 3618m	DMI		supervision info display is updated with target distance = 3618m
86	speed has reached 176km/h	ODO	T0+545s		DMI		changing speed is correctly displayed in speed dial range
87	STM updates supervision info (set 8-5)	PROF	T0+545s	connection of active DMI channel: Message-S8 with target distance = 3371m	DMI		supervision info display is updated with target distance = 3371m
88	speed has reached 171km/h	ODO	T0+550s		DMI		changing speed is correctly displayed in speed dial range
89	STM updates supervision info (set 8-6)	PROF	T0+550s	connection of active DMI	DMI		supervision info display is



				channel: Message-S8 with target distance = 3130m			updated with target distance = 3130m
90	speed has reached 167km/h	ODO	T0+555s		DMI		changing speed is correctly displayed in speed dial range
91	STM updates supervision info (set 8-7)	PROF	T0+555s	connection of active DMI channel: Message-S8 with target distance = 2896m	DMI		supervision info display is updated with target distance = 2896m
92	speed has reached 162km/h	ODO	T0+560s		DMI		changing speed is correctly displayed in speed dial range
93	STM updates supervision info (set 8-8)	PROF	T0+560s	connection of active DMI channel: Message-S8 with target distance = 2668m	DMI		supervision info display is updated with target distance = 2668m
94	speed has reached 157km/h	ODO	T0+565s		DMI		changing speed is correctly displayed in speed dial range
95	STM updates supervision info (set 8-9)	PROF	T0+565s	connection of active DMI channel: Message-S8 with target distance = 2447m	DMI		supervision info display is updated with target distance = 2447m
96	speed has reached 153km/h	ODO	T0+570s		DMI		changing speed is correctly displayed in speed dial range
97	STM updates supervision info (set 8-10)	PROF	T0+570s	connection of active DMI channel: Message-S8 with target distance = 2232m	DMI		supervision info display is updated with target distance = 2232m
98	speed has reached 148km/h	ODO	T0+575s		DMI		changing speed is correctly displayed in speed dial range
99	STM updates supervision info (set 8-11)	PROF	T0+575s	connection of active DMI	DMI		supervision info display is



				channel: Message-S8 with target distance = 2024m			updated with target distance = 2024m
100	speed has reached 143km/h	ODO	T0+580s		DMI		changing speed is correctly displayed in speed dial range
101	STM updates supervision info (set 8-12)	PROF	T0+580s	connection of active DMI channel: Message-S8 with target distance = 1822m	DMI		supervision info display is updated with target distance = 1822m
102	speed has reached 139km/h	ODO	T0+585s		DMI		changing speed is correctly displayed in speed dial range
103	STM updates supervision info (set 8-13)	PROF	T0+585s	connection of active DMI channel: Message-S8 with target distance = 1627m	DMI		supervision info display is updated with target distance = 1627m
104	speed has reached 134km/h	ODO	T0+590s		DMI		changing speed is correctly displayed in speed dial range
105	STM updates supervision info (set 8-14)	PROF	T0+590s	connection of active DMI channel: Message-S8 with target distance = 1438m	DMI		supervision info display is updated with target distance = 1438m
106	speed has reached 129km/h	ODO	T0+595s		DMI		changing speed is correctly displayed in speed dial range
107	STM updates supervision info (set 8-15)	PROF	T0+595s	connection of active DMI channel: Message-S8 with target distance = 1256m	DMI		supervision info display is updated with target distance = 1256m
108	speed has reached 124km/h	ODO	T0+600s		DMI		changing speed is correctly displayed in speed dial range
109	STM updates supervision info (set 8-16)	PROF	T0+600s	connection of active DMI	DMI		supervision info display is



				channel: Message-S8 with target distance = 1080m			updated with target distance = 1080m
110	speed has reached 120km/h	ODO	T0+605s		DMI		changing speed is correctly displayed in speed dial range
111	STM updates supervision info (set 8-17)	PROF	T0+605s	connection of active DMI channel: Message-S8 with target distance = 911m	DMI		supervision info display is updated with target distance = 911m
112	speed has reached 115km/h	ODO	T0+610s		DMI		changing speed is correctly displayed in speed dial range
113	STM updates supervision info (set 9-1)	PROF	T0+610s	connection of active DMI channel: Message-S9 with target distance = 2700m	DMI		supervision info display is shown with Permitted speed = 120km/h with hook only Target speed = 80km/h with hook only Intervention speed = 130km/h with wide bar width Target distance = 2700m with digital only
114	speed has reached 110km/h	ODO	T0+615s		DMI		changing speed is correctly displayed in speed dial range
115	STM updates supervision info (set 9-2)	PROF	T0+615s	connection of active DMI channel: Message-S9 with target distance = 2544m	DMI		supervision info display is updated with target distance = 2544m
116	speed has reached 106km/h	ODO	T0+620s		DMI		changing speed is correctly displayed in speed dial



							range
117	STM updates supervision info (set 9-3)	PROF	T0+620s	connection of active DMI channel: Message-S9 with target distance = 2395m	DMI		supervision info display is updated with target distance = 2395m
118	speed has reached 101km/h	ODO	T0+625s		DMI		changing speed is correctly displayed in speed dial range
119	STM updates supervision info (set 9-4)	PROF	T0+625s	connection of active DMI channel: Message-S9 with target distance = 2252m	DMI		supervision info display is updated with target distance = 2252m
120	speed has reached 96km/h	ODO	T0+630s		DMI		changing speed is correctly displayed in speed dial range
121	STM updates supervision info (set 9-5)	PROF	T0+630s	connection of active DMI channel: Message-S9 with target distance = 2116m	DMI		supervision info display is updated with target distance = 2116m
122	speed has reached 91km/h	ODO	T0+635s		DMI		changing speed is correctly displayed in speed dial range
123	STM updates supervision info (set 9-6)	PROF	T0+635s	connection of active DMI channel: Message-S9 with target distance = 1986m	DMI		supervision info display is updated with target distance = 1986m
124	speed has reached 87km/h	ODO	T0+640s		DMI		changing speed is correctly displayed in speed dial range
125	STM updates supervision info (set 9-7)	PROF	T0+640s	connection of active DMI channel: Message-S9 with target distance = 1863m	DMI		supervision info display is updated with target distance = 1863m
126	speed has reached 82km/h	ODO	T0+645s		DMI		changing speed is correctly displayed in speed dial



							range
127	STM updates supervision info (set 9-8)	PROF	T0+645s	connection of active DMI channel: Message-S9 with target distance = 1746m	DMI		supervision info display is updated with target distance = 1746m
128	speed has reached 77km/h	ODO	T0+650s		DMI		changing speed is correctly displayed in speed dial range
129	STM updates supervision info (set 9-9)	PROF	T0+650s	connection of active DMI channel: Message-S9 with target distance = 1636m	DMI		supervision info display is updated with target distance = 1636m
130	speed has reached 73km/h	ODO	T0+655s		DMI		changing speed is correctly displayed in speed dial range
131	STM updates supervision info (set 9-10)	PROF	T0+655s	connection of active DMI channel: Message-S9 with target distance = 1532m	DMI		supervision info display is updated with target distance = 1532m
132	speed has reached 68km/h	ODO	T0+660s		DMI		changing speed is correctly displayed in speed dial range
133	STM updates supervision info (set 9-11)	PROF	T0+660s	connection of active DMI channel: Message-S9 with target distance = 1435m	DMI		supervision info display is updated with target distance = 1435m
134	speed has reached 63km/h	ODO	T0+665s		DMI		changing speed is correctly displayed in speed dial range
135	STM updates supervision info (set 9-12)	PROF	T0+665s	connection of active DMI channel: Message-S9 with target distance = 1344m	DMI		supervision info display is updated with target distance = 1344m
136	speed has reached 59km/h	ODO	T0+670s		DMI		changing speed is correctly displayed in speed dial



							range
137	STM updates supervision info (set 9-13)	PROF	T0+670s	connection of active DMI channel: Message-S9 with target distance = 1260m	DMI		supervision info display is updated with target distance = 1260m
138	speed has reached 54km/h	ODO	T0+675s		DMI		changing speed is correctly displayed in speed dial range
139	STM updates supervision info (set 9-14)	PROF	T0+675s	connection of active DMI channel: Message-S9 with target distance = 1182m	DMI		supervision info display is updated with target distance = 1182m
140	speed has reached 49km/h	ODO	T0+680s		DMI		changing speed is correctly displayed in speed dial range
141	STM updates supervision info (set 9-15)	PROF	T0+680s	connection of active DMI channel: Message-S9 with target distance = 1111m	DMI		supervision info display is updated with target distance = 1111m
142	speed has reached 44km/h	ODO	T0+685s		DMI		changing speed is correctly displayed in speed dial range
143	STM updates supervision info (set 9-16)	PROF	T0+685s	connection of active DMI channel: Message-S9 with target distance = 1047m	DMI		supervision info display is updated with target distance = 1047m
144	speed has reached 40km/h	ODO	T0+690s		DMI		changing speed is correctly displayed in speed dial range
145	STM updates supervision info (set 9-17)	PROF	T0+690s	connection of active DMI channel: Message-S9 with target distance = 989m	DMI		supervision info display is updated with target distance = 989m
146	speed has reached 35km/h	ODO	T0+695s		DMI		changing speed is correctly displayed in speed dial

							range
147	STM updates supervision info (set 10-1)	PROF	T0+695s	connection of active DMI channel: Message-S10 with target distance = 900m	DMI		supervision info display is shown with Permitted speed = 40km/h with hook only Release speed = 20km/h with digital only Intervention speed = 50km/h with wide bar width Target distance = 900m with digital only
148	speed has reached 31km/h	ODO	T0+700s		DMI		changing speed is correctly displayed in speed dial range
149	STM updates supervision info (set 10-2)	PROF	T0+700s	connection of active DMI channel: Message-S10 with target distance = 855m	DMI		supervision info display is updated with target distance = 855m
150	speed has reached 26km/h	ODO	T0+705s		DMI		changing speed is correctly displayed in speed dial range
151	STM updates supervision info (set 10-3)	PROF	T0+705s	connection of active DMI channel: Message-S10 with target distance = 816m	DMI		supervision info display is updated with target distance = 816m
152	speed has reached 22km/h	ODO	T0+710s		DMI		changing speed is correctly displayed in speed dial range
153	STM updates supervision info (set 10-4)	PROF	T0+710s	connection of active DMI channel: Message-S10 with target distance = 783m	DMI		supervision info display is updated with target distance = 783m



154	speed has reached 17km/h	ODO	T0+715s		DMI		changing speed is correctly displayed in speed dial range
155	STM updates supervision info (set 10-5)	PROF	T0+715s	connection of active DMI channel: Message-S10 with target distance = 756m	DMI		supervision info display is updated with target distance = 756m
156	speed has reached 13km/h	ODO	T0+720s		DMI		changing speed is correctly displayed in speed dial range
157	STM updates supervision info (set 10-6)	PROF	T0+720s	connection of active DMI channel: Message-S10 with target distance = 736m	DMI		supervision info display is updated with target distance = 736m
158	speed has reached 8km/h	ODO	T0+725s		DMI		changing speed is correctly displayed in speed dial range
159	STM updates supervision info (set 10-7)	PROF	T0+725s	connection of active DMI channel: Message-S10 with target distance = 722m	DMI		supervision info display is updated with target distance = 722m
160	speed has reached 4km/h	ODO	T0+730s		DMI		changing speed is correctly displayed in speed dial range
161	STM updates supervision info (set 10-8)	PROF	T0+730s	connection of active DMI channel: Message-S10 with target distance = 714m	DMI		supervision info display is updated with target distance = 714m
162	speed has reached 0km/h	ODO	T0+735s		DMI		changing speed is correctly displayed in speed dial range
163	STM updates supervision info (set 10-9)	PROF	T0+735s	connection of active DMI channel: Message-S10 with target distance = 712m	DMI		supervision info display is updated with target distance = 712m

	Train is accelerating continuously in the following steps. Permitted speed and target speed increases in steps (scenario with increasing target speeds)						
164	STM updates supervision info (set 11-1)	PROF	T0+740s	connection of active DMI channel: Message-S11 with target distance = 1000m	DMI		supervision info display is shown with Permitted speed = 50km/h with hook only Target speed = 40km/h with hook only Intervention speed = 80km/h with wide bar width Target distance = 1000m with digital only
165	speed has reached 4km/h	ODO	T0+745s		DMI		changing speed is correctly displayed in speed dial range
166	STM updates supervision info (set 11-2)	PROF	T0+745s	connection of active DMI channel: Message-S11 with target distance = 997m	DMI		supervision info display is updated with target distance = 997m
167	speed has reached 9km/h	ODO	T0+750s		DMI		changing speed is correctly displayed in speed dial range
168	STM updates supervision info (set 11-3)	PROF	T0+750s	connection of active DMI channel: Message-S11 with target distance = 988m	DMI		supervision info display is updated with target distance = 988m
169	speed has reached 13km/h	ODO	T0+755s		DMI		changing speed is correctly displayed in speed dial range
170	STM updates supervision info (set 11-4)	PROF	T0+755s	connection of active DMI	DMI		supervision info display is



				channel: Message-S11 with target distance = 973m			updated with target distance = 973m
171	speed has reached 18km/h	ODO	T0+760s		DMI		changing speed is correctly displayed in speed dial range
172	STM updates supervision info (set 11-5)	PROF	T0+760s	connection of active DMI channel: Message-S11 with target distance = 952m	DMI		supervision info display is updated with target distance = 952m
173	speed has reached 22km/h	ODO	T0+765s		DMI		changing speed is correctly displayed in speed dial range
174	STM updates supervision info (set 11-6)	PROF	T0+765s	connection of active DMI channel: Message-S11 with target distance = 925m	DMI		supervision info display is updated with target distance = 925m
175	speed has reached 26km/h	ODO	T0+770s		DMI		changing speed is correctly displayed in speed dial range
176	STM updates supervision info (set 11-7)	PROF	T0+770s	connection of active DMI channel: Message-S11 with target distance = 892m	DMI		supervision info display is updated with target distance = 892m
177	speed has reached 31km/h	ODO	T0+775s		DMI		changing speed is correctly displayed in speed dial range
178	STM updates supervision info (set 11-8)	PROF	T0+775s	connection of active DMI channel: Message-S11 with target distance = 853m	DMI		supervision info display is updated with target distance = 853m
179	speed has reached 35km/h	ODO	T0+780s		DMI		changing speed is correctly displayed in speed dial range
180	STM updates supervision info (set 12-1)	PROF	T0+780s	connection of active DMI	DMI		supervision info display is

				channel: Message-S12 with target distance = 2900m			shown with Permitted speed = 130km/h with hook only Target speed = 120km/h with hook only Intervention speed = 160km/h with wide bar width Target distance = 2900m with digital only
181	speed has reached 40km/h	ODO	T0+785s		DMI		changing speed is correctly displayed in speed dial range
182	STM updates supervision info (set 12-2)	PROF	T0+785s	connection of active DMI channel: Message-S12 with target distance = 2849m	DMI		supervision info display is updated with target distance = 2849m
183	speed has reached 44km/h	ODO	T0+790s		DMI		changing speed is correctly displayed in speed dial range
184	STM updates supervision info (set 12-3)	PROF	T0+790s	connection of active DMI channel: Message-S12 with target distance = 2791m	DMI		supervision info display is updated with target distance = 2791m
185	speed has reached 49km/h	ODO	T0+795s		DMI		changing speed is correctly displayed in speed dial range
186	STM updates supervision info (set 12-4)	PROF	T0+795s	connection of active DMI channel: Message-S12 with target distance = 2727m	DMI		supervision info display is updated with target distance = 2727m
187	speed has reached 54km/h	ODO	T0+800s		DMI		changing speed is correctly displayed in speed dial



							range
188	STM updates supervision info (set 12-5)	PROF	T0+800s	connection of active DMI channel: Message-S12 with target distance = 2656m	DMI		supervision info display is updated with target distance = 2656m
189	speed has reached 59km/h	ODO	T0+805s		DMI		changing speed is correctly displayed in speed dial range
190	STM updates supervision info (set 12-6)	PROF	T0+805s	connection of active DMI channel: Message-S12 with target distance = 2578m	DMI		supervision info display is updated with target distance = 2578m
191	speed has reached 63km/h	ODO	T0+810s		DMI		changing speed is correctly displayed in speed dial range
192	STM updates supervision info (set 12-7)	PROF	T0+810s	connection of active DMI channel: Message-S12 with target distance = 2494m	DMI		supervision info display is updated with target distance = 2494m
193	speed has reached 68km/h	ODO	T0+815s		DMI		changing speed is correctly displayed in speed dial range
194	STM updates supervision info (set 12-8)	PROF	T0+815s	connection of active DMI channel: Message-S12 with target distance = 2403m	DMI		supervision info display is updated with target distance = 2403m
195	speed has reached 73km/h	ODO	T0+820s		DMI		changing speed is correctly displayed in speed dial range
196	STM updates supervision info (set 12-9)	PROF	T0+820s	connection of active DMI channel: Message-S12 with target distance = 2306m	DMI		supervision info display is updated with target distance = 2306m
197	speed has reached 77km/h	ODO	T0+825s		DMI		changing speed is correctly displayed in speed dial



							range
198	STM updates supervision info (set 12-10)	PROF	T0+825s	connection of active DMI channel: Message-S12 with target distance = 2202m	DMI		supervision info display is updated with target distance = 2202m
199	speed has reached 82km/h	ODO	T0+830s		DMI		changing speed is correctly displayed in speed dial range
200	STM updates supervision info (set 12-11)	PROF	T0+830s	connection of active DMI channel: Message-S12 with target distance = 2092m	DMI		supervision info display is updated with target distance = 2092m
201	speed has reached 87km/h	ODO	T0+835s		DMI		changing speed is correctly displayed in speed dial range
202	STM updates supervision info (set 12-12)	PROF	T0+835s	connection of active DMI channel: Message-S12 with target distance = 1975m	DMI		supervision info display is updated with target distance = 1975m
203	speed has reached 91km/h	ODO	T0+840s		DMI		changing speed is correctly displayed in speed dial range
204	STM updates supervision info (set 12-13)	PROF	T0+840s	connection of active DMI channel: Message-S12 with target distance = 1852m	DMI		supervision info display is updated with target distance = 1852m
205	speed has reached 96km/h	ODO	T0+845s		DMI		changing speed is correctly displayed in speed dial range
206	STM updates supervision info (set 12-14)	PROF	T0+845s	connection of active DMI channel: Message-S12 with target distance = 1722m	DMI		supervision info display is updated with target distance = 1722m
207	speed has reached 101km/h	ODO	T0+850s		DMI		changing speed is correctly displayed in speed dial



							range
208	STM updates supervision info (set 12-15)	PROF	T0+850s	connection of active DMI channel: Message-S12 with target distance = 1586m	DMI		supervision info display is updated with target distance = 1586m
209	speed has reached 106km/h	ODO	T0+855s		DMI		changing speed is correctly displayed in speed dial range
210	STM updates supervision info (set 12-16)	PROF	T0+855s	connection of active DMI channel: Message-S12 with target distance = 1443m	DMI		supervision info display is updated with target distance = 1443m
211	speed has reached 110km/h	ODO	T0+860s		DMI		changing speed is correctly displayed in speed dial range
212	STM updates supervision info (set 12-17)	PROF	T0+860s	connection of active DMI channel: Message-S12 with target distance = 1294m	DMI		supervision info display is updated with target distance = 1294m
213	speed has reached 115km/h	ODO	T0+865s		DMI		changing speed is correctly displayed in speed dial range
214	STM updates supervision info (set 13-1)	PROF	T0+865s	connection of active DMI channel: Message-S13 with target distance = 4900m	DMI		supervision info display is shown with Permitted speed = 210km/h with hook only Target speed = 200km/h with hook only Intervention speed = 240km/h with wide bar width Target distance = 4900m with digital only



215	speed has reached 120km/h	ODO	T0+870s		DMI		changing speed is correctly displayed in speed dial range
216	STM updates supervision info (set 13-2)	PROF	T0+870s	connection of active DMI channel: Message-S13 with target distance = 4737m	DMI		supervision info display is updated with target distance = 4737m
217	speed has reached 124km/h	ODO	T0+875s		DMI		changing speed is correctly displayed in speed dial range
218	STM updates supervision info (set 13-3)	PROF	T0+875s	connection of active DMI channel: Message-S13 with target distance = 4568m	DMI		supervision info display is updated with target distance = 4568m
219	speed has reached 129km/h	ODO	T0+880s		DMI		changing speed is correctly displayed in speed dial range
220	STM updates supervision info (set 13-4)	PROF	T0+880s	connection of active DMI channel: Message-S13 with target distance = 4392m	DMI		supervision info display is updated with target distance = 4392m
221	speed has reached 134km/h	ODO	T0+885s		DMI		changing speed is correctly displayed in speed dial range
222	STM updates supervision info (set 13-5)	PROF	T0+885s	connection of active DMI channel: Message-S13 with target distance = 4210m	DMI		supervision info display is updated with target distance = 4210m
223	speed has reached 139km/h	ODO	T0+890s		DMI		changing speed is correctly displayed in speed dial range
224	STM updates supervision info (set 13-6)	PROF	T0+890s	connection of active DMI channel: Message-S13 with target distance = 4021m	DMI		supervision info display is updated with target distance = 4021m



225	speed has reached 143km/h	ODO	T0+895s		DMI		changing speed is correctly displayed in speed dial range
226	STM updates supervision info (set 13-7)	PROF	T0+895s	connection of active DMI channel: Message-S13 with target distance = 3826m	DMI		supervision info display is updated with target distance = 3826m
227	speed has reached 148km/h	ODO	T0+900s		DMI		changing speed is correctly displayed in speed dial range
228	STM updates supervision info (set 13-8)	PROF	T0+900s	connection of active DMI channel: Message-S13 with target distance = 3624m	DMI		supervision info display is updated with target distance = 3624m
229	speed has reached 153km/h	ODO	T0+905s		DMI		changing speed is correctly displayed in speed dial range
230	STM updates supervision info (set 13-9)	PROF	T0+905s	connection of active DMI channel: Message-S13 with target distance = 3416m	DMI		supervision info display is updated with target distance = 3416m
231	speed has reached 157km/h	ODO	T0+910s		DMI		changing speed is correctly displayed in speed dial range
232	STM updates supervision info (set 13-10)	PROF	T0+910s	connection of active DMI channel: Message-S13 with target distance = 3201m	DMI		supervision info display is updated with target distance = 3201m
233	speed has reached 162km/h	ODO	T0+915s		DMI		changing speed is correctly displayed in speed dial range
234	STM updates supervision info (set 13-11)	PROF	T0+915s	connection of active DMI channel: Message-S13 with target distance = 2980m	DMI		supervision info display is updated with target distance = 2980m



235	speed has reached 167km/h	ODO	T0+920s		DMI		changing speed is correctly displayed in speed dial range
236	STM updates supervision info (set 13-12)	PROF	T0+920s	connection of active DMI channel: Message-S13 with target distance = 2752m	DMI		supervision info display is updated with target distance = 2752m
237	speed has reached 171km/h	ODO	T0+925s		DMI		changing speed is correctly displayed in speed dial range
238	STM updates supervision info (set 13-13)	PROF	T0+925s	connection of active DMI channel: Message-S13 with target distance = 2518m	DMI		supervision info display is updated with target distance = 2518m
239	speed has reached 176km/h	ODO	T0+930s		DMI		changing speed is correctly displayed in speed dial range
240	STM updates supervision info (set 13-14)	PROF	T0+930s	connection of active DMI channel: Message-S13 with target distance = 2277m	DMI		supervision info display is updated with target distance = 2277m
241	speed has reached 181km/h	ODO	T0+935s		DMI		changing speed is correctly displayed in speed dial range
242	STM updates supervision info (set 13-15)	PROF	T0+935s	connection of active DMI channel: Message-S13 with target distance = 2030m	DMI		supervision info display is updated with target distance = 2030m
243	speed has reached 186km/h	ODO	T0+940s		DMI		changing speed is correctly displayed in speed dial range
244	STM updates supervision info (set 13-16)	PROF	T0+940s	connection of active DMI channel: Message-S13 with target distance = 1776m	DMI		supervision info display is updated with target distance = 1776m



245	speed has reached 190km/h	ODO	T0+945s		DMI		changing speed is correctly displayed in speed dial range
246	STM updates supervision info (set 13-17)	PROF	T0+945s	connection of active DMI channel: Message-S13 with target distance = 1515m	DMI		supervision info display is updated with target distance = 1515m
247	speed has reached 195km/h	ODO	T0+950s		DMI		changing speed is correctly displayed in speed dial range
248	STM updates supervision info (set 14-1)	PROF	T0+950s	connection of active DMI channel: Message-S14 with target distance = 6800m	DMI		supervision info display is shown with Permitted speed = 290km/h with hook only Target speed = 280km/h with hook only Intervention speed = 320km/h with wide bar width Target distance = 6800m with digital only
249	speed has reached 200km/h	ODO	T0+955s		DMI		changing speed is correctly displayed in speed dial range
250	STM updates supervision info (set 14-2)	PROF	T0+955s	connection of active DMI channel: Message-S14 with target distance = 6526m	DMI		supervision info display is updated with target distance = 6526m
251	speed has reached 204km/h	ODO	T0+960s		DMI		changing speed is correctly displayed in speed dial range
252	STM updates supervision info (set 14-3)	PROF	T0+960s	connection of active DMI	DMI		supervision info display is



				channel: Message-S14 with target distance = 6246m			updated with target distance = 6246m
253	speed has reached 209km/h	ODO	T0+965s		DMI		changing speed is correctly displayed in speed dial range
254	STM updates supervision info (set 14-4)	PROF	T0+965s	connection of active DMI channel: Message-S14 with target distance = 5959m	DMI		supervision info display is updated with target distance = 5959m
255	speed has reached 214km/h	ODO	T0+970s		DMI		changing speed is correctly displayed in speed dial range
256	STM updates supervision info (set 14-5)	PROF	T0+970s	connection of active DMI channel: Message-S14 with target distance = 5666m	DMI		supervision info display is updated with target distance = 5666m
257	speed has reached 219km/h	ODO	T0+975s		DMI		changing speed is correctly displayed in speed dial range
258	STM updates supervision info (set 14-6)	PROF	T0+975s	connection of active DMI channel: Message-S14 with target distance = 5366m	DMI		supervision info display is updated with target distance = 5366m
259	speed has reached 223km/h	ODO	T0+980s		DMI		changing speed is correctly displayed in speed dial range
260	STM updates supervision info (set 14-7)	PROF	T0+980s	connection of active DMI channel: Message-S14 with target distance = 5059m	DMI		supervision info display is updated with target distance = 5059m
261	speed has reached 228km/h	ODO	T0+985s		DMI		changing speed is correctly displayed in speed dial range
262	STM updates supervision info (set 14-8)	PROF	T0+985s	connection of active DMI	DMI		supervision info display is



				channel: Message-S14 with target distance = 4746m			updated with target distance = 4746m
263	speed has reached 233km/h	ODO	T0+990s		DMI		changing speed is correctly displayed in speed dial range
264	STM updates supervision info (set 14-9)	PROF	T0+990s	connection of active DMI channel: Message-S14 with target distance = 4426m	DMI		supervision info display is updated with target distance = 4426m
265	speed has reached 238km/h	ODO	T0+995s		DMI		changing speed is correctly displayed in speed dial range
266	STM updates supervision info (set 14-10)	PROF	T0+995s	connection of active DMI channel: Message-S14 with target distance = 4100m	DMI		supervision info display is updated with target distance = 4100m
267	speed has reached 242km/h	ODO	T0+1000s		DMI		changing speed is correctly displayed in speed dial range
268	STM updates supervision info (set 14-11)	PROF	T0+1000s	connection of active DMI channel: Message-S14 with target distance = 3767m	DMI		supervision info display is updated with target distance = 3767m
269	speed has reached 247km/h	ODO	T0+1005s		DMI		changing speed is correctly displayed in speed dial range
270	STM updates supervision info (set 14-12)	PROF	T0+1005s	connection of active DMI channel: Message-S14 with target distance = 3428m	DMI		supervision info display is updated with target distance = 3428m
271	speed has reached 252km/h	ODO	T0+1010s		DMI		changing speed is correctly displayed in speed dial range
272	STM updates supervision info (set 14-13)	PROF	T0+1010s	connection of active DMI	DMI		supervision info display is



				channel: Message-S14 with target distance = 3082m			updated with target distance = 3082m
273	speed has reached 257km/h	ODO	T0+1015s		DMI		changing speed is correctly displayed in speed dial range
274	STM updates supervision info (set 14-14)	PROF	T0+1015s	connection of active DMI channel: Message-S14 with target distance = 2729m	DMI		supervision info display is updated with target distance = 2729m
275	speed has reached 261km/h	ODO	T0+1020s		DMI		changing speed is correctly displayed in speed dial range
276	STM updates supervision info (set 14-15)	PROF	T0+1020s	connection of active DMI channel: Message-S14 with target distance = 2370m	DMI		supervision info display is updated with target distance = 2370m
277	speed has reached 266km/h	ODO	T0+1025s		DMI		changing speed is correctly displayed in speed dial range
278	STM updates supervision info (set 14-16)	PROF	T0+1025s	connection of active DMI channel: Message-S14 with target distance = 2004m	DMI		supervision info display is updated with target distance = 2004m
279	speed has reached 271km/h	ODO	T0+1030s		DMI		changing speed is correctly displayed in speed dial range
280	STM updates supervision info (set 14-17)	PROF	T0+1030s	connection of active DMI channel: Message-S14 with target distance = 1632m	DMI		supervision info display is updated with target distance = 1632m
281	speed has reached 276km/h	ODO	T0+1035s		DMI		changing speed is correctly displayed in speed dial range
282	STM updates supervision info (set 14-18)	PROF	T0+1035s	connection of active DMI	DMI		supervision info display is



				channel: Message-S14 with target distance = 1253m			updated with target distance = 1253m
283	speed has reached 280km/h	ODO	T0+1040s		DMI		changing speed is correctly displayed in speed dial range
284	STM updates supervision info (set 14-19)	PROF	T0+1040s	connection of active DMI channel: Message-S14 with target distance = 868m	DMI		supervision info display is updated with target distance = 868m
285	speed has reached 285km/h	ODO	T0+1045s		DMI		changing speed is correctly displayed in speed dial range
	Train is decelerating continuously in the following steps. Permitted speed decreases in steps (RSM scenario)						
286	STM updates supervision info (set 15-1)	PROF	T0+1045s	connection of active DMI channel: Message-S15 with target distance = 17800m	DMI		supervision info display is shown with Permitted speed = 340km/h with hook only Release speed = 80km/h with digital only Intervention speed = 350km/h with wide bar width Target distance = 17800m with digital only
287	speed has reached 282km/h	ODO	T0+1050s		DMI		changing speed is correctly displayed in speed dial range
288	STM updates supervision info (set 15-2)	PROF	T0+1050s	connection of active DMI channel: Message-S15 with target distance = 17407m	DMI		supervision info display is updated with target distance = 17407m



289	speed has reached 278km/h	ODO	T0+1055s		DMI		changing speed is correctly displayed in speed dial range
290	STM updates supervision info (set 15-3)	PROF	T0+1055s	connection of active DMI channel: Message-S15 with target distance = 17019m	DMI		supervision info display is updated with target distance = 17019m
291	speed has reached 275km/h	ODO	T0+1060s		DMI		changing speed is correctly displayed in speed dial range
292	STM updates supervision info (set 16-1)	PROF	T0+1060s	connection of active DMI channel: Message-S16 with target distance = 12220m	DMI		supervision info display is shown with Permitted speed = 280km/h with hook only Release speed = 80km/h with digital only Intervention speed = 290km/h with wide bar width Target distance = 12220m with digital only
293	speed has reached 270km/h	ODO	T0+1065s		DMI		changing speed is correctly displayed in speed dial range
294	STM updates supervision info (set 16-2)	PROF	T0+1065s	connection of active DMI channel: Message-S16 with target distance = 11842m	DMI		supervision info display is updated with target distance = 11842m
295	speed has reached 266km/h	ODO	T0+1070s		DMI		changing speed is correctly displayed in speed dial range
296	STM updates supervision info (set 16-3)	PROF	T0+1070s	connection of active DMI	DMI		supervision info display is



				channel: Message-S16 with target distance = 11470m			updated with target distance = 11470m
297	speed has reached 261km/h	ODO	T0+1075s		DMI		changing speed is correctly displayed in speed dial range
298	STM updates supervision info (set 16-4)	PROF	T0+1075s	connection of active DMI channel: Message-S16 with target distance = 11105m	DMI		supervision info display is updated with target distance = 11105m
299	speed has reached 257km/h	ODO	T0+1080s		DMI		changing speed is correctly displayed in speed dial range
300	STM updates supervision info (set 16-5)	PROF	T0+1080s	connection of active DMI channel: Message-S16 with target distance = 10746m	DMI		supervision info display is updated with target distance = 10746m
301	speed has reached 252km/h	ODO	T0+1085s		DMI		changing speed is correctly displayed in speed dial range
302	STM updates supervision info (set 16-6)	PROF	T0+1085s	connection of active DMI channel: Message-S16 with target distance = 10393m	DMI		supervision info display is updated with target distance = 10393m
303	speed has reached 247km/h	ODO	T0+1090s		DMI		changing speed is correctly displayed in speed dial range
304	STM updates supervision info (set 16-7)	PROF	T0+1090s	connection of active DMI channel: Message-S16 with target distance = 10047m	DMI		supervision info display is updated with target distance = 10047m
305	speed has reached 243km/h	ODO	T0+1095s		DMI		changing speed is correctly displayed in speed dial range
306	STM updates supervision info (set 16-8)	PROF	T0+1095s	connection of active DMI	DMI		supervision info display is



				channel: Message-S16 with target distance = 9707m			updated with target distance = 9707m
307	speed has reached 238km/h	ODO	T0+1100s		DMI		changing speed is correctly displayed in speed dial range
308	STM updates supervision info (set 16-9)	PROF	T0+1100s	connection of active DMI channel: Message-S16 with target distance = 9374m	DMI		supervision info display is updated with target distance = 9374m
309	speed has reached 233km/h	ODO	T0+1105s		DMI		changing speed is correctly displayed in speed dial range
310	STM updates supervision info (set 16-10)	PROF	T0+1105s	connection of active DMI channel: Message-S16 with target distance = 9047m	DMI		supervision info display is updated with target distance = 9047m
311	speed has reached 229km/h	ODO	T0+1110s		DMI		changing speed is correctly displayed in speed dial range
312	STM updates supervision info (set 16-11)	PROF	T0+1110s	connection of active DMI channel: Message-S16 with target distance = 8726m	DMI		supervision info display is updated with target distance = 8726m
313	speed has reached 224km/h	ODO	T0+1115s		DMI		changing speed is correctly displayed in speed dial range
314	STM updates supervision info (set 16-12)	PROF	T0+1115s	connection of active DMI channel: Message-S16 with target distance = 8412m	DMI		supervision info display is updated with target distance = 8412m
315	speed has reached 220km/h	ODO	T0+1120s		DMI		changing speed is correctly displayed in speed dial range
316	STM updates supervision info (set 16-13)	PROF	T0+1120s	connection of active DMI	DMI		supervision info display is



				channel: Message-S16 with target distance = 8104m			updated with target distance = 8104m
317	speed has reached 215km/h	ODO	T0+1125s		DMI		changing speed is correctly displayed in speed dial range
318	STM updates supervision info (set 17-1)	PROF	T0+1125s	connection of active DMI channel: Message-S17 with target distance = 7660m	DMI		supervision info display is shown with Permitted speed = 220km/h with hook only Release speed = 80km/h with digital only Intervention speed = 230km/h with wide bar width Target distance = 7660m with digital only
319	speed has reached 210km/h	ODO	T0+1130s		DMI		changing speed is correctly displayed in speed dial range
320	STM updates supervision info (set 17-2)	PROF	T0+1130s	connection of active DMI channel: Message-S17 with target distance = 7365m	DMI		supervision info display is updated with target distance = 7365m
321	speed has reached 206km/h	ODO	T0+1135s		DMI		changing speed is correctly displayed in speed dial range
322	STM updates supervision info (set 17-3)	PROF	T0+1135s	connection of active DMI channel: Message-S17 with target distance = 7076m	DMI		supervision info display is updated with target distance = 7076m
323	speed has reached 201km/h	ODO	T0+1140s		DMI		changing speed is correctly displayed in speed dial



							range
324	STM updates supervision info (set 17-4)	PROF	T0+1140s	connection of active DMI channel: Message-S17 with target distance = 6794m	DMI		supervision info display is updated with target distance = 6794m
325	speed has reached 197km/h	ODO	T0+1145s		DMI		changing speed is correctly displayed in speed dial range
326	STM updates supervision info (set 17-5)	PROF	T0+1145s	connection of active DMI channel: Message-S17 with target distance = 6518m	DMI		supervision info display is updated with target distance = 6518m
327	speed has reached 192km/h	ODO	T0+1150s		DMI		changing speed is correctly displayed in speed dial range
328	STM updates supervision info (set 17-6)	PROF	T0+1150s	connection of active DMI channel: Message-S17 with target distance = 6249m	DMI		supervision info display is updated with target distance = 6249m
329	speed has reached 187km/h	ODO	T0+1155s		DMI		changing speed is correctly displayed in speed dial range
330	STM updates supervision info (set 17-7)	PROF	T0+1155s	connection of active DMI channel: Message-S17 with target distance = 5986m	DMI		supervision info display is updated with target distance = 5986m
331	speed has reached 183km/h	ODO	T0+1160s		DMI		changing speed is correctly displayed in speed dial range
332	STM updates supervision info (set 17-8)	PROF	T0+1160s	connection of active DMI channel: Message-S17 with target distance = 5730m	DMI		supervision info display is updated with target distance = 5730m
333	speed has reached 178km/h	ODO	T0+1165s		DMI		changing speed is correctly displayed in speed dial



							range
334	STM updates supervision info (set 17-9)	PROF	T0+1165s	connection of active DMI channel: Message-S17 with target distance = 5480m	DMI		supervision info display is updated with target distance = 5480m
335	speed has reached 173km/h	ODO	T0+1170s		DMI		changing speed is correctly displayed in speed dial range
336	STM updates supervision info (set 17-10)	PROF	T0+1170s	connection of active DMI channel: Message-S17 with target distance = 5236m	DMI		supervision info display is updated with target distance = 5236m
337	speed has reached 169km/h	ODO	T0+1175s		DMI		changing speed is correctly displayed in speed dial range
338	STM updates supervision info (set 17-11)	PROF	T0+1175s	connection of active DMI channel: Message-S17 with target distance = 4999m	DMI		supervision info display is updated with target distance = 4999m
339	speed has reached 164km/h	ODO	T0+1180s		DMI		changing speed is correctly displayed in speed dial range
340	STM updates supervision info (set 17-12)	PROF	T0+1180s	connection of active DMI channel: Message-S17 with target distance = 4768m	DMI		supervision info display is updated with target distance = 4768m
341	speed has reached 160km/h	ODO	T0+1185s		DMI		changing speed is correctly displayed in speed dial range
342	STM updates supervision info (set 17-13)	PROF	T0+1185s	connection of active DMI channel: Message-S17 with target distance = 4544m	DMI		supervision info display is updated with target distance = 4544m
343	speed has reached 155km/h	ODO	T0+1190s		DMI		changing speed is correctly displayed in speed dial

							range
344	STM updates supervision info (set 18-1)	PROF	T0+1190s	connection of active DMI channel: Message-S18 with target distance = 4120m	DMI		supervision info display is shown with Permitted speed = 160km/h with hook only Release speed = 80km/h with digital only Intervention speed = 170km/h with wide bar width Target distance = 4120m with digital only
345	speed has reached 150km/h	ODO	T0+1195s		DMI		changing speed is correctly displayed in speed dial range
346	STM updates supervision info (set 18-2)	PROF	T0+1195s	connection of active DMI channel: Message-S18 with target distance = 3908m	DMI		supervision info display is updated with target distance = 3908m
347	speed has reached 146km/h	ODO	T0+1200s		DMI		changing speed is correctly displayed in speed dial range
348	STM updates supervision info (set 18-3)	PROF	T0+1200s	connection of active DMI channel: Message-S18 with target distance = 3703m	DMI		supervision info display is updated with target distance = 3703m
349	speed has reached 141km/h	ODO	T0+1205s		DMI		changing speed is correctly displayed in speed dial range
350	STM updates supervision info (set 18-4)	PROF	T0+1205s	connection of active DMI channel: Message-S18 with target distance = 3504m	DMI		supervision info display is updated with target distance = 3504m



351	speed has reached 137km/h	ODO	T0+1210s		DMI		changing speed is correctly displayed in speed dial range
352	STM updates supervision info (set 18-5)	PROF	T0+1210s	connection of active DMI channel: Message-S18 with target distance = 3312m	DMI		supervision info display is updated with target distance = 3312m
353	speed has reached 132km/h	ODO	T0+1215s		DMI		changing speed is correctly displayed in speed dial range
354	STM updates supervision info (set 18-6)	PROF	T0+1215s	connection of active DMI channel: Message-S18 with target distance = 3126m	DMI		supervision info display is updated with target distance = 3126m
355	speed has reached 127km/h	ODO	T0+1220s		DMI		changing speed is correctly displayed in speed dial range
356	STM updates supervision info (set 18-7)	PROF	T0+1220s	connection of active DMI channel: Message-S18 with target distance = 2946m	DMI		supervision info display is updated with target distance = 2946m
357	speed has reached 123km/h	ODO	T0+1225s		DMI		changing speed is correctly displayed in speed dial range
358	STM updates supervision info (set 18-8)	PROF	T0+1225s	connection of active DMI channel: Message-S18 with target distance = 2773m	DMI		supervision info display is updated with target distance = 2773m
359	speed has reached 118km/h	ODO	T0+1230s		DMI		changing speed is correctly displayed in speed dial range
360	STM updates supervision info (set 18-9)	PROF	T0+1230s	connection of active DMI channel: Message-S18 with target distance = 2606m	DMI		supervision info display is updated with target distance = 2606m



361	speed has reached 113km/h	ODO	T0+1235s		DMI		changing speed is correctly displayed in speed dial range
362	STM updates supervision info (set 18-10)	PROF	T0+1235s	connection of active DMI channel: Message-S18 with target distance = 2446m	DMI		supervision info display is updated with target distance = 2446m
363	speed has reached 109km/h	ODO	T0+1240s		DMI		changing speed is correctly displayed in speed dial range
364	STM updates supervision info (set 18-11)	PROF	T0+1240s	connection of active DMI channel: Message-S18 with target distance = 2292m	DMI		supervision info display is updated with target distance = 2292m
365	speed has reached 104km/h	ODO	T0+1245s		DMI		changing speed is correctly displayed in speed dial range
366	STM updates supervision info (set 18-12)	PROF	T0+1245s	connection of active DMI channel: Message-S18 with target distance = 2145m	DMI		supervision info display is updated with target distance = 2145m
367	speed has reached 100km/h	ODO	T0+1250s		DMI		changing speed is correctly displayed in speed dial range
368	STM updates supervision info (set 18-13)	PROF	T0+1250s	connection of active DMI channel: Message-S18 with target distance = 2004m	DMI		supervision info display is updated with target distance = 2004m
369	speed has reached 95km/h	ODO	T0+1255s		DMI		changing speed is correctly displayed in speed dial range
370	STM updates supervision info (set 19-1)	PROF	T0+1255s	connection of active DMI channel: Message-S19 with target distance = 1540m	DMI		supervision info display is shown with Permitted speed = 100km/h



							with hook only Release speed = 80km/h with digital only Intervention speed = 110km/h with wide bar width Target distance = 1540m with digital only
371	speed has reached 90km/h	ODO	T0+1260s		DMI		changing speed is correctly displayed in speed dial range
372	STM updates supervision info (set 19-2)	PROF	T0+1260s	connection of active DMI channel: Message-S19 with target distance = 1412m	DMI		supervision info display is updated with target distance = 1412m
373	speed has reached 86km/h	ODO	T0+1265s		DMI		changing speed is correctly displayed in speed dial range
374	STM updates supervision info (set 19-3)	PROF	T0+1265s	connection of active DMI channel: Message-S19 with target distance = 1290m	DMI		supervision info display is updated with target distance = 1290m
375	speed has reached 81km/h	ODO	T0+1270s		DMI		changing speed is correctly displayed in speed dial range
376	STM updates supervision info (set 19-4)	PROF	T0+1270s	connection of active DMI channel: Message-S19 with target distance = 1175m	DMI		supervision info display is updated with target distance = 1175m
377	speed has reached 77km/h	ODO	T0+1275s		DMI		changing speed is correctly displayed in speed dial range
378	STM updates supervision info (set 19-5)	PROF	T0+1275s	connection of active DMI	DMI		supervision info display is



				channel: Message-S19 with target distance = 1066m			updated with target distance = 1066m
379	speed has reached 72km/h	ODO	T0+1280s		DMI		changing speed is correctly displayed in speed dial range
380	STM updates supervision info (set 19-6)	PROF	T0+1280s	connection of active DMI channel: Message-S19 with target distance = 963m	DMI		supervision info display is updated with target distance = 963m
381	speed has reached 67km/h	ODO	T0+1285s		DMI		changing speed is correctly displayed in speed dial range
382	STM updates supervision info (set 19-7)	PROF	T0+1285s	connection of active DMI channel: Message-S19 with target distance = 867m	DMI		supervision info display is updated with target distance = 867m
383	speed has reached 63km/h	ODO	T0+1290s		DMI		changing speed is correctly displayed in speed dial range
384	STM updates supervision info (set 19-8)	PROF	T0+1290s	connection of active DMI channel: Message-S19 with target distance = 777m	DMI		supervision info display is updated with target distance = 777m
385	speed has reached 58km/h	ODO	T0+1295s		DMI		changing speed is correctly displayed in speed dial range
386	STM updates supervision info (set 19-9)	PROF	T0+1295s	connection of active DMI channel: Message-S19 with target distance = 694m	DMI		supervision info display is updated with target distance = 694m
387	speed has reached 53km/h	ODO	T0+1300s		DMI		changing speed is correctly displayed in speed dial range
388	STM updates supervision info (set 19-10)	PROF	T0+1300s	connection of active DMI	DMI		supervision info display is



				channel: Message-S19 with target distance = 617m			updated with target distance = 617m
389	speed has reached 49km/h	ODO	T0+1305s		DMI		changing speed is correctly displayed in speed dial range
390	STM updates supervision info (set 19-11)	PROF	T0+1305s	connection of active DMI channel: Message-S19 with target distance = 546m	DMI		supervision info display is updated with target distance = 546m
391	speed has reached 44km/h	ODO	T0+1310s		DMI		changing speed is correctly displayed in speed dial range
392	STM updates supervision info (set 19-12)	PROF	T0+1310s	connection of active DMI channel: Message-S19 with target distance = 482m	DMI		supervision info display is updated with target distance = 482m
393	speed has reached 40km/h	ODO	T0+1315s		DMI		changing speed is correctly displayed in speed dial range
394	STM updates supervision info (set 19-13)	PROF	T0+1315s	connection of active DMI channel: Message-S19 with target distance = 424m	DMI		supervision info display is updated with target distance = 424m
395	speed has reached 35km/h	ODO	T0+1320s		DMI		changing speed is correctly displayed in speed dial range
396	STM updates supervision info (set 20-1)	PROF	T0+1320s	connection of active DMI channel: Message-S20 with target distance = 100m	DMI		supervision info display is shown with Permitted speed = 40km/h with hook only Release speed = 80km/h with digital only Intervention speed =



							50km/h with wide bar width Target distance = 100m with digital only
397	STM updates supervision info (set 20-2)	PROF	T0+1325s	connection of active DMI channel: Message-S20 with target distance = 52m	DMI		supervision info display is updated with target distance = 52m
398	STM updates supervision info (set 21)	PROF	T0+1330s	connection of active DMI channel: Message-S21	DMI		supervision info display is shown with Permitted speed = 40km/h with speed bar without hook Intervention speed = 50km/h with normal bar width
	Train is accelerating continuously in the following steps. Permitted speed increases in steps (CSM scenario)						
399	STM updates supervision info (set 22)	PROF	T0+1335s	connection of active DMI channel: Message-S22	DMI		supervision info display is shown with Permitted speed = 120km/h with speed bar without hook Intervention speed = 130km/h with normal bar width
400	speed has reached 115km/h	ODO	T0+1415s		DMI		changing speed is correctly displayed in speed dial range
401	STM updates supervision info (set 23)	PROF	T0+1415s	connection of active DMI channel: Message-S23	DMI		supervision info display is shown with



							Permitted speed = 200km/h with speed bar without hook Intervention speed = 210km/h with normal bar width
402	speed has reached 195km/h	ODO	T0+1495s		DMI		changing speed is correctly displayed in speed dial range
403	STM updates supervision info (set 24)	PROF	T0+1495s	connection of active DMI channel: Message-S24	DMI		supervision info display is shown with Permitted speed = 280km/h with speed bar without hook Intervention speed = 290km/h with normal bar width
404	speed has reached 275km/h	ODO	T0+1575s		DMI		changing speed is correctly displayed in speed dial range
405	STM updates supervision info (set 25)	PROF	T0+1575s	connection of active DMI channel: Message-S25	DMI		supervision info display is shown with Permitted speed = 360km/h with speed bar without hook Intervention speed = 370km/h with normal bar width
406	speed has reached 355km/h	ODO	T0+1655s		DMI		changing speed is correctly displayed in speed dial

							range
	Train is decelerating continuously in the following steps. Permitted speed and target speed decrease in steps (TSM scenario)						
407	STM updates supervision info (set 26-1)	PROF	T0+1655s	connection of active DMI channel: Message-S26 with target distance = 8000m	DMI		supervision info display is shown with Permitted speed = 360km/h with speed bar without hook Target speed = 320km/h with speed bar without hook Intervention speed = 370km/h with normal bar width Target distance = 8000m with bar without digital
408	speed has reached 350km/h	ODO	T0+1660s		DMI		changing speed is correctly displayed in speed dial range
409	STM updates supervision info (set 26-2)	PROF	T0+1660s	connection of active DMI channel: Message-S26 with target distance = 7511m	DMI		supervision info display is updated with target distance = 7511m
410	speed has reached 346km/h	ODO	T0+1665s		DMI		changing speed is correctly displayed in speed dial range
411	STM updates supervision info (set 26-3)	PROF	T0+1665s	connection of active DMI channel: Message-S26 with target distance = 7028m	DMI		supervision info display is updated with target distance = 7028m
412	speed has reached 341km/h	ODO	T0+1670s		DMI		changing speed is correctly



							displayed in speed dial range
413	STM updates supervision info (set 26-4)	PROF	T0+1670s	connection of active DMI channel: Message-S26 with target distance = 6552m	DMI		supervision info display is updated with target distance = 6552m
414	speed has reached 336km/h	ODO	T0+1675s		DMI		changing speed is correctly displayed in speed dial range
415	STM updates supervision info (set 26-5)	PROF	T0+1675s	connection of active DMI channel: Message-S26 with target distance = 6082m	DMI		supervision info display is updated with target distance = 6082m
416	speed has reached 331km/h	ODO	T0+1680s		DMI		changing speed is correctly displayed in speed dial range
417	STM updates supervision info (set 26-6)	PROF	T0+1680s	connection of active DMI channel: Message-S26 with target distance = 5619m	DMI		supervision info display is updated with target distance = 5619m
418	speed has reached 327km/h	ODO	T0+1685s		DMI		changing speed is correctly displayed in speed dial range
419	STM updates supervision info (set 26-7)	PROF	T0+1685s	connection of active DMI channel: Message-S26 with target distance = 5162m	DMI		supervision info display is updated with target distance = 5162m
420	speed has reached 322km/h	ODO	T0+1690s		DMI		changing speed is correctly displayed in speed dial range
421	STM updates supervision info (set 26-8)	PROF	T0+1690s	connection of active DMI channel: Message-S26 with target distance = 4712m	DMI		supervision info display is updated with target distance = 4712m
422	speed has reached 317km/h	ODO	T0+1695s		DMI		changing speed is correctly



							displayed in speed dial range
423	STM updates supervision info (set 26-9)	PROF	T0+1695s	connection of active DMI channel: Message-S26 with target distance = 4268m	DMI		supervision info display is updated with target distance = 4268m
424	speed has reached 313km/h	ODO	T0+1700s		DMI		changing speed is correctly displayed in speed dial range
425	STM updates supervision info (set 26-10)	PROF	T0+1700s	connection of active DMI channel: Message-S26 with target distance = 3831m	DMI		supervision info display is updated with target distance = 3831m
426	speed has reached 308km/h	ODO	T0+1705s		DMI		changing speed is correctly displayed in speed dial range
427	STM updates supervision info (set 26-11)	PROF	T0+1705s	connection of active DMI channel: Message-S26 with target distance = 3401m	DMI		supervision info display is updated with target distance = 3401m
428	speed has reached 303km/h	ODO	T0+1710s		DMI		changing speed is correctly displayed in speed dial range
429	STM updates supervision info (set 26-12)	PROF	T0+1710s	connection of active DMI channel: Message-S26 with target distance = 2977m	DMI		supervision info display is updated with target distance = 2977m
430	speed has reached 299km/h	ODO	T0+1715s		DMI		changing speed is correctly displayed in speed dial range
431	STM updates supervision info (set 26-13)	PROF	T0+1715s	connection of active DMI channel: Message-S26 with target distance = 2560m	DMI		supervision info display is updated with target distance = 2560m
432	speed has reached 294km/h	ODO	T0+1720s		DMI		changing speed is correctly



							displayed in speed dial range
433	STM updates supervision info (set 26-14)	PROF	T0+1720s	connection of active DMI channel: Message-S26 with target distance = 2149m	DMI		supervision info display is updated with target distance = 2149m
434	speed has reached 289km/h	ODO	T0+1725s		DMI		changing speed is correctly displayed in speed dial range
435	STM updates supervision info (set 26-15)	PROF	T0+1725s	connection of active DMI channel: Message-S26 with target distance = 1745m	DMI		supervision info display is updated with target distance = 1745m
436	speed has reached 284km/h	ODO	T0+1730s		DMI		changing speed is correctly displayed in speed dial range
437	STM updates supervision info (set 26-16)	PROF	T0+1730s	connection of active DMI channel: Message-S26 with target distance = 1347m	DMI		supervision info display is updated with target distance = 1347m
438	speed has reached 280km/h	ODO	T0+1735s		DMI		changing speed is correctly displayed in speed dial range
439	STM updates supervision info (set 26-17)	PROF	T0+1735s	connection of active DMI channel: Message-S26 with target distance = 956m	DMI		supervision info display is updated with target distance = 956m
440	speed has reached 275km/h	ODO	T0+1740s		DMI		changing speed is correctly displayed in speed dial range
441	STM updates supervision info (set 27-1)	PROF	T0+1740s	connection of active DMI channel: Message-S27 with target distance = 6200m	DMI		supervision info display is shown with Permitted speed = 280km/h with speed bar without hook



							Target speed = 240km/h with speed bar without hook Intervention speed = 290km/h with normal bar width Target distance = 6200m with bar without digital
442	speed has reached 270km/h	ODO	T0+1745s		DMI		changing speed is correctly displayed in speed dial range
443	STM updates supervision info (set 27-2)	PROF	T0+1745s	connection of active DMI channel: Message-S27 with target distance = 5822m	DMI		supervision info display is updated with target distance = 5822m
444	speed has reached 266km/h	ODO	T0+1750s		DMI		changing speed is correctly displayed in speed dial range
445	STM updates supervision info (set 27-3)	PROF	T0+1750s	connection of active DMI channel: Message-S27 with target distance = 5450m	DMI		supervision info display is updated with target distance = 5450m
446	speed has reached 261km/h	ODO	T0+1755s		DMI		changing speed is correctly displayed in speed dial range
447	STM updates supervision info (set 27-4)	PROF	T0+1755s	connection of active DMI channel: Message-S27 with target distance = 5085m	DMI		supervision info display is updated with target distance = 5085m
448	speed has reached 256km/h	ODO	T0+1760s		DMI		changing speed is correctly displayed in speed dial range
449	STM updates supervision info (set 27-5)	PROF	T0+1760s	connection of active DMI	DMI		supervision info display is



				channel: Message-S27 with target distance = 4726m			updated with target distance = 4726m
450	speed has reached 251km/h	ODO	T0+1765s		DMI		changing speed is correctly displayed in speed dial range
451	STM updates supervision info (set 27-6)	PROF	T0+1765s	connection of active DMI channel: Message-S27 with target distance = 4374m	DMI		supervision info display is updated with target distance = 4374m
452	speed has reached 247km/h	ODO	T0+1770s		DMI		changing speed is correctly displayed in speed dial range
453	STM updates supervision info (set 27-7)	PROF	T0+1770s	connection of active DMI channel: Message-S27 with target distance = 4028m	DMI		supervision info display is updated with target distance = 4028m
454	speed has reached 242km/h	ODO	T0+1775s		DMI		changing speed is correctly displayed in speed dial range
455	STM updates supervision info (set 27-8)	PROF	T0+1775s	connection of active DMI channel: Message-S27 with target distance = 3689m	DMI		supervision info display is updated with target distance = 3689m
456	speed has reached 237km/h	ODO	T0+1780s		DMI		changing speed is correctly displayed in speed dial range
457	STM updates supervision info (set 27-9)	PROF	T0+1780s	connection of active DMI channel: Message-S27 with target distance = 3357m	DMI		supervision info display is updated with target distance = 3357m
458	speed has reached 233km/h	ODO	T0+1785s		DMI		changing speed is correctly displayed in speed dial range
459	STM updates supervision info (set 27-10)	PROF	T0+1785s	connection of active DMI	DMI		supervision info display is



				channel: Message-S27 with target distance = 3031m			updated with target distance = 3031m
460	speed has reached 228km/h	ODO	T0+1790s		DMI		changing speed is correctly displayed in speed dial range
461	STM updates supervision info (set 27-11)	PROF	T0+1790s	connection of active DMI channel: Message-S27 with target distance = 2712m	DMI		supervision info display is updated with target distance = 2712m
462	speed has reached 223km/h	ODO	T0+1795s		DMI		changing speed is correctly displayed in speed dial range
463	STM updates supervision info (set 27-12)	PROF	T0+1795s	connection of active DMI channel: Message-S27 with target distance = 2399m	DMI		supervision info display is updated with target distance = 2399m
464	speed has reached 219km/h	ODO	T0+1800s		DMI		changing speed is correctly displayed in speed dial range
465	STM updates supervision info (set 27-13)	PROF	T0+1800s	connection of active DMI channel: Message-S27 with target distance = 2093m	DMI		supervision info display is updated with target distance = 2093m
466	speed has reached 214km/h	ODO	T0+1805s		DMI		changing speed is correctly displayed in speed dial range
467	STM updates supervision info (set 27-14)	PROF	T0+1805s	connection of active DMI channel: Message-S27 with target distance = 1793m	DMI		supervision info display is updated with target distance = 1793m
468	speed has reached 209km/h	ODO	T0+1810s		DMI		changing speed is correctly displayed in speed dial range
469	STM updates supervision info (set 27-15)	PROF	T0+1810s	connection of active DMI	DMI		supervision info display is



				channel: Message-S27 with target distance = 1500m			updated with target distance = 1500m
470	speed has reached 204km/h	ODO	T0+1815s		DMI		changing speed is correctly displayed in speed dial range
471	STM updates supervision info (set 27-16)	PROF	T0+1815s	connection of active DMI channel: Message-S27 with target distance = 1213m	DMI		supervision info display is updated with target distance = 1213m
472	speed has reached 200km/h	ODO	T0+1820s		DMI		changing speed is correctly displayed in speed dial range
473	STM updates supervision info (set 27-17)	PROF	T0+1820s	connection of active DMI channel: Message-S27 with target distance = 933m	DMI		supervision info display is updated with target distance = 933m
474	speed has reached 195km/h	ODO	T0+1825s		DMI		changing speed is correctly displayed in speed dial range
475	STM updates supervision info (set 28-1)	PROF	T0+1825s	connection of active DMI channel: Message-S28 with target distance = 4400m	DMI		supervision info display is shown with Permitted speed = 200km/h with speed bar without hook Target speed = 160km/h with speed bar without hook Intervention speed = 210km/h with normal bar width Target distance = 4400m with bar without digital



476	speed has reached 190km/h	ODO	T0+1830s		DMI		changing speed is correctly displayed in speed dial range
477	STM updates supervision info (set 28-2)	PROF	T0+1830s	connection of active DMI channel: Message-S28 with target distance = 4133m	DMI		supervision info display is updated with target distance = 4133m
478	speed has reached 186km/h	ODO	T0+1835s		DMI		changing speed is correctly displayed in speed dial range
479	STM updates supervision info (set 28-3)	PROF	T0+1835s	connection of active DMI channel: Message-S28 with target distance = 3872m	DMI		supervision info display is updated with target distance = 3872m
480	speed has reached 181km/h	ODO	T0+1840s		DMI		changing speed is correctly displayed in speed dial range
481	STM updates supervision info (set 28-4)	PROF	T0+1840s	connection of active DMI channel: Message-S28 with target distance = 3618m	DMI		supervision info display is updated with target distance = 3618m
482	speed has reached 176km/h	ODO	T0+1845s		DMI		changing speed is correctly displayed in speed dial range
483	STM updates supervision info (set 28-5)	PROF	T0+1845s	connection of active DMI channel: Message-S28 with target distance = 3371m	DMI		supervision info display is updated with target distance = 3371m
484	speed has reached 171km/h	ODO	T0+1850s		DMI		changing speed is correctly displayed in speed dial range
485	STM updates supervision info (set 28-6)	PROF	T0+1850s	connection of active DMI channel: Message-S28 with target distance = 3130m	DMI		supervision info display is updated with target distance = 3130m



486	speed has reached 167km/h	ODO	T0+1855s		DMI		changing speed is correctly displayed in speed dial range
487	STM updates supervision info (set 28-7)	PROF	T0+1855s	connection of active DMI channel: Message-S28 with target distance = 2896m	DMI		supervision info display is updated with target distance = 2896m
488	speed has reached 162km/h	ODO	T0+1860s		DMI		changing speed is correctly displayed in speed dial range
489	STM updates supervision info (set 28-8)	PROF	T0+1860s	connection of active DMI channel: Message-S28 with target distance = 2668m	DMI		supervision info display is updated with target distance = 2668m
490	speed has reached 157km/h	ODO	T0+1865s		DMI		changing speed is correctly displayed in speed dial range
491	STM updates supervision info (set 28-9)	PROF	T0+1865s	connection of active DMI channel: Message-S28 with target distance = 2447m	DMI		supervision info display is updated with target distance = 2447m
492	speed has reached 153km/h	ODO	T0+1870s		DMI		changing speed is correctly displayed in speed dial range
493	STM updates supervision info (set 28-10)	PROF	T0+1870s	connection of active DMI channel: Message-S28 with target distance = 2232m	DMI		supervision info display is updated with target distance = 2232m
494	speed has reached 148km/h	ODO	T0+1875s		DMI		changing speed is correctly displayed in speed dial range
495	STM updates supervision info (set 28-11)	PROF	T0+1875s	connection of active DMI channel: Message-S28 with target distance = 2024m	DMI		supervision info display is updated with target distance = 2024m



496	speed has reached 143km/h	ODO	T0+1880s		DMI		changing speed is correctly displayed in speed dial range
497	STM updates supervision info (set 28-12)	PROF	T0+1880s	connection of active DMI channel: Message-S28 with target distance = 1822m	DMI		supervision info display is updated with target distance = 1822m
498	speed has reached 139km/h	ODO	T0+1885s		DMI		changing speed is correctly displayed in speed dial range
499	STM updates supervision info (set 28-13)	PROF	T0+1885s	connection of active DMI channel: Message-S28 with target distance = 1627m	DMI		supervision info display is updated with target distance = 1627m
500	speed has reached 134km/h	ODO	T0+1890s		DMI		changing speed is correctly displayed in speed dial range
501	STM updates supervision info (set 28-14)	PROF	T0+1890s	connection of active DMI channel: Message-S28 with target distance = 1438m	DMI		supervision info display is updated with target distance = 1438m
502	speed has reached 129km/h	ODO	T0+1895s		DMI		changing speed is correctly displayed in speed dial range
503	STM updates supervision info (set 28-15)	PROF	T0+1895s	connection of active DMI channel: Message-S28 with target distance = 1256m	DMI		supervision info display is updated with target distance = 1256m
504	speed has reached 124km/h	ODO	T0+1900s		DMI		changing speed is correctly displayed in speed dial range
505	STM updates supervision info (set 28-16)	PROF	T0+1900s	connection of active DMI channel: Message-S28 with target distance = 1080m	DMI		supervision info display is updated with target distance = 1080m



506	speed has reached 120km/h	ODO	T0+1905s		DMI		changing speed is correctly displayed in speed dial range
507	STM updates supervision info (set 28-17)	PROF	T0+1905s	connection of active DMI channel: Message-S28 with target distance = 911m	DMI		supervision info display is updated with target distance = 911m
508	speed has reached 115km/h	ODO	T0+1910s		DMI		changing speed is correctly displayed in speed dial range
509	STM updates supervision info (set 29-1)	PROF	T0+1910s	connection of active DMI channel: Message-S29 with target distance = 2700m	DMI		supervision info display is shown with Permitted speed = 120km/h with speed bar without hook Target speed = 80km/h with speed bar without hook Intervention speed = 130km/h with normal bar width Target distance = 2700m with bar without digital
510	speed has reached 110km/h	ODO	T0+1915s		DMI		changing speed is correctly displayed in speed dial range
511	STM updates supervision info (set 29-2)	PROF	T0+1915s	connection of active DMI channel: Message-S29 with target distance = 2544m	DMI		supervision info display is updated with target distance = 2544m
512	speed has reached 106km/h	ODO	T0+1920s		DMI		changing speed is correctly displayed in speed dial



							range
513	STM updates supervision info (set 29-3)	PROF	T0+1920s	connection of active DMI channel: Message-S29 with target distance = 2395m	DMI		supervision info display is updated with target distance = 2395m
514	speed has reached 101km/h	ODO	T0+1925s		DMI		changing speed is correctly displayed in speed dial range
515	STM updates supervision info (set 29-4)	PROF	T0+1925s	connection of active DMI channel: Message-S29 with target distance = 2252m	DMI		supervision info display is updated with target distance = 2252m
516	speed has reached 96km/h	ODO	T0+1930s		DMI		changing speed is correctly displayed in speed dial range
517	STM updates supervision info (set 29-5)	PROF	T0+1930s	connection of active DMI channel: Message-S29 with target distance = 2116m	DMI		supervision info display is updated with target distance = 2116m
518	speed has reached 91km/h	ODO	T0+1935s		DMI		changing speed is correctly displayed in speed dial range
519	STM updates supervision info (set 29-6)	PROF	T0+1935s	connection of active DMI channel: Message-S29 with target distance = 1986m	DMI		supervision info display is updated with target distance = 1986m
520	speed has reached 87km/h	ODO	T0+1940s		DMI		changing speed is correctly displayed in speed dial range
521	STM updates supervision info (set 29-7)	PROF	T0+1940s	connection of active DMI channel: Message-S29 with target distance = 1863m	DMI		supervision info display is updated with target distance = 1863m
522	speed has reached 82km/h	ODO	T0+1945s		DMI		changing speed is correctly displayed in speed dial



							range
523	STM updates supervision info (set 29-8)	PROF	T0+1945s	connection of active DMI channel: Message-S29 with target distance = 1746m	DMI		supervision info display is updated with target distance = 1746m
524	speed has reached 77km/h	ODO	T0+1950s		DMI		changing speed is correctly displayed in speed dial range
525	STM updates supervision info (set 29-9)	PROF	T0+1950s	connection of active DMI channel: Message-S29 with target distance = 1636m	DMI		supervision info display is updated with target distance = 1636m
526	speed has reached 73km/h	ODO	T0+1955s		DMI		changing speed is correctly displayed in speed dial range
527	STM updates supervision info (set 29-10)	PROF	T0+1955s	connection of active DMI channel: Message-S29 with target distance = 1532m	DMI		supervision info display is updated with target distance = 1532m
528	speed has reached 68km/h	ODO	T0+1960s		DMI		changing speed is correctly displayed in speed dial range
529	STM updates supervision info (set 29-11)	PROF	T0+1960s	connection of active DMI channel: Message-S29 with target distance = 1435m	DMI		supervision info display is updated with target distance = 1435m
530	speed has reached 63km/h	ODO	T0+1965s		DMI		changing speed is correctly displayed in speed dial range
531	STM updates supervision info (set 29-12)	PROF	T0+1965s	connection of active DMI channel: Message-S29 with target distance = 1344m	DMI		supervision info display is updated with target distance = 1344m
532	speed has reached 59km/h	ODO	T0+1970s		DMI		changing speed is correctly displayed in speed dial



							range
533	STM updates supervision info (set 29-13)	PROF	T0+1970s	connection of active DMI channel: Message-S29 with target distance = 1260m	DMI		supervision info display is updated with target distance = 1260m
534	speed has reached 54km/h	ODO	T0+1975s		DMI		changing speed is correctly displayed in speed dial range
535	STM updates supervision info (set 29-14)	PROF	T0+1975s	connection of active DMI channel: Message-S29 with target distance = 1182m	DMI		supervision info display is updated with target distance = 1182m
536	speed has reached 49km/h	ODO	T0+1980s		DMI		changing speed is correctly displayed in speed dial range
537	STM updates supervision info (set 29-15)	PROF	T0+1980s	connection of active DMI channel: Message-S29 with target distance = 1111m	DMI		supervision info display is updated with target distance = 1111m
538	speed has reached 44km/h	ODO	T0+1985s		DMI		changing speed is correctly displayed in speed dial range
539	STM updates supervision info (set 29-16)	PROF	T0+1985s	connection of active DMI channel: Message-S29 with target distance = 1047m	DMI		supervision info display is updated with target distance = 1047m
540	speed has reached 40km/h	ODO	T0+1990s		DMI		changing speed is correctly displayed in speed dial range
541	STM updates supervision info (set 29-17)	PROF	T0+1990s	connection of active DMI channel: Message-S29 with target distance = 989m	DMI		supervision info display is updated with target distance = 989m
542	speed has reached 35km/h	ODO	T0+1995s		DMI		changing speed is correctly displayed in speed dial



							range
543	STM updates supervision info (set 30-1)	PROF	T0+1995s	connection of active DMI channel: Message-S30 with target distance = 900m	DMI		supervision info display is shown with Permitted speed = 40km/h with speed bar without hook Release speed = 20km/h with bar without digital Intervention speed = 50km/h with normal bar width Target distance = 900m with bar without digital
544	speed has reached 31km/h	ODO	T0+2000s		DMI		changing speed is correctly displayed in speed dial range
545	STM updates supervision info (set 30-2)	PROF	T0+2000s	connection of active DMI channel: Message-S30 with target distance = 855m	DMI		supervision info display is updated with target distance = 855m
546	speed has reached 26km/h	ODO	T0+2005s		DMI		changing speed is correctly displayed in speed dial range
547	STM updates supervision info (set 30-3)	PROF	T0+2005s	connection of active DMI channel: Message-S30 with target distance = 816m	DMI		supervision info display is updated with target distance = 816m
548	speed has reached 22km/h	ODO	T0+2010s		DMI		changing speed is correctly displayed in speed dial range
549	STM updates supervision info (set 30-4)	PROF	T0+2010s	connection of active DMI channel: Message-S30 with	DMI		supervision info display is updated with target



				target distance = 783m			distance = 783m
550	speed has reached 17km/h	ODO	T0+2015s		DMI		changing speed is correctly displayed in speed dial range
551	STM updates supervision info (set 30-5)	PROF	T0+2015s	connection of active DMI channel: Message-S30 with target distance = 756m	DMI		supervision info display is updated with target distance = 756m
552	speed has reached 13km/h	ODO	T0+2020s		DMI		changing speed is correctly displayed in speed dial range
553	STM updates supervision info (set 30-6)	PROF	T0+2020s	connection of active DMI channel: Message-S30 with target distance = 736m	DMI		supervision info display is updated with target distance = 736m
554	speed has reached 8km/h	ODO	T0+2025s		DMI		changing speed is correctly displayed in speed dial range
555	STM updates supervision info (set 30-7)	PROF	T0+2025s	connection of active DMI channel: Message-S30 with target distance = 722m	DMI		supervision info display is updated with target distance = 722m
556	speed has reached 4km/h	ODO	T0+2030s		DMI		changing speed is correctly displayed in speed dial range
557	STM updates supervision info (set 30-8)	PROF	T0+2030s	connection of active DMI channel: Message-S30 with target distance = 714m	DMI		supervision info display is updated with target distance = 714m
558	speed has reached 0km/h	ODO	T0+2035s		DMI		changing speed is correctly displayed in speed dial range
559	STM updates supervision info (set 30-9)	PROF	T0+2035s	connection of active DMI channel: Message-S30 with	DMI		supervision info display is updated with target



				target distance = 712m			distance = 712m
	Train is accelerating continuously in the following steps. Permitted speed and target speed increases in steps (scenario with increasing target speeds)						
560	STM updates supervision info (set 31-1)	PROF	T0+2040s	connection of active DMI channel: Message-S31 with target distance = 1000m	DMI		supervision info display is shown with Permitted speed = 50km/h with speed bar without hook Target speed = 40km/h with speed bar without hook Intervention speed = 80km/h with normal bar width Target distance = 1000m with bar without digital
561	speed has reached 4km/h	ODO	T0+2045s		DMI		changing speed is correctly displayed in speed dial range
562	STM updates supervision info (set 31-2)	PROF	T0+2045s	connection of active DMI channel: Message-S31 with target distance = 997m	DMI		supervision info display is updated with target distance = 997m
563	speed has reached 9km/h	ODO	T0+2050s		DMI		changing speed is correctly displayed in speed dial range
564	STM updates supervision info (set 31-3)	PROF	T0+2050s	connection of active DMI channel: Message-S31 with target distance = 988m	DMI		supervision info display is updated with target distance = 988m
565	speed has reached 13km/h	ODO	T0+2055s		DMI		changing speed is correctly



							displayed in speed dial range
566	STM updates supervision info (set 31-4)	PROF	T0+2055s	connection of active DMI channel: Message-S31 with target distance = 973m	DMI		supervision info display is updated with target distance = 973m
567	speed has reached 18km/h	ODO	T0+2060s		DMI		changing speed is correctly displayed in speed dial range
568	STM updates supervision info (set 31-5)	PROF	T0+2060s	connection of active DMI channel: Message-S31 with target distance = 952m	DMI		supervision info display is updated with target distance = 952m
569	speed has reached 22km/h	ODO	T0+2065s		DMI		changing speed is correctly displayed in speed dial range
570	STM updates supervision info (set 31-6)	PROF	T0+2065s	connection of active DMI channel: Message-S31 with target distance = 925m	DMI		supervision info display is updated with target distance = 925m
571	speed has reached 26km/h	ODO	T0+2070s		DMI		changing speed is correctly displayed in speed dial range
572	STM updates supervision info (set 31-7)	PROF	T0+2070s	connection of active DMI channel: Message-S31 with target distance = 892m	DMI		supervision info display is updated with target distance = 892m
573	speed has reached 31km/h	ODO	T0+2075s		DMI		changing speed is correctly displayed in speed dial range
574	STM updates supervision info (set 31-8)	PROF	T0+2075s	connection of active DMI channel: Message-S31 with target distance = 853m	DMI		supervision info display is updated with target distance = 853m
575	speed has reached 35km/h	ODO	T0+2080s		DMI		changing speed is correctly

							displayed in speed dial range
576	STM updates supervision info (set 32-1)	PROF	T0+2080s	connection of active DMI channel: Message-S32 with target distance = 2900m	DMI		supervision info display is shown with Permitted speed = 130km/h with speed bar without hook Target speed = 120km/h with speed bar without hook Intervention speed = 160km/h with normal bar width Target distance = 2900m with bar without digital
577	speed has reached 40km/h	ODO	T0+2085s		DMI		changing speed is correctly displayed in speed dial range
578	STM updates supervision info (set 32-2)	PROF	T0+2085s	connection of active DMI channel: Message-S32 with target distance = 2849m	DMI		supervision info display is updated with target distance = 2849m
579	speed has reached 44km/h	ODO	T0+2090s		DMI		changing speed is correctly displayed in speed dial range
580	STM updates supervision info (set 32-3)	PROF	T0+2090s	connection of active DMI channel: Message-S32 with target distance = 2791m	DMI		supervision info display is updated with target distance = 2791m
581	speed has reached 49km/h	ODO	T0+2095s		DMI		changing speed is correctly displayed in speed dial range



582	STM updates supervision info (set 32-4)	PROF	T0+2095s	connection of active DMI channel: Message-S32 with target distance = 2727m	DMI		supervision info display is updated with target distance = 2727m
583	speed has reached 54km/h	ODO	T0+2100s		DMI		changing speed is correctly displayed in speed dial range
584	STM updates supervision info (set 32-5)	PROF	T0+2100s	connection of active DMI channel: Message-S32 with target distance = 2656m	DMI		supervision info display is updated with target distance = 2656m
585	speed has reached 59km/h	ODO	T0+2105s		DMI		changing speed is correctly displayed in speed dial range
586	STM updates supervision info (set 32-6)	PROF	T0+2105s	connection of active DMI channel: Message-S32 with target distance = 2578m	DMI		supervision info display is updated with target distance = 2578m
587	speed has reached 63km/h	ODO	T0+2110s		DMI		changing speed is correctly displayed in speed dial range
588	STM updates supervision info (set 32-7)	PROF	T0+2110s	connection of active DMI channel: Message-S32 with target distance = 2494m	DMI		supervision info display is updated with target distance = 2494m
589	speed has reached 68km/h	ODO	T0+2115s		DMI		changing speed is correctly displayed in speed dial range
590	STM updates supervision info (set 32-8)	PROF	T0+2115s	connection of active DMI channel: Message-S32 with target distance = 2403m	DMI		supervision info display is updated with target distance = 2403m
591	speed has reached 73km/h	ODO	T0+2120s		DMI		changing speed is correctly displayed in speed dial range



592	STM updates supervision info (set 32-9)	PROF	T0+2120s	connection of active DMI channel: Message-S32 with target distance = 2306m	DMI		supervision info display is updated with target distance = 2306m
593	speed has reached 77km/h	ODO	T0+2125s		DMI		changing speed is correctly displayed in speed dial range
594	STM updates supervision info (set 32-10)	PROF	T0+2125s	connection of active DMI channel: Message-S32 with target distance = 2202m	DMI		supervision info display is updated with target distance = 2202m
595	speed has reached 82km/h	ODO	T0+2130s		DMI		changing speed is correctly displayed in speed dial range
596	STM updates supervision info (set 32-11)	PROF	T0+2130s	connection of active DMI channel: Message-S32 with target distance = 2092m	DMI		supervision info display is updated with target distance = 2092m
597	speed has reached 87km/h	ODO	T0+2135s		DMI		changing speed is correctly displayed in speed dial range
598	STM updates supervision info (set 32-12)	PROF	T0+2135s	connection of active DMI channel: Message-S32 with target distance = 1975m	DMI		supervision info display is updated with target distance = 1975m
599	speed has reached 91km/h	ODO	T0+2140s		DMI		changing speed is correctly displayed in speed dial range
600	STM updates supervision info (set 32-13)	PROF	T0+2140s	connection of active DMI channel: Message-S32 with target distance = 1852m	DMI		supervision info display is updated with target distance = 1852m
601	speed has reached 96km/h	ODO	T0+2145s		DMI		changing speed is correctly displayed in speed dial range



602	STM updates supervision info (set 32-14)	PROF	T0+2145s	connection of active DMI channel: Message-S32 with target distance = 1722m	DMI		supervision info display is updated with target distance = 1722m
603	speed has reached 101km/h	ODO	T0+2150s		DMI		changing speed is correctly displayed in speed dial range
604	STM updates supervision info (set 32-15)	PROF	T0+2150s	connection of active DMI channel: Message-S32 with target distance = 1586m	DMI		supervision info display is updated with target distance = 1586m
605	speed has reached 106km/h	ODO	T0+2155s		DMI		changing speed is correctly displayed in speed dial range
606	STM updates supervision info (set 32-16)	PROF	T0+2155s	connection of active DMI channel: Message-S32 with target distance = 1443m	DMI		supervision info display is updated with target distance = 1443m
607	speed has reached 110km/h	ODO	T0+2160s		DMI		changing speed is correctly displayed in speed dial range
608	STM updates supervision info (set 32-17)	PROF	T0+2160s	connection of active DMI channel: Message-S32 with target distance = 1294m	DMI		supervision info display is updated with target distance = 1294m
609	speed has reached 115km/h	ODO	T0+2165s		DMI		changing speed is correctly displayed in speed dial range
610	STM updates supervision info (set 33-1)	PROF	T0+2165s	connection of active DMI channel: Message-S33 with target distance = 4900m	DMI		supervision info display is shown with Permitted speed = 210km/h with speed bar without hook Target speed = 200km/h



							with speed bar without hook Intervention speed = 240km/h with normal bar width Target distance = 4900m with bar without digital
611	speed has reached 120km/h	ODO	T0+2170s		DMI		changing speed is correctly displayed in speed dial range
612	STM updates supervision info (set 33-2)	PROF	T0+2170s	connection of active DMI channel: Message-S33 with target distance = 4737m	DMI		supervision info display is updated with target distance = 4737m
613	speed has reached 124km/h	ODO	T0+2175s		DMI		changing speed is correctly displayed in speed dial range
614	STM updates supervision info (set 33-3)	PROF	T0+2175s	connection of active DMI channel: Message-S33 with target distance = 4568m	DMI		supervision info display is updated with target distance = 4568m
615	speed has reached 129km/h	ODO	T0+2180s		DMI		changing speed is correctly displayed in speed dial range
616	STM updates supervision info (set 33-4)	PROF	T0+2180s	connection of active DMI channel: Message-S33 with target distance = 4392m	DMI		supervision info display is updated with target distance = 4392m
617	speed has reached 134km/h	ODO	T0+2185s		DMI		changing speed is correctly displayed in speed dial range
618	STM updates supervision info (set 33-5)	PROF	T0+2185s	connection of active DMI channel: Message-S33 with target distance = 4210m	DMI		supervision info display is updated with target distance = 4210m



619	speed has reached 139km/h	ODO	T0+2190s		DMI		changing speed is correctly displayed in speed dial range
620	STM updates supervision info (set 33-6)	PROF	T0+2190s	connection of active DMI channel: Message-S33 with target distance = 4021m	DMI		supervision info display is updated with target distance = 4021m
621	speed has reached 143km/h	ODO	T0+2195s		DMI		changing speed is correctly displayed in speed dial range
622	STM updates supervision info (set 33-7)	PROF	T0+2195s	connection of active DMI channel: Message-S33 with target distance = 3826m	DMI		supervision info display is updated with target distance = 3826m
623	speed has reached 148km/h	ODO	T0+2200s		DMI		changing speed is correctly displayed in speed dial range
624	STM updates supervision info (set 33-8)	PROF	T0+2200s	connection of active DMI channel: Message-S33 with target distance = 3624m	DMI		supervision info display is updated with target distance = 3624m
625	speed has reached 153km/h	ODO	T0+2205s		DMI		changing speed is correctly displayed in speed dial range
626	STM updates supervision info (set 33-9)	PROF	T0+2205s	connection of active DMI channel: Message-S33 with target distance = 3416m	DMI		supervision info display is updated with target distance = 3416m
627	speed has reached 157km/h	ODO	T0+2210s		DMI		changing speed is correctly displayed in speed dial range
628	STM updates supervision info (set 33-10)	PROF	T0+2210s	connection of active DMI channel: Message-S33 with target distance = 3201m	DMI		supervision info display is updated with target distance = 3201m

629	speed has reached 162km/h	ODO	T0+2215s		DMI		changing speed is correctly displayed in speed dial range
630	STM updates supervision info (set 33-11)	PROF	T0+2215s	connection of active DMI channel: Message-S33 with target distance = 2980m	DMI		supervision info display is updated with target distance = 2980m
631	speed has reached 167km/h	ODO	T0+2220s		DMI		changing speed is correctly displayed in speed dial range
632	STM updates supervision info (set 33-12)	PROF	T0+2220s	connection of active DMI channel: Message-S33 with target distance = 2752m	DMI		supervision info display is updated with target distance = 2752m
633	speed has reached 171km/h	ODO	T0+2225s		DMI		changing speed is correctly displayed in speed dial range
634	STM updates supervision info (set 33-13)	PROF	T0+2225s	connection of active DMI channel: Message-S33 with target distance = 2518m	DMI		supervision info display is updated with target distance = 2518m
635	speed has reached 176km/h	ODO	T0+2230s		DMI		changing speed is correctly displayed in speed dial range
636	STM updates supervision info (set 33-14)	PROF	T0+2230s	connection of active DMI channel: Message-S33 with target distance = 2277m	DMI		supervision info display is updated with target distance = 2277m
637	speed has reached 181km/h	ODO	T0+2235s		DMI		changing speed is correctly displayed in speed dial range
638	STM updates supervision info (set 33-15)	PROF	T0+2235s	connection of active DMI channel: Message-S33 with target distance = 2030m	DMI		supervision info display is updated with target distance = 2030m

639	speed has reached 186km/h	ODO	T0+2240s		DMI		changing speed is correctly displayed in speed dial range
640	STM updates supervision info (set 33-16)	PROF	T0+2240s	connection of active DMI channel: Message-S33 with target distance = 1776m	DMI		supervision info display is updated with target distance = 1776m
641	speed has reached 190km/h	ODO	T0+2245s		DMI		changing speed is correctly displayed in speed dial range
642	STM updates supervision info (set 33-17)	PROF	T0+2245s	connection of active DMI channel: Message-S33 with target distance = 1515m	DMI		supervision info display is updated with target distance = 1515m
643	speed has reached 195km/h	ODO	T0+2250s		DMI		changing speed is correctly displayed in speed dial range
644	STM updates supervision info (set 34-1)	PROF	T0+2250s	connection of active DMI channel: Message-S34 with target distance = 6800m	DMI		supervision info display is shown with Permitted speed = 290km/h with speed bar without hook Target speed = 280km/h with speed bar without hook Intervention speed = 320km/h with normal bar width Target distance = 6800m with bar without digital
645	speed has reached 200km/h	ODO	T0+2255s		DMI		changing speed is correctly displayed in speed dial



							range
646	STM updates supervision info (set 34-2)	PROF	T0+2255s	connection of active DMI channel: Message-S34 with target distance = 6526m	DMI		supervision info display is updated with target distance = 6526m
647	speed has reached 204km/h	ODO	T0+2260s		DMI		changing speed is correctly displayed in speed dial range
648	STM updates supervision info (set 34-3)	PROF	T0+2260s	connection of active DMI channel: Message-S34 with target distance = 6246m	DMI		supervision info display is updated with target distance = 6246m
649	speed has reached 209km/h	ODO	T0+2265s		DMI		changing speed is correctly displayed in speed dial range
650	STM updates supervision info (set 34-4)	PROF	T0+2265s	connection of active DMI channel: Message-S34 with target distance = 5959m	DMI		supervision info display is updated with target distance = 5959m
651	speed has reached 214km/h	ODO	T0+2270s		DMI		changing speed is correctly displayed in speed dial range
652	STM updates supervision info (set 34-5)	PROF	T0+2270s	connection of active DMI channel: Message-S34 with target distance = 5666m	DMI		supervision info display is updated with target distance = 5666m
653	speed has reached 219km/h	ODO	T0+2275s		DMI		changing speed is correctly displayed in speed dial range
654	STM updates supervision info (set 34-6)	PROF	T0+2275s	connection of active DMI channel: Message-S34 with target distance = 5366m	DMI		supervision info display is updated with target distance = 5366m
655	speed has reached 223km/h	ODO	T0+2280s		DMI		changing speed is correctly displayed in speed dial



							range
656	STM updates supervision info (set 34-7)	PROF	T0+2280s	connection of active DMI channel: Message-S34 with target distance = 5059m	DMI		supervision info display is updated with target distance = 5059m
657	speed has reached 228km/h	ODO	T0+2285s		DMI		changing speed is correctly displayed in speed dial range
658	STM updates supervision info (set 34-8)	PROF	T0+2285s	connection of active DMI channel: Message-S34 with target distance = 4746m	DMI		supervision info display is updated with target distance = 4746m
659	speed has reached 233km/h	ODO	T0+2290s		DMI		changing speed is correctly displayed in speed dial range
660	STM updates supervision info (set 34-9)	PROF	T0+2290s	connection of active DMI channel: Message-S34 with target distance = 4426m	DMI		supervision info display is updated with target distance = 4426m
661	speed has reached 238km/h	ODO	T0+2295s		DMI		changing speed is correctly displayed in speed dial range
662	STM updates supervision info (set 34-10)	PROF	T0+2295s	connection of active DMI channel: Message-S34 with target distance = 4100m	DMI		supervision info display is updated with target distance = 4100m
663	speed has reached 242km/h	ODO	T0+2300s		DMI		changing speed is correctly displayed in speed dial range
664	STM updates supervision info (set 34-11)	PROF	T0+2300s	connection of active DMI channel: Message-S34 with target distance = 3767m	DMI		supervision info display is updated with target distance = 3767m
665	speed has reached 247km/h	ODO	T0+2305s		DMI		changing speed is correctly displayed in speed dial



							range
666	STM updates supervision info (set 34-12)	PROF	T0+2305s	connection of active DMI channel: Message-S34 with target distance = 3428m	DMI		supervision info display is updated with target distance = 3428m
667	speed has reached 252km/h	ODO	T0+2310s		DMI		changing speed is correctly displayed in speed dial range
668	STM updates supervision info (set 34-13)	PROF	T0+2310s	connection of active DMI channel: Message-S34 with target distance = 3082m	DMI		supervision info display is updated with target distance = 3082m
669	speed has reached 257km/h	ODO	T0+2315s		DMI		changing speed is correctly displayed in speed dial range
670	STM updates supervision info (set 34-14)	PROF	T0+2315s	connection of active DMI channel: Message-S34 with target distance = 2729m	DMI		supervision info display is updated with target distance = 2729m
671	speed has reached 261km/h	ODO	T0+2320s		DMI		changing speed is correctly displayed in speed dial range
672	STM updates supervision info (set 34-15)	PROF	T0+2320s	connection of active DMI channel: Message-S34 with target distance = 2370m	DMI		supervision info display is updated with target distance = 2370m
673	speed has reached 266km/h	ODO	T0+2325s		DMI		changing speed is correctly displayed in speed dial range
674	STM updates supervision info (set 34-16)	PROF	T0+2325s	connection of active DMI channel: Message-S34 with target distance = 2004m	DMI		supervision info display is updated with target distance = 2004m
675	speed has reached 271km/h	ODO	T0+2330s		DMI		changing speed is correctly displayed in speed dial

							range
676	STM updates supervision info (set 34-17)	PROF	T0+2330s	connection of active DMI channel: Message-S34 with target distance = 1632m	DMI		supervision info display is updated with target distance = 1632m
677	speed has reached 276km/h	ODO	T0+2335s		DMI		changing speed is correctly displayed in speed dial range
678	STM updates supervision info (set 34-18)	PROF	T0+2335s	connection of active DMI channel: Message-S34 with target distance = 1253m	DMI		supervision info display is updated with target distance = 1253m
679	speed has reached 280km/h	ODO	T0+2340s		DMI		changing speed is correctly displayed in speed dial range
680	STM updates supervision info (set 34-19)	PROF	T0+2340s	connection of active DMI channel: Message-S34 with target distance = 868m	DMI		supervision info display is updated with target distance = 868m
681	speed has reached 285km/h	ODO	T0+2345s		DMI		changing speed is correctly displayed in speed dial range
	Train is decelerating continuously in the following steps. Permitted speed decreases in steps (RSM scenario)						
682	STM updates supervision info (set 35-1)	PROF	T0+2345s	connection of active DMI channel: Message-S35 with target distance = 17800m	DMI		supervision info display is shown with Permitted speed = 340km/h with speed bar without hook Release speed = 80km/h with bar without digital Intervention speed = 350km/h with normal bar



							width Target distance = 17800m with bar without digital
683	speed has reached 282km/h	ODO	T0+2350s		DMI		changing speed is correctly displayed in speed dial range
684	STM updates supervision info (set 35-2)	PROF	T0+2350s	connection of active DMI channel: Message-S35 with target distance = 17407m	DMI		supervision info display is updated with target distance = 17407m
685	speed has reached 278km/h	ODO	T0+2355s		DMI		changing speed is correctly displayed in speed dial range
686	STM updates supervision info (set 35-3)	PROF	T0+2355s	connection of active DMI channel: Message-S35 with target distance = 17019m	DMI		supervision info display is updated with target distance = 17019m
687	speed has reached 275km/h	ODO	T0+2360s		DMI		changing speed is correctly displayed in speed dial range
688	STM updates supervision info (set 36-1)	PROF	T0+2360s	connection of active DMI channel: Message-S36 with target distance = 12220m	DMI		supervision info display is shown with Permitted speed = 280km/h with speed bar without hook Release speed = 80km/h with bar without digital Intervention speed = 290km/h with normal bar width Target distance = 12220m with bar without digital



689	speed has reached 270km/h	ODO	T0+2365s		DMI		changing speed is correctly displayed in speed dial range
690	STM updates supervision info (set 36-2)	PROF	T0+2365s	connection of active DMI channel: Message-S36 with target distance = 11842m	DMI		supervision info display is updated with target distance = 11842m
691	speed has reached 266km/h	ODO	T0+2370s		DMI		changing speed is correctly displayed in speed dial range
692	STM updates supervision info (set 36-3)	PROF	T0+2370s	connection of active DMI channel: Message-S36 with target distance = 11470m	DMI		supervision info display is updated with target distance = 11470m
693	speed has reached 261km/h	ODO	T0+2375s		DMI		changing speed is correctly displayed in speed dial range
694	STM updates supervision info (set 36-4)	PROF	T0+2375s	connection of active DMI channel: Message-S36 with target distance = 11105m	DMI		supervision info display is updated with target distance = 11105m
695	speed has reached 257km/h	ODO	T0+2380s		DMI		changing speed is correctly displayed in speed dial range
696	STM updates supervision info (set 36-5)	PROF	T0+2380s	connection of active DMI channel: Message-S36 with target distance = 10746m	DMI		supervision info display is updated with target distance = 10746m
697	speed has reached 252km/h	ODO	T0+2385s		DMI		changing speed is correctly displayed in speed dial range
698	STM updates supervision info (set 36-6)	PROF	T0+2385s	connection of active DMI channel: Message-S36 with target distance = 10393m	DMI		supervision info display is updated with target distance = 10393m



699	speed has reached 247km/h	ODO	T0+2390s		DMI		changing speed is correctly displayed in speed dial range
700	STM updates supervision info (set 36-7)	PROF	T0+2390s	connection of active DMI channel: Message-S36 with target distance = 10047m	DMI		supervision info display is updated with target distance = 10047m
701	speed has reached 243km/h	ODO	T0+2395s		DMI		changing speed is correctly displayed in speed dial range
702	STM updates supervision info (set 36-8)	PROF	T0+2395s	connection of active DMI channel: Message-S36 with target distance = 9707m	DMI		supervision info display is updated with target distance = 9707m
703	speed has reached 238km/h	ODO	T0+2400s		DMI		changing speed is correctly displayed in speed dial range
704	STM updates supervision info (set 36-9)	PROF	T0+2400s	connection of active DMI channel: Message-S36 with target distance = 9374m	DMI		supervision info display is updated with target distance = 9374m
705	speed has reached 233km/h	ODO	T0+2405s		DMI		changing speed is correctly displayed in speed dial range
706	STM updates supervision info (set 36-10)	PROF	T0+2405s	connection of active DMI channel: Message-S36 with target distance = 9047m	DMI		supervision info display is updated with target distance = 9047m
707	speed has reached 229km/h	ODO	T0+2410s		DMI		changing speed is correctly displayed in speed dial range
708	STM updates supervision info (set 36-11)	PROF	T0+2410s	connection of active DMI channel: Message-S36 with target distance = 8726m	DMI		supervision info display is updated with target distance = 8726m



709	speed has reached 224km/h	ODO	T0+2415s		DMI		changing speed is correctly displayed in speed dial range
710	STM updates supervision info (set 36-12)	PROF	T0+2415s	connection of active DMI channel: Message-S36 with target distance = 8412m	DMI		supervision info display is updated with target distance = 8412m
711	speed has reached 220km/h	ODO	T0+2420s		DMI		changing speed is correctly displayed in speed dial range
712	STM updates supervision info (set 36-13)	PROF	T0+2420s	connection of active DMI channel: Message-S36 with target distance = 8104m	DMI		supervision info display is updated with target distance = 8104m
713	speed has reached 215km/h	ODO	T0+2425s		DMI		changing speed is correctly displayed in speed dial range
714	STM updates supervision info (set 37-1)	PROF	T0+2425s	connection of active DMI channel: Message-S37 with target distance = 7660m	DMI		supervision info display is shown with Permitted speed = 220km/h with speed bar without hook Release speed = 80km/h with bar without digital Intervention speed = 230km/h with normal bar width Target distance = 7660m with bar without digital
715	speed has reached 210km/h	ODO	T0+2430s		DMI		changing speed is correctly displayed in speed dial range



716	STM updates supervision info (set 37-2)	PROF	T0+2430s	connection of active DMI channel: Message-S37 with target distance = 7365m	DMI		supervision info display is updated with target distance = 7365m
717	speed has reached 206km/h	ODO	T0+2435s		DMI		changing speed is correctly displayed in speed dial range
718	STM updates supervision info (set 37-3)	PROF	T0+2435s	connection of active DMI channel: Message-S37 with target distance = 7076m	DMI		supervision info display is updated with target distance = 7076m
719	speed has reached 201km/h	ODO	T0+2440s		DMI		changing speed is correctly displayed in speed dial range
720	STM updates supervision info (set 37-4)	PROF	T0+2440s	connection of active DMI channel: Message-S37 with target distance = 6794m	DMI		supervision info display is updated with target distance = 6794m
721	speed has reached 197km/h	ODO	T0+2445s		DMI		changing speed is correctly displayed in speed dial range
722	STM updates supervision info (set 37-5)	PROF	T0+2445s	connection of active DMI channel: Message-S37 with target distance = 6518m	DMI		supervision info display is updated with target distance = 6518m
723	speed has reached 192km/h	ODO	T0+2450s		DMI		changing speed is correctly displayed in speed dial range
724	STM updates supervision info (set 37-6)	PROF	T0+2450s	connection of active DMI channel: Message-S37 with target distance = 6249m	DMI		supervision info display is updated with target distance = 6249m
725	speed has reached 187km/h	ODO	T0+2455s		DMI		changing speed is correctly displayed in speed dial range



726	STM updates supervision info (set 37-7)	PROF	T0+2455s	connection of active DMI channel: Message-S37 with target distance = 5986m	DMI		supervision info display is updated with target distance = 5986m
727	speed has reached 183km/h	ODO	T0+2460s		DMI		changing speed is correctly displayed in speed dial range
728	STM updates supervision info (set 37-8)	PROF	T0+2460s	connection of active DMI channel: Message-S37 with target distance = 5730m	DMI		supervision info display is updated with target distance = 5730m
729	speed has reached 178km/h	ODO	T0+2465s		DMI		changing speed is correctly displayed in speed dial range
730	STM updates supervision info (set 37-9)	PROF	T0+2465s	connection of active DMI channel: Message-S37 with target distance = 5480m	DMI		supervision info display is updated with target distance = 5480m
731	speed has reached 173km/h	ODO	T0+2470s		DMI		changing speed is correctly displayed in speed dial range
732	STM updates supervision info (set 37-10)	PROF	T0+2470s	connection of active DMI channel: Message-S37 with target distance = 5236m	DMI		supervision info display is updated with target distance = 5236m
733	speed has reached 169km/h	ODO	T0+2475s		DMI		changing speed is correctly displayed in speed dial range
734	STM updates supervision info (set 37-11)	PROF	T0+2475s	connection of active DMI channel: Message-S37 with target distance = 4999m	DMI		supervision info display is updated with target distance = 4999m
735	speed has reached 164km/h	ODO	T0+2480s		DMI		changing speed is correctly displayed in speed dial range

736	STM updates supervision info (set 37-12)	PROF	T0+2480s	connection of active DMI channel: Message-S37 with target distance = 4768m	DMI		supervision info display is updated with target distance = 4768m
737	speed has reached 160km/h	ODO	T0+2485s		DMI		changing speed is correctly displayed in speed dial range
738	STM updates supervision info (set 37-13)	PROF	T0+2485s	connection of active DMI channel: Message-S37 with target distance = 4544m	DMI		supervision info display is updated with target distance = 4544m
739	speed has reached 155km/h	ODO	T0+2490s		DMI		changing speed is correctly displayed in speed dial range
740	STM updates supervision info (set 38-1)	PROF	T0+2490s	connection of active DMI channel: Message-S38 with target distance = 4120m	DMI		supervision info display is shown with Permitted speed = 160km/h with speed bar without hook Release speed = 80km/h with bar without digital Intervention speed = 170km/h with normal bar width Target distance = 4120m with bar without digital
741	speed has reached 150km/h	ODO	T0+2495s		DMI		changing speed is correctly displayed in speed dial range
742	STM updates supervision info (set 38-2)	PROF	T0+2495s	connection of active DMI channel: Message-S38 with target distance = 3908m	DMI		supervision info display is updated with target distance = 3908m

743	speed has reached 146km/h	ODO	T0+2500s		DMI		changing speed is correctly displayed in speed dial range
744	STM updates supervision info (set 38-3)	PROF	T0+2500s	connection of active DMI channel: Message-S38 with target distance = 3703m	DMI		supervision info display is updated with target distance = 3703m
745	speed has reached 141km/h	ODO	T0+2505s		DMI		changing speed is correctly displayed in speed dial range
746	STM updates supervision info (set 38-4)	PROF	T0+2505s	connection of active DMI channel: Message-S38 with target distance = 3504m	DMI		supervision info display is updated with target distance = 3504m
747	speed has reached 137km/h	ODO	T0+2510s		DMI		changing speed is correctly displayed in speed dial range
748	STM updates supervision info (set 38-5)	PROF	T0+2510s	connection of active DMI channel: Message-S38 with target distance = 3312m	DMI		supervision info display is updated with target distance = 3312m
749	speed has reached 132km/h	ODO	T0+2515s		DMI		changing speed is correctly displayed in speed dial range
750	STM updates supervision info (set 38-6)	PROF	T0+2515s	connection of active DMI channel: Message-S38 with target distance = 3126m	DMI		supervision info display is updated with target distance = 3126m
751	speed has reached 127km/h	ODO	T0+2520s		DMI		changing speed is correctly displayed in speed dial range
752	STM updates supervision info (set 38-7)	PROF	T0+2520s	connection of active DMI channel: Message-S38 with target distance = 2946m	DMI		supervision info display is updated with target distance = 2946m



753	speed has reached 123km/h	ODO	T0+2525s		DMI		changing speed is correctly displayed in speed dial range
754	STM updates supervision info (set 38-8)	PROF	T0+2525s	connection of active DMI channel: Message-S38 with target distance = 2773m	DMI		supervision info display is updated with target distance = 2773m
755	speed has reached 118km/h	ODO	T0+2530s		DMI		changing speed is correctly displayed in speed dial range
756	STM updates supervision info (set 38-9)	PROF	T0+2530s	connection of active DMI channel: Message-S38 with target distance = 2606m	DMI		supervision info display is updated with target distance = 2606m
757	speed has reached 113km/h	ODO	T0+2535s		DMI		changing speed is correctly displayed in speed dial range
758	STM updates supervision info (set 38-10)	PROF	T0+2535s	connection of active DMI channel: Message-S38 with target distance = 2446m	DMI		supervision info display is updated with target distance = 2446m
759	speed has reached 109km/h	ODO	T0+2540s		DMI		changing speed is correctly displayed in speed dial range
760	STM updates supervision info (set 38-11)	PROF	T0+2540s	connection of active DMI channel: Message-S38 with target distance = 2292m	DMI		supervision info display is updated with target distance = 2292m
761	speed has reached 104km/h	ODO	T0+2545s		DMI		changing speed is correctly displayed in speed dial range
762	STM updates supervision info (set 38-12)	PROF	T0+2545s	connection of active DMI channel: Message-S38 with target distance = 2145m	DMI		supervision info display is updated with target distance = 2145m



763	speed has reached 100km/h	ODO	T0+2550s		DMI		changing speed is correctly displayed in speed dial range
764	STM updates supervision info (set 38-13)	PROF	T0+2550s	connection of active DMI channel: Message-S38 with target distance = 2004m	DMI		supervision info display is updated with target distance = 2004m
765	speed has reached 95km/h	ODO	T0+2555s		DMI		changing speed is correctly displayed in speed dial range
766	STM updates supervision info (set 39-1)	PROF	T0+2555s	connection of active DMI channel: Message-S39 with target distance = 1540m	DMI		supervision info display is shown with Permitted speed = 100km/h with speed bar without hook Release speed = 80km/h with bar without digital Intervention speed = 110km/h with normal bar width Target distance = 1540m with bar without digital
767	speed has reached 90km/h	ODO	T0+2560s		DMI		changing speed is correctly displayed in speed dial range
768	STM updates supervision info (set 39-2)	PROF	T0+2560s	connection of active DMI channel: Message-S39 with target distance = 1412m	DMI		supervision info display is updated with target distance = 1412m
769	speed has reached 86km/h	ODO	T0+2565s		DMI		changing speed is correctly displayed in speed dial range



770	STM updates supervision info (set 39-3)	PROF	T0+2565s	connection of active DMI channel: Message-S39 with target distance = 1290m	DMI		supervision info display is updated with target distance = 1290m
771	speed has reached 81km/h	ODO	T0+2570s		DMI		changing speed is correctly displayed in speed dial range
772	STM updates supervision info (set 39-4)	PROF	T0+2570s	connection of active DMI channel: Message-S39 with target distance = 1175m	DMI		supervision info display is updated with target distance = 1175m
773	speed has reached 77km/h	ODO	T0+2575s		DMI		changing speed is correctly displayed in speed dial range
774	STM updates supervision info (set 39-5)	PROF	T0+2575s	connection of active DMI channel: Message-S39 with target distance = 1066m	DMI		supervision info display is updated with target distance = 1066m
775	speed has reached 72km/h	ODO	T0+2580s		DMI		changing speed is correctly displayed in speed dial range
776	STM updates supervision info (set 39-6)	PROF	T0+2580s	connection of active DMI channel: Message-S39 with target distance = 963m	DMI		supervision info display is updated with target distance = 963m
777	speed has reached 67km/h	ODO	T0+2585s		DMI		changing speed is correctly displayed in speed dial range
778	STM updates supervision info (set 39-7)	PROF	T0+2585s	connection of active DMI channel: Message-S39 with target distance = 867m	DMI		supervision info display is updated with target distance = 867m
779	speed has reached 63km/h	ODO	T0+2590s		DMI		changing speed is correctly displayed in speed dial range



780	STM updates supervision info (set 39-8)	PROF	T0+2590s	connection of active DMI channel: Message-S39 with target distance = 777m	DMI		supervision info display is updated with target distance = 777m
781	speed has reached 58km/h	ODO	T0+2595s		DMI		changing speed is correctly displayed in speed dial range
782	STM updates supervision info (set 39-9)	PROF	T0+2595s	connection of active DMI channel: Message-S39 with target distance = 694m	DMI		supervision info display is updated with target distance = 694m
783	speed has reached 53km/h	ODO	T0+2600s		DMI		changing speed is correctly displayed in speed dial range
784	STM updates supervision info (set 39-10)	PROF	T0+2600s	connection of active DMI channel: Message-S39 with target distance = 617m	DMI		supervision info display is updated with target distance = 617m
785	speed has reached 49km/h	ODO	T0+2605s		DMI		changing speed is correctly displayed in speed dial range
786	STM updates supervision info (set 39-11)	PROF	T0+2605s	connection of active DMI channel: Message-S39 with target distance = 546m	DMI		supervision info display is updated with target distance = 546m
787	speed has reached 44km/h	ODO	T0+2610s		DMI		changing speed is correctly displayed in speed dial range
788	STM updates supervision info (set 39-12)	PROF	T0+2610s	connection of active DMI channel: Message-S39 with target distance = 482m	DMI		supervision info display is updated with target distance = 482m
789	speed has reached 40km/h	ODO	T0+2615s		DMI		changing speed is correctly displayed in speed dial range



790	STM updates supervision info (set 39-13)	PROF	T0+2615s	connection of active DMI channel: Message-S39 with target distance = 424m	DMI		supervision info display is updated with target distance = 424m
791	speed has reached 35km/h	ODO	T0+2620s		DMI		changing speed is correctly displayed in speed dial range
792	STM updates supervision info (set 40-1)	PROF	T0+2620s	connection of active DMI channel: Message-S40 with target distance = 100m	DMI		supervision info display is shown with Permitted speed = 40km/h with speed bar without hook Release speed = 80km/h with bar without digital Intervention speed = 50km/h with normal bar width Target distance = 100m with bar without digital
793	STM updates supervision info (set 40-2)	PROF	T0+2625s	connection of active DMI channel: Message-S40 with target distance = 52m	DMI		supervision info display is updated with target distance = 52m
794	STM updates supervision info (set 41)	PROF	T0+2630s	connection of active DMI channel: Message-S41	DMI		supervision info display is shown with Permitted speed = 40km/h with speed bar with hook Intervention speed = 50km/h with wide bar width
	Train is accelerating continuously in the following steps. Permitted speed increases in steps (CSM scenario)						



795	STM updates supervision info (set 42)	PROF	T0+2635s	connection of active DMI channel: Message-S42	DMI		supervision info display is shown with Permitted speed = 120km/h with speed bar with hook Intervention speed = 130km/h with wide bar width
796	speed has reached 115km/h	ODO	T0+2715s		DMI		changing speed is correctly displayed in speed dial range
797	STM updates supervision info (set 43)	PROF	T0+2715s	connection of active DMI channel: Message-S43	DMI		supervision info display is shown with Permitted speed = 200km/h with speed bar with hook Intervention speed = 210km/h with wide bar width
798	speed has reached 195km/h	ODO	T0+2795s		DMI		changing speed is correctly displayed in speed dial range
799	STM updates supervision info (set 44)	PROF	T0+2795s	connection of active DMI channel: Message-S44	DMI		supervision info display is shown with Permitted speed = 280km/h with speed bar with hook Intervention speed = 290km/h with wide bar width
800	speed has reached 275km/h	ODO	T0+2875s		DMI		changing speed is correctly displayed in speed dial range



801	STM updates supervision info (set 45)	PROF	T0+2875s	connection of active DMI channel: Message-S45	DMI		supervision info display is shown with Permitted speed = 360km/h with speed bar with hook Intervention speed = 370km/h with wide bar width
802	speed has reached 355km/h	ODO	T0+2955s		DMI		changing speed is correctly displayed in speed dial range
	Train is decelerating continuously in the following steps. Permitted speed and target speed decrease in steps (TSM scenario)						
803	STM updates supervision info (set 46-1)	PROF	T0+2955s	connection of active DMI channel: Message-S46 with target distance = 8000m	DMI		supervision info display is shown with Permitted speed = 360km/h with speed bar with hook Target speed = 320km/h with speed bar with hook Intervention speed = 370km/h with wide bar width Target distance = 8000m with bar and digital
804	speed has reached 350km/h	ODO	T0+2960s		DMI		changing speed is correctly displayed in speed dial range
805	STM updates supervision info (set 46-2)	PROF	T0+2960s	connection of active DMI channel: Message-S46 with target distance = 7511m	DMI		supervision info display is updated with target distance = 7511m



806	speed has reached 346km/h	ODO	T0+2965s		DMI		changing speed is correctly displayed in speed dial range
807	STM updates supervision info (set 46-3)	PROF	T0+2965s	connection of active DMI channel: Message-S46 with target distance = 7028m	DMI		supervision info display is updated with target distance = 7028m
808	speed has reached 341km/h	ODO	T0+2970s		DMI		changing speed is correctly displayed in speed dial range
809	STM updates supervision info (set 46-4)	PROF	T0+2970s	connection of active DMI channel: Message-S46 with target distance = 6552m	DMI		supervision info display is updated with target distance = 6552m
810	speed has reached 336km/h	ODO	T0+2975s		DMI		changing speed is correctly displayed in speed dial range
811	STM updates supervision info (set 46-5)	PROF	T0+2975s	connection of active DMI channel: Message-S46 with target distance = 6082m	DMI		supervision info display is updated with target distance = 6082m
812	speed has reached 331km/h	ODO	T0+2980s		DMI		changing speed is correctly displayed in speed dial range
813	STM updates supervision info (set 46-6)	PROF	T0+2980s	connection of active DMI channel: Message-S46 with target distance = 5619m	DMI		supervision info display is updated with target distance = 5619m
814	speed has reached 327km/h	ODO	T0+2985s		DMI		changing speed is correctly displayed in speed dial range
815	STM updates supervision info (set 46-7)	PROF	T0+2985s	connection of active DMI channel: Message-S46 with target distance = 5162m	DMI		supervision info display is updated with target distance = 5162m



816	speed has reached 322km/h	ODO	T0+2990s		DMI		changing speed is correctly displayed in speed dial range
817	STM updates supervision info (set 46-8)	PROF	T0+2990s	connection of active DMI channel: Message-S46 with target distance = 4712m	DMI		supervision info display is updated with target distance = 4712m
818	speed has reached 317km/h	ODO	T0+2995s		DMI		changing speed is correctly displayed in speed dial range
819	STM updates supervision info (set 46-9)	PROF	T0+2995s	connection of active DMI channel: Message-S46 with target distance = 4268m	DMI		supervision info display is updated with target distance = 4268m
820	speed has reached 313km/h	ODO	T0+3000s		DMI		changing speed is correctly displayed in speed dial range
821	STM updates supervision info (set 46-10)	PROF	T0+3000s	connection of active DMI channel: Message-S46 with target distance = 3831m	DMI		supervision info display is updated with target distance = 3831m
822	speed has reached 308km/h	ODO	T0+3005s		DMI		changing speed is correctly displayed in speed dial range
823	STM updates supervision info (set 46-11)	PROF	T0+3005s	connection of active DMI channel: Message-S46 with target distance = 3401m	DMI		supervision info display is updated with target distance = 3401m
824	speed has reached 303km/h	ODO	T0+3010s		DMI		changing speed is correctly displayed in speed dial range
825	STM updates supervision info (set 46-12)	PROF	T0+3010s	connection of active DMI channel: Message-S46 with target distance = 2977m	DMI		supervision info display is updated with target distance = 2977m



826	speed has reached 299km/h	ODO	T0+3015s		DMI		changing speed is correctly displayed in speed dial range
827	STM updates supervision info (set 46-13)	PROF	T0+3015s	connection of active DMI channel: Message-S46 with target distance = 2560m	DMI		supervision info display is updated with target distance = 2560m
828	speed has reached 294km/h	ODO	T0+3020s		DMI		changing speed is correctly displayed in speed dial range
829	STM updates supervision info (set 46-14)	PROF	T0+3020s	connection of active DMI channel: Message-S46 with target distance = 2149m	DMI		supervision info display is updated with target distance = 2149m
830	speed has reached 289km/h	ODO	T0+3025s		DMI		changing speed is correctly displayed in speed dial range
831	STM updates supervision info (set 46-15)	PROF	T0+3025s	connection of active DMI channel: Message-S46 with target distance = 1745m	DMI		supervision info display is updated with target distance = 1745m
832	speed has reached 284km/h	ODO	T0+3030s		DMI		changing speed is correctly displayed in speed dial range
833	STM updates supervision info (set 46-16)	PROF	T0+3030s	connection of active DMI channel: Message-S46 with target distance = 1347m	DMI		supervision info display is updated with target distance = 1347m
834	speed has reached 280km/h	ODO	T0+3035s		DMI		changing speed is correctly displayed in speed dial range
835	STM updates supervision info (set 46-17)	PROF	T0+3035s	connection of active DMI channel: Message-S46 with target distance = 956m	DMI		supervision info display is updated with target distance = 956m



836	speed has reached 275km/h	ODO	T0+3040s		DMI		changing speed is correctly displayed in speed dial range
837	STM updates supervision info (set 47-1)	PROF	T0+3040s	connection of active DMI channel: Message-S47 with target distance = 6200m	DMI		supervision info display is shown with Permitted speed = 280km/h with speed bar with hook Target speed = 240km/h with speed bar with hook Intervention speed = 290km/h with wide bar width Target distance = 6200m with bar and digital
838	speed has reached 270km/h	ODO	T0+3045s		DMI		changing speed is correctly displayed in speed dial range
839	STM updates supervision info (set 47-2)	PROF	T0+3045s	connection of active DMI channel: Message-S47 with target distance = 5822m	DMI		supervision info display is updated with target distance = 5822m
840	speed has reached 266km/h	ODO	T0+3050s		DMI		changing speed is correctly displayed in speed dial range
841	STM updates supervision info (set 47-3)	PROF	T0+3050s	connection of active DMI channel: Message-S47 with target distance = 5450m	DMI		supervision info display is updated with target distance = 5450m
842	speed has reached 261km/h	ODO	T0+3055s		DMI		changing speed is correctly displayed in speed dial range
843	STM updates supervision info (set 47-4)	PROF	T0+3055s	connection of active DMI	DMI		supervision info display is



				channel: Message-S47 with target distance = 5085m			updated with target distance = 5085m
844	speed has reached 256km/h	ODO	T0+3060s		DMI		changing speed is correctly displayed in speed dial range
845	STM updates supervision info (set 47-5)	PROF	T0+3060s	connection of active DMI channel: Message-S47 with target distance = 4726m	DMI		supervision info display is updated with target distance = 4726m
846	speed has reached 251km/h	ODO	T0+3065s		DMI		changing speed is correctly displayed in speed dial range
847	STM updates supervision info (set 47-6)	PROF	T0+3065s	connection of active DMI channel: Message-S47 with target distance = 4374m	DMI		supervision info display is updated with target distance = 4374m
848	speed has reached 247km/h	ODO	T0+3070s		DMI		changing speed is correctly displayed in speed dial range
849	STM updates supervision info (set 47-7)	PROF	T0+3070s	connection of active DMI channel: Message-S47 with target distance = 4028m	DMI		supervision info display is updated with target distance = 4028m
850	speed has reached 242km/h	ODO	T0+3075s		DMI		changing speed is correctly displayed in speed dial range
851	STM updates supervision info (set 47-8)	PROF	T0+3075s	connection of active DMI channel: Message-S47 with target distance = 3689m	DMI		supervision info display is updated with target distance = 3689m
852	speed has reached 237km/h	ODO	T0+3080s		DMI		changing speed is correctly displayed in speed dial range
853	STM updates supervision info (set 47-9)	PROF	T0+3080s	connection of active DMI	DMI		supervision info display is



				channel: Message-S47 with target distance = 3357m			updated with target distance = 3357m
854	speed has reached 233km/h	ODO	T0+3085s		DMI		changing speed is correctly displayed in speed dial range
855	STM updates supervision info (set 47-10)	PROF	T0+3085s	connection of active DMI channel: Message-S47 with target distance = 3031m	DMI		supervision info display is updated with target distance = 3031m
856	speed has reached 228km/h	ODO	T0+3090s		DMI		changing speed is correctly displayed in speed dial range
857	STM updates supervision info (set 47-11)	PROF	T0+3090s	connection of active DMI channel: Message-S47 with target distance = 2712m	DMI		supervision info display is updated with target distance = 2712m
858	speed has reached 223km/h	ODO	T0+3095s		DMI		changing speed is correctly displayed in speed dial range
859	STM updates supervision info (set 47-12)	PROF	T0+3095s	connection of active DMI channel: Message-S47 with target distance = 2399m	DMI		supervision info display is updated with target distance = 2399m
860	speed has reached 219km/h	ODO	T0+3100s		DMI		changing speed is correctly displayed in speed dial range
861	STM updates supervision info (set 47-13)	PROF	T0+3100s	connection of active DMI channel: Message-S47 with target distance = 2093m	DMI		supervision info display is updated with target distance = 2093m
862	speed has reached 214km/h	ODO	T0+3105s		DMI		changing speed is correctly displayed in speed dial range
863	STM updates supervision info (set 47-14)	PROF	T0+3105s	connection of active DMI	DMI		supervision info display is



				channel: Message-S47 with target distance = 1793m			updated with target distance = 1793m
864	speed has reached 209km/h	ODO	T0+3110s		DMI		changing speed is correctly displayed in speed dial range
865	STM updates supervision info (set 47-15)	PROF	T0+3110s	connection of active DMI channel: Message-S47 with target distance = 1500m	DMI		supervision info display is updated with target distance = 1500m
866	speed has reached 204km/h	ODO	T0+3115s		DMI		changing speed is correctly displayed in speed dial range
867	STM updates supervision info (set 47-16)	PROF	T0+3115s	connection of active DMI channel: Message-S47 with target distance = 1213m	DMI		supervision info display is updated with target distance = 1213m
868	speed has reached 200km/h	ODO	T0+3120s		DMI		changing speed is correctly displayed in speed dial range
869	STM updates supervision info (set 47-17)	PROF	T0+3120s	connection of active DMI channel: Message-S47 with target distance = 933m	DMI		supervision info display is updated with target distance = 933m
870	speed has reached 195km/h	ODO	T0+3125s		DMI		changing speed is correctly displayed in speed dial range
871	STM updates supervision info (set 48-1)	PROF	T0+3125s	connection of active DMI channel: Message-S48 with target distance = 4400m	DMI		supervision info display is shown with Permitted speed = 200km/h with speed bar with hook Target speed = 160km/h with speed bar with hook Intervention speed =



							210km/h with wide bar width Target distance = 4400m with bar and digital
872	speed has reached 190km/h	ODO	T0+3130s		DMI		changing speed is correctly displayed in speed dial range
873	STM updates supervision info (set 48-2)	PROF	T0+3130s	connection of active DMI channel: Message-S48 with target distance = 4133m	DMI		supervision info display is updated with target distance = 4133m
874	speed has reached 186km/h	ODO	T0+3135s		DMI		changing speed is correctly displayed in speed dial range
875	STM updates supervision info (set 48-3)	PROF	T0+3135s	connection of active DMI channel: Message-S48 with target distance = 3872m	DMI		supervision info display is updated with target distance = 3872m
876	speed has reached 181km/h	ODO	T0+3140s		DMI		changing speed is correctly displayed in speed dial range
877	STM updates supervision info (set 48-4)	PROF	T0+3140s	connection of active DMI channel: Message-S48 with target distance = 3618m	DMI		supervision info display is updated with target distance = 3618m
878	speed has reached 176km/h	ODO	T0+3145s		DMI		changing speed is correctly displayed in speed dial range
879	STM updates supervision info (set 48-5)	PROF	T0+3145s	connection of active DMI channel: Message-S48 with target distance = 3371m	DMI		supervision info display is updated with target distance = 3371m
880	speed has reached 171km/h	ODO	T0+3150s		DMI		changing speed is correctly displayed in speed dial range



881	STM updates supervision info (set 48-6)	PROF	T0+3150s	connection of active DMI channel: Message-S48 with target distance = 3130m	DMI		supervision info display is updated with target distance = 3130m
882	speed has reached 167km/h	ODO	T0+3155s		DMI		changing speed is correctly displayed in speed dial range
883	STM updates supervision info (set 48-7)	PROF	T0+3155s	connection of active DMI channel: Message-S48 with target distance = 2896m	DMI		supervision info display is updated with target distance = 2896m
884	speed has reached 162km/h	ODO	T0+3160s		DMI		changing speed is correctly displayed in speed dial range
885	STM updates supervision info (set 48-8)	PROF	T0+3160s	connection of active DMI channel: Message-S48 with target distance = 2668m	DMI		supervision info display is updated with target distance = 2668m
886	speed has reached 157km/h	ODO	T0+3165s		DMI		changing speed is correctly displayed in speed dial range
887	STM updates supervision info (set 48-9)	PROF	T0+3165s	connection of active DMI channel: Message-S48 with target distance = 2447m	DMI		supervision info display is updated with target distance = 2447m
888	speed has reached 153km/h	ODO	T0+3170s		DMI		changing speed is correctly displayed in speed dial range
889	STM updates supervision info (set 48-10)	PROF	T0+3170s	connection of active DMI channel: Message-S48 with target distance = 2232m	DMI		supervision info display is updated with target distance = 2232m
890	speed has reached 148km/h	ODO	T0+3175s		DMI		changing speed is correctly displayed in speed dial range



891	STM updates supervision info (set 48-11)	PROF	T0+3175s	connection of active DMI channel: Message-S48 with target distance = 2024m	DMI		supervision info display is updated with target distance = 2024m
892	speed has reached 143km/h	ODO	T0+3180s		DMI		changing speed is correctly displayed in speed dial range
893	STM updates supervision info (set 48-12)	PROF	T0+3180s	connection of active DMI channel: Message-S48 with target distance = 1822m	DMI		supervision info display is updated with target distance = 1822m
894	speed has reached 139km/h	ODO	T0+3185s		DMI		changing speed is correctly displayed in speed dial range
895	STM updates supervision info (set 48-13)	PROF	T0+3185s	connection of active DMI channel: Message-S48 with target distance = 1627m	DMI		supervision info display is updated with target distance = 1627m
896	speed has reached 134km/h	ODO	T0+3190s		DMI		changing speed is correctly displayed in speed dial range
897	STM updates supervision info (set 48-14)	PROF	T0+3190s	connection of active DMI channel: Message-S48 with target distance = 1438m	DMI		supervision info display is updated with target distance = 1438m
898	speed has reached 129km/h	ODO	T0+3195s		DMI		changing speed is correctly displayed in speed dial range
899	STM updates supervision info (set 48-15)	PROF	T0+3195s	connection of active DMI channel: Message-S48 with target distance = 1256m	DMI		supervision info display is updated with target distance = 1256m
900	speed has reached 124km/h	ODO	T0+3200s		DMI		changing speed is correctly displayed in speed dial range



901	STM updates supervision info (set 48-16)	PROF	T0+3200s	connection of active DMI channel: Message-S48 with target distance = 1080m	DMI		supervision info display is updated with target distance = 1080m
902	speed has reached 120km/h	ODO	T0+3205s		DMI		changing speed is correctly displayed in speed dial range
903	STM updates supervision info (set 48-17)	PROF	T0+3205s	connection of active DMI channel: Message-S48 with target distance = 911m	DMI		supervision info display is updated with target distance = 911m
904	speed has reached 115km/h	ODO	T0+3210s		DMI		changing speed is correctly displayed in speed dial range
905	STM updates supervision info (set 49-1)	PROF	T0+3210s	connection of active DMI channel: Message-S49 with target distance = 2700m	DMI		supervision info display is shown with Permitted speed = 120km/h with speed bar with hook Target speed = 80km/h with speed bar with hook Intervention speed = 130km/h with wide bar width Target distance = 2700m with bar and digital
906	speed has reached 110km/h	ODO	T0+3215s		DMI		changing speed is correctly displayed in speed dial range
907	STM updates supervision info (set 49-2)	PROF	T0+3215s	connection of active DMI channel: Message-S49 with target distance = 2544m	DMI		supervision info display is updated with target distance = 2544m
908	speed has reached 106km/h	ODO	T0+3220s		DMI		changing speed is correctly



							displayed in speed dial range
909	STM updates supervision info (set 49-3)	PROF	T0+3220s	connection of active DMI channel: Message-S49 with target distance = 2395m	DMI		supervision info display is updated with target distance = 2395m
910	speed has reached 101km/h	ODO	T0+3225s		DMI		changing speed is correctly displayed in speed dial range
911	STM updates supervision info (set 49-4)	PROF	T0+3225s	connection of active DMI channel: Message-S49 with target distance = 2252m	DMI		supervision info display is updated with target distance = 2252m
912	speed has reached 96km/h	ODO	T0+3230s		DMI		changing speed is correctly displayed in speed dial range
913	STM updates supervision info (set 49-5)	PROF	T0+3230s	connection of active DMI channel: Message-S49 with target distance = 2116m	DMI		supervision info display is updated with target distance = 2116m
914	speed has reached 91km/h	ODO	T0+3235s		DMI		changing speed is correctly displayed in speed dial range
915	STM updates supervision info (set 49-6)	PROF	T0+3235s	connection of active DMI channel: Message-S49 with target distance = 1986m	DMI		supervision info display is updated with target distance = 1986m
916	speed has reached 87km/h	ODO	T0+3240s		DMI		changing speed is correctly displayed in speed dial range
917	STM updates supervision info (set 49-7)	PROF	T0+3240s	connection of active DMI channel: Message-S49 with target distance = 1863m	DMI		supervision info display is updated with target distance = 1863m
918	speed has reached 82km/h	ODO	T0+3245s		DMI		changing speed is correctly



							displayed in speed dial range
919	STM updates supervision info (set 49-8)	PROF	T0+3245s	connection of active DMI channel: Message-S49 with target distance = 1746m	DMI		supervision info display is updated with target distance = 1746m
920	speed has reached 77km/h	ODO	T0+3250s		DMI		changing speed is correctly displayed in speed dial range
921	STM updates supervision info (set 49-9)	PROF	T0+3250s	connection of active DMI channel: Message-S49 with target distance = 1636m	DMI		supervision info display is updated with target distance = 1636m
922	speed has reached 73km/h	ODO	T0+3255s		DMI		changing speed is correctly displayed in speed dial range
923	STM updates supervision info (set 49-10)	PROF	T0+3255s	connection of active DMI channel: Message-S49 with target distance = 1532m	DMI		supervision info display is updated with target distance = 1532m
924	speed has reached 68km/h	ODO	T0+3260s		DMI		changing speed is correctly displayed in speed dial range
925	STM updates supervision info (set 49-11)	PROF	T0+3260s	connection of active DMI channel: Message-S49 with target distance = 1435m	DMI		supervision info display is updated with target distance = 1435m
926	speed has reached 63km/h	ODO	T0+3265s		DMI		changing speed is correctly displayed in speed dial range
927	STM updates supervision info (set 49-12)	PROF	T0+3265s	connection of active DMI channel: Message-S49 with target distance = 1344m	DMI		supervision info display is updated with target distance = 1344m
928	speed has reached 59km/h	ODO	T0+3270s		DMI		changing speed is correctly



							displayed in speed dial range
929	STM updates supervision info (set 49-13)	PROF	T0+3270s	connection of active DMI channel: Message-S49 with target distance = 1260m	DMI		supervision info display is updated with target distance = 1260m
930	speed has reached 54km/h	ODO	T0+3275s		DMI		changing speed is correctly displayed in speed dial range
931	STM updates supervision info (set 49-14)	PROF	T0+3275s	connection of active DMI channel: Message-S49 with target distance = 1182m	DMI		supervision info display is updated with target distance = 1182m
932	speed has reached 49km/h	ODO	T0+3280s		DMI		changing speed is correctly displayed in speed dial range
933	STM updates supervision info (set 49-15)	PROF	T0+3280s	connection of active DMI channel: Message-S49 with target distance = 1111m	DMI		supervision info display is updated with target distance = 1111m
934	speed has reached 44km/h	ODO	T0+3285s		DMI		changing speed is correctly displayed in speed dial range
935	STM updates supervision info (set 49-16)	PROF	T0+3285s	connection of active DMI channel: Message-S49 with target distance = 1047m	DMI		supervision info display is updated with target distance = 1047m
936	speed has reached 40km/h	ODO	T0+3290s		DMI		changing speed is correctly displayed in speed dial range
937	STM updates supervision info (set 49-17)	PROF	T0+3290s	connection of active DMI channel: Message-S49 with target distance = 989m	DMI		supervision info display is updated with target distance = 989m
938	speed has reached 35km/h	ODO	T0+3295s		DMI		changing speed is correctly



							displayed in speed dial range
939	STM updates supervision info (set 50-1)	PROF	T0+3295s	connection of active DMI channel: Message-S50 with target distance = 900m	DMI		supervision info display is shown with Permitted speed = 40km/h with speed bar with hook Release speed = 20km/h with bar and digital Intervention speed = 50km/h with wide bar width Target distance = 900m with bar and digital
940	speed has reached 31km/h	ODO	T0+3300s		DMI		changing speed is correctly displayed in speed dial range
941	STM updates supervision info (set 50-2)	PROF	T0+3300s	connection of active DMI channel: Message-S50 with target distance = 855m	DMI		supervision info display is updated with target distance = 855m
942	speed has reached 26km/h	ODO	T0+3305s		DMI		changing speed is correctly displayed in speed dial range
943	STM updates supervision info (set 50-3)	PROF	T0+3305s	connection of active DMI channel: Message-S50 with target distance = 816m	DMI		supervision info display is updated with target distance = 816m
944	speed has reached 22km/h	ODO	T0+3310s		DMI		changing speed is correctly displayed in speed dial range
945	STM updates supervision info (set 50-4)	PROF	T0+3310s	connection of active DMI channel: Message-S50 with	DMI		supervision info display is updated with target



				target distance = 783m			distance = 783m
946	speed has reached 17km/h	ODO	T0+3315s		DMI		changing speed is correctly displayed in speed dial range
947	STM updates supervision info (set 50-5)	PROF	T0+3315s	connection of active DMI channel: Message-S50 with target distance = 756m	DMI		supervision info display is updated with target distance = 756m
948	speed has reached 13km/h	ODO	T0+3320s		DMI		changing speed is correctly displayed in speed dial range
949	STM updates supervision info (set 50-6)	PROF	T0+3320s	connection of active DMI channel: Message-S50 with target distance = 736m	DMI		supervision info display is updated with target distance = 736m
950	speed has reached 8km/h	ODO	T0+3325s		DMI		changing speed is correctly displayed in speed dial range
951	STM updates supervision info (set 50-7)	PROF	T0+3325s	connection of active DMI channel: Message-S50 with target distance = 722m	DMI		supervision info display is updated with target distance = 722m
952	speed has reached 4km/h	ODO	T0+3330s		DMI		changing speed is correctly displayed in speed dial range
953	STM updates supervision info (set 50-8)	PROF	T0+3330s	connection of active DMI channel: Message-S50 with target distance = 714m	DMI		supervision info display is updated with target distance = 714m
954	speed has reached 0km/h	ODO	T0+3335s		DMI		changing speed is correctly displayed in speed dial range
955	STM updates supervision info (set 50-9)	PROF	T0+3335s	connection of active DMI channel: Message-S50 with	DMI		supervision info display is updated with target



				target distance = 712m			distance = 712m
	Train is accelerating continuously in the following steps. Permitted speed and target speed increases in steps (scenario with increasing target speeds)						
956	STM updates supervision info (set 51-1)	PROF	T0+3340s	connection of active DMI channel: Message-S51 with target distance = 1000m	DMI		supervision info display is shown with Permitted speed = 50km/h with speed bar with hook Target speed = 40km/h with speed bar with hook Intervention speed = 80km/h with wide bar width Target distance = 1000m with bar and digital
957	speed has reached 4km/h	ODO	T0+3345s		DMI		changing speed is correctly displayed in speed dial range
958	STM updates supervision info (set 51-2)	PROF	T0+3345s	connection of active DMI channel: Message-S51 with target distance = 997m	DMI		supervision info display is updated with target distance = 997m
959	speed has reached 9km/h	ODO	T0+3350s		DMI		changing speed is correctly displayed in speed dial range
960	STM updates supervision info (set 51-3)	PROF	T0+3350s	connection of active DMI channel: Message-S51 with target distance = 988m	DMI		supervision info display is updated with target distance = 988m
961	speed has reached 13km/h	ODO	T0+3355s		DMI		changing speed is correctly displayed in speed dial range



962	STM updates supervision info (set 51-4)	PROF	T0+3355s	connection of active DMI channel: Message-S51 with target distance = 973m	DMI		supervision info display is updated with target distance = 973m
963	speed has reached 18km/h	ODO	T0+3360s		DMI		changing speed is correctly displayed in speed dial range
964	STM updates supervision info (set 51-5)	PROF	T0+3360s	connection of active DMI channel: Message-S51 with target distance = 952m	DMI		supervision info display is updated with target distance = 952m
965	speed has reached 22km/h	ODO	T0+3365s		DMI		changing speed is correctly displayed in speed dial range
966	STM updates supervision info (set 51-6)	PROF	T0+3365s	connection of active DMI channel: Message-S51 with target distance = 925m	DMI		supervision info display is updated with target distance = 925m
967	speed has reached 26km/h	ODO	T0+3370s		DMI		changing speed is correctly displayed in speed dial range
968	STM updates supervision info (set 51-7)	PROF	T0+3370s	connection of active DMI channel: Message-S51 with target distance = 892m	DMI		supervision info display is updated with target distance = 892m
969	speed has reached 31km/h	ODO	T0+3375s		DMI		changing speed is correctly displayed in speed dial range
970	STM updates supervision info (set 51-8)	PROF	T0+3375s	connection of active DMI channel: Message-S51 with target distance = 853m	DMI		supervision info display is updated with target distance = 853m
971	speed has reached 35km/h	ODO	T0+3380s		DMI		changing speed is correctly displayed in speed dial range



972	STM updates supervision info (set 52-1)	PROF	T0+3380s	connection of active DMI channel: Message-S52 with target distance = 2900m	DMI		supervision info display is shown with Permitted speed = 130km/h with speed bar with hook Target speed = 120km/h with speed bar with hook Intervention speed = 160km/h with wide bar width Target distance = 2900m with bar and digital
973	speed has reached 40km/h	ODO	T0+3385s		DMI		changing speed is correctly displayed in speed dial range
974	STM updates supervision info (set 52-2)	PROF	T0+3385s	connection of active DMI channel: Message-S52 with target distance = 2849m	DMI		supervision info display is updated with target distance = 2849m
975	speed has reached 44km/h	ODO	T0+3390s		DMI		changing speed is correctly displayed in speed dial range
976	STM updates supervision info (set 52-3)	PROF	T0+3390s	connection of active DMI channel: Message-S52 with target distance = 2791m	DMI		supervision info display is updated with target distance = 2791m
977	speed has reached 49km/h	ODO	T0+3395s		DMI		changing speed is correctly displayed in speed dial range
978	STM updates supervision info (set 52-4)	PROF	T0+3395s	connection of active DMI channel: Message-S52 with target distance = 2727m	DMI		supervision info display is updated with target distance = 2727m
979	speed has reached 54km/h	ODO	T0+3400s		DMI		changing speed is correctly



							displayed in speed dial range
980	STM updates supervision info (set 52-5)	PROF	T0+3400s	connection of active DMI channel: Message-S52 with target distance = 2656m	DMI		supervision info display is updated with target distance = 2656m
981	speed has reached 59km/h	ODO	T0+3405s		DMI		changing speed is correctly displayed in speed dial range
982	STM updates supervision info (set 52-6)	PROF	T0+3405s	connection of active DMI channel: Message-S52 with target distance = 2578m	DMI		supervision info display is updated with target distance = 2578m
983	speed has reached 63km/h	ODO	T0+3410s		DMI		changing speed is correctly displayed in speed dial range
984	STM updates supervision info (set 52-7)	PROF	T0+3410s	connection of active DMI channel: Message-S52 with target distance = 2494m	DMI		supervision info display is updated with target distance = 2494m
985	speed has reached 68km/h	ODO	T0+3415s		DMI		changing speed is correctly displayed in speed dial range
986	STM updates supervision info (set 52-8)	PROF	T0+3415s	connection of active DMI channel: Message-S52 with target distance = 2403m	DMI		supervision info display is updated with target distance = 2403m
987	speed has reached 73km/h	ODO	T0+3420s		DMI		changing speed is correctly displayed in speed dial range
988	STM updates supervision info (set 52-9)	PROF	T0+3420s	connection of active DMI channel: Message-S52 with target distance = 2306m	DMI		supervision info display is updated with target distance = 2306m
989	speed has reached 77km/h	ODO	T0+3425s		DMI		changing speed is correctly



							displayed in speed dial range
990	STM updates supervision info (set 52-10)	PROF	T0+3425s	connection of active DMI channel: Message-S52 with target distance = 2202m	DMI		supervision info display is updated with target distance = 2202m
991	speed has reached 82km/h	ODO	T0+3430s		DMI		changing speed is correctly displayed in speed dial range
992	STM updates supervision info (set 52-11)	PROF	T0+3430s	connection of active DMI channel: Message-S52 with target distance = 2092m	DMI		supervision info display is updated with target distance = 2092m
993	speed has reached 87km/h	ODO	T0+3435s		DMI		changing speed is correctly displayed in speed dial range
994	STM updates supervision info (set 52-12)	PROF	T0+3435s	connection of active DMI channel: Message-S52 with target distance = 1975m	DMI		supervision info display is updated with target distance = 1975m
995	speed has reached 91km/h	ODO	T0+3440s		DMI		changing speed is correctly displayed in speed dial range
996	STM updates supervision info (set 52-13)	PROF	T0+3440s	connection of active DMI channel: Message-S52 with target distance = 1852m	DMI		supervision info display is updated with target distance = 1852m
997	speed has reached 96km/h	ODO	T0+3445s		DMI		changing speed is correctly displayed in speed dial range
998	STM updates supervision info (set 52-14)	PROF	T0+3445s	connection of active DMI channel: Message-S52 with target distance = 1722m	DMI		supervision info display is updated with target distance = 1722m
999	speed has reached 101km/h	ODO	T0+3450s		DMI		changing speed is correctly



							displayed in speed dial range
1000	STM updates supervision info (set 52-15)	PROF	T0+3450s	connection of active DMI channel: Message-S52 with target distance = 1586m	DMI		supervision info display is updated with target distance = 1586m
1001	speed has reached 106km/h	ODO	T0+3455s		DMI		changing speed is correctly displayed in speed dial range
1002	STM updates supervision info (set 52-16)	PROF	T0+3455s	connection of active DMI channel: Message-S52 with target distance = 1443m	DMI		supervision info display is updated with target distance = 1443m
1003	speed has reached 110km/h	ODO	T0+3460s		DMI		changing speed is correctly displayed in speed dial range
1004	STM updates supervision info (set 52-17)	PROF	T0+3460s	connection of active DMI channel: Message-S52 with target distance = 1294m	DMI		supervision info display is updated with target distance = 1294m
1005	speed has reached 115km/h	ODO	T0+3465s		DMI		changing speed is correctly displayed in speed dial range
1006	STM updates supervision info (set 53-1)	PROF	T0+3465s	connection of active DMI channel: Message-S53 with target distance = 4900m	DMI		supervision info display is shown with Permitted speed = 210km/h with speed bar with hook Target speed = 200km/h with speed bar with hook Intervention speed = 240km/h with wide bar width Target distance = 4900m



							with bar and digital
1007	speed has reached 120km/h	ODO	T0+3470s		DMI		changing speed is correctly displayed in speed dial range
1008	STM updates supervision info (set 53-2)	PROF	T0+3470s	connection of active DMI channel: Message-S53 with target distance = 4737m	DMI		supervision info display is updated with target distance = 4737m
1009	speed has reached 124km/h	ODO	T0+3475s		DMI		changing speed is correctly displayed in speed dial range
1010	STM updates supervision info (set 53-3)	PROF	T0+3475s	connection of active DMI channel: Message-S53 with target distance = 4568m	DMI		supervision info display is updated with target distance = 4568m
1011	speed has reached 129km/h	ODO	T0+3480s		DMI		changing speed is correctly displayed in speed dial range
1012	STM updates supervision info (set 53-4)	PROF	T0+3480s	connection of active DMI channel: Message-S53 with target distance = 4392m	DMI		supervision info display is updated with target distance = 4392m
1013	speed has reached 134km/h	ODO	T0+3485s		DMI		changing speed is correctly displayed in speed dial range
1014	STM updates supervision info (set 53-5)	PROF	T0+3485s	connection of active DMI channel: Message-S53 with target distance = 4210m	DMI		supervision info display is updated with target distance = 4210m
1015	speed has reached 139km/h	ODO	T0+3490s		DMI		changing speed is correctly displayed in speed dial range
1016	STM updates supervision info (set 53-6)	PROF	T0+3490s	connection of active DMI channel: Message-S53 with	DMI		supervision info display is updated with target



				target distance = 4021m			distance = 4021m
1017	speed has reached 143km/h	ODO	T0+3495s		DMI		changing speed is correctly displayed in speed dial range
1018	STM updates supervision info (set 53-7)	PROF	T0+3495s	connection of active DMI channel: Message-S53 with target distance = 3826m	DMI		supervision info display is updated with target distance = 3826m
1019	speed has reached 148km/h	ODO	T0+3500s		DMI		changing speed is correctly displayed in speed dial range
1020	STM updates supervision info (set 53-8)	PROF	T0+3500s	connection of active DMI channel: Message-S53 with target distance = 3624m	DMI		supervision info display is updated with target distance = 3624m
1021	speed has reached 153km/h	ODO	T0+3505s		DMI		changing speed is correctly displayed in speed dial range
1022	STM updates supervision info (set 53-9)	PROF	T0+3505s	connection of active DMI channel: Message-S53 with target distance = 3416m	DMI		supervision info display is updated with target distance = 3416m
1023	speed has reached 157km/h	ODO	T0+3510s		DMI		changing speed is correctly displayed in speed dial range
1024	STM updates supervision info (set 53-10)	PROF	T0+3510s	connection of active DMI channel: Message-S53 with target distance = 3201m	DMI		supervision info display is updated with target distance = 3201m
1025	speed has reached 162km/h	ODO	T0+3515s		DMI		changing speed is correctly displayed in speed dial range
1026	STM updates supervision info (set 53-11)	PROF	T0+3515s	connection of active DMI channel: Message-S53 with	DMI		supervision info display is updated with target



				target distance = 2980m			distance = 2980m
1027	speed has reached 167km/h	ODO	T0+3520s		DMI		changing speed is correctly displayed in speed dial range
1028	STM updates supervision info (set 53-12)	PROF	T0+3520s	connection of active DMI channel: Message-S53 with target distance = 2752m	DMI		supervision info display is updated with target distance = 2752m
1029	speed has reached 171km/h	ODO	T0+3525s		DMI		changing speed is correctly displayed in speed dial range
1030	STM updates supervision info (set 53-13)	PROF	T0+3525s	connection of active DMI channel: Message-S53 with target distance = 2518m	DMI		supervision info display is updated with target distance = 2518m
1031	speed has reached 176km/h	ODO	T0+3530s		DMI		changing speed is correctly displayed in speed dial range
1032	STM updates supervision info (set 53-14)	PROF	T0+3530s	connection of active DMI channel: Message-S53 with target distance = 2277m	DMI		supervision info display is updated with target distance = 2277m
1033	speed has reached 181km/h	ODO	T0+3535s		DMI		changing speed is correctly displayed in speed dial range
1034	STM updates supervision info (set 53-15)	PROF	T0+3535s	connection of active DMI channel: Message-S53 with target distance = 2030m	DMI		supervision info display is updated with target distance = 2030m
1035	speed has reached 186km/h	ODO	T0+3540s		DMI		changing speed is correctly displayed in speed dial range
1036	STM updates supervision info (set 53-16)	PROF	T0+3540s	connection of active DMI channel: Message-S53 with	DMI		supervision info display is updated with target



				target distance = 1776m			distance = 1776m
1037	speed has reached 190km/h	ODO	T0+3545s		DMI		changing speed is correctly displayed in speed dial range
1038	STM updates supervision info (set 53-17)	PROF	T0+3545s	connection of active DMI channel: Message-S53 with target distance = 1515m	DMI		supervision info display is updated with target distance = 1515m
1039	speed has reached 195km/h	ODO	T0+3550s		DMI		changing speed is correctly displayed in speed dial range
1040	STM updates supervision info (set 54-1)	PROF	T0+3550s	connection of active DMI channel: Message-S54 with target distance = 6800m	DMI		supervision info display is shown with Permitted speed = 290km/h with speed bar with hook Target speed = 280km/h with speed bar with hook Intervention speed = 320km/h with wide bar width Target distance = 6800m with bar and digital
1041	speed has reached 200km/h	ODO	T0+3555s		DMI		changing speed is correctly displayed in speed dial range
1042	STM updates supervision info (set 54-2)	PROF	T0+3555s	connection of active DMI channel: Message-S54 with target distance = 6526m	DMI		supervision info display is updated with target distance = 6526m
1043	speed has reached 204km/h	ODO	T0+3560s		DMI		changing speed is correctly displayed in speed dial range



1044	STM updates supervision info (set 54-3)	PROF	T0+3560s	connection of active DMI channel: Message-S54 with target distance = 6246m	DMI		supervision info display is updated with target distance = 6246m
1045	speed has reached 209km/h	ODO	T0+3565s		DMI		changing speed is correctly displayed in speed dial range
1046	STM updates supervision info (set 54-4)	PROF	T0+3565s	connection of active DMI channel: Message-S54 with target distance = 5959m	DMI		supervision info display is updated with target distance = 5959m
1047	speed has reached 214km/h	ODO	T0+3570s		DMI		changing speed is correctly displayed in speed dial range
1048	STM updates supervision info (set 54-5)	PROF	T0+3570s	connection of active DMI channel: Message-S54 with target distance = 5666m	DMI		supervision info display is updated with target distance = 5666m
1049	speed has reached 219km/h	ODO	T0+3575s		DMI		changing speed is correctly displayed in speed dial range
1050	STM updates supervision info (set 54-6)	PROF	T0+3575s	connection of active DMI channel: Message-S54 with target distance = 5366m	DMI		supervision info display is updated with target distance = 5366m
1051	speed has reached 223km/h	ODO	T0+3580s		DMI		changing speed is correctly displayed in speed dial range
1052	STM updates supervision info (set 54-7)	PROF	T0+3580s	connection of active DMI channel: Message-S54 with target distance = 5059m	DMI		supervision info display is updated with target distance = 5059m
1053	speed has reached 228km/h	ODO	T0+3585s		DMI		changing speed is correctly displayed in speed dial range



1054	STM updates supervision info (set 54-8)	PROF	T0+3585s	connection of active DMI channel: Message-S54 with target distance = 4746m	DMI		supervision info display is updated with target distance = 4746m
1055	speed has reached 233km/h	ODO	T0+3590s		DMI		changing speed is correctly displayed in speed dial range
1056	STM updates supervision info (set 54-9)	PROF	T0+3590s	connection of active DMI channel: Message-S54 with target distance = 4426m	DMI		supervision info display is updated with target distance = 4426m
1057	speed has reached 238km/h	ODO	T0+3595s		DMI		changing speed is correctly displayed in speed dial range
1058	STM updates supervision info (set 54-10)	PROF	T0+3595s	connection of active DMI channel: Message-S54 with target distance = 4100m	DMI		supervision info display is updated with target distance = 4100m
1059	speed has reached 242km/h	ODO	T0+3600s		DMI		changing speed is correctly displayed in speed dial range
1060	STM updates supervision info (set 54-11)	PROF	T0+3600s	connection of active DMI channel: Message-S54 with target distance = 3767m	DMI		supervision info display is updated with target distance = 3767m
1061	speed has reached 247km/h	ODO	T0+3605s		DMI		changing speed is correctly displayed in speed dial range
1062	STM updates supervision info (set 54-12)	PROF	T0+3605s	connection of active DMI channel: Message-S54 with target distance = 3428m	DMI		supervision info display is updated with target distance = 3428m
1063	speed has reached 252km/h	ODO	T0+3610s		DMI		changing speed is correctly displayed in speed dial range



1064	STM updates supervision info (set 54-13)	PROF	T0+3610s	connection of active DMI channel: Message-S54 with target distance = 3082m	DMI		supervision info display is updated with target distance = 3082m
1065	speed has reached 257km/h	ODO	T0+3615s		DMI		changing speed is correctly displayed in speed dial range
1066	STM updates supervision info (set 54-14)	PROF	T0+3615s	connection of active DMI channel: Message-S54 with target distance = 2729m	DMI		supervision info display is updated with target distance = 2729m
1067	speed has reached 261km/h	ODO	T0+3620s		DMI		changing speed is correctly displayed in speed dial range
1068	STM updates supervision info (set 54-15)	PROF	T0+3620s	connection of active DMI channel: Message-S54 with target distance = 2370m	DMI		supervision info display is updated with target distance = 2370m
1069	speed has reached 266km/h	ODO	T0+3625s		DMI		changing speed is correctly displayed in speed dial range
1070	STM updates supervision info (set 54-16)	PROF	T0+3625s	connection of active DMI channel: Message-S54 with target distance = 2004m	DMI		supervision info display is updated with target distance = 2004m
1071	speed has reached 271km/h	ODO	T0+3630s		DMI		changing speed is correctly displayed in speed dial range
1072	STM updates supervision info (set 54-17)	PROF	T0+3630s	connection of active DMI channel: Message-S54 with target distance = 1632m	DMI		supervision info display is updated with target distance = 1632m
1073	speed has reached 276km/h	ODO	T0+3635s		DMI		changing speed is correctly displayed in speed dial range

1074	STM updates supervision info (set 54-18)	PROF	T0+3635s	connection of active DMI channel: Message-S54 with target distance = 1253m	DMI		supervision info display is updated with target distance = 1253m
1075	speed has reached 280km/h	ODO	T0+3640s		DMI		changing speed is correctly displayed in speed dial range
1076	STM updates supervision info (set 54-19)	PROF	T0+3640s	connection of active DMI channel: Message-S54 with target distance = 868m	DMI		supervision info display is updated with target distance = 868m
1077	speed has reached 285km/h	ODO	T0+3645s		DMI		changing speed is correctly displayed in speed dial range
	Train is decelerating continuously in the following steps. Permitted speed decreases in steps (RSM scenario)						
1078	STM updates supervision info (set 55-1)	PROF	T0+3645s	connection of active DMI channel: Message-S55 with target distance = 17800m	DMI		supervision info display is shown with Permitted speed = 340km/h with speed bar with hook Release speed = 80km/h with bar and digital Intervention speed = 350km/h with wide bar width Target distance = 17800m with bar and digital
1079	speed has reached 282km/h	ODO	T0+3650s		DMI		changing speed is correctly displayed in speed dial range
1080	STM updates supervision info (set 55-2)	PROF	T0+3650s	connection of active DMI channel: Message-S55 with	DMI		supervision info display is updated with target



				target distance = 17407m			distance = 17407m
1081	speed has reached 278km/h	ODO	T0+3655s		DMI		changing speed is correctly displayed in speed dial range
1082	STM updates supervision info (set 55-3)	PROF	T0+3655s	connection of active DMI channel: Message-S55 with target distance = 17019m	DMI		supervision info display is updated with target distance = 17019m
1083	speed has reached 275km/h	ODO	T0+3660s		DMI		changing speed is correctly displayed in speed dial range
1084	STM updates supervision info (set 56-1)	PROF	T0+3660s	connection of active DMI channel: Message-S56 with target distance = 12220m	DMI		supervision info display is shown with Permitted speed = 280km/h with speed bar with hook Release speed = 80km/h with bar and digital Intervention speed = 290km/h with wide bar width Target distance = 12220m with bar and digital
1085	speed has reached 270km/h	ODO	T0+3665s		DMI		changing speed is correctly displayed in speed dial range
1086	STM updates supervision info (set 56-2)	PROF	T0+3665s	connection of active DMI channel: Message-S56 with target distance = 11842m	DMI		supervision info display is updated with target distance = 11842m
1087	speed has reached 266km/h	ODO	T0+3670s		DMI		changing speed is correctly displayed in speed dial range



1088	STM updates supervision info (set 56-3)	PROF	T0+3670s	connection of active DMI channel: Message-S56 with target distance = 11470m	DMI		supervision info display is updated with target distance = 11470m
1089	speed has reached 261km/h	ODO	T0+3675s		DMI		changing speed is correctly displayed in speed dial range
1090	STM updates supervision info (set 56-4)	PROF	T0+3675s	connection of active DMI channel: Message-S56 with target distance = 11105m	DMI		supervision info display is updated with target distance = 11105m
1091	speed has reached 257km/h	ODO	T0+3680s		DMI		changing speed is correctly displayed in speed dial range
1092	STM updates supervision info (set 56-5)	PROF	T0+3680s	connection of active DMI channel: Message-S56 with target distance = 10746m	DMI		supervision info display is updated with target distance = 10746m
1093	speed has reached 252km/h	ODO	T0+3685s		DMI		changing speed is correctly displayed in speed dial range
1094	STM updates supervision info (set 56-6)	PROF	T0+3685s	connection of active DMI channel: Message-S56 with target distance = 10393m	DMI		supervision info display is updated with target distance = 10393m
1095	speed has reached 247km/h	ODO	T0+3690s		DMI		changing speed is correctly displayed in speed dial range
1096	STM updates supervision info (set 56-7)	PROF	T0+3690s	connection of active DMI channel: Message-S56 with target distance = 10047m	DMI		supervision info display is updated with target distance = 10047m
1097	speed has reached 243km/h	ODO	T0+3695s		DMI		changing speed is correctly displayed in speed dial range



1098	STM updates supervision info (set 56-8)	PROF	T0+3695s	connection of active DMI channel: Message-S56 with target distance = 9707m	DMI		supervision info display is updated with target distance = 9707m
1099	speed has reached 238km/h	ODO	T0+3700s		DMI		changing speed is correctly displayed in speed dial range
1100	STM updates supervision info (set 56-9)	PROF	T0+3700s	connection of active DMI channel: Message-S56 with target distance = 9374m	DMI		supervision info display is updated with target distance = 9374m
1101	speed has reached 233km/h	ODO	T0+3705s		DMI		changing speed is correctly displayed in speed dial range
1102	STM updates supervision info (set 56-10)	PROF	T0+3705s	connection of active DMI channel: Message-S56 with target distance = 9047m	DMI		supervision info display is updated with target distance = 9047m
1103	speed has reached 229km/h	ODO	T0+3710s		DMI		changing speed is correctly displayed in speed dial range
1104	STM updates supervision info (set 56-11)	PROF	T0+3710s	connection of active DMI channel: Message-S56 with target distance = 8726m	DMI		supervision info display is updated with target distance = 8726m
1105	speed has reached 224km/h	ODO	T0+3715s		DMI		changing speed is correctly displayed in speed dial range
1106	STM updates supervision info (set 56-12)	PROF	T0+3715s	connection of active DMI channel: Message-S56 with target distance = 8412m	DMI		supervision info display is updated with target distance = 8412m
1107	speed has reached 220km/h	ODO	T0+3720s		DMI		changing speed is correctly displayed in speed dial range



1108	STM updates supervision info (set 56-13)	PROF	T0+3720s	connection of active DMI channel: Message-S56 with target distance = 8104m	DMI		supervision info display is updated with target distance = 8104m
1109	speed has reached 215km/h	ODO	T0+3725s		DMI		changing speed is correctly displayed in speed dial range
1110	STM updates supervision info (set 57-1)	PROF	T0+3725s	connection of active DMI channel: Message-S57 with target distance = 7660m	DMI		supervision info display is shown with Permitted speed = 220km/h with speed bar with hook Release speed = 80km/h with bar and digital Intervention speed = 230km/h with wide bar width Target distance = 7660m with bar and digital
1111	speed has reached 210km/h	ODO	T0+3730s		DMI		changing speed is correctly displayed in speed dial range
1112	STM updates supervision info (set 57-2)	PROF	T0+3730s	connection of active DMI channel: Message-S57 with target distance = 7365m	DMI		supervision info display is updated with target distance = 7365m
1113	speed has reached 206km/h	ODO	T0+3735s		DMI		changing speed is correctly displayed in speed dial range
1114	STM updates supervision info (set 57-3)	PROF	T0+3735s	connection of active DMI channel: Message-S57 with target distance = 7076m	DMI		supervision info display is updated with target distance = 7076m
	speed has reached 201km/h	ODO	T0+3740s		DMI		changing speed is correctly



1115							displayed in speed dial range
1116	STM updates supervision info (set 57-4)	PROF	T0+3740s	connection of active DMI channel: Message-S57 with target distance = 6794m	DMI		supervision info display is updated with target distance = 6794m
1117	speed has reached 197km/h	ODO	T0+3745s		DMI		changing speed is correctly displayed in speed dial range
1118	STM updates supervision info (set 57-5)	PROF	T0+3745s	connection of active DMI channel: Message-S57 with target distance = 6518m	DMI		supervision info display is updated with target distance = 6518m
1119	speed has reached 192km/h	ODO	T0+3750s		DMI		changing speed is correctly displayed in speed dial range
1120	STM updates supervision info (set 57-6)	PROF	T0+3750s	connection of active DMI channel: Message-S57 with target distance = 6249m	DMI		supervision info display is updated with target distance = 6249m
1121	speed has reached 187km/h	ODO	T0+3755s		DMI		changing speed is correctly displayed in speed dial range
1122	STM updates supervision info (set 57-7)	PROF	T0+3755s	connection of active DMI channel: Message-S57 with target distance = 5986m	DMI		supervision info display is updated with target distance = 5986m
1123	speed has reached 183km/h	ODO	T0+3760s		DMI		changing speed is correctly displayed in speed dial range
1124	STM updates supervision info (set 57-8)	PROF	T0+3760s	connection of active DMI channel: Message-S57 with target distance = 5730m	DMI		supervision info display is updated with target distance = 5730m
	speed has reached 178km/h	ODO	T0+3765s		DMI		changing speed is correctly



1125							displayed in speed dial range
1126	STM updates supervision info (set 57-9)	PROF	T0+3765s	connection of active DMI channel: Message-S57 with target distance = 5480m	DMI		supervision info display is updated with target distance = 5480m
1127	speed has reached 173km/h	ODO	T0+3770s		DMI		changing speed is correctly displayed in speed dial range
1128	STM updates supervision info (set 57-10)	PROF	T0+3770s	connection of active DMI channel: Message-S57 with target distance = 5236m	DMI		supervision info display is updated with target distance = 5236m
1129	speed has reached 169km/h	ODO	T0+3775s		DMI		changing speed is correctly displayed in speed dial range
1130	STM updates supervision info (set 57-11)	PROF	T0+3775s	connection of active DMI channel: Message-S57 with target distance = 4999m	DMI		supervision info display is updated with target distance = 4999m
1131	speed has reached 164km/h	ODO	T0+3780s		DMI		changing speed is correctly displayed in speed dial range
1132	STM updates supervision info (set 57-12)	PROF	T0+3780s	connection of active DMI channel: Message-S57 with target distance = 4768m	DMI		supervision info display is updated with target distance = 4768m
1133	speed has reached 160km/h	ODO	T0+3785s		DMI		changing speed is correctly displayed in speed dial range
1134	STM updates supervision info (set 57-13)	PROF	T0+3785s	connection of active DMI channel: Message-S57 with target distance = 4544m	DMI		supervision info display is updated with target distance = 4544m
	speed has reached 155km/h	ODO	T0+3790s		DMI		changing speed is correctly

1135							displayed in speed dial range
1136	STM updates supervision info (set 58-1)	PROF	T0+3790s	connection of active DMI channel: Message-S58 with target distance = 4120m	DMI		supervision info display is shown with Permitted speed = 160km/h with speed bar with hook Release speed = 80km/h with bar and digital Intervention speed = 170km/h with wide bar width Target distance = 4120m with bar and digital
1137	speed has reached 150km/h	ODO	T0+3795s		DMI		changing speed is correctly displayed in speed dial range
1138	STM updates supervision info (set 58-2)	PROF	T0+3795s	connection of active DMI channel: Message-S58 with target distance = 3908m	DMI		supervision info display is updated with target distance = 3908m
1139	speed has reached 146km/h	ODO	T0+3800s		DMI		changing speed is correctly displayed in speed dial range
1140	STM updates supervision info (set 58-3)	PROF	T0+3800s	connection of active DMI channel: Message-S58 with target distance = 3703m	DMI		supervision info display is updated with target distance = 3703m
1141	speed has reached 141km/h	ODO	T0+3805s		DMI		changing speed is correctly displayed in speed dial range
1142	STM updates supervision info (set 58-4)	PROF	T0+3805s	connection of active DMI channel: Message-S58 with	DMI		supervision info display is updated with target



				target distance = 3504m			distance = 3504m
1143	speed has reached 137km/h	ODO	T0+3810s		DMI		changing speed is correctly displayed in speed dial range
1144	STM updates supervision info (set 58-5)	PROF	T0+3810s	connection of active DMI channel: Message-S58 with target distance = 3312m	DMI		supervision info display is updated with target distance = 3312m
1145	speed has reached 132km/h	ODO	T0+3815s		DMI		changing speed is correctly displayed in speed dial range
1146	STM updates supervision info (set 58-6)	PROF	T0+3815s	connection of active DMI channel: Message-S58 with target distance = 3126m	DMI		supervision info display is updated with target distance = 3126m
1147	speed has reached 127km/h	ODO	T0+3820s		DMI		changing speed is correctly displayed in speed dial range
1148	STM updates supervision info (set 58-7)	PROF	T0+3820s	connection of active DMI channel: Message-S58 with target distance = 2946m	DMI		supervision info display is updated with target distance = 2946m
1149	speed has reached 123km/h	ODO	T0+3825s		DMI		changing speed is correctly displayed in speed dial range
1150	STM updates supervision info (set 58-8)	PROF	T0+3825s	connection of active DMI channel: Message-S58 with target distance = 2773m	DMI		supervision info display is updated with target distance = 2773m
1151	speed has reached 118km/h	ODO	T0+3830s		DMI		changing speed is correctly displayed in speed dial range
1152	STM updates supervision info (set 58-9)	PROF	T0+3830s	connection of active DMI channel: Message-S58 with	DMI		supervision info display is updated with target



				target distance = 2606m			distance = 2606m
1153	speed has reached 113km/h	ODO	T0+3835s		DMI		changing speed is correctly displayed in speed dial range
1154	STM updates supervision info (set 58-10)	PROF	T0+3835s	connection of active DMI channel: Message-S58 with target distance = 2446m	DMI		supervision info display is updated with target distance = 2446m
1155	speed has reached 109km/h	ODO	T0+3840s		DMI		changing speed is correctly displayed in speed dial range
1156	STM updates supervision info (set 58-11)	PROF	T0+3840s	connection of active DMI channel: Message-S58 with target distance = 2292m	DMI		supervision info display is updated with target distance = 2292m
1157	speed has reached 104km/h	ODO	T0+3845s		DMI		changing speed is correctly displayed in speed dial range
1158	STM updates supervision info (set 58-12)	PROF	T0+3845s	connection of active DMI channel: Message-S58 with target distance = 2145m	DMI		supervision info display is updated with target distance = 2145m
1159	speed has reached 100km/h	ODO	T0+3850s		DMI		changing speed is correctly displayed in speed dial range
1160	STM updates supervision info (set 58-13)	PROF	T0+3850s	connection of active DMI channel: Message-S58 with target distance = 2004m	DMI		supervision info display is updated with target distance = 2004m
1161	speed has reached 95km/h	ODO	T0+3855s		DMI		changing speed is correctly displayed in speed dial range
1162	STM updates supervision info (set 59-1)	PROF	T0+3855s	connection of active DMI channel: Message-S59 with	DMI		supervision info display is shown with



				target distance = 1540m			Permitted speed = 100km/h with speed bar with hook Release speed = 80km/h with bar and digital Intervention speed = 110km/h with wide bar width Target distance = 1540m with bar and digital
1163	speed has reached 90km/h	ODO	T0+3860s		DMI		changing speed is correctly displayed in speed dial range
1164	STM updates supervision info (set 59-2)	PROF	T0+3860s	connection of active DMI channel: Message-S59 with target distance = 1412m	DMI		supervision info display is updated with target distance = 1412m
1165	speed has reached 86km/h	ODO	T0+3865s		DMI		changing speed is correctly displayed in speed dial range
1166	STM updates supervision info (set 59-3)	PROF	T0+3865s	connection of active DMI channel: Message-S59 with target distance = 1290m	DMI		supervision info display is updated with target distance = 1290m
1167	speed has reached 81km/h	ODO	T0+3870s		DMI		changing speed is correctly displayed in speed dial range
1168	STM updates supervision info (set 59-4)	PROF	T0+3870s	connection of active DMI channel: Message-S59 with target distance = 1175m	DMI		supervision info display is updated with target distance = 1175m
1169	speed has reached 77km/h	ODO	T0+3875s		DMI		changing speed is correctly displayed in speed dial range



1170	STM updates supervision info (set 59-5)	PROF	T0+3875s	connection of active DMI channel: Message-S59 with target distance = 1066m	DMI		supervision info display is updated with target distance = 1066m
1171	speed has reached 72km/h	ODO	T0+3880s		DMI		changing speed is correctly displayed in speed dial range
1172	STM updates supervision info (set 59-6)	PROF	T0+3880s	connection of active DMI channel: Message-S59 with target distance = 963m	DMI		supervision info display is updated with target distance = 963m
1173	speed has reached 67km/h	ODO	T0+3885s		DMI		changing speed is correctly displayed in speed dial range
1174	STM updates supervision info (set 59-7)	PROF	T0+3885s	connection of active DMI channel: Message-S59 with target distance = 867m	DMI		supervision info display is updated with target distance = 867m
1175	speed has reached 63km/h	ODO	T0+3890s		DMI		changing speed is correctly displayed in speed dial range
1176	STM updates supervision info (set 59-8)	PROF	T0+3890s	connection of active DMI channel: Message-S59 with target distance = 777m	DMI		supervision info display is updated with target distance = 777m
1177	speed has reached 58km/h	ODO	T0+3895s		DMI		changing speed is correctly displayed in speed dial range
1178	STM updates supervision info (set 59-9)	PROF	T0+3895s	connection of active DMI channel: Message-S59 with target distance = 694m	DMI		supervision info display is updated with target distance = 694m
1179	speed has reached 53km/h	ODO	T0+3900s		DMI		changing speed is correctly displayed in speed dial range



1180	STM updates supervision info (set 59-10)	PROF	T0+3900s	connection of active DMI channel: Message-S59 with target distance = 617m	DMI		supervision info display is updated with target distance = 617m
1181	speed has reached 49km/h	ODO	T0+3905s		DMI		changing speed is correctly displayed in speed dial range
1182	STM updates supervision info (set 59-11)	PROF	T0+3905s	connection of active DMI channel: Message-S59 with target distance = 546m	DMI		supervision info display is updated with target distance = 546m
1183	speed has reached 44km/h	ODO	T0+3910s		DMI		changing speed is correctly displayed in speed dial range
1184	STM updates supervision info (set 59-12)	PROF	T0+3910s	connection of active DMI channel: Message-S59 with target distance = 482m	DMI		supervision info display is updated with target distance = 482m
1185	speed has reached 40km/h	ODO	T0+3915s		DMI		changing speed is correctly displayed in speed dial range
1186	STM updates supervision info (set 59-13)	PROF	T0+3915s	connection of active DMI channel: Message-S59 with target distance = 424m	DMI		supervision info display is updated with target distance = 424m
1187	speed has reached 35km/h	ODO	T0+3920s		DMI		changing speed is correctly displayed in speed dial range
1188	STM updates supervision info (set 60-1)	PROF	T0+3920s	connection of active DMI channel: Message-S60 with target distance = 100m	DMI		supervision info display is shown with Permitted speed = 40km/h with speed bar with hook Release speed = 80km/h with bar and digital



							Intervention speed = 50km/h with wide bar width Target distance = 100m with bar and digital
1189	STM updates supervision info (set 60-2)	PROF	T0+3925s	connection of active DMI channel: Message-S60 with target distance = 52m	DMI		supervision info display is updated with target distance = 52m

Message-S1: STM updates supervision info (set 1)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
NID_PACKET	8	15	State report from STM (STM-15)
L_PACKET	13	25	Packet Length
NID_STMSTATE	4	7	State DA
NID_PACKET	8	43	Supervision Information from STM (STM-43)
L_PACKET	13	100	Packet Length
Q_SCALE	2	1	1m scale
V_PERMIT	10	40	40km/h
V_TARGET	7	0	0km/h
V_RELEASE	10	0	0km/h
V_INTERV	10	50	50km/h
D_TARGET	15	0	0m
M_COLOUR_SP	3	0	White



M_COLOUR_PS	3	0	White
Q_DISPLAY_PS	2	01b	Hook only
M_COLOUR_TS	3	0	White
Q_DISPLAY_TS	2	00b	No display
M_COLOUR_RS	3	0	White
Q_DISPLAY_RS	2	00b	No display
M_COLOUR_IS	3	3	Dark grey
Q_DISPLAY_IS	2	10b	wide bar width
Q_DISPLAY_TD	2	00b	No display
Padding bits	3	000b	

Message-S2: STM updates supervision info (set 2)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=120, VT=0, VR=0, VI=130, DT=0			
MS=0(White), MP=0(White), QP=01b(Hook only), MT=0(White), QT=00b(No display),			
MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S3: STM updates supervision info (set 3)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM



L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=200, VT=0, VR=0, VI=210, DT=0 MS=0(White), MP=0(White), QP=01b(Hook only), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S4: STM updates supervision info (set 4)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=280, VT=0, VR=0, VI=290, DT=0 MS=0(White), MP=0(White), QP=01b(Hook only), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S5: STM updates supervision info (set 5)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=360, VT=0, VR=0, VI=370, DT=0 MS=0(White), MP=0(White), QP=01b(Hook only), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			



Message-S6 with target distance = <Target distance in m>: STM updates supervision info (set 6-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
NID_PACKET	8	15	State report from STM (STM-15)
L_PACKET	13	25	Packet Length
NID_STMSTATE	4	7	State DA
NID_PACKET	8	43	Supervision Information from STM (STM-43)
L_PACKET	13	100	Packet Length
Q_SCALE	2	1	1m scale
V_PERMIT	10	360	360km/h
V_TARGET	7	64	320km/h
V_RELEASE	10	0	0km/h
V_INTERV	10	370	370km/h
D_TARGET	15	<Target distance in m>	
M_COLOUR_SP	3	0	White
M_COLOUR_PS	3	0	White
Q_DISPLAY_PS	2	01b	Hook only
M_COLOUR_TS	3	2	Medium grey
Q_DISPLAY_TS	2	01b	Hook only
M_COLOUR_RS	3	0	White
Q_DISPLAY_RS	2	00b	No display
M_COLOUR_IS	3	3	Dark grey

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Q_DISPLAY_IS	2	10b	wide bar width
Q_DISPLAY_TD	2	01b	Digital only
Padding bits	3	000b	

Message-S7 with target distance = <Target distance in m>: STM updates supervision info (set 7-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=280, VT=48, VR=0, VI=290, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S8 with target distance = <Target distance in m>: STM updates supervision info (set 8-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=200, VT=32, VR=0, VI=210, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S9 with target distance = <Target distance in m>: STM updates supervision info (set 9-i)			
VARIABLE	Length	VALUE	COMMENT



NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=120, VT=16, VR=0, VI=130, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S10 with target distance = <Target distance in m>: STM updates supervision info (set 10-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=40, VT=0, VR=20, VI=50, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=0(White), QT=00b(No display), MR=2(Medium grey), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S11 with target distance = <Target distance in m>: STM updates supervision info (set 11-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=50, VT=8, VR=0, VI=80, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=01b(Hook only), MT=0(White), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=01b(Digital only),			



Message-S12 with target distance = <Target distance in m>: STM updates supervision info (set 12-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=130, VT=24, VR=0, VI=160, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=01b(Hook only), MT=0(White), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S13 with target distance = <Target distance in m>: STM updates supervision info (set 13-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=210, VT=40, VR=0, VI=240, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=01b(Hook only), MT=0(White), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S14 with target distance = <Target distance in m>: STM updates supervision info (set 14-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=290, VT=56, VR=0, VI=320, DT=<Target distance in m>
 MS=0(White), MP=3(Dark grey), QP=01b(Hook only), MT=0(White), QT=01b(Hook only),
 MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=01b(Digital only),

Message-S15 with target distance = <Target distance in m>: STM updates supervision info (set 15-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=340, VT=0, VR=80, VI=350, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S16 with target distance = <Target distance in m>: STM updates supervision info (set 16-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=280, VT=0, VR=80, VI=290, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S17 with target distance = <Target distance in m>: STM updates supervision info (set 17-i)			
VARIABLE	Length	VALUE	COMMENT



NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=220, VT=0, VR=80, VI=230, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S18 with target distance = <Target distance in m>: STM updates supervision info (set 18-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=160, VT=0, VR=80, VI=170, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S19 with target distance = <Target distance in m>: STM updates supervision info (set 19-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=80, VI=110, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			



Message-S20 with target distance = <Target distance in m>: STM updates supervision info (set 20-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=40, VT=0, VR=80, VI=50, DT=<Target distance in m> MS=0(White), MP=0(White), QP=01b(Hook only), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S21: STM updates supervision info (set 21)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=40, VT=0, VR=0, VI=50, DT=0 MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=00b(No display),			

Message-S22: STM updates supervision info (set 22)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=120, VT=0, VR=0, VI=130, DT=0

MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display),

MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=00b(No display),

Message-S23: STM updates supervision info (set 23)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=200, VT=0, VR=0, VI=210, DT=0

MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display),

MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=00b(No display),

Message-S24: STM updates supervision info (set 24)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=280, VT=0, VR=0, VI=290, DT=0

MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display),

MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=00b(No display),

Message-S25: STM updates supervision info (set 25)

VARIABLE	Length	VALUE	COMMENT
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NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=360, VT=0, VR=0, VI=370, DT=0 MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=00b(No display),			

Message-S26 with target distance = <Target distance in m>: STM updates supervision info (set 26-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=360, VT=64, VR=0, VI=370, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S27 with target distance = <Target distance in m>: STM updates supervision info (set 27-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=280, VT=48, VR=0, VI=290, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			



Message-S28 with target distance = <Target distance in m>: STM updates supervision info (set 28-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=200, VT=32, VR=0, VI=210, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S29 with target distance = <Target distance in m>: STM updates supervision info (set 29-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=120, VT=16, VR=0, VI=130, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S30 with target distance = <Target distance in m>: STM updates supervision info (set 30-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=40, VT=0, VR=20, VI=50, DT=<Target distance in m>
 MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display),
 MR=2(Medium grey), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),

Message-S31 with target distance = <Target distance in m>: STM updates supervision info (set 31-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=50, VT=8, VR=0, VI=80, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=10b(Speed bar without hook), MT=0(White), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S32 with target distance = <Target distance in m>: STM updates supervision info (set 32-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=130, VT=24, VR=0, VI=160, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=10b(Speed bar without hook), MT=0(White), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S33 with target distance = <Target distance in m>: STM updates supervision info (set 33-i)			
VARIABLE	Length	VALUE	COMMENT



NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=210, VT=40, VR=0, VI=240, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=10b(Speed bar without hook), MT=0(White), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S34 with target distance = <Target distance in m>: STM updates supervision info (set 34-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=290, VT=56, VR=0, VI=320, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=10b(Speed bar without hook), MT=0(White), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S35 with target distance = <Target distance in m>: STM updates supervision info (set 35-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=340, VT=0, VR=80, VI=350, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			



Message-S36 with target distance = <Target distance in m>: STM updates supervision info (set 36-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=280, VT=0, VR=80, VI=290, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S37 with target distance = <Target distance in m>: STM updates supervision info (set 37-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=220, VT=0, VR=80, VI=230, DT=<Target distance in m> MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S38 with target distance = <Target distance in m>: STM updates supervision info (set 38-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=160, VT=0, VR=80, VI=170, DT=<Target distance in m>
 MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display),
 MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),

Message-S39 with target distance = <Target distance in m>: STM updates supervision info (set 39-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=100, VT=0, VR=80, VI=110, DT=<Target distance in m>
 MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display),
 MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),

Message-S40 with target distance = <Target distance in m>: STM updates supervision info (set 40-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=40, VT=0, VR=80, VI=50, DT=<Target distance in m>
 MS=0(White), MP=0(White), QP=10b(Speed bar without hook), MT=2(Medium grey), QT=00b(No display),
 MR=0(White), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),

Message-S41: STM updates supervision info (set 41)			
VARIABLE	Length	VALUE	COMMENT



NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=40, VT=0, VR=0, VI=50, DT=0 MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S42: STM updates supervision info (set 42)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=120, VT=0, VR=0, VI=130, DT=0 MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S43: STM updates supervision info (set 43)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=200, VT=0, VR=0, VI=210, DT=0 MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			



Message-S44: STM updates supervision info (set 44)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=280, VT=0, VR=0, VI=290, DT=0 MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S45: STM updates supervision info (set 45)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=360, VT=0, VR=0, VI=370, DT=0 MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=00b(No display),			

Message-S46 with target distance = <Target distance in m>: STM updates supervision info (set 46-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=360, VT=64, VR=0, VI=370, DT=<Target distance in m>
MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=11b(Speed bar with hook),
MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),

Message-S47 with target distance = <Target distance in m>: STM updates supervision info (set 47-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=280, VT=48, VR=0, VI=290, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S48 with target distance = <Target distance in m>: STM updates supervision info (set 48-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=200, VT=32, VR=0, VI=210, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S49 with target distance = <Target distance in m>: STM updates supervision info (set 49-i)			
VARIABLE	Length	VALUE	COMMENT



NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=120, VT=16, VR=0, VI=130, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S50 with target distance = <Target distance in m>: STM updates supervision info (set 50-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=40, VT=0, VR=20, VI=50, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=2(Medium grey), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S51 with target distance = <Target distance in m>: STM updates supervision info (set 51-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=50, VT=8, VR=0, VI=80, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=11b(Speed bar with hook), MT=0(White), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=11b(Bar and digital),			



Message-S52 with target distance = <Target distance in m>: STM updates supervision info (set 52-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=130, VT=24, VR=0, VI=160, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=11b(Speed bar with hook), MT=0(White), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S53 with target distance = <Target distance in m>: STM updates supervision info (set 53-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=210, VT=40, VR=0, VI=240, DT=<Target distance in m> MS=0(White), MP=3(Dark grey), QP=11b(Speed bar with hook), MT=0(White), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S54 with target distance = <Target distance in m>: STM updates supervision info (set 54-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=290, VT=56, VR=0, VI=320, DT=<Target distance in m>
 MS=0(White), MP=3(Dark grey), QP=11b(Speed bar with hook), MT=0(White), QT=11b(Speed bar with hook),
 MR=0(White), QR=00b(No display), MI=2(Medium grey), QI=10b(wide bar width), QD=11b(Bar and digital),

Message-S55 with target distance = <Target distance in m>: STM updates supervision info (set 55-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=340, VT=0, VR=80, VI=350, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S56 with target distance = <Target distance in m>: STM updates supervision info (set 56-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=280, VT=0, VR=80, VI=290, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S57 with target distance = <Target distance in m>: STM updates supervision info (set 57-i)			
VARIABLE	Length	VALUE	COMMENT



NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=220, VT=0, VR=80, VI=230, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S58 with target distance = <Target distance in m>: STM updates supervision info (set 58-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=160, VT=0, VR=80, VI=170, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S59 with target distance = <Target distance in m>: STM updates supervision info (set 59-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=80, VI=110, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			



Message-S60 with target distance = <Target distance in m>: STM updates supervision info (set 60-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=40, VT=0, VR=80, VI=50, DT=<Target distance in m> MS=0(White), MP=0(White), QP=11b(Speed bar with hook), MT=2(Medium grey), QT=00b(No display), MR=0(White), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

2.6.6 Test Case 7f.6

TEST CASE HEADER	
Test case identification	DMI Function
	7f1.0.2.5.X.0.0.((7f2.0.1.(7f3.0.1.1.1.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))* ((7f2.0.1.(7f3.0.2.2.3.0.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))*. ((7f2.0.1.(7f3.0.2.2.3.2.3.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))* ((7f2.0.1.(7f3.0.2.2.1.0.0).0.(7f4.0.1.2.4.3.3.0).1.1.0))*. ((7f2.0.1.(7f3.0.2.2.3.2.3.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))* ((7f2.0.1.(7f3.0.2.2.3.2.3.0).0.(7f4.0.1.2.1.3.4.0).1.2.0))*. ((7f2.0.1.(7f3.0.1.1.1.0).0.(7f4.0.1.3.1.2.4.0).3.1.0))* ((7f2.0.1.(7f3.0.3.3.3.0.0).0.(7f4.0.2.3.1.2.4.0).3.1.0))*. ((7f2.0.1.(7f3.0.3.3.3.3.0.0).0.(7f4.0.2.3.1.2.4.0).4.1.0))* ((7f2.0.1.(7f3.0.3.3.1.0.0).0.(7f4.0.2.3.4.2.3.0).3.1.0))*. ((7f2.0.1.(7f3.0.3.3.3.3.0.0).0.(7f4.0.2.3.1.2.4.0).4.1.0))* ((7f2.0.1.(7f3.0.3.3.3.3.0.0).0.(7f4.0.2.3.1.2.4.0).5.2.0))*. ((7f2.0.1.(7f3.0.1.1.1.0).0.(7f4.0.1.4.1.3.4.0).3.1.0))* ((7f2.0.1.(7f3.0.4.4.3.0.0).0.(7f4.0.2.4.1.3.4.0).3.1.0))*. ((7f2.0.1.(7f3.0.4.4.3.4.3.0).0.(7f4.0.2.4.1.3.4.0).4.1.0))* ((7f2.0.1.(7f3.0.4.4.1.0.0).0.(7f4.0.2.4.4.3.3.0).3.1.0))*. ((7f2.0.1.(7f3.0.4.4.3.4.3.0).0.(7f4.0.2.4.1.3.4.0).4.1.0))* ((7f2.0.1.(7f3.0.4.4.3.4.3.0).0.(7f4.0.2.4.1.3.4.0).5.2.0))*.



	<p>X=1,2,3 or 4 depending on configured ETCS speed dial range.</p> <p>Test for display of speed and distance supervision information with STM speed dial range configured as ETCS speed dial range:</p> <p>Supervision info is shown in all possible display modes with increasing and decreasing speeds values to demonstrate correct display in circular speed gauge for STM speed dial range.</p> <p>Same test steps and messages as in test case 7e.2 - 7e.5 with configured STM speed dial range equal to the configured ETCS speed dial range</p>
ERTMS/ETCS on-board requirements tested	SUBSET-035 13.4.6.4
	ERA ERTMS 015560 (DMI Spec) 9.3.7.1, 9.3.7.1.1, 9.3.7.1.2, 9.3.7.1.3, 9.3.7.1.4, 9.3.7.1.5 a),b),c), 9.3.7.1.6, 9.3.7.1.7, 9.3.7.1.8, 9.3.7.1.8 a)-j), 9.3.7.1.9, 9.5.2.4
STM requirements tested	
Packets transmitted via FFFIS STM	STM-15, STM-43
ERTMS/ETCS on-board configuration	Customisable DMI with configuration 7a.4
Comments and constraints	Starting and end conditions as for test case 7f.2

2.6.7 Test Case 7f.7

TEST CASE HEADER	
Test case identification	DMI Function
	<p>7f1.0.3.X.0.0.((7f2.0.1.(7f3.0.1.1.1.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))* ((7f2.0.1.(7f3.0.2.2.3.0.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))*.</p> <p>((7f2.0.1.(7f3.0.2.2.3.2.3.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))* ((7f2.0.1.(7f3.0.2.2.1.0.0).0.(7f4.0.1.2.4.3.3.0).1.1.0))*.</p> <p>((7f2.0.1.(7f3.0.2.2.3.2.3.0).0.(7f4.0.1.2.1.3.4.0).1.1.0))* ((7f2.0.1.(7f3.0.2.2.3.2.3.0).0.(7f4.0.1.2.1.3.4.0).1.2.0))*.</p> <p>((7f2.0.1.(7f3.0.1.1.1.0).0.(7f4.0.1.3.1.2.4.0).3.1.0))* ((7f2.0.1.(7f3.0.3.3.3.0.0).0.(7f4.0.2.3.1.2.4.0).3.1.0))*.</p> <p>((7f2.0.1.(7f3.0.3.3.3.3.0).0.(7f4.0.2.3.1.2.4.0).4.1.0))* ((7f2.0.1.(7f3.0.3.3.1.0.0).0.(7f4.0.2.3.4.2.3.0).3.1.0))*.</p>



	<p> $((7f2.0.1.(7f3.0.3.3.3.3.0).0.(7f4.0.2.3.1.2.4.0).4.1.0))^* . ((7f2.0.1.(7f3.0.3.3.3.3.0).0.(7f4.0.2.3.1.2.4.0).5.2.0))^* .$ $((7f2.0.1.(7f3.0.1.1.1.0).0.(7f4.0.1.4.1.3.4.0).3.1.0))^* . ((7f2.0.1.(7f3.0.4.4.3.0.0).0.(7f4.0.2.4.1.3.4.0).3.1.0))^* .$ $((7f2.0.1.(7f3.0.4.4.3.4.3.0).0.(7f4.0.2.4.1.3.4.0).4.1.0))^* . ((7f2.0.1.(7f3.0.4.4.1.0.0).0.(7f4.0.2.4.4.3.3.0).3.1.0))^* .$ $((7f2.0.1.(7f3.0.4.4.3.4.3.0).0.(7f4.0.2.4.1.3.4.0).4.1.0))^* . ((7f2.0.1.(7f3.0.4.4.3.4.3.0).0.(7f4.0.2.4.1.3.4.0).5.2.0))^* .$ </p> <p>X=1,2,3 or 4 depending on configured ETCS speed dial range.</p> <p>Test for display of speed and distance supervision information with STM speed dial range configured as ETCS speed dial range: Supervision info is shown in all possible display modes with increasing and decreasing speeds values to demonstrate correct display in circular speed gauge for STM speed dial range.</p> <p>Same test steps and messages as in test case 7e.2 - 7e.5 with configured STM speed dial range equal to the configured ETCS speed dial range</p>
ERTMS/ETCS on-board requirements tested	SUBSET-035 13.4.6.4
	ERA ERTMS 015560 (DMI Spec) 9.3.7.1, 9.3.7.1.1, 9.3.7.1.2, 9.3.7.1.3, 9.3.7.1.4, 9.3.7.1.5 a),b),c), 9.3.7.1.6, 9.3.7.1.7, 9.3.7.1.8, 9.3.7.1.8 a)-j), 9.3.7.1.9, 9.5.2.4
STM requirements tested	
Packets transmitted via FFFIS STM	STM-15, STM-43
ERTMS/ETCS on-board configuration	Unified DMI service
Comments and constraints	Starting and end conditions as for test case 7f.2

2.6.8 Test Case 7f.8

TEST CASE HEADER	
Test case identification	DMI Function



7f1.0.(2-3).X.Y.0.0.(7f2.0.(1-7).(7f3.0.1.1.1.0).0.(7f4.0.1.1.1.0).1.1.0).
(7f2.0.1.(7f3.0.1.1.1.0).0.(7f4.0.1.2.(1-7).1.0).3.1.0). (7f2.0.1.(7f3.0.2.2.(1-7).0.0).0.(7f4.0.3.1.1.0).1.1.0).
(7f2.0.1.(7f3.0.2.2.4.1.0).0.(7f4.0.2.2.(1-7).1.0).3.1.0). (7f2.0.1.(7f3.0.2.2.(1-7).1.0).0.(7f4.0.2.2.4.1.0).3.1.0).
(7f2.0.Z.(7f3.0.2.2.Z.0).0.(7f4.0.2.2.Z.2.Z.0).3.1.0). (7f2.0.Z.(7f3.0.2.1.2.(Z+1).0).0.(7f4.0.1.2.(Z+2).2.(Z+3).0).4.1.0).
(7f2.0.1.(7f3.0.1.1.1.0).0.(7f4.0.1.3.(1-7).1.0).3.1.0). (7f2.0.1.(7f3.0.3.3.(1-7).0.0).0.(7f4.0.3.1.1.0).1.1.0).
(7f2.0.1.(7f3.0.1.1.3.(1-7).0).0.(7f4.0.1.1.1.0).2.1.0). (7f2.0.1.(7f3.0.1.1.1.0).0.(7f4.0.4.1.2.(1-7).0).1.1.0).
(7f2.0.1.(7f3.0.3.3.4.1.0).0.(7f4.0.2.3.(1-7).1.0).3.1.0). (7f2.0.1.(7f3.0.3.3.(1-7).1.0).0.(7f4.0.2.3.4.1.0).3.1.0).
(7f2.0.1.(7f3.0.3.1.3.4.0).0.(7f4.0.1.3.(1-7).1.0).4.1.0). (7f2.0.1.(7f3.0.3.1.3.(1-7).0).0.(7f4.0.1.3.4.1.0).5.1.0).
(7f2.0.Z.(7f3.0.3.3.Z.0).0.(7f4.0.2.3.Z.1.Z.0).3.1.0). (7f2.0.Z.(7f3.0.3.1.3.(Z+1).0).0.(7f4.0.1.3.(Z+2).1.(Z+3).0).4.1.0).
(7f2.0.1.(7f3.0.1.1.1.0).0.(7f4.0.1.4.(1-7).1.0).3.1.0). (7f2.0.1.(7f3.0.4.4.(1-7).0.0).0.(7f4.0.3.1.1.0).1.1.0).
(7f2.0.1.(7f3.0.1.1.4.(1-7).0).0.(7f4.0.1.1.1.0).2.1.0). (7f2.0.1.(7f3.0.1.1.1.0).0.(7f4.0.4.1.3.(1-7).0).1.1.0).
(7f2.0.1.(7f3.0.4.4.4.1.0).0.(7f4.0.2.4.(1-7).1.0).3.1.0). (7f2.0.1.(7f3.0.4.4.(1-7).1.0).0.(7f4.0.2.4.4.1.0).3.1.0).
(7f2.0.1.(7f3.0.4.1.4.4.0).0.(7f4.0.1.4.(1-7).1.0).4.1.0). (7f2.0.1.(7f3.0.4.1.4.(1-7).0).0.(7f4.0.1.4.4.1.0).5.1.0).
(7f2.0.Z.(7f3.0.4.4.Z.0).0.(7f4.0.2.4.Z.2.Z.0).3.1.0). (7f2.0.Z.(7f3.0.4.1.4.(Z+1).0).0.(7f4.0.1.4.(Z+2).2.(Z+3).0).4.1.0).

X=3 for unified DMI,

X = 2.1 for 140km/h STM speed dial range,

X = 2.2 for 180km/h STM speed dial range,

X = 2.3 for 250km/h STM speed dial range,

X = 2.4 for 400km/h STM speed dial range,

X = 2.5 for STM speed dial range same as ETCS speed dial range,

Y=1,2,3 or 4 depending on configured ETCS speed dial range.

Z=1,2,... 7 depending on selected colour.

(Z+i) corresponding to (Z+i-1) modulo 7 + 1.



	Test for display of speed and distance supervision information with different colour schemes: Supervision info is shown for single speed bars, permitted speed bar with target or release speed bar and all speed bars with all possible colours.
ERTMS/ETCS on-board requirements tested	SUBSET-035 13.4.6.4
	ERA ERTMS 015560 (DMI Spec) 9.3.7.1, 9.3.7.1.1, 9.3.7.1.2, 9.3.7.1.3, 9.3.7.1.4, 9.3.7.1.5 a),b),c), 9.3.7.1.6, 9.3.7.1.7, 9.3.7.1.8, 9.3.7.1.8 a)-j), 9.3.7.1.9, 9.5.2.4
STM requirements tested	
Packets transmitted via FFFIS STM	STM-15, STM-43
ERTMS/ETCS on-board configuration	Unified DMI service or customisable DMI service for configuration 7a.3, 7a.4, 7a.5, 7a.6, 7a.7, 7a.9 (one configuration shall be chosen)
Comments and constraints	

Starting Conditions	Value	Comments
STM State	DA	
ETCS Mode	SN	
ETCS Level	NTC	
Train State	moving	speed about 80 km/h
ETCS Train Data	not relevant	
Active DMI channel Connection	Established	
Other DMI channels Connections	not relevant	
TIU Connection	not relevant	
BIU Connection	not relevant	
JD Connection	not relevant	
TIU Regenerative Brake Command	not relevant	

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TIU Magnetic Shoes Brake Command	not relevant	
TIU Eddy Current Brake Command for Emergency Brake	not relevant	
TIU Eddy Current Brake Command for Service Brake	not relevant	
TIU Pantograph Command	not relevant	
TIU Air Tightness Command	not relevant	
TIU Main Switch / Circuit Breaker Command	not relevant	
TIU Traction Cut Off Command	not relevant	
TIU Traction Status	On	
TIU Direction Controller Position Status	not relevant	
TIU Cab Status	Cab A or B active	For the test it is not relevant, what cab is active
BIU Emergency Brake Command	Release	
BIU Service Brake Command	Release	
BIU Emergency Brake Status	not relevant	
BIU Service Brake Status	not relevant	
NTC isolation status	Not isolated for active STM. Not relevant for other STMs	

ERTMS/ETCS on-board Test Case

Step	Description/Comments	Input I/F	Input time	Input Action	Output I/F	Output time limit	Output action
1-7	Speed pointer is shown only with varying colours	PROF	T0		DMI		
1	STM updates supervision info (set 1-	PROF	T0	connection of active DMI channel:	DMI		supervision info display is shown



	1)			Message-S1 with colour code 0 for white			with speed pointer colour white
2	STM updates supervision info (set 1-2)	PROF	T0+5s	connection of active DMI channel: Message-S1 with colour code 1 for grey	DMI		supervision info display is updated with speed pointer colour grey
3	STM updates supervision info (set 1-3)	PROF	T0+10s	connection of active DMI channel: Message-S1 with colour code 2 for medium grey	DMI		supervision info display is updated with speed pointer colour medium grey
4	STM updates supervision info (set 1-4)	PROF	T0+15s	connection of active DMI channel: Message-S1 with colour code 3 for dark grey	DMI		supervision info display is updated with speed pointer colour dark grey
5	STM updates supervision info (set 1-5)	PROF	T0+20s	connection of active DMI channel: Message-S1 with colour code 4 for yellow	DMI		supervision info display is updated with speed pointer colour yellow
6	STM updates supervision info (set 1-6)	PROF	T0+25s	connection of active DMI channel: Message-S1 with colour code 5 for orange	DMI		supervision info display is updated with speed pointer colour orange
7	STM updates supervision info (set 1-7)	PROF	T0+30s	connection of active DMI channel: Message-S1 with colour code 6 for red	DMI		supervision info display is updated with speed pointer colour red
8-14	Permitted speed is shown with varying colours and hook only	PROF	T0+35s		DMI		
8	STM updates supervision info (set 2-1)	PROF	T0+35s	connection of active DMI channel: Message-S2 with colour code 0 for white	DMI		supervision info display is shown with speed pointer colour white Permitted speed = 100km/h with colour white and hook only
9	STM updates supervision info (set 2-2)	PROF	T0+40s	connection of active DMI channel: Message-S2 with colour code 1 for grey	DMI		supervision info display is updated with permitted speed colour grey
10	STM updates supervision info (set 2-3)	PROF	T0+45s	connection of active DMI channel: Message-S2 with colour code 2 for	DMI		supervision info display is updated with permitted speed colour medium



				medium grey			grey
11	STM updates supervision info (set 2-4)	PROF	T0+50s	connection of active DMI channel: Message-S2 with colour code 3 for dark grey	DMI		supervision info display is updated with permitted speed colour dark grey
12	STM updates supervision info (set 2-5)	PROF	T0+55s	connection of active DMI channel: Message-S2 with colour code 4 for yellow	DMI		supervision info display is updated with permitted speed colour yellow
13	STM updates supervision info (set 2-6)	PROF	T0+60s	connection of active DMI channel: Message-S2 with colour code 5 for orange	DMI		supervision info display is updated with permitted speed colour orange
14	STM updates supervision info (set 2-7)	PROF	T0+65s	connection of active DMI channel: Message-S2 with colour code 6 for red	DMI		supervision info display is updated with permitted speed colour red
15-21	Target speed is shown with varying colours and hook only	PROF	T0+70s		DMI		
15	STM updates supervision info (set 3-1)	PROF	T0+70s	connection of active DMI channel: Message-S3 with colour code 0 for white	DMI		supervision info display is shown with speed pointer colour white Target speed = 100km/h with colour white and hook only Target distance = 5000m with digital only
16	STM updates supervision info (set 3-2)	PROF	T0+75s	connection of active DMI channel: Message-S3 with colour code 1 for grey	DMI		supervision info display is updated with target speed colour grey
17	STM updates supervision info (set 3-3)	PROF	T0+80s	connection of active DMI channel: Message-S3 with colour code 2 for medium grey	DMI		supervision info display is updated with target speed colour medium grey
18	STM updates supervision info (set 3-4)	PROF	T0+85s	connection of active DMI channel: Message-S3 with colour code 3 for dark grey	DMI		supervision info display is updated with target speed colour dark grey

19	STM updates supervision info (set 3-5)	PROF	T0+90s	connection of active DMI channel: Message-S3 with colour code 4 for yellow	DMI		supervision info display is updated with target speed colour yellow
20	STM updates supervision info (set 3-6)	PROF	T0+95s	connection of active DMI channel: Message-S3 with colour code 5 for orange	DMI		supervision info display is updated with target speed colour orange
21	STM updates supervision info (set 3-7)	PROF	T0+100s	connection of active DMI channel: Message-S3 with colour code 6 for red	DMI		supervision info display is updated with target speed colour red
22-28	Permitted speed is shown with varying colours and hook only. Target speed is shown with dark grey and hook only	PROF	T0+105s		DMI		
22	STM updates supervision info (set 4-1)	PROF	T0+105s	connection of active DMI channel: Message-S4 with colour code 0 for white	DMI		supervision info display is shown with speed pointer colour white Permitted speed = 100km/h with colour white and hook only Target speed = 80km/h with colour dark grey and hook only Target distance = 1000m with digital only
23	STM updates supervision info (set 4-2)	PROF	T0+110s	connection of active DMI channel: Message-S4 with colour code 1 for grey	DMI		supervision info display is updated with permitted speed colour grey
24	STM updates supervision info (set 4-3)	PROF	T0+115s	connection of active DMI channel: Message-S4 with colour code 2 for medium grey	DMI		supervision info display is updated with permitted speed colour medium grey
25	STM updates supervision info (set 4-4)	PROF	T0+120s	connection of active DMI channel: Message-S4 with colour code 3 for dark grey	DMI		supervision info display is updated with permitted speed colour dark grey
26	STM updates supervision info (set 4-5)	PROF	T0+125s	connection of active DMI channel: Message-S4 with colour code 4 for black	DMI		supervision info display is updated with permitted speed colour black

	5)			Message-S4 with colour code 4 for yellow			with permitted speed colour yellow
27	STM updates supervision info (set 4-6)	PROF	T0+130s	connection of active DMI channel: Message-S4 with colour code 5 for orange	DMI		supervision info display is updated with permitted speed colour orange
28	STM updates supervision info (set 4-7)	PROF	T0+135s	connection of active DMI channel: Message-S4 with colour code 6 for red	DMI		supervision info display is updated with permitted speed colour red
29-35	Permitted speed is shown with dark grey and hook only. Target speed is shown with varying colours and hook only	PROF	T0+140s		DMI		
29	STM updates supervision info (set 5-1)	PROF	T0+140s	connection of active DMI channel: Message-S5 with colour code 0 for white	DMI		supervision info display is shown with speed pointer colour white Permitted speed = 100km/h with colour dark grey and hook only Target speed = 80km/h with colour white and hook only Target distance = 1000m with digital only
30	STM updates supervision info (set 5-2)	PROF	T0+145s	connection of active DMI channel: Message-S5 with colour code 1 for grey	DMI		supervision info display is updated with target speed colour grey
31	STM updates supervision info (set 5-3)	PROF	T0+150s	connection of active DMI channel: Message-S5 with colour code 2 for medium grey	DMI		supervision info display is updated with target speed colour medium grey
32	STM updates supervision info (set 5-4)	PROF	T0+155s	connection of active DMI channel: Message-S5 with colour code 3 for dark grey	DMI		supervision info display is updated with target speed colour dark grey
33	STM updates supervision info (set 5-5)	PROF	T0+160s	connection of active DMI channel: Message-S5 with colour code 4 for	DMI		supervision info display is updated with target speed colour yellow

				yellow			
34	STM updates supervision info (set 5-6)	PROF	T0+165s	connection of active DMI channel: Message-S5 with colour code 5 for orange	DMI		supervision info display is updated with target speed colour orange
35	STM updates supervision info (set 5-7)	PROF	T0+170s	connection of active DMI channel: Message-S5 with colour code 6 for red	DMI		supervision info display is updated with target speed colour red
36-42	All speeds, but release speed are shown with the same colour - varying from step to step - with hook only for permitted and target speed, and wide bar width for intervention speed	PROF	T0+175s		DMI		
36	STM updates supervision info (set 6-1)	PROF	T0+175s	connection of active DMI channel: Message-S6 with colour code 0 for white	DMI		supervision info display is shown with speed pointer colour white Permitted speed = 100km/h with colour white and hook only Target speed = 80km/h with colour white and hook only Intervention speed = 110km/h with colour white and wide bar width Target distance = 2000m with digital only
37	STM updates supervision info (set 6-2)	PROF	T0+180s	connection of active DMI channel: Message-S6 with colour code 1 for grey	DMI		supervision info display is updated with speed pointer colour grey and permitted speed colour grey and target speed colour grey and intervention colour grey
38	STM updates supervision info (set 6-3)	PROF	T0+185s	connection of active DMI channel: Message-S6 with colour code 2 for medium grey	DMI		supervision info display is updated with speed pointer colour medium grey



							and permitted speed colour medium grey and target speed colour medium grey and intervention colour medium grey
39	STM updates supervision info (set 6-4)	PROF	T0+190s	connection of active DMI channel: Message-S6 with colour code 3 for dark grey	DMI		supervision info display is updated with speed pointer colour dark grey and permitted speed colour dark grey and target speed colour dark grey and intervention colour dark grey
40	STM updates supervision info (set 6-5)	PROF	T0+195s	connection of active DMI channel: Message-S6 with colour code 4 for yellow	DMI		supervision info display is updated with speed pointer colour yellow and permitted speed colour yellow and target speed colour yellow and intervention colour yellow
41	STM updates supervision info (set 6-6)	PROF	T0+200s	connection of active DMI channel: Message-S6 with colour code 5 for orange	DMI		supervision info display is updated with speed pointer colour orange and permitted speed colour orange and target speed colour orange and intervention colour orange
42	STM updates supervision info (set 6-7)	PROF	T0+205s	connection of active DMI channel: Message-S6 with colour code 6 for red	DMI		supervision info display is updated with speed pointer colour red and permitted speed colour red and target speed colour red and intervention colour red
43-49	All speeds but target speed are shown with different colours with varying	PROF	T0+210s		DMI		

	colours and hook only for permitted, digital only for release speed and wide bar width for intervention speed						
43	STM updates supervision info (set 7-1)	PROF	T0+210s	connection of active DMI channel: Message-S7-1	DMI		<p>supervision info display is shown with speed pointer colour white</p> <p>Permitted speed = 100km/h with colour grey and hook only</p> <p>Release speed = 40km/h with colour medium grey and digital only</p> <p>Intervention speed = 110km/h with colour dark grey and wide bar width</p> <p>Target distance = 2000m with digital only</p>
44	STM updates supervision info (set 7-2)	PROF	T0+215s	connection of active DMI channel: Message-S7-2	DMI		<p>supervision info display is shown with speed pointer colour grey</p> <p>Permitted speed = 100km/h with colour medium grey and hook only</p> <p>Release speed = 40km/h with colour dark grey and digital only</p> <p>Intervention speed = 110km/h with colour yellow and wide bar width</p> <p>Target distance = 2000m with digital only</p>
45	STM updates supervision info (set 7-3)	PROF	T0+220s	connection of active DMI channel: Message-S7-3	DMI		<p>supervision info display is shown with speed pointer colour medium grey</p> <p>Permitted speed = 100km/h with colour dark grey and hook only</p> <p>Release speed = 40km/h with colour yellow and digital only</p>

							Intervention speed = 110km/h with colour orange and wide bar width Target distance = 2000m with digital only
46	STM updates supervision info (set 7-4)	PROF	T0+225s	connection of active DMI channel: Message-S7-4	DMI		supervision info display is shown with speed pointer colour dark grey Permitted speed = 100km/h with colour yellow and hook only Release speed = 40km/h with colour orange and digital only Intervention speed = 110km/h with colour red and wide bar width Target distance = 2000m with digital only
47	STM updates supervision info (set 7-5)	PROF	T0+230s	connection of active DMI channel: Message-S7-5	DMI		supervision info display is shown with speed pointer colour yellow Permitted speed = 100km/h with colour orange and hook only Release speed = 40km/h with colour red and digital only Intervention speed = 110km/h with colour white and wide bar width Target distance = 2000m with digital only
48	STM updates supervision info (set 7-6)	PROF	T0+235s	connection of active DMI channel: Message-S7-6	DMI		supervision info display is shown with speed pointer colour orange Permitted speed = 100km/h with colour red and hook only Release speed = 40km/h with colour

							white and digital only Intervention speed = 110km/h with colour grey and wide bar width Target distance = 2000m with digital only
49	STM updates supervision info (set 7-7)	PROF	T0+240s	connection of active DMI channel: Message-S7-7	DMI		supervision info display is shown with speed pointer colour red Permitted speed = 100km/h with colour white and hook only Release speed = 40km/h with colour grey and digital only Intervention speed = 110km/h with colour medium grey and wide bar width Target distance = 2000m with digital only
50-56	Permitted speed is shown with varying colours and speed bar without hook	PROF	T0+245s		DMI		
50	STM updates supervision info (set 8-1)	PROF	T0+245s	connection of active DMI channel: Message-S8 with colour code 0 for white	DMI		supervision info display is shown with speed pointer colour white Permitted speed = 100km/h with colour white and speed bar without hook
51	STM updates supervision info (set 8-2)	PROF	T0+250s	connection of active DMI channel: Message-S8 with colour code 1 for grey	DMI		supervision info display is updated with permitted speed colour grey
52	STM updates supervision info (set 8-3)	PROF	T0+255s	connection of active DMI channel: Message-S8 with colour code 2 for medium grey	DMI		supervision info display is updated with permitted speed colour medium grey

53	STM updates supervision info (set 8-4)	PROF	T0+260s	connection of active DMI channel: Message-S8 with colour code 3 for dark grey	DMI		supervision info display is updated with permitted speed colour dark grey
54	STM updates supervision info (set 8-5)	PROF	T0+265s	connection of active DMI channel: Message-S8 with colour code 4 for yellow	DMI		supervision info display is updated with permitted speed colour yellow
55	STM updates supervision info (set 8-6)	PROF	T0+270s	connection of active DMI channel: Message-S8 with colour code 5 for orange	DMI		supervision info display is updated with permitted speed colour orange
56	STM updates supervision info (set 8-7)	PROF	T0+275s	connection of active DMI channel: Message-S8 with colour code 6 for red	DMI		supervision info display is updated with permitted speed colour red
57-63	Target speed is shown with varying colours and speed bar without hook	PROF	T0+280s		DMI		
57	STM updates supervision info (set 9-1)	PROF	T0+280s	connection of active DMI channel: Message-S9 with colour code 0 for white	DMI		supervision info display is shown with speed pointer colour white Target speed = 100km/h with colour white and speed bar without hook Target distance = 5000m with bar without digital
58	STM updates supervision info (set 9-2)	PROF	T0+285s	connection of active DMI channel: Message-S9 with colour code 1 for grey	DMI		supervision info display is updated with target speed colour grey
59	STM updates supervision info (set 9-3)	PROF	T0+290s	connection of active DMI channel: Message-S9 with colour code 2 for medium grey	DMI		supervision info display is updated with target speed colour medium grey
60	STM updates supervision info (set 9-4)	PROF	T0+295s	connection of active DMI channel: Message-S9 with colour code 3 for dark grey	DMI		supervision info display is updated with target speed colour dark grey
61	STM updates supervision info (set 9-5)	PROF	T0+300s	connection of active DMI channel: Message-S9 with colour code 4 for	DMI		supervision info display is updated with target speed colour yellow



				yellow			
62	STM updates supervision info (set 9-6)	PROF	T0+305s	connection of active DMI channel: Message-S9 with colour code 5 for orange	DMI		supervision info display is updated with target speed colour orange
63	STM updates supervision info (set 9-7)	PROF	T0+310s	connection of active DMI channel: Message-S9 with colour code 6 for red	DMI		supervision info display is updated with target speed colour red
64-70	Release speed is shown with varying colours and bar without digital	PROF	T0+315s		DMI		
64	STM updates supervision info (set 10-1)	PROF	T0+315s	connection of active DMI channel: Message-S10 with colour code 0 for white	DMI		supervision info display is shown with speed pointer colour white Release speed = 100km/h with colour white and bar without digital
65	STM updates supervision info (set 10-2)	PROF	T0+320s	connection of active DMI channel: Message-S10 with colour code 1 for grey	DMI		supervision info display is updated with release speed colour grey
66	STM updates supervision info (set 10-3)	PROF	T0+325s	connection of active DMI channel: Message-S10 with colour code 2 for medium grey	DMI		supervision info display is updated with release speed colour medium grey
67	STM updates supervision info (set 10-4)	PROF	T0+330s	connection of active DMI channel: Message-S10 with colour code 3 for dark grey	DMI		supervision info display is updated with release speed colour dark grey
68	STM updates supervision info (set 10-5)	PROF	T0+335s	connection of active DMI channel: Message-S10 with colour code 4 for yellow	DMI		supervision info display is updated with release speed colour yellow
69	STM updates supervision info (set 10-6)	PROF	T0+340s	connection of active DMI channel: Message-S10 with colour code 5 for orange	DMI		supervision info display is updated with release speed colour orange
70	STM updates supervision info (set 10-7)	PROF	T0+345s	connection of active DMI channel: Message-S10 with colour code 6 for red	DMI		supervision info display is updated with release speed colour red



71-77	Intervention speed shown with varying colours and normal bar width	PROF	T0+350s		DMI		
71	STM updates supervision info (set 11-1)	PROF	T0+350s	connection of active DMI channel: Message-S11 with colour code 0 for white	DMI		supervision info display is shown with speed pointer colour white Intervention speed = 100km/h with colour white and normal bar width
72	STM updates supervision info (set 11-2)	PROF	T0+355s	connection of active DMI channel: Message-S11 with colour code 1 for grey	DMI		supervision info display is updated with intervention colour grey
73	STM updates supervision info (set 11-3)	PROF	T0+360s	connection of active DMI channel: Message-S11 with colour code 2 for medium grey	DMI		supervision info display is updated with intervention colour medium grey
74	STM updates supervision info (set 11-4)	PROF	T0+365s	connection of active DMI channel: Message-S11 with colour code 3 for dark grey	DMI		supervision info display is updated with intervention colour dark grey
75	STM updates supervision info (set 11-5)	PROF	T0+370s	connection of active DMI channel: Message-S11 with colour code 4 for yellow	DMI		supervision info display is updated with intervention colour yellow
76	STM updates supervision info (set 11-6)	PROF	T0+375s	connection of active DMI channel: Message-S11 with colour code 5 for orange	DMI		supervision info display is updated with intervention colour orange
77	STM updates supervision info (set 11-7)	PROF	T0+380s	connection of active DMI channel: Message-S11 with colour code 6 for red	DMI		supervision info display is updated with intervention colour red
78-84	Permitted speed is shown with varying colours and speed bar without hook. Target speed is shown with dark grey and speed bar without hook	PROF	T0+385s		DMI		
78	STM updates supervision info (set 12-	PROF	T0+385s	connection of active DMI channel:	DMI		supervision info display is shown

	1)			Message-S12 with colour code 0 for white			with speed pointer colour white Permitted speed = 100km/h with colour white and speed bar without hook Target speed = 80km/h with colour dark grey and speed bar without hook Target distance = 1000m with bar without digital
79	STM updates supervision info (set 12-2)	PROF	T0+390s	connection of active DMI channel: Message-S12 with colour code 1 for grey	DMI		supervision info display is updated with permitted speed colour grey
80	STM updates supervision info (set 12-3)	PROF	T0+395s	connection of active DMI channel: Message-S12 with colour code 2 for medium grey	DMI		supervision info display is updated with permitted speed colour medium grey
81	STM updates supervision info (set 12-4)	PROF	T0+400s	connection of active DMI channel: Message-S12 with colour code 3 for dark grey	DMI		supervision info display is updated with permitted speed colour dark grey
82	STM updates supervision info (set 12-5)	PROF	T0+405s	connection of active DMI channel: Message-S12 with colour code 4 for yellow	DMI		supervision info display is updated with permitted speed colour yellow
83	STM updates supervision info (set 12-6)	PROF	T0+410s	connection of active DMI channel: Message-S12 with colour code 5 for orange	DMI		supervision info display is updated with permitted speed colour orange
84	STM updates supervision info (set 12-7)	PROF	T0+415s	connection of active DMI channel: Message-S12 with colour code 6 for red	DMI		supervision info display is updated with permitted speed colour red
85-91	Permitted speed is shown with dark grey and speed bar without hook. Target speed is shown with varying colours and speed bar without hook	PROF	T0+420s		DMI		



85	STM updates supervision info (set 13-1)	PROF	T0+420s	connection of active DMI channel: Message-S13 with colour code 0 for white	DMI		supervision info display is shown with speed pointer colour white Permitted speed = 100km/h with colour dark grey and speed bar without hook Target speed = 80km/h with colour white and speed bar without hook Target distance = 1000m with bar without digital
86	STM updates supervision info (set 13-2)	PROF	T0+425s	connection of active DMI channel: Message-S13 with colour code 1 for grey	DMI		supervision info display is updated with target speed colour grey
87	STM updates supervision info (set 13-3)	PROF	T0+430s	connection of active DMI channel: Message-S13 with colour code 2 for medium grey	DMI		supervision info display is updated with target speed colour medium grey
88	STM updates supervision info (set 13-4)	PROF	T0+435s	connection of active DMI channel: Message-S13 with colour code 3 for dark grey	DMI		supervision info display is updated with target speed colour dark grey
89	STM updates supervision info (set 13-5)	PROF	T0+440s	connection of active DMI channel: Message-S13 with colour code 4 for yellow	DMI		supervision info display is updated with target speed colour yellow
90	STM updates supervision info (set 13-6)	PROF	T0+445s	connection of active DMI channel: Message-S13 with colour code 5 for orange	DMI		supervision info display is updated with target speed colour orange
91	STM updates supervision info (set 13-7)	PROF	T0+450s	connection of active DMI channel: Message-S13 with colour code 6 for red	DMI		supervision info display is updated with target speed colour red
92-98	Permitted speed is shown with varying colours and speed bar without hook. Release speed is shown	PROF	T0+455s		DMI		

	with dark grey and bar without digital. Permitted speed > release speed.						
92	STM updates supervision info (set 14-1)	PROF	T0+455s	connection of active DMI channel: Message-S14 with colour code 0 for white	DMI		supervision info display is shown with speed pointer colour white Permitted speed = 100km/h with colour white and speed bar without hook Release speed = 80km/h with colour dark grey and bar without digital
93	STM updates supervision info (set 14-2)	PROF	T0+460s	connection of active DMI channel: Message-S14 with colour code 1 for grey	DMI		supervision info display is updated with permitted speed colour grey
94	STM updates supervision info (set 14-3)	PROF	T0+465s	connection of active DMI channel: Message-S14 with colour code 2 for medium grey	DMI		supervision info display is updated with permitted speed colour medium grey
95	STM updates supervision info (set 14-4)	PROF	T0+470s	connection of active DMI channel: Message-S14 with colour code 3 for dark grey	DMI		supervision info display is updated with permitted speed colour dark grey
96	STM updates supervision info (set 14-5)	PROF	T0+475s	connection of active DMI channel: Message-S14 with colour code 4 for yellow	DMI		supervision info display is updated with permitted speed colour yellow
97	STM updates supervision info (set 14-6)	PROF	T0+480s	connection of active DMI channel: Message-S14 with colour code 5 for orange	DMI		supervision info display is updated with permitted speed colour orange
98	STM updates supervision info (set 14-7)	PROF	T0+485s	connection of active DMI channel: Message-S14 with colour code 6 for red	DMI		supervision info display is updated with permitted speed colour red
99-105	Permitted speed is shown with dark grey and speed bar without hook. Release speed is shown with varying	PROF	T0+490s		DMI		

	colours and bar without digital. Permitted speed < release speed.						
99	STM updates supervision info (set 15-1)	PROF	T0+490s	connection of active DMI channel: Message-S15 with colour code 0 for white	DMI		supervision info display is shown with speed pointer colour white Permitted speed = 80km/h with colour dark grey and speed bar without hook Release speed = 100km/h with colour white and bar without digital
100	STM updates supervision info (set 15-2)	PROF	T0+495s	connection of active DMI channel: Message-S15 with colour code 1 for grey	DMI		supervision info display is updated with release speed colour grey
101	STM updates supervision info (set 15-3)	PROF	T0+500s	connection of active DMI channel: Message-S15 with colour code 2 for medium grey	DMI		supervision info display is updated with release speed colour medium grey
102	STM updates supervision info (set 15-4)	PROF	T0+505s	connection of active DMI channel: Message-S15 with colour code 3 for dark grey	DMI		supervision info display is updated with release speed colour dark grey
103	STM updates supervision info (set 15-5)	PROF	T0+510s	connection of active DMI channel: Message-S15 with colour code 4 for yellow	DMI		supervision info display is updated with release speed colour yellow
104	STM updates supervision info (set 15-6)	PROF	T0+515s	connection of active DMI channel: Message-S15 with colour code 5 for orange	DMI		supervision info display is updated with release speed colour orange
105	STM updates supervision info (set 15-7)	PROF	T0+520s	connection of active DMI channel: Message-S15 with colour code 6 for red	DMI		supervision info display is updated with release speed colour red
106-112	All speeds, but release speed are shown with the same colour - varying from step to step - with speed bar without hook for permitted and target	PROF	T0+525s		DMI		

	speed, and normal bar width for intervention speed						
106	STM updates supervision info (set 16-1)	PROF	T0+525s	connection of active DMI channel: Message-S16 with colour code 0 for white	DMI		supervision info display is shown with speed pointer colour white Permitted speed = 100km/h with colour white and speed bar without hook Target speed = 80km/h with colour white and speed bar without hook Intervention speed = 110km/h with colour white and normal bar width Target distance = 2000m with bar without digital
107	STM updates supervision info (set 16-2)	PROF	T0+530s	connection of active DMI channel: Message-S16 with colour code 1 for grey	DMI		supervision info display is updated with speed pointer colour grey and permitted speed colour grey and target speed colour grey and intervention colour grey
108	STM updates supervision info (set 16-3)	PROF	T0+535s	connection of active DMI channel: Message-S16 with colour code 2 for medium grey	DMI		supervision info display is updated with speed pointer colour medium grey and permitted speed colour medium grey and target speed colour medium grey and intervention colour medium grey
109	STM updates supervision info (set 16-4)	PROF	T0+540s	connection of active DMI channel: Message-S16 with colour code 3 for dark grey	DMI		supervision info display is updated with speed pointer colour dark grey and permitted speed colour dark grey

							and target speed colour dark grey and intervention colour dark grey
110	STM updates supervision info (set 16-5)	PROF	T0+545s	connection of active DMI channel: Message-S16 with colour code 4 for yellow	DMI		supervision info display is updated with speed pointer colour yellow and permitted speed colour yellow and target speed colour yellow and intervention colour yellow
111	STM updates supervision info (set 16-6)	PROF	T0+550s	connection of active DMI channel: Message-S16 with colour code 5 for orange	DMI		supervision info display is updated with speed pointer colour orange and permitted speed colour orange and target speed colour orange and intervention colour orange
112	STM updates supervision info (set 16-7)	PROF	T0+555s	connection of active DMI channel: Message-S16 with colour code 6 for red	DMI		supervision info display is updated with speed pointer colour red and permitted speed colour red and target speed colour red and intervention colour red
113-119	All speeds but target speed are shown with different colours with varying colours and speed bar without hook for permitted, bar without digital for release speed and normal bar width for intervention speed	PROF	T0+560s		DMI		
113	STM updates supervision info (set 17-1)	PROF	T0+560s	connection of active DMI channel: Message-S17-1	DMI		supervision info display is shown with speed pointer colour white Permitted speed = 100km/h with colour grey and speed bar without

							<p>hook</p> <p>Release speed = 40km/h with colour medium grey and bar without digital</p> <p>Intervention speed = 110km/h with colour dark grey and normal bar width</p> <p>Target distance = 2000m with bar without digital</p>
114	STM updates supervision info (set 17-2)	PROF	T0+565s	connection of active DMI channel: Message-S17-2	DMI		<p>supervision info display is shown with speed pointer colour grey</p> <p>Permitted speed = 100km/h with colour medium grey and speed bar without hook</p> <p>Release speed = 40km/h with colour dark grey and bar without digital</p> <p>Intervention speed = 110km/h with colour yellow and normal bar width</p> <p>Target distance = 2000m with bar without digital</p>
115	STM updates supervision info (set 17-3)	PROF	T0+570s	connection of active DMI channel: Message-S17-3	DMI		<p>supervision info display is shown with speed pointer colour medium grey</p> <p>Permitted speed = 100km/h with colour dark grey and speed bar without hook</p> <p>Release speed = 40km/h with colour yellow and bar without digital</p> <p>Intervention speed = 110km/h with colour orange and normal bar width</p> <p>Target distance = 2000m with bar</p>

							without digital
116	STM updates supervision info (set 17-4)	PROF	T0+575s	connection of active DMI channel: Message-S17-4	DMI		<p>supervision info display is shown with speed pointer colour dark grey</p> <p>Permitted speed = 100km/h with colour yellow and speed bar without hook</p> <p>Release speed = 40km/h with colour orange and bar without digital</p> <p>Intervention speed = 110km/h with colour red and normal bar width</p> <p>Target distance = 2000m with bar without digital</p>
117	STM updates supervision info (set 17-5)	PROF	T0+580s	connection of active DMI channel: Message-S17-5	DMI		<p>supervision info display is shown with speed pointer colour yellow</p> <p>Permitted speed = 100km/h with colour orange and speed bar without hook</p> <p>Release speed = 40km/h with colour red and bar without digital</p> <p>Intervention speed = 110km/h with colour white and normal bar width</p> <p>Target distance = 2000m with bar without digital</p>
118	STM updates supervision info (set 17-6)	PROF	T0+585s	connection of active DMI channel: Message-S17-6	DMI		<p>supervision info display is shown with speed pointer colour orange</p> <p>Permitted speed = 100km/h with colour red and speed bar without hook</p> <p>Release speed = 40km/h with colour white and bar without digital</p>

							Intervention speed = 110km/h with colour grey and normal bar width Target distance = 2000m with bar without digital
119	STM updates supervision info (set 17-7)	PROF	T0+590s	connection of active DMI channel: Message-S17-7	DMI		supervision info display is shown with speed pointer colour red Permitted speed = 100km/h with colour white and speed bar without hook Release speed = 40km/h with colour grey and bar without digital Intervention speed = 110km/h with colour medium grey and normal bar width Target distance = 2000m with bar without digital
120-126	Permitted speed is shown with varying colours and speed bar with hook	PROF	T0+595s		DMI		
120	STM updates supervision info (set 18-1)	PROF	T0+595s	connection of active DMI channel: Message-S18 with colour code 0 for white	DMI		supervision info display is shown with speed pointer colour white Permitted speed = 100km/h with colour white and speed bar with hook
121	STM updates supervision info (set 18-2)	PROF	T0+600s	connection of active DMI channel: Message-S18 with colour code 1 for grey	DMI		supervision info display is updated with permitted speed colour grey
122	STM updates supervision info (set 18-3)	PROF	T0+605s	connection of active DMI channel: Message-S18 with colour code 2 for medium grey	DMI		supervision info display is updated with permitted speed colour medium grey

123	STM updates supervision info (set 18-4)	PROF	T0+610s	connection of active DMI channel: Message-S18 with colour code 3 for dark grey	DMI		supervision info display is updated with permitted speed colour dark grey
124	STM updates supervision info (set 18-5)	PROF	T0+615s	connection of active DMI channel: Message-S18 with colour code 4 for yellow	DMI		supervision info display is updated with permitted speed colour yellow
125	STM updates supervision info (set 18-6)	PROF	T0+620s	connection of active DMI channel: Message-S18 with colour code 5 for orange	DMI		supervision info display is updated with permitted speed colour orange
126	STM updates supervision info (set 18-7)	PROF	T0+625s	connection of active DMI channel: Message-S18 with colour code 6 for red	DMI		supervision info display is updated with permitted speed colour red
127-133	Target speed is shown with varying colours and speed bar with hook	PROF	T0+630s		DMI		
127	STM updates supervision info (set 19-1)	PROF	T0+630s	connection of active DMI channel: Message-S19 with colour code 0 for white	DMI		supervision info display is shown with speed pointer colour white Target speed = 100km/h with colour white and speed bar with hook Target distance = 5000m with bar and digital
128	STM updates supervision info (set 19-2)	PROF	T0+635s	connection of active DMI channel: Message-S19 with colour code 1 for grey	DMI		supervision info display is updated with target speed colour grey
129	STM updates supervision info (set 19-3)	PROF	T0+640s	connection of active DMI channel: Message-S19 with colour code 2 for medium grey	DMI		supervision info display is updated with target speed colour medium grey
130	STM updates supervision info (set 19-4)	PROF	T0+645s	connection of active DMI channel: Message-S19 with colour code 3 for dark grey	DMI		supervision info display is updated with target speed colour dark grey
131	STM updates supervision info (set 19-5)	PROF	T0+650s	connection of active DMI channel:	DMI		supervision info display is updated



	5)			Message-S19 with colour code 4 for yellow			with target speed colour yellow
132	STM updates supervision info (set 19-6)	PROF	T0+655s	connection of active DMI channel: Message-S19 with colour code 5 for orange	DMI		supervision info display is updated with target speed colour orange
133	STM updates supervision info (set 19-7)	PROF	T0+660s	connection of active DMI channel: Message-S19 with colour code 6 for red	DMI		supervision info display is updated with target speed colour red
134-140	Release speed is shown with varying colours and bar and digital	PROF	T0+665s		DMI		
134	STM updates supervision info (set 20-1)	PROF	T0+665s	connection of active DMI channel: Message-S20 with colour code 0 for white	DMI		supervision info display is shown with speed pointer colour white Release speed = 100km/h with colour white and bar and digital
135	STM updates supervision info (set 20-2)	PROF	T0+670s	connection of active DMI channel: Message-S20 with colour code 1 for grey	DMI		supervision info display is updated with release speed colour grey
136	STM updates supervision info (set 20-3)	PROF	T0+675s	connection of active DMI channel: Message-S20 with colour code 2 for medium grey	DMI		supervision info display is updated with release speed colour medium grey
137	STM updates supervision info (set 20-4)	PROF	T0+680s	connection of active DMI channel: Message-S20 with colour code 3 for dark grey	DMI		supervision info display is updated with release speed colour dark grey
138	STM updates supervision info (set 20-5)	PROF	T0+685s	connection of active DMI channel: Message-S20 with colour code 4 for yellow	DMI		supervision info display is updated with release speed colour yellow
139	STM updates supervision info (set 20-6)	PROF	T0+690s	connection of active DMI channel: Message-S20 with colour code 5 for orange	DMI		supervision info display is updated with release speed colour orange
140	STM updates supervision info (set 20-	PROF	T0+695s	connection of active DMI channel:	DMI		supervision info display is updated



	7)			Message-S20 with colour code 6 for red			with release speed colour red
141-147	Intervention speed shown with varying colours and wide bar width	PROF	T0+700s		DMI		
141	STM updates supervision info (set 21-1)	PROF	T0+700s	connection of active DMI channel: Message-S21 with colour code 0 for white	DMI		supervision info display is shown with speed pointer colour white Intervention speed = 100km/h with colour white and wide bar width
142	STM updates supervision info (set 21-2)	PROF	T0+705s	connection of active DMI channel: Message-S21 with colour code 1 for grey	DMI		supervision info display is updated with intervention colour grey
143	STM updates supervision info (set 21-3)	PROF	T0+710s	connection of active DMI channel: Message-S21 with colour code 2 for medium grey	DMI		supervision info display is updated with intervention colour medium grey
144	STM updates supervision info (set 21-4)	PROF	T0+715s	connection of active DMI channel: Message-S21 with colour code 3 for dark grey	DMI		supervision info display is updated with intervention colour dark grey
145	STM updates supervision info (set 21-5)	PROF	T0+720s	connection of active DMI channel: Message-S21 with colour code 4 for yellow	DMI		supervision info display is updated with intervention colour yellow
146	STM updates supervision info (set 21-6)	PROF	T0+725s	connection of active DMI channel: Message-S21 with colour code 5 for orange	DMI		supervision info display is updated with intervention colour orange
147	STM updates supervision info (set 21-7)	PROF	T0+730s	connection of active DMI channel: Message-S21 with colour code 6 for red	DMI		supervision info display is updated with intervention colour red
148-154	Permitted speed is shown with varying colours and speed bar with hook. Target speed is shown with dark grey and speed bar with hook	PROF	T0+735s		DMI		



148	STM updates supervision info (set 22-1)	PROF	T0+735s	connection of active DMI channel: Message-S22 with colour code 0 for white	DMI		supervision info display is shown with speed pointer colour white Permitted speed = 100km/h with colour white and speed bar with hook Target speed = 80km/h with colour dark grey and speed bar with hook Target distance = 1000m with bar and digital
149	STM updates supervision info (set 22-2)	PROF	T0+740s	connection of active DMI channel: Message-S22 with colour code 1 for grey	DMI		supervision info display is updated with permitted speed colour grey
150	STM updates supervision info (set 22-3)	PROF	T0+745s	connection of active DMI channel: Message-S22 with colour code 2 for medium grey	DMI		supervision info display is updated with permitted speed colour medium grey
151	STM updates supervision info (set 22-4)	PROF	T0+750s	connection of active DMI channel: Message-S22 with colour code 3 for dark grey	DMI		supervision info display is updated with permitted speed colour dark grey
152	STM updates supervision info (set 22-5)	PROF	T0+755s	connection of active DMI channel: Message-S22 with colour code 4 for yellow	DMI		supervision info display is updated with permitted speed colour yellow
153	STM updates supervision info (set 22-6)	PROF	T0+760s	connection of active DMI channel: Message-S22 with colour code 5 for orange	DMI		supervision info display is updated with permitted speed colour orange
154	STM updates supervision info (set 22-7)	PROF	T0+765s	connection of active DMI channel: Message-S22 with colour code 6 for red	DMI		supervision info display is updated with permitted speed colour red
155-161	Permitted speed is shown with dark grey and speed bar with hook. Target speed is shown with varying colours and speed bar with hook	PROF	T0+770s		DMI		



155	STM updates supervision info (set 23-1)	PROF	T0+770s	connection of active DMI channel: Message-S23 with colour code 0 for white	DMI		supervision info display is shown with speed pointer colour white Permitted speed = 100km/h with colour dark grey and speed bar with hook Target speed = 80km/h with colour white and speed bar with hook Target distance = 1000m with bar and digital
156	STM updates supervision info (set 23-2)	PROF	T0+775s	connection of active DMI channel: Message-S23 with colour code 1 for grey	DMI		supervision info display is updated with target speed colour grey
157	STM updates supervision info (set 23-3)	PROF	T0+780s	connection of active DMI channel: Message-S23 with colour code 2 for medium grey	DMI		supervision info display is updated with target speed colour medium grey
158	STM updates supervision info (set 23-4)	PROF	T0+785s	connection of active DMI channel: Message-S23 with colour code 3 for dark grey	DMI		supervision info display is updated with target speed colour dark grey
159	STM updates supervision info (set 23-5)	PROF	T0+790s	connection of active DMI channel: Message-S23 with colour code 4 for yellow	DMI		supervision info display is updated with target speed colour yellow
160	STM updates supervision info (set 23-6)	PROF	T0+795s	connection of active DMI channel: Message-S23 with colour code 5 for orange	DMI		supervision info display is updated with target speed colour orange
161	STM updates supervision info (set 23-7)	PROF	T0+800s	connection of active DMI channel: Message-S23 with colour code 6 for red	DMI		supervision info display is updated with target speed colour red
162-168	Permitted speed is shown with varying colours and speed bar with hook. Release speed is shown with	PROF	T0+805s		DMI		

	dark grey and bar and digital. Permitted speed > release speed.						
162	STM updates supervision info (set 24-1)	PROF	T0+805s	connection of active DMI channel: Message-S24 with colour code 0 for white	DMI		supervision info display is shown with speed pointer colour white Permitted speed = 100km/h with colour white and speed bar with hook Release speed = 80km/h with colour dark grey and bar and digital
163	STM updates supervision info (set 24-2)	PROF	T0+810s	connection of active DMI channel: Message-S24 with colour code 1 for grey	DMI		supervision info display is updated with permitted speed colour grey
164	STM updates supervision info (set 24-3)	PROF	T0+815s	connection of active DMI channel: Message-S24 with colour code 2 for medium grey	DMI		supervision info display is updated with permitted speed colour medium grey
165	STM updates supervision info (set 24-4)	PROF	T0+820s	connection of active DMI channel: Message-S24 with colour code 3 for dark grey	DMI		supervision info display is updated with permitted speed colour dark grey
166	STM updates supervision info (set 24-5)	PROF	T0+825s	connection of active DMI channel: Message-S24 with colour code 4 for yellow	DMI		supervision info display is updated with permitted speed colour yellow
167	STM updates supervision info (set 24-6)	PROF	T0+830s	connection of active DMI channel: Message-S24 with colour code 5 for orange	DMI		supervision info display is updated with permitted speed colour orange
168	STM updates supervision info (set 24-7)	PROF	T0+835s	connection of active DMI channel: Message-S24 with colour code 6 for red	DMI		supervision info display is updated with permitted speed colour red
169-175	Permitted speed is shown with dark grey and speed bar with hook. Release speed is shown with varying colours and bar and digital. Permitted speed < release speed.	PROF	T0+840s		DMI		



169	STM updates supervision info (set 25-1)	PROF	T0+840s	connection of active DMI channel: Message-S25 with colour code 0 for white	DMI		supervision info display is shown with speed pointer colour white Permitted speed = 80km/h with colour dark grey and speed bar with hook Release speed = 100km/h with colour white and bar and digital
170	STM updates supervision info (set 25-2)	PROF	T0+845s	connection of active DMI channel: Message-S25 with colour code 1 for grey	DMI		supervision info display is updated with release speed colour grey
171	STM updates supervision info (set 25-3)	PROF	T0+850s	connection of active DMI channel: Message-S25 with colour code 2 for medium grey	DMI		supervision info display is updated with release speed colour medium grey
172	STM updates supervision info (set 25-4)	PROF	T0+855s	connection of active DMI channel: Message-S25 with colour code 3 for dark grey	DMI		supervision info display is updated with release speed colour dark grey
173	STM updates supervision info (set 25-5)	PROF	T0+860s	connection of active DMI channel: Message-S25 with colour code 4 for yellow	DMI		supervision info display is updated with release speed colour yellow
174	STM updates supervision info (set 25-6)	PROF	T0+865s	connection of active DMI channel: Message-S25 with colour code 5 for orange	DMI		supervision info display is updated with release speed colour orange
175	STM updates supervision info (set 25-7)	PROF	T0+870s	connection of active DMI channel: Message-S25 with colour code 6 for red	DMI		supervision info display is updated with release speed colour red
176-182	All speeds, but release speed are shown with the same colour - varying from step to step - with speed bar with hook for permitted and target speed, and wide bar width for intervention speed	PROF	T0+875s		DMI		

176	STM updates supervision info (set 26-1)	PROF	T0+875s	connection of active DMI channel: Message-S26 with colour code 0 for white	DMI		supervision info display is shown with speed pointer colour white Permitted speed = 100km/h with colour white and speed bar with hook Target speed = 80km/h with colour white and speed bar with hook Intervention speed = 110km/h with colour white and wide bar width Target distance = 2000m with bar and digital
177	STM updates supervision info (set 26-2)	PROF	T0+880s	connection of active DMI channel: Message-S26 with colour code 1 for grey	DMI		supervision info display is updated with speed pointer colour grey and permitted speed colour grey and target speed colour grey and intervention colour grey
178	STM updates supervision info (set 26-3)	PROF	T0+885s	connection of active DMI channel: Message-S26 with colour code 2 for medium grey	DMI		supervision info display is updated with speed pointer colour medium grey and permitted speed colour medium grey and target speed colour medium grey and intervention colour medium grey
179	STM updates supervision info (set 26-4)	PROF	T0+890s	connection of active DMI channel: Message-S26 with colour code 3 for dark grey	DMI		supervision info display is updated with speed pointer colour dark grey and permitted speed colour dark grey and target speed colour dark grey and intervention colour dark grey

180	STM updates supervision info (set 26-5)	PROF	T0+895s	connection of active DMI channel: Message-S26 with colour code 4 for yellow	DMI		supervision info display is updated with speed pointer colour yellow and permitted speed colour yellow and target speed colour yellow and intervention colour yellow
181	STM updates supervision info (set 26-6)	PROF	T0+900s	connection of active DMI channel: Message-S26 with colour code 5 for orange	DMI		supervision info display is updated with speed pointer colour orange and permitted speed colour orange and target speed colour orange and intervention colour orange
182	STM updates supervision info (set 26-7)	PROF	T0+905s	connection of active DMI channel: Message-S26 with colour code 6 for red	DMI		supervision info display is updated with speed pointer colour red and permitted speed colour red and target speed colour red and intervention colour red
183-189	All speeds but target speed are shown with different colours with varying colours and speed bar with hook for permitted, bar and digital for release speed and wide bar width for intervention speed	PROF	T0+910s		DMI		
183	STM updates supervision info (set 27-1)	PROF	T0+910s	connection of active DMI channel: Message-S27-1	DMI		supervision info display is shown with speed pointer colour white Permitted speed = 100km/h with colour grey and speed bar with hook Release speed = 40km/h with colour medium grey and bar and digital

							Intervention speed = 110km/h with colour dark grey and wide bar width Target distance = 2000m with bar and digital
184	STM updates supervision info (set 27-2)	PROF	T0+915s	connection of active DMI channel: Message-S27-2	DMI		supervision info display is shown with speed pointer colour grey Permitted speed = 100km/h with colour medium grey and speed bar with hook Release speed = 40km/h with colour dark grey and bar and digital Intervention speed = 110km/h with colour yellow and wide bar width Target distance = 2000m with bar and digital
185	STM updates supervision info (set 27-3)	PROF	T0+920s	connection of active DMI channel: Message-S27-3	DMI		supervision info display is shown with speed pointer colour medium grey Permitted speed = 100km/h with colour dark grey and speed bar with hook Release speed = 40km/h with colour yellow and bar and digital Intervention speed = 110km/h with colour orange and wide bar width Target distance = 2000m with bar and digital
186	STM updates supervision info (set 27-4)	PROF	T0+925s	connection of active DMI channel: Message-S27-4	DMI		supervision info display is shown with speed pointer colour dark grey

							<p>Permitted speed = 100km/h with colour yellow and speed bar with hook</p> <p>Release speed = 40km/h with colour orange and bar and digital</p> <p>Intervention speed = 110km/h with colour red and wide bar width</p> <p>Target distance = 2000m with bar and digital</p>
187	STM updates supervision info (set 27-5)	PROF	T0+930s	connection of active DMI channel: Message-S27-5	DMI		<p>supervision info display is shown with speed pointer colour yellow</p> <p>Permitted speed = 100km/h with colour orange and speed bar with hook</p> <p>Release speed = 40km/h with colour red and bar and digital</p> <p>Intervention speed = 110km/h with colour white and wide bar width</p> <p>Target distance = 2000m with bar and digital</p>
188	STM updates supervision info (set 27-6)	PROF	T0+935s	connection of active DMI channel: Message-S27-6	DMI		<p>supervision info display is shown with speed pointer colour orange</p> <p>Permitted speed = 100km/h with colour red and speed bar with hook</p> <p>Release speed = 40km/h with colour white and bar and digital</p> <p>Intervention speed = 110km/h with colour grey and wide bar width</p> <p>Target distance = 2000m with bar and</p>



							digital
189	STM updates supervision info (set 27-7)	PROF	T0+940s	connection of active DMI channel: Message-S27-7	DMI		<p>supervision info display is shown with speed pointer colour red</p> <p>Permitted speed = 100km/h with colour white and speed bar with hook</p> <p>Release speed = 40km/h with colour grey and bar and digital</p> <p>Intervention speed = 110km/h with colour medium grey and wide bar width</p> <p>Target distance = 2000m with bar and digital</p>

Message-S1 with colour code <C>: STM updates supervision info (set 1-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
NID_PACKET	8	15	State report from STM (STM-15)
L_PACKET	13	25	Packet Length
NID_STMSTATE	4	7	State DA
NID_PACKET	8	43	Supervision Information from STM (STM-43)
L_PACKET	13	100	Packet Length
Q_SCALE	2	1	1m scale
V_PERMIT	10	0	0km/h
V_TARGET	7	0	0km/h
V_RELEASE	10	0	0km/h



V_INTERV	10	0	0km/h
D_TARGET	15	0	0m
M_COLOUR_SP	3	<C>	Colour code
M_COLOUR_PS	3	0	White
Q_DISPLAY_PS	2	00b	No display
M_COLOUR_TS	3	0	White
Q_DISPLAY_TS	2	00b	No display
M_COLOUR_RS	3	0	White
Q_DISPLAY_RS	2	00b	No display
M_COLOUR_IS	3	0	White
Q_DISPLAY_IS	2	00b	No display
Q_DISPLAY_TD	2	00b	No display
Padding bits	3	000b	

Message-S2 with colour code <C>: STM updates supervision info (set 2-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=0, VI=0, DT=0			
MS=0(White), MP=<C>, QP=01b(Hook only), MT=0(White), QT=00b(No display),			
MR=0(White), QR=00b(No display), MI=0(White), QI=00b(No display), QD=00b(No display),			



Message-S3 with colour code <C>: STM updates supervision info (set 3-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=2, VP=0, VT=20, VR=0, VI=0, DT=500 MS=0(White), MP=0(White), QP=00b(No display), MT=<C>, QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=0(White), QI=00b(No display), QD=01b(Digital only),			

Message-S4 with colour code <C>: STM updates supervision info (set 4-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=16, VR=0, VI=0, DT=1000 MS=0(White), MP=<C>, QP=01b(Hook only), MT=3(Dark grey), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=0(White), QI=00b(No display), QD=01b(Digital only),			

Message-S5 with colour code <C>: STM updates supervision info (set 5-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=16, VR=0, VI=0, DT=1000			



MS=0(White), MP=3(Dark grey), QP=01b(Hook only), MT=<C>, QT=01b(Hook only),
MR=0(White), QR=00b(No display), MI=0(White), QI=00b(No display), QD=01b(Digital only),

Message-S6 with colour code <C>: STM updates supervision info (set 6-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=0, VP=100, VT=16, VR=0, VI=110, DT=20000			
MS=<C>, MP=<C>, QP=01b(Hook only), MT=<C>, QT=01b(Hook only),			
MR=0(White), QR=00b(No display), MI=<C>, QI=10b(wide bar width), QD=01b(Digital only),			

Message-S7-1: STM updates supervision info (set 7-1)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=40, VI=110, DT=2000			
MS=0(White), MP=1(Grey), QP=01b(Hook only), MT=0(White), QT=00b(No display),			
MR=2(Medium grey), QR=01b(Digital only), MI=3(Dark grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S7-2: STM updates supervision info (set 7-2)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM



L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=40, VI=110, DT=2000			
MS=1(Grey), MP=2(Medium grey), QP=01b(Hook only), MT=0(White), QT=00b(No display),			
MR=3(Dark grey), QR=01b(Digital only), MI=4(Yellow), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S7-3: STM updates supervision info (set 7-3)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=40, VI=110, DT=2000			
MS=2(Medium grey), MP=3(Dark grey), QP=01b(Hook only), MT=0(White), QT=00b(No display),			
MR=4(Yellow), QR=01b(Digital only), MI=5(Orange), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S7-4: STM updates supervision info (set 7-4)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=40, VI=110, DT=2000			
MS=3(Dark grey), MP=4(Yellow), QP=01b(Hook only), MT=0(White), QT=00b(No display),			
MR=5(Orange), QR=01b(Digital only), MI=6(Red), QI=10b(wide bar width), QD=01b(Digital only),			



Message-S7-5: STM updates supervision info (set 7-5)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=40, VI=110, DT=2000 MS=4(Yellow), MP=5(Orange), QP=01b(Hook only), MT=0(White), QT=00b(No display), MR=6(Red), QR=01b(Digital only), MI=0(White), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S7-6: STM updates supervision info (set 7-6)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=40, VI=110, DT=2000 MS=5(Orange), MP=6(Red), QP=01b(Hook only), MT=0(White), QT=00b(No display), MR=0(White), QR=01b(Digital only), MI=1(Grey), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S7-7: STM updates supervision info (set 7-7)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=40, VI=110, DT=2000			



MS=6(Red), MP=0(White), QP=01b(Hook only), MT=0(White), QT=00b(No display),
MR=1(Grey), QR=01b(Digital only), MI=2(Medium grey), QI=10b(wide bar width), QD=01b(Digital only),

Message-S8 with colour code <C>: STM updates supervision info (set 8-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=0, VI=0, DT=0 MS=0(White), MP=<C>, QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=0(White), QI=00b(No display), QD=00b(No display),			

Message-S9 with colour code <C>: STM updates supervision info (set 9-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=2, VP=0, VT=20, VR=0, VI=0, DT=500 MS=0(White), MP=0(White), QP=00b(No display), MT=<C>, QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=0(White), QI=00b(No display), QD=10b(Bar without digital),			

Message-S10 with colour code <C>: STM updates supervision info (set 10-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM



L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=0, VT=0, VR=100, VI=0, DT=0			
MS=0(White), MP=0(White), QP=00b(No display), MT=0(White), QT=00b(No display),			
MR=<C>, QR=10b(Bar without digital), MI=0(White), QI=00b(No display), QD=00b(No display),			

Message-S11 with colour code <C>: STM updates supervision info (set 11-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=0, VT=0, VR=0, VI=100, DT=0			
MS=0(White), MP=0(White), QP=00b(No display), MT=0(White), QT=00b(No display),			
MR=0(White), QR=00b(No display), MI=<C>, QI=01b(Normal bar width), QD=00b(No display),			

Message-S12 with colour code <C>: STM updates supervision info (set 12-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=16, VR=0, VI=0, DT=1000			
MS=0(White), MP=<C>, QP=10b(Speed bar without hook), MT=3(Dark grey), QT=10b(Speed bar without hook),			
MR=0(White), QR=00b(No display), MI=0(White), QI=00b(No display), QD=10b(Bar without digital),			



Message-S13 with colour code <C>: STM updates supervision info (set 13-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=16, VR=0, VI=0, DT=1000 MS=0(White), MP=3(Dark grey), QP=10b(Speed bar without hook), MT=<C>, QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=0(White), QI=00b(No display), QD=10b(Bar without digital),			

Message-S14 with colour code <C>: STM updates supervision info (set 14-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=80, VI=0, DT=0 MS=0(White), MP=<C>, QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display), MR=3(Dark grey), QR=10b(Bar without digital), MI=0(White), QI=00b(No display), QD=00b(No display),			

Message-S15 with colour code <C>: STM updates supervision info (set 15-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=80, VT=0, VR=100, VI=0, DT=0			



MS=0(White), MP=3(Dark grey), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display),
MR=<C>, QR=10b(Bar without digital), MI=0(White), QI=00b(No display), QD=00b(No display),

Message-S16 with colour code <C>: STM updates supervision info (set 16-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=0, VP=100, VT=16, VR=0, VI=110, DT=20000			
MS=<C>, MP=<C>, QP=10b(Speed bar without hook), MT=<C>, QT=10b(Speed bar without hook),			
MR=0(White), QR=00b(No display), MI=<C>, QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S17-1: STM updates supervision info (set 17-1)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=40, VI=110, DT=2000			
MS=0(White), MP=1(Grey), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display),			
MR=2(Medium grey), QR=10b(Bar without digital), MI=3(Dark grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S17-2: STM updates supervision info (set 17-2)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM



L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=40, VI=110, DT=2000			
MS=1(Grey), MP=2(Medium grey), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display),			
MR=3(Dark grey), QR=10b(Bar without digital), MI=4(Yellow), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S17-3: STM updates supervision info (set 17-3)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=40, VI=110, DT=2000			
MS=2(Medium grey), MP=3(Dark grey), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display),			
MR=4(Yellow), QR=10b(Bar without digital), MI=5(Orange), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S17-4: STM updates supervision info (set 17-4)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=40, VI=110, DT=2000			
MS=3(Dark grey), MP=4(Yellow), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display),			
MR=5(Orange), QR=10b(Bar without digital), MI=6(Red), QI=01b(Normal bar width), QD=10b(Bar without digital),			



Message-S17-5: STM updates supervision info (set 17-5)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=40, VI=110, DT=2000 MS=4(Yellow), MP=5(Orange), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display), MR=6(Red), QR=10b(Bar without digital), MI=0(White), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S17-6: STM updates supervision info (set 17-6)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=40, VI=110, DT=2000 MS=5(Orange), MP=6(Red), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display), MR=0(White), QR=10b(Bar without digital), MI=1(Grey), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S17-7: STM updates supervision info (set 17-7)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=40, VI=110, DT=2000			



MS=6(Red), MP=0(White), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display),
MR=1(Grey), QR=10b(Bar without digital), MI=2(Medium grey), QI=01b(Normal bar width), QD=10b(Bar without digital),

Message-S18 with colour code <C>: STM updates supervision info (set 18-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=0, VI=0, DT=0			
MS=0(White), MP=<C>, QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display),			
MR=0(White), QR=00b(No display), MI=0(White), QI=00b(No display), QD=00b(No display),			

Message-S19 with colour code <C>: STM updates supervision info (set 19-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=2, VP=0, VT=20, VR=0, VI=0, DT=500			
MS=0(White), MP=0(White), QP=00b(No display), MT=<C>, QT=11b(Speed bar with hook),			
MR=0(White), QR=00b(No display), MI=0(White), QI=00b(No display), QD=11b(Bar and digital),			

Message-S20 with colour code <C>: STM updates supervision info (set 20-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM



L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=0, VT=0, VR=100, VI=0, DT=0 MS=0(White), MP=0(White), QP=00b(No display), MT=0(White), QT=00b(No display), MR=<C>, QR=11b(Bar and digital), MI=0(White), QI=00b(No display), QD=00b(No display),			

Message-S21 with colour code <C>: STM updates supervision info (set 21-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=0, VT=0, VR=0, VI=100, DT=0 MS=0(White), MP=0(White), QP=00b(No display), MT=0(White), QT=00b(No display), MR=0(White), QR=00b(No display), MI=<C>, QI=10b(wide bar width), QD=00b(No display),			

Message-S22 with colour code <C>: STM updates supervision info (set 22-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=16, VR=0, VI=0, DT=1000 MS=0(White), MP=<C>, QP=11b(Speed bar with hook), MT=3(Dark grey), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=0(White), QI=00b(No display), QD=11b(Bar and digital),			



Message-S23 with colour code <C>: STM updates supervision info (set 23-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=16, VR=0, VI=0, DT=1000 MS=0(White), MP=3(Dark grey), QP=11b(Speed bar with hook), MT=<C>, QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=0(White), QI=00b(No display), QD=11b(Bar and digital),			

Message-S24 with colour code <C>: STM updates supervision info (set 24-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=80, VI=0, DT=0 MS=0(White), MP=<C>, QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=3(Dark grey), QR=11b(Bar and digital), MI=0(White), QI=00b(No display), QD=00b(No display),			

Message-S25 with colour code <C>: STM updates supervision info (set 25-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=80, VT=0, VR=100, VI=0, DT=0			



MS=0(White), MP=3(Dark grey), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display),
MR=<C>, QR=11b(Bar and digital), MI=0(White), QI=00b(No display), QD=00b(No display),

Message-S26 with colour code <C>: STM updates supervision info (set 26-i)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=0, VP=100, VT=16, VR=0, VI=110, DT=20000			
MS=<C>, MP=<C>, QP=11b(Speed bar with hook), MT=<C>, QT=11b(Speed bar with hook),			
MR=0(White), QR=00b(No display), MI=<C>, QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S27-1: STM updates supervision info (set 27-1)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=40, VI=110, DT=2000			
MS=0(White), MP=1(Grey), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display),			
MR=2(Medium grey), QR=11b(Bar and digital), MI=3(Dark grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S27-2: STM updates supervision info (set 27-2)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM



L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=40, VI=110, DT=2000 MS=1(Grey), MP=2(Medium grey), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=3(Dark grey), QR=11b(Bar and digital), MI=4(Yellow), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S27-3: STM updates supervision info (set 27-3)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=40, VI=110, DT=2000 MS=2(Medium grey), MP=3(Dark grey), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=4(Yellow), QR=11b(Bar and digital), MI=5(Orange), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S27-4: STM updates supervision info (set 27-4)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=40, VI=110, DT=2000 MS=3(Dark grey), MP=4(Yellow), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=5(Orange), QR=11b(Bar and digital), MI=6(Red), QI=10b(wide bar width), QD=11b(Bar and digital),			



Message-S27-5: STM updates supervision info (set 27-5)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=40, VI=110, DT=2000 MS=4(Yellow), MP=5(Orange), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=6(Red), QR=11b(Bar and digital), MI=0(White), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S27-6: STM updates supervision info (set 27-6)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=40, VI=110, DT=2000 MS=5(Orange), MP=6(Red), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=0(White), QR=11b(Bar and digital), MI=1(Grey), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S27-7: STM updates supervision info (set 27-7)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=40, VI=110, DT=2000			



MS=6(Red), MP=0(White), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display),
MR=1(Grey), QR=11b(Bar and digital), MI=2(Medium grey), QI=10b(wide bar width), QD=11b(Bar and digital),

End Conditions	Value	Comments
STM State	unchanged	
ETCS Mode	unchanged	
ETCS Level	unchanged	
Train State	unchanged	
ETCS Train Data	not relevant	
Active DMI channel Connection	unchanged	
Other DMI channels Connections	not relevant	
TIU Connection	not relevant	
BIU Connection	not relevant	
JD Connection	not relevant	
TIU Regenerative Brake Command	not relevant	
TIU Magnetic Shoes Brake Command	not relevant	
TIU Eddy Current Brake Command for Emergency Brake	not relevant	
TIU Eddy Current Brake Command for Service Brake	not relevant	
TIU Pantograph Command	not relevant	
TIU Air Tightness Command	not relevant	
TIU Main Switch / Circuit Breaker Command	not relevant	
TIU Traction Cut Off Command	not relevant	



TIU Traction Status	unchanged	
TIU Direction Controller Position Status	not relevant	
TIU Cab Status	unchanged	
BIU Emergency Brake Command	unchanged	
BIU Service Brake Command	unchanged	
BIU Emergency Brake Status	not relevant	
BIU Service Brake Status	not relevant	
NTC isolation status	unchanged	

2.6.9 Test Case 7f.9

TEST CASE HEADER	
Test case identification	DMI Function
	7f1.0.(2-3).X.Y.0.0.(7f2.0.1.(7f3.0.2.2.2.0).0.(7f4.0.2.2.5.1.0).1.1.0).(7f2.0.1.(7f3.0.2.2.2.0).0.(7f4.0.2.2.5.3.7.0).1.1.0). (7f2.0.1.(7f3.0.2.2.2.0).0.(7f4.0.4.2.5.3.7.0).1.1.0).(7f2.0.1.(7f3.0.2.2.2.0).0.(7f4.0.4.2.5.1.0).1.1.0). (7f2.0.1.(7f3.0.2.2.2.0).0.(7f4.0.4.2.5.3.7.0).1.2.0).(7f2.0.1.(7f3.0.2.2.2.0).0.(7f4.0.4.2.5.3.7.0).1.2.0). (7f2.0.1.(7f3.0.2.1.2.3.0).0.(7f4.0.1.2.5.1.0).1.1.0).(7f2.0.1.(7f3.0.2.1.2.3.0).0.(7f4.0.1.2.5.3.7.0).1.1.0). (7f2.0.1.(7f3.0.2.1.2.3.0).0.(7f4.0.1.2.5.3.7.0).1.1.0).(7f2.0.1.(7f3.0.2.1.2.3.0).0.(7f4.0.1.2.5.1.0).1.1.0). (7f2.0.1.(7f3.0.2.1.2.3.0).0.(7f4.0.1.2.5.3.7.0).1.2.0).(7f2.0.1.(7f3.0.2.1.2.3.0).0.(7f4.0.1.2.5.3.7.0).1.2.0). (7f2.0.1.(7f3.0.3.3.2.0).0.(7f4.0.2.3.5.1.0).3.1.0).(7f2.0.1.(7f3.0.3.3.2.0).0.(7f4.0.2.3.5.2.7.0).3.1.0). (7f2.0.1.(7f3.0.3.3.2.0).0.(7f4.0.4.3.5.2.7.0).3.1.0).(7f2.0.1.(7f3.0.3.3.2.0).0.(7f4.0.4.3.5.1.0).3.1.0). (7f2.0.1.(7f3.0.3.3.2.0).0.(7f4.0.4.3.5.2.7.0).3.2.0).(7f2.0.1.(7f3.0.3.3.2.0).0.(7f4.0.4.3.5.2.7.0).3.2.0). (7f2.0.1.(7f3.0.3.1.3.3.0).0.(7f4.0.1.3.5.1.0).4.1.0).(7f2.0.1.(7f3.0.3.1.3.3.0).0.(7f4.0.1.3.5.2.7.0).4.1.0). (7f2.0.1.(7f3.0.3.1.3.3.0).0.(7f4.0.1.3.5.2.7.0).4.1.0).(7f2.0.1.(7f3.0.3.1.3.3.0).0.(7f4.0.1.3.5.1.0).5.1.0).

	<p>(7f2.0.1.(7f3.0.3.1.3.3.0).0.(7f4.0.1.3.5.2.7.0).5.2.0).(7f2.0.1.(7f3.0.3.1.3.3.0).0.(7f4.0.1.3.5.2.7.0).5.2.0).</p> <p>(7f2.0.1.(7f3.0.4.4.2.0).0.(7f4.0.2.4.5.1.0).3.1.0).(7f2.0.1.(7f3.0.4.4.2.0).0.(7f4.0.2.4.5.3.7.0).3.1.0).</p> <p>(7f2.0.1.(7f3.0.4.4.2.0).0.(7f4.0.4.4.5.3.7.0).3.1.0).(7f2.0.1.(7f3.0.4.4.2.0).0.(7f4.0.4.4.5.1.0).3.1.0).</p> <p>(7f2.0.1.(7f3.0.4.4.2.0).0.(7f4.0.4.4.5.3.7.0).3.2.0).(7f2.0.1.(7f3.0.4.4.2.0).0.(7f4.0.4.4.5.3.7.0).3.2.0).</p> <p>(7f2.0.1.(7f3.0.4.1.4.3.0).0.(7f4.0.1.4.5.1.0).4.1.0).(7f2.0.1.(7f3.0.4.1.4.3.0).0.(7f4.0.1.4.5.3.7.0).4.1.0).</p> <p>(7f2.0.1.(7f3.0.4.1.4.3.0).0.(7f4.0.1.4.5.3.7.0).4.1.0).(7f2.0.1.(7f3.0.4.1.4.3.0).0.(7f4.0.1.4.5.1.0).5.1.0).</p> <p>(7f2.0.1.(7f3.0.4.1.4.3.0).0.(7f4.0.1.4.5.3.7.0).5.2.0).(7f2.0.1.(7f3.0.4.1.4.3.0).0.(7f4.0.1.4.5.3.7.0).5.2.0).</p> <p>X=3 for unified DMI,</p> <p>X = 2.1 for 140km/h STM speed dial range,</p> <p>X = 2.2 for 180km/h STM speed dial range,</p> <p>X = 2.3 for 250km/h STM speed dial range,</p> <p>X = 2.4 for 400km/h STM speed dial range,</p> <p>X = 2.5 for STM speed dial range same as ETCS speed dial range,</p> <p>Y=1,2,3 or 4 depending on configured ETCS speed dial range.</p> <p>Test for display of speed and distance supervision information with different speed relations:</p> <p>Supervision info is shown for target/release speed smaller or higher than permitted/intervention speed with different display modes.</p>
ERTMS/ETCS on-board requirements tested	<p>SUBSET-035 13.4.6.4</p> <p>ERA ERTMS 015560 (DMI Spec) 9.3.7.1, 9.3.7.1.1, 9.3.7.1.2, 9.3.7.1.3, 9.3.7.1.4, 9.3.7.1.5 a),b),c), 9.3.7.1.6, 9.3.7.1.7, 9.3.7.1.8, 9.3.7.1.8 a)-j), 9.3.7.1.9, 9.5.2.4</p>
STM requirements tested	
Packets transmitted via FFFIS STM	STM-15, STM-43
ERTMS/ETCS on-board configuration	Unified DMI service or customisable DMI service for configuration 7a.3, 7a.4, 7a.5, 7a.6, 7a.7, 7a.9 (one configuration shall be chosen)



Comments and constraints	
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Starting Conditions	Value	Comments
STM State	DA	
ETCS Mode	SN	
ETCS Level	NTC	
Train State	moving	speed about 80 km/h
ETCS Train Data	not relevant	
Active DMI channel Connection	Established	
Other DMI channels Connections	not relevant	
TIU Connection	not relevant	
BIU Connection	not relevant	
JD Connection	not relevant	
TIU Regenerative Brake Command	not relevant	
TIU Magnetic Shoes Brake Command	not relevant	
TIU Eddy Current Brake Command for Emergency Brake	not relevant	
TIU Eddy Current Brake Command for Service Brake	not relevant	
TIU Pantograph Command	not relevant	
TIU Air Tightness Command	not relevant	
TIU Main Switch / Circuit Breaker Command	not relevant	
TIU Traction Cut Off Command	not relevant	
TIU Traction Status	On	



TIU Direction Controller Position Status	not relevant	
TIU Cab Status	Cab A or B active	For the test it is not relevant, what cab is active
BIU Emergency Brake Command	Release	
BIU Service Brake Command	Release	
BIU Emergency Brake Status	not relevant	
BIU Service Brake Status	not relevant	
NTC isolation status	Not isolated for active STM. Not relevant for other STMs	

ERTMS/ETCS on-board Test Case

Step	Description/Comments	Input I/F	Input time	Input Action	Output I/F	Output time limit	Output action
1	Sample 1 TS < PS with hook only	PROF	T0	connection of active DMI channel: Message-S1	DMI		Supervision info display is shown with Permitted speed = 100km/h with hook only Target speed = 30km/h with hook only Target distance = 5000m with digital only
2	Sample 2 TS < PS < IS with hook only	PROF	T0+5s	connection of active DMI channel: Message-S2	DMI		Supervision info display is shown with Permitted speed = 100km/h with hook only Target speed = 30km/h with hook only



							Intervention speed from 100km/h to 110km/h with wide bar width Target distance = 5000m with digital only
3	Sample 3 TS = PS < IS with hook only	PROF	T0+10s	connection of active DMI channel: Message-S3	DMI		Supervision info display is shown with Permitted speed = 100km/h with hook only Intervention speed from 100km/h to 110km/h with wide bar width Target distance = 5000m with digital only
4	Sample 4 PS < TS with hook only	PROF	T0+15s	connection of active DMI channel: Message-S4	DMI		Supervision info display is shown with Permitted speed = 30km/h with hook only Target speed = 100km/h with hook only Target distance = 5000m with digital only
5	Sample 5 PS < TS < IS with hook only	PROF	T0+20s	connection of active DMI channel: Message-S5	DMI		Supervision info display is shown with Permitted speed = 30km/h with hook only Target speed = 100km/h with hook only Intervention speed from 30km/h to 110km/h with wide bar width Target distance = 5000m with digital only

							only
6	Sample 6 PS < IS < TS with hook only	PROF	T0+25s	connection of active DMI channel: Message-S6	DMI		Supervision info display is shown with Permitted speed = 30km/h with hook only Target speed = 100km/h with hook only Intervention speed from 30km/h to 50km/h with wide bar width Target distance = 5000m with digital only
7	Sample 7 RS < PS with hook only	PROF	T0+30s	connection of active DMI channel: Message-S7	DMI		Supervision info display is shown with Permitted speed = 100km/h with hook only Release speed =30km/h with digital only Target distance = 5000m with digital only
8	Sample 8 RS < PS < IS with hook only	PROF	T0+35s	connection of active DMI channel: Message-S8	DMI		Supervision info display is shown with Permitted speed = 100km/h with hook only Intervention speed from 100km/h to 110km/h with wide bar width Release speed =30km/h with digital only Target distance = 5000m with digital only

9	Sample 9 RS = PS < IS with hook only	PROF	T0+40s	connection of active DMI channel: Message-S9	DMI		Supervision info display is shown with Intervention speed from 100km/h to 110km/h with wide bar width Release speed =100km/h with digital only Target distance = 5000m with digital only
10	Sample 10 PS < RS with hook only	PROF	T0+45s	connection of active DMI channel: Message-S10	DMI		Supervision info display is shown with Permitted speed = 30km/h with hook only Release speed =100km/h with digital only Target distance = 5000m with digital only
11	Sample 11 PS < RS < IS with hook only	PROF	T0+50s	connection of active DMI channel: Message-S11	DMI		Supervision info display is shown with Permitted speed = 30km/h with hook only Intervention speed from 30km/h to 110km/h with wide bar width Release speed =100km/h with digital only Target distance = 5000m with digital only
12	Sample 12 PS < IS < RS with hook only	PROF	T0+55s	connection of active DMI channel: Message-S12	DMI		Supervision info display is shown with Permitted speed = 30km/h with hook

						only Intervention speed from 30km/h to 50km/h with wide bar width Release speed = 100km/h with digital only Target distance = 5000m with digital only
13	Sample 13 TS < PS with speed bar without hook	PROF	T0+60s	connection of active DMI channel: Message-S13	DMI	Supervision info display is shown with Permitted speed from 30km/h to 100km/h with speed bar without hook Target speed from 0km/h to 30km/h with speed bar without hook Target distance = 5000m with bar without digital
14	Sample 14 TS < PS < IS with speed bar without hook	PROF	T0+65s	connection of active DMI channel: Message-S14	DMI	Supervision info display is shown with Permitted speed from 30km/h to 100km/h with speed bar without hook Target speed from 0km/h to 30km/h with speed bar without hook Intervention speed from 100km/h to 110km/h with normal bar width Target distance = 5000m with bar without digital
15	Sample 15 TS = PS < IS with speed bar without hook	PROF	T0+70s	connection of active DMI channel: Message-S15	DMI	Supervision info display is shown with

							<p>Permitted speed from 0km/h to 100km/h with speed bar without hook</p> <p>Intervention speed from 100km/h to 110km/h with normal bar width</p> <p>Target distance = 5000m with bar without digital</p>
16	Sample 16 PS < TS with speed bar without hook	PROF	T0+75s	connection of active DMI channel: Message-S16	DMI		<p>Supervision info display is shown with</p> <p>Permitted speed from 0km/h to 30km/h with speed bar without hook</p> <p>Target speed from 30km/h to 100km/h with speed bar without hook</p> <p>Target distance = 5000m with bar without digital</p>
17	Sample 17 PS < TS < IS with speed bar without hook	PROF	T0+80s	connection of active DMI channel: Message-S17	DMI		<p>Supervision info display is shown with</p> <p>Permitted speed from 0km/h to 30km/h with speed bar without hook</p> <p>Target speed from 30km/h to 100km/h with speed bar without hook</p> <p>Intervention speed from 100km/h to 110km/h with normal bar width</p> <p>Target distance = 5000m with bar without digital</p>
18	Sample 18 PS < IS < TS with speed bar without hook	PROF	T0+85s	connection of active DMI channel: Message-S18	DMI		<p>Supervision info display is shown with</p>

							<p>Permitted speed from 0km/h to 30km/h with speed bar without hook</p> <p>Target speed from 30km/h to 100km/h with speed bar without hook</p> <p>Target distance = 5000m with bar without digital</p>
19	Sample 19 RS < PS with speed bar without hook	PROF	T0+90s	connection of active DMI channel: Message-S19	DMI		<p>Supervision info display is shown with</p> <p>Permitted speed from 0km/h to 100km/h with speed bar without hook</p> <p>Release speed from 0km/h to 30km/h with bar without digital</p> <p>Target distance = 5000m with bar without digital</p>
20	Sample 20 RS < PS < IS with speed bar without hook	PROF	T0+95s	connection of active DMI channel: Message-S20	DMI		<p>Supervision info display is shown with</p> <p>Permitted speed from 0km/h to 100km/h with speed bar without hook</p> <p>Intervention speed from 100km/h to 110km/h with normal bar width</p> <p>Release speed from 0km/h to 30km/h with bar without digital</p> <p>Target distance = 5000m with bar without digital</p>
21	Sample 21 RS = PS < IS with speed bar without hook	PROF	T0+100s	connection of active DMI channel: Message-S21	DMI		<p>Supervision info display is shown with</p>

							<p>Permitted speed from 0km/h to 100km/h with speed bar without hook</p> <p>Intervention speed from 100km/h to 110km/h with normal bar width</p> <p>Release speed from 0km/h to 100km/h with bar without digital</p> <p>Target distance = 5000m with bar without digital</p>
22	Sample 22 PS < RS with speed bar without hook	PROF	T0+105s	connection of active DMI channel: Message-S22	DMI		<p>Supervision info display is shown with</p> <p>Permitted speed from 0km/h to 30km/h with speed bar without hook</p> <p>Release speed from 0km/h to 100km/h with bar without digital</p> <p>Target distance = 5000m with bar without digital</p>
23	Sample 23 PS < RS < IS with speed bar without hook	PROF	T0+110s	connection of active DMI channel: Message-S23	DMI		<p>Supervision info display is shown with</p> <p>Permitted speed from 0km/h to 30km/h with speed bar without hook</p> <p>Intervention speed from 100km/h to 110km/h with normal bar width</p> <p>Release speed from 0km/h to 100km/h with bar without digital</p> <p>Target distance = 5000m with bar without digital</p>
24	Sample 24 PS < IS < RS with speed bar without hook	PROF	T0+115s	connection of active DMI channel: Message-S24	DMI		<p>Supervision info display is shown with</p>

							<p>Permitted speed from 0km/h to 30km/h with speed bar without hook</p> <p>Release speed from 0km/h to 100km/h with bar without digital</p> <p>Target distance = 5000m with bar without digital</p>
25	Sample 25 TS < PS with speed bar with hook	PROF	T0+120s	connection of active DMI channel: Message-S25	DMI		<p>Supervision info display is shown with</p> <p>Permitted speed from 30km/h to 100km/h with speed bar with hook</p> <p>Target speed from 0km/h to 30km/h with speed bar with hook</p> <p>Target distance = 5000m with bar and digital</p>
26	Sample 26 TS < PS < IS with speed bar with hook	PROF	T0+125s	connection of active DMI channel: Message-S26	DMI		<p>Supervision info display is shown with</p> <p>Permitted speed from 30km/h to 100km/h with speed bar with hook</p> <p>Target speed from 0km/h to 30km/h with speed bar with hook</p> <p>Intervention speed from 100km/h to 110km/h with wide bar width</p> <p>Target distance = 5000m with bar and digital</p>
27	Sample 27 TS = PS < IS with speed bar with hook	PROF	T0+130s	connection of active DMI channel: Message-S27	DMI		<p>Supervision info display is shown with</p> <p>Permitted speed from 0km/h to 100km/h with speed bar with hook</p> <p>Intervention speed from 100km/h to</p>

							110km/h with wide bar width Target distance = 5000m with bar and digital
28	Sample 28 PS < TS with speed bar with hook	PROF	T0+135s	connection of active DMI channel: Message-S28	DMI		Supervision info display is shown with Permitted speed from 0km/h to 30km/h with speed bar with hook Target speed from 30km/h to 100km/h with speed bar with hook Target distance = 5000m with bar and digital
29	Sample 29 PS < TS < IS with speed bar with hook	PROF	T0+140s	connection of active DMI channel: Message-S29	DMI		Supervision info display is shown with Permitted speed from 0km/h to 30km/h with speed bar with hook Target speed from 30km/h to 100km/h with speed bar with hook Intervention speed from 30km/h to 110km/h with wide bar width Target distance = 5000m with bar and digital
30	Sample 30 PS < IS < TS with speed bar with hook	PROF	T0+145s	connection of active DMI channel: Message-S30	DMI		Supervision info display is shown with Permitted speed from 0km/h to 30km/h with speed bar with hook Target speed from 30km/h to 100km/h with speed bar with hook Intervention speed from 30km/h to 50km/h with wide bar width

							Target distance = 5000m with bar and digital
31	Sample 31 RS < PS with speed bar with hook	PROF	T0+150s	connection of active DMI channel: Message-S31	DMI		Supervision info display is shown with Permitted speed from 0km/h to 100km/h with speed bar with hook Release speed from 0km/h to 30km/h with bar and digital Target distance = 5000m with bar and digital
32	Sample 32 RS < PS < IS with speed bar with hook	PROF	T0+155s	connection of active DMI channel: Message-S32	DMI		Supervision info display is shown with Permitted speed from 0km/h to 100km/h with speed bar with hook Intervention speed from 100km/h to 110km/h with wide bar width Release speed from 0km/h to 30km/h with bar and digital Target distance = 5000m with bar and digital
33	Sample 33 RS = PS < IS with speed bar with hook	PROF	T0+160s	connection of active DMI channel: Message-S33	DMI		Supervision info display is shown with Permitted speed from 0km/h to 100km/h with speed bar with hook Intervention speed from 100km/h to 110km/h with wide bar width Release speed from 0km/h to 100km/h with bar and digital Target distance = 5000m with bar and



							digital
34	Sample 34 PS < RS with speed bar with hook	PROF	T0+165s	connection of active DMI channel: Message-S34	DMI		Supervision info display is shown with Permitted speed from 0km/h to 30km/h with speed bar with hook Release speed from 0km/h to 100km/h with bar and digital Target distance = 5000m with bar and digital
35	Sample 35 PS < RS < IS with speed bar with hook	PROF	T0+170s	connection of active DMI channel: Message-S35	DMI		Supervision info display is shown with Permitted speed from 0km/h to 30km/h with speed bar with hook Intervention speed from 30km/h to 110km/h with wide bar width Release speed from 0km/h to 100km/h with bar and digital Target distance = 5000m with bar and digital
36	Sample 36 PS < IS < RS with speed bar with hook	PROF	T0+175s	connection of active DMI channel: Message-S36	DMI		Supervision info display is shown with Permitted speed from 0km/h to 30km/h with speed bar with hook Intervention speed from 30km/h to 50km/h with wide bar width Release speed from 0km/h to 100km/h with bar and digital Target distance = 5000m with bar and digital



Message-S1: STM updates supervision info (sample 1)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=6, VR=0, VI=0, DT=5000 MS=0(White), MP=4(Yellow), QP=01b(Hook only), MT=1(Grey), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=6(Red), QI=00b(No display), QD=01b(Digital only),			

Message-S2: STM updates supervision info (sample 2)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=6, VR=0, VI=110, DT=5000 MS=0(White), MP=4(Yellow), QP=01b(Hook only), MT=1(Grey), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=6(Red), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S3: STM updates supervision info (sample 3)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=100, VT=20, VR=0, VI=110, DT=5000
MS=0(White), MP=4(Yellow), QP=01b(Hook only), MT=1(Grey), QT=01b(Hook only),
MR=0(White), QR=00b(No display), MI=6(Red), QI=10b(wide bar width), QD=01b(Digital only),

Message-S4: STM updates supervision info (sample 4)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=30, VT=20, VR=0, VI=0, DT=5000 MS=0(White), MP=4(Yellow), QP=01b(Hook only), MT=1(Grey), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=6(Red), QI=00b(No display), QD=01b(Digital only),			

Message-S5: STM updates supervision info (sample 5)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=30, VT=20, VR=0, VI=110, DT=5000 MS=0(White), MP=4(Yellow), QP=01b(Hook only), MT=1(Grey), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=6(Red), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S6: STM updates supervision info (sample 6)			
VARIABLE	Length	VALUE	COMMENT



NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=30, VT=20, VR=0, VI=50, DT=5000 MS=0(White), MP=4(Yellow), QP=01b(Hook only), MT=1(Grey), QT=01b(Hook only), MR=0(White), QR=00b(No display), MI=6(Red), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S7: STM updates supervision info (sample 7)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=30, VI=0, DT=5000 MS=0(White), MP=4(Yellow), QP=01b(Hook only), MT=0(White), QT=00b(No display), MR=2(Medium grey), QR=01b(Digital only), MI=6(Red), QI=00b(No display), QD=01b(Digital only),			

Message-S8: STM updates supervision info (sample 8)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=30, VI=110, DT=5000 MS=0(White), MP=4(Yellow), QP=01b(Hook only), MT=0(White), QT=00b(No display), MR=2(Medium grey), QR=01b(Digital only), MI=6(Red), QI=10b(wide bar width), QD=01b(Digital only),			



Message-S9: STM updates supervision info (sample 9)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=100, VI=110, DT=5000 MS=0(White), MP=4(Yellow), QP=01b(Hook only), MT=0(White), QT=00b(No display), MR=2(Medium grey), QR=01b(Digital only), MI=6(Red), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S10: STM updates supervision info (sample 10)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=30, VT=0, VR=100, VI=0, DT=5000 MS=0(White), MP=4(Yellow), QP=01b(Hook only), MT=0(White), QT=00b(No display), MR=2(Medium grey), QR=01b(Digital only), MI=6(Red), QI=00b(No display), QD=01b(Digital only),			

Message-S11: STM updates supervision info (sample 11)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=30, VT=0, VR=100, VI=110, DT=5000
MS=0(White), MP=4(Yellow), QP=01b(Hook only), MT=0(White), QT=00b(No display),
MR=2(Medium grey), QR=01b(Digital only), MI=6(Red), QI=10b(wide bar width), QD=01b(Digital only),

Message-S12: STM updates supervision info (sample 12)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=30, VT=0, VR=100, VI=50, DT=5000 MS=0(White), MP=4(Yellow), QP=01b(Hook only), MT=0(White), QT=00b(No display), MR=2(Medium grey), QR=01b(Digital only), MI=6(Red), QI=10b(wide bar width), QD=01b(Digital only),			

Message-S13: STM updates supervision info (sample 13)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=6, VR=0, VI=0, DT=5000 MS=0(White), MP=4(Yellow), QP=10b(Speed bar without hook), MT=1(Grey), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=6(Red), QI=00b(No display), QD=10b(Bar without digital),			

Message-S14: STM updates supervision info (sample 14)			
VARIABLE	Length	VALUE	COMMENT



NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=6, VR=0, VI=110, DT=5000 MS=0(White), MP=4(Yellow), QP=10b(Speed bar without hook), MT=1(Grey), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=6(Red), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S15: STM updates supervision info (sample 15)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=20, VR=0, VI=110, DT=5000 MS=0(White), MP=4(Yellow), QP=10b(Speed bar without hook), MT=1(Grey), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=6(Red), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S16: STM updates supervision info (sample 16)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=30, VT=20, VR=0, VI=0, DT=5000 MS=0(White), MP=4(Yellow), QP=10b(Speed bar without hook), MT=1(Grey), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=6(Red), QI=00b(No display), QD=10b(Bar without digital),			



Message-S17: STM updates supervision info (sample 17)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=30, VT=20, VR=0, VI=110, DT=5000 MS=0(White), MP=4(Yellow), QP=10b(Speed bar without hook), MT=1(Grey), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=6(Red), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S18: STM updates supervision info (sample 18)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=30, VT=20, VR=0, VI=50, DT=5000 MS=0(White), MP=4(Yellow), QP=10b(Speed bar without hook), MT=1(Grey), QT=10b(Speed bar without hook), MR=0(White), QR=00b(No display), MI=6(Red), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S19: STM updates supervision info (sample 19)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=100, VT=0, VR=30, VI=0, DT=5000

MS=0(White), MP=4(Yellow), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display),

MR=2(Medium grey), QR=10b(Bar without digital), MI=6(Red), QI=00b(No display), QD=10b(Bar without digital),

Message-S20: STM updates supervision info (sample 20)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=100, VT=0, VR=30, VI=110, DT=5000

MS=0(White), MP=4(Yellow), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display),

MR=2(Medium grey), QR=10b(Bar without digital), MI=6(Red), QI=01b(Normal bar width), QD=10b(Bar without digital),

Message-S21: STM updates supervision info (sample 21)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=100, VT=0, VR=100, VI=110, DT=5000

MS=0(White), MP=4(Yellow), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display),

MR=2(Medium grey), QR=10b(Bar without digital), MI=6(Red), QI=01b(Normal bar width), QD=10b(Bar without digital),

Message-S22: STM updates supervision info (sample 22)

VARIABLE	Length	VALUE	COMMENT
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NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=30, VT=0, VR=100, VI=0, DT=5000 MS=0(White), MP=4(Yellow), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display), MR=2(Medium grey), QR=10b(Bar without digital), MI=6(Red), QI=00b(No display), QD=10b(Bar without digital),			

Message-S23: STM updates supervision info (sample 23)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=30, VT=0, VR=100, VI=110, DT=5000 MS=0(White), MP=4(Yellow), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display), MR=2(Medium grey), QR=10b(Bar without digital), MI=6(Red), QI=01b(Normal bar width), QD=10b(Bar without digital),			

Message-S24: STM updates supervision info (sample 24)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=30, VT=0, VR=100, VI=50, DT=5000 MS=0(White), MP=4(Yellow), QP=10b(Speed bar without hook), MT=0(White), QT=00b(No display), MR=2(Medium grey), QR=10b(Bar without digital), MI=6(Red), QI=01b(Normal bar width), QD=10b(Bar without digital),			



Message-S25: STM updates supervision info (sample 25)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=6, VR=0, VI=0, DT=5000 MS=0(White), MP=4(Yellow), QP=11b(Speed bar with hook), MT=1(Grey), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=6(Red), QI=00b(No display), QD=11b(Bar and digital),			

Message-S26: STM updates supervision info (sample 26)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=6, VR=0, VI=110, DT=5000 MS=0(White), MP=4(Yellow), QP=11b(Speed bar with hook), MT=1(Grey), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=6(Red), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S27: STM updates supervision info (sample 27)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=100, VT=20, VR=0, VI=110, DT=5000

MS=0(White), MP=4(Yellow), QP=11b(Speed bar with hook), MT=1(Grey), QT=11b(Speed bar with hook),

MR=0(White), QR=00b(No display), MI=6(Red), QI=10b(wide bar width), QD=11b(Bar and digital),

Message-S28: STM updates supervision info (sample 28)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=30, VT=20, VR=0, VI=0, DT=5000

MS=0(White), MP=4(Yellow), QP=11b(Speed bar with hook), MT=1(Grey), QT=11b(Speed bar with hook),

MR=0(White), QR=00b(No display), MI=6(Red), QI=00b(No display), QD=11b(Bar and digital),

Message-S29: STM updates supervision info (sample 29)

VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=30, VT=20, VR=0, VI=110, DT=5000

MS=0(White), MP=4(Yellow), QP=11b(Speed bar with hook), MT=1(Grey), QT=11b(Speed bar with hook),

MR=0(White), QR=00b(No display), MI=6(Red), QI=10b(wide bar width), QD=11b(Bar and digital),

Message-S30: STM updates supervision info (sample 30)

VARIABLE	Length	VALUE	COMMENT
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NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=30, VT=20, VR=0, VI=50, DT=5000 MS=0(White), MP=4(Yellow), QP=11b(Speed bar with hook), MT=1(Grey), QT=11b(Speed bar with hook), MR=0(White), QR=00b(No display), MI=6(Red), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S31: STM updates supervision info (sample 31)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=30, VI=0, DT=5000 MS=0(White), MP=4(Yellow), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=2(Medium grey), QR=11b(Bar and digital), MI=6(Red), QI=00b(No display), QD=11b(Bar and digital),			

Message-S32: STM updates supervision info (sample 32)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=30, VI=110, DT=5000 MS=0(White), MP=4(Yellow), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=2(Medium grey), QR=11b(Bar and digital), MI=6(Red), QI=10b(wide bar width), QD=11b(Bar and digital),			



Message-S33: STM updates supervision info (sample 33)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=100, VT=0, VR=100, VI=110, DT=5000 MS=0(White), MP=4(Yellow), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=2(Medium grey), QR=11b(Bar and digital), MI=6(Red), QI=10b(wide bar width), QD=11b(Bar and digital),			

Message-S34: STM updates supervision info (sample 34)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			
STM-43: PL=100, QS=1, VP=30, VT=0, VR=100, VI=0, DT=5000 MS=0(White), MP=4(Yellow), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display), MR=2(Medium grey), QR=11b(Bar and digital), MI=6(Red), QI=00b(No display), QD=11b(Bar and digital),			

Message-S35: STM updates supervision info (sample 35)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length
STM-15: PL=25, ST=7, (State DA)			



STM-43: PL=100, QS=1, VP=30, VT=0, VR=100, VI=110, DT=5000
 MS=0(White), MP=4(Yellow), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display),
 MR=2(Medium grey), QR=11b(Bar and digital), MI=6(Red), QI=10b(wide bar width), QD=11b(Bar and digital),

Message-S36: STM updates supervision info (sample 36)			
VARIABLE	Length	VALUE	COMMENT
NID_STM	8	FINITE_VALUE	NID_STM of the active STM
L_MESSAGE	8	18	Message Length

STM-15: PL=25, ST=7, (State DA)

STM-43: PL=100, QS=1, VP=30, VT=0, VR=100, VI=50, DT=5000
 MS=0(White), MP=4(Yellow), QP=11b(Speed bar with hook), MT=0(White), QT=00b(No display),
 MR=2(Medium grey), QR=11b(Bar and digital), MI=6(Red), QI=10b(wide bar width), QD=11b(Bar and digital),

End Conditions	Value	Comments
STM State	unchanged	
ETCS Mode	unchanged	
ETCS Level	unchanged	
Train State	unchanged	
ETCS Train Data	not relevant	
Active DMI channel Connection	unchanged	
Other DMI channels Connections	not relevant	
TIU Connection	not relevant	
BIU Connection	not relevant	
JD Connection	not relevant	

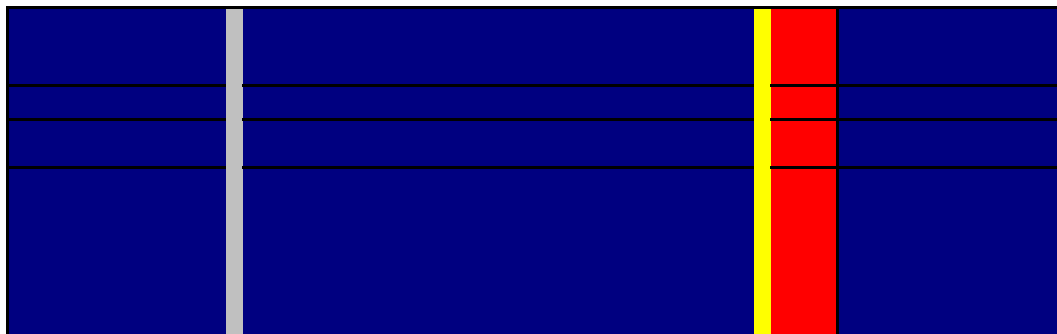
TIU Regenerative Brake Command	not relevant	
TIU Magnetic Shoes Brake Command	not relevant	
TIU Eddy Current Brake Command for Emergency Brake	not relevant	
TIU Eddy Current Brake Command for Service Brake	not relevant	
TIU Pantograph Command	not relevant	
TIU Air Tightness Command	not relevant	
TIU Main Switch / Circuit Breaker Command	not relevant	
TIU Traction Cut Off Command	not relevant	
TIU Traction Status	unchanged	
TIU Direction Controller Position Status	not relevant	
TIU Cab Status	unchanged	
BIU Emergency Brake Command	unchanged	
BIU Service Brake Command	unchanged	
BIU Emergency Brake Status	not relevant	
BIU Service Brake Status	not relevant	
NTC isolation status	unchanged	

2.6.9.1 Sample 1 TS < PS with hook only



Supervision info display is shown with
 Permitted speed = 100km/h with hook only
 Target speed = 30km/h with hook only
 Target distance = 5000m with digital only

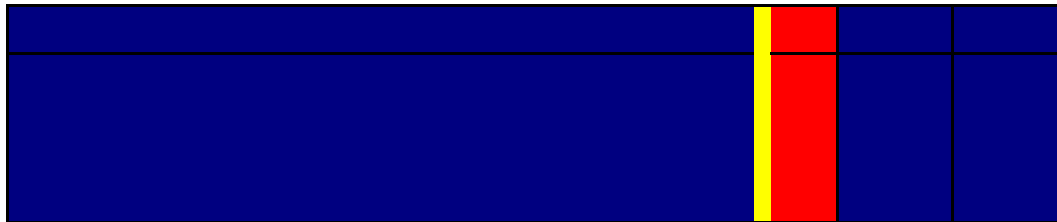
2.6.9.2 Sample 2 TS < PS < IS with hook only



Supervision info display is shown with
 Permitted speed = 100km/h with hook only
 Target speed = 30km/h with hook only
 Intervention speed from 100km/h to 110km/h with wide bar width
 Target distance = 5000m with digital only

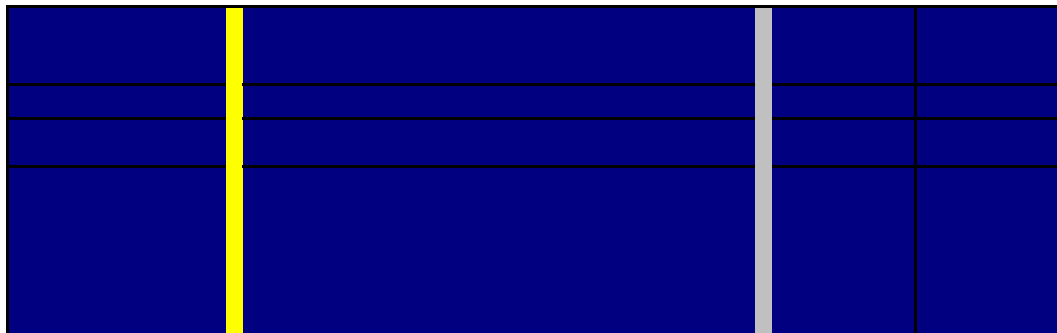
2.6.9.3 Sample 3 TS = PS < IS with hook only





Supervision info display is shown with
 Permitted speed = 100km/h with hook only
 Intervention speed from 100km/h to 110km/h with wide bar width
 Target distance = 5000m with digital only

2.6.9.4 Sample 4 PS < TS with hook only



Supervision info display is shown with
 Permitted speed = 30km/h with hook only
 Target speed = 100km/h with hook only
 Target distance = 5000m with digital only

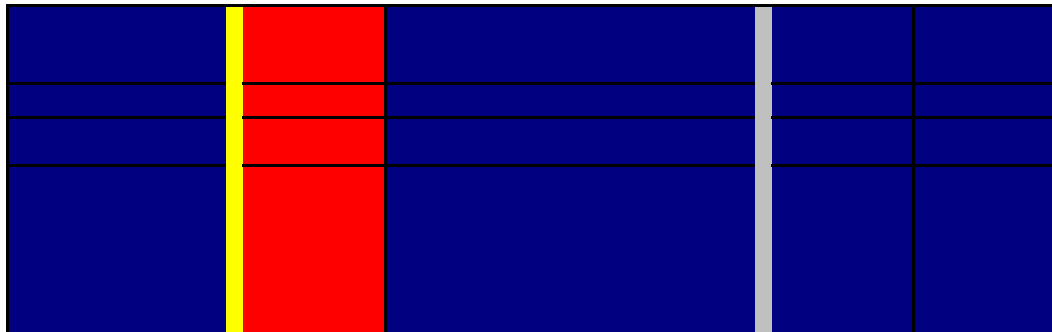
2.6.9.5 Sample 5 PS < TS < IS with hook only





Supervision info display is shown with
 Permitted speed = 30km/h with hook only
 Target speed = 100km/h with hook only
 Intervention speed from 30km/h to 110km/h with wide bar width
 Target distance = 5000m with digital only

2.6.9.6 Sample 6 PS < IS < TS with hook only



Supervision info display is shown with
 Permitted speed = 30km/h with hook only
 Target speed = 100km/h with hook only
 Intervention speed from 30km/h to 50km/h with wide bar width
 Target distance = 5000m with digital only

2.6.9.7 Sample 7 RS < PS with hook only

Supervision info display is shown with
 Permitted speed = 100km/h with hook only
 Release speed = 30km/h with digital only
 Target distance = 5000m with digital only

2.6.9.8 Sample 8 RS < PS < IS with hook only

Supervision info display is shown with
 Permitted speed = 100km/h with hook only
 Intervention speed from 100km/h to 110km/h with wide bar width
 Release speed = 30km/h with digital only
 Target distance = 5000m with digital only

2.6.9.9 Sample 9 RS = PS < IS with hook only

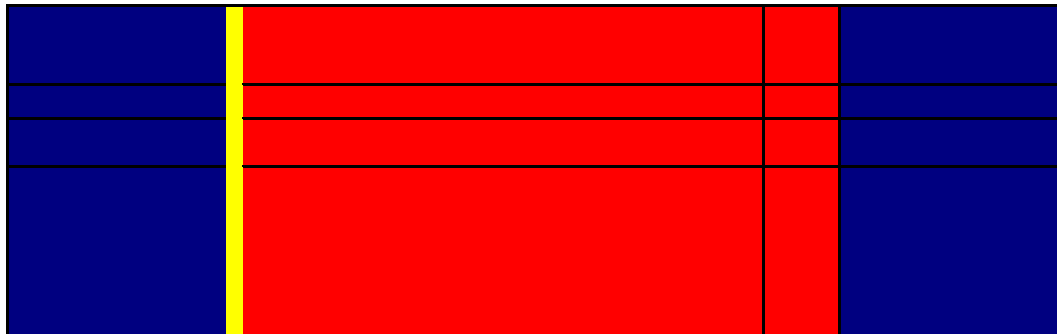
Supervision info display is shown with
 Intervention speed from 100km/h to 110km/h with wide bar width
 Release speed = 100km/h with digital only
 Target distance = 5000m with digital only

2.6.9.10 Sample 10 PS < RS with hook only

Supervision info display is shown with
 Permitted speed = 30km/h with hook only
 Release speed = 100km/h with digital only

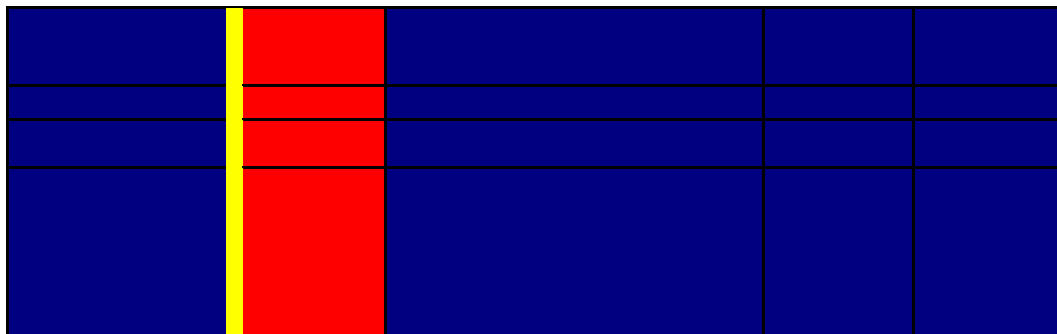
Target distance = 5000m with digital only

2.6.9.11 Sample 11 PS < RS < IS with hook only



Supervision info display is shown with
 Permitted speed = 30km/h with hook only
 Intervention speed from 30km/h to 110km/h with wide bar width
 Release speed = 100km/h with digital only
 Target distance = 5000m with digital only

2.6.9.12 Sample 12 PS < IS < RS with hook only



Supervision info display is shown with



Permitted speed = 30km/h with hook only
Intervention speed from 30km/h to 50km/h with wide bar width
Release speed = 100km/h with digital only
Target distance = 5000m with digital only

2.6.9.13 Sample 13 TS < PS with speed bar without hook

Supervision info display is shown with
Permitted speed from 30km/h to 100km/h with speed bar without hook
Target speed from 0km/h to 30km/h with speed bar without hook
Target distance = 5000m with bar without digital

2.6.9.14 Sample 14 TS < PS < IS with speed bar without hook

Supervision info display is shown with
 Permitted speed from 30km/h to 100km/h with speed bar without hook
 Target speed from 0km/h to 30km/h with speed bar without hook
 Intervention speed from 100km/h to 110km/h with normal bar width
 Target distance = 5000m with bar without digital

2.6.9.15 Sample 15 TS = PS < IS with speed bar without hook

Supervision info display is shown with
 Permitted speed from 0km/h to 100km/h with speed bar without hook
 Intervention speed from 100km/h to 110km/h with normal bar width
 Target distance = 5000m with bar without digital

2.6.9.16 Sample 16 PS < TS with speed bar without hook

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Supervision info display is shown with
Permitted speed from 0km/h to 30km/h with speed bar without hook
Target speed from 30km/h to 100km/h with speed bar without hook
Target distance = 5000m with bar without digital

2.6.9.17 Sample 17 PS < TS < IS with speed bar without hook

Supervision info display is shown with
Permitted speed from 0km/h to 30km/h with speed bar without hook
Target speed from 30km/h to 100km/h with speed bar without hook
Intervention speed from 100km/h to 110km/h with normal bar width
Target distance = 5000m with bar without digital

2.6.9.18 Sample 18 PS < IS < TS with speed bar without hook

Supervision info display is shown with
 Permitted speed from 0km/h to 30km/h with speed bar without hook
 Target speed from 30km/h to 100km/h with speed bar without hook
 Target distance = 5000m with bar without digital

2.6.9.19 Sample 19 RS < PS with speed bar without hook

Supervision info display is shown with
 Permitted speed from 0km/h to 100km/h with speed bar without hook
 Release speed from 0km/h to 30km/h with bar without digital
 Target distance = 5000m with bar without digital

2.6.9.20 Sample 20 RS < PS < IS with speed bar without hook

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Supervision info display is shown with
 Permitted speed from 0km/h to 100km/h with speed bar without hook
 Intervention speed from 100km/h to 110km/h with normal bar width
 Release speed from 0km/h to 30km/h with bar without digital
 Target distance = 5000m with bar without digital

2.6.9.21 Sample 21 RS = PS < IS with speed bar without hook

Supervision info display is shown with
 Permitted speed from 0km/h to 100km/h with speed bar without hook
 Intervention speed from 100km/h to 110km/h with normal bar width
 Release speed from 0km/h to 100km/h with bar without digital
 Target distance = 5000m with bar without digital

2.6.9.22 Sample 22 PS < RS with speed bar without hook

Supervision info display is shown with
 Permitted speed from 0km/h to 30km/h with speed bar without hook
 Release speed from 0km/h to 100km/h with bar without digital
 Target distance = 5000m with bar without digital

2.6.9.23 Sample 23 PS < RS < IS with speed bar without hook

Supervision info display is shown with
 Permitted speed from 0km/h to 30km/h with speed bar without hook
 Intervention speed from 100km/h to 110km/h with normal bar width
 Release speed from 0km/h to 100km/h with bar without digital
 Target distance = 5000m with bar without digital

2.6.9.24 Sample 24 PS < IS < RS with speed bar without hook

Supervision info display is shown with
 Permitted speed from 0km/h to 30km/h with speed bar without hook
 Release speed from 0km/h to 100km/h with bar without digital
 Target distance = 5000m with bar without digital

2.6.9.25 Sample 25 TS < PS with speed bar with hook

Supervision info display is shown with
 Permitted speed from 30km/h to 100km/h with speed bar with hook
 Target speed from 0km/h to 30km/h with speed bar with hook

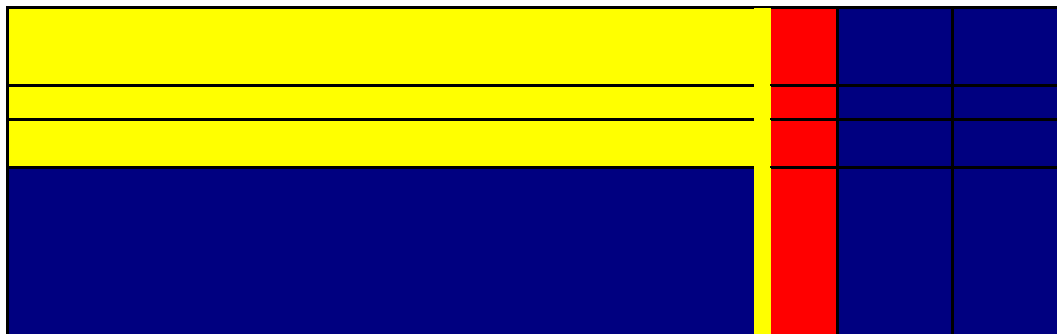
Target distance = 5000m with bar and digital

2.6.9.26 Sample 26 TS < PS < IS with speed bar with hook



Supervision info display is shown with
 Permitted speed from 30km/h to 100km/h with speed bar with hook
 Target speed from 0km/h to 30km/h with speed bar with hook
 Intervention speed from 100km/h to 110km/h with wide bar width
 Target distance = 5000m with bar and digital

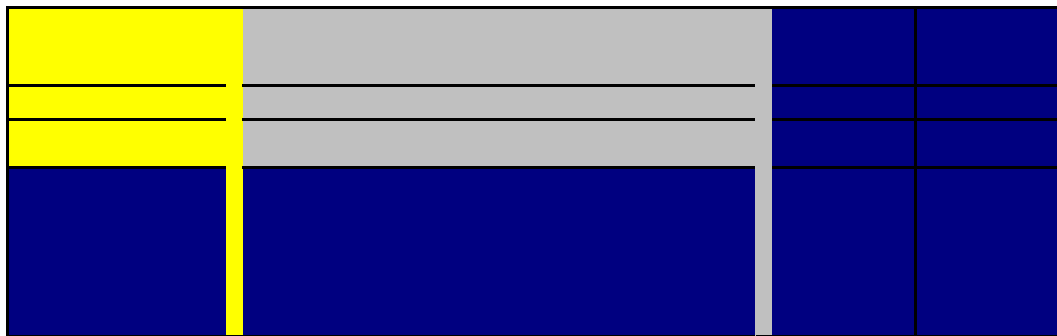
2.6.9.27 Sample 27 TS = PS < IS with speed bar with hook



Supervision info display is shown with

Permitted speed from 0km/h to 100km/h with speed bar with hook
 Intervention speed from 100km/h to 110km/h with wide bar width
 Target distance = 5000m with bar and digital

2.6.9.28 Sample 28 PS < TS with speed bar with hook



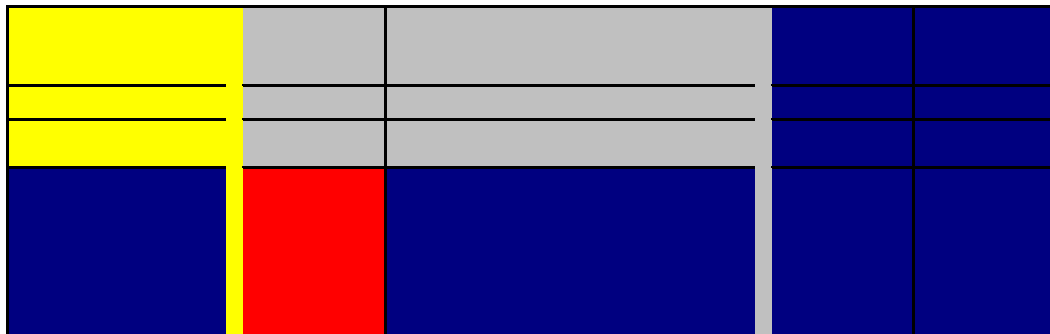
Supervision info display is shown with
 Permitted speed from 0km/h to 30km/h with speed bar with hook
 Target speed from 30km/h to 100km/h with speed bar with hook
 Target distance = 5000m with bar and digital

2.6.9.29 Sample 29 PS < TS < IS with speed bar with hook



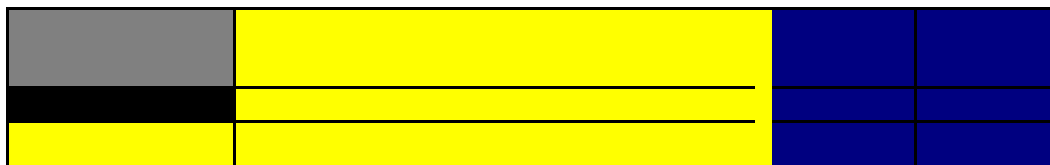
Supervision info display is shown with
 Permitted speed from 0km/h to 30km/h with speed bar with hook
 Target speed from 30km/h to 100km/h with speed bar with hook
 Intervention speed from 30km/h to 110km/h with wide bar width
 Target distance = 5000m with bar and digital

2.6.9.30 Sample 30 PS < IS < TS with speed bar with hook



Supervision info display is shown with
 Permitted speed from 0km/h to 30km/h with speed bar with hook
 Target speed from 30km/h to 100km/h with speed bar with hook
 Intervention speed from 30km/h to 50km/h with wide bar width
 Target distance = 5000m with bar and digital

2.6.9.31 Sample 31 RS < PS with speed bar with hook





Supervision info display is shown with
Permitted speed from 0km/h to 100km/h with speed bar with hook
Release speed from 0km/h to 30km/h with bar and digital
Target distance = 5000m with bar and digital

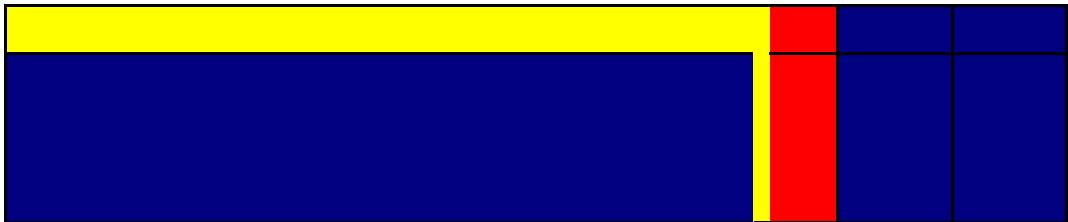
2.6.9.32 Sample 32 RS < PS < IS with speed bar with hook



Supervision info display is shown with
Permitted speed from 0km/h to 100km/h with speed bar with hook
Intervention speed from 100km/h to 110km/h with wide bar width
Release speed from 0km/h to 30km/h with bar and digital
Target distance = 5000m with bar and digital

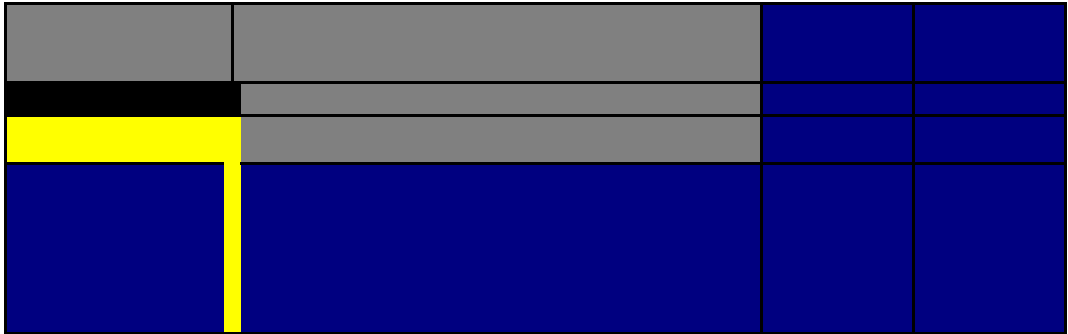
2.6.9.33 Sample 33 RS = PS < IS with speed bar with hook





Supervision info display is shown with
Permitted speed from 0km/h to 100km/h with speed bar with hook
Intervention speed from 100km/h to 110km/h with wide bar width
Release speed from 0km/h to 100km/h with bar and digital
Target distance = 5000m with bar and digital

2.6.9.34 Sample 34 PS < RS with speed bar with hook



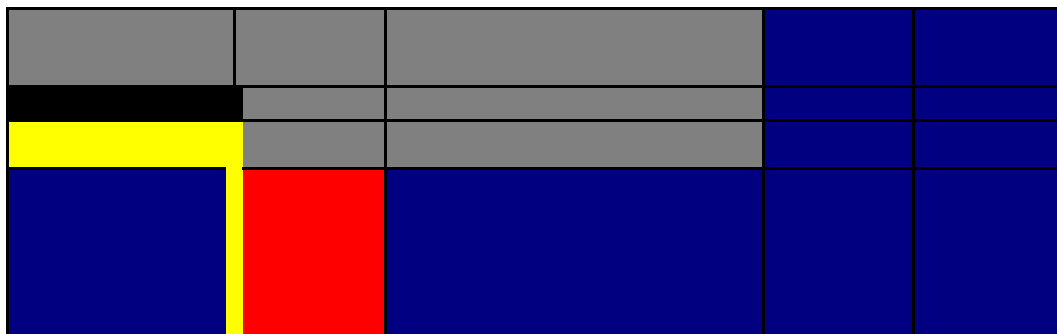
Supervision info display is shown with
Permitted speed from 0km/h to 30km/h with speed bar with hook
Release speed from 0km/h to 100km/h with bar and digital
Target distance = 5000m with bar and digital

2.6.9.35 Sample 35 PS < RS < IS with speed bar with hook



Supervision info display is shown with
 Permitted speed from 0km/h to 30km/h with speed bar with hook
 Intervention speed from 30km/h to 110km/h with wide bar width
 Release speed from 0km/h to 100km/h with bar and digital
 Target distance = 5000m with bar and digital

2.6.9.36 Sample 36 PS < IS < RS with speed bar with hook



Supervision info display is shown with
 Permitted speed from 0km/h to 30km/h with speed bar with hook
 Intervention speed from 30km/h to 50km/h with wide bar width
 Release speed from 0km/h to 100km/h with bar and digital



Target distance = 5000m with bar and digital