

ERTMS UNIT

SCOPE OF THE TEST SPECIFICATIONS

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Amendment record

Version	Date	Section number	Modification/description	Author(s)
1.0.0	18/06/2003	All	Creation	J. Iglesias
1.0.1	14/04/2008	All	Alignment to SRS 2.3.0	Daniel Molina/ Miguel Fernandez (CEDEX)
1.0.2	25/02/2009	Chapter 3	Improvement in the scope definition	Oscar Rebollo
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2.9.1	28/03/2014	Chapter 3	ERA internal review	Oscar Rebollo
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Version	Date	Section number	Modification/description	Author(s)
3.3.0	17/08/2017	3, 4	Final update due to Agency technical opinion for B3 2 nd release version	Oscar Rebollo
3.3.1	11/05/2022		First draft for TSI 2022	Christian Klecha
3.3.2	04/07/2024	All	Second draft	Working Group for SS076
3.3.3	15/11/2024	All	Update for final review before official delivery for Baseline 4	Working Group for SUBSET-076
3.3.4	02/12/2024	All	Consideration of the comments received from ERA and UNISIG during the final review	Working Group for SUBSET-076
3.3.5	12/12/2024	All	Consideration of the comments received from ERA during the final review	Working Group for SUBSET-076
3.3.6	16/12/2024	§4	Consideration of the comments received from ERA during the final review	Christian Klecha
4.0.0	18/12/2024	Table 4	Final update for B4 release version	Working Group for SUBSET-076

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1. INTRODUCTION

- 1.1.1.1** This document is created to clearly define the Scope of the Test Specifications, Subset-076, which consists of a list of test cases (Subset-076-5-2) to be applied and a list of test sequences (Subset-076-6-3) to be executed.

2. REFERENCES AND ABBREVIATIONS

2.1 Reference documents

Table 1 : Reference documents

Ref. N°	Document Reference	Title
[1]	SUBSET-023	Glossary of Terms and Abbreviations
[2]	SUBSET-026	System Requirement Specification
[3]	SUBSET-076-5-2	Test Cases
[4]	SUBSET-076-6-3	Test Sequences
[5]	SUBSET-094	Functional requirements for an on-board - Reference test facility

2.2 Abbreviations

Table 2 : Abbreviations

Abbreviation	Meaning
CR	Change Request
NoBo	Notified Body
TC	Test Case
TS	Test Sequence
TSI CCS	Technical Specification for Interoperability relating to the Control-Command and Signalling

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3. SCOPE OF THE TEST SPECIFICATIONS

- 3.1.1.1** The scope of the Subset-076 is to define tests to be used in proving the technical conformity and functionality of the ETCS on board subsystem against requirements of the Subset-026 [2]. The operational use of the ETCS On board subsystem and the trackside engineering of real lines where the train will run are out of scope of the Ss-076. These two aspects have to be checked against the corresponding technical documentation by the competent body.
- 3.1.1.2** The list of (totally or partially) non-testable requirements and the related justifications are provided in Table 3.
- 3.1.1.3** In particular, regarding FRMCS the following strategy has been applied: parts of requirements applicable when FRMCS is the only radio system installed on-board and/or for which an FRMCS radio simulator would be needed to perform the test (i.e. also some parts of requirements applicable when both radio systems (GSM-R+FRMCS) are installed on-board) are currently not tested by Subset-076. In future version of the document (when FRMCS radio simulator is available), all radio configurations will be fully tested.
- 3.1.1.4** Note: when “No” is indicated in the column “Partially testable”, it means that the whole requirement is considered as not testable.

Table 3: Non testable requirements

SUBSET-026 requirement	Justification	Partially testable
3.5.3.7.1	See remarks for parts 1), 2) and 3) of requirement	Yes
3.5.3.7.1 1)	FRMCS adaptor needed for full establishment of safe radio connection	No
3.5.3.7.1 2)	Without FRMCS adaptor, testing limited to mission with only GSM-R radio system	Yes
3.5.3.7.1 3)	Without FRMCS adaptor, the full establishment of safe radio connection is not possible in case the radio network type is FRMCS; it may also be difficult/impossible to ensure that the previous radio system stored by Euroradio is FRMCS	Yes
3.5.3.7.2	Testing limited to storage of GSM-R as radio system used for safe radio connection: otherwise FRMCS adaptor strictly necessary	Yes
3.5.4.2	Testing limited to re-connecting via GSM-R (as radio system used for safe radio connection): otherwise FRMCS adaptor strictly necessary	Yes
3.5.6.7	See remarks for parts a), b) and c) of requirement	Yes
3.5.6.7 a)	The configuration with FRMCS being the only radio system installed on-board is not tested, so testing limited to the case where the stored radio network type is FRMCS	Yes
3.5.6.7 b)	Without FRMCS adaptor, testing limited to the case where FRMCS on-board is not registered	Yes
3.5.6.7 c)	Without FRMCS adaptor, testing limited to mission with only GSM-R radio system	Yes

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SUBSET-026 requirement	Justification	Partially testable
3.6.3.1.4.1	Requirement to be tested with SUBSET-074	No
3.13.10.2.6 b) b)	<p>To ensure that the transition to Trip mode is due to condition Id [11] and not [16], the conditions of test are difficult to reproduce in lab, in particular due to the distance of 5m between the balise antenna and the front end of the train which is defined in SUBSET-094 for all the tests of SUBSET-076 (and that we do not intend to change to cover this sub-requirement).</p> <p>It has been considered that condition Id [16] will apply before condition Id [11] when the first possible location of the BG is known to be at the EOA or in advance of the EOA.</p> <p>Therefore the most probable operational situation is tested with 3.13.10.2.6 b) a), which is also the easiest configuration to test because at very low speed, the "on-board tolerances when determining the reference location of the balise group" which are at least above 3m according to constraints exported to the supplier in SUBSET-094, should ensure that the min safe front end of the train does not overpass the EOA before the transition to Trip with condition Id [11].</p>	No
3.13.10.2.6 b) c)	<p>To ensure that the transition to Trip mode is due to condition Id [11] and not [16], the conditions of test are difficult to reproduce in lab, in particular due to the distance of 5m between the balise antenna and the front end of the train which is defined in SUBSET-094 for all the tests of SUBSET-076 (and that we do not intend to change to cover this sub-requirement).</p> <p>It has been considered that condition Id [16] will apply before condition Id [11] when the first possible location of the BG is known to be at the EOA or in advance of the EOA.</p> <p>Therefore the most probable operational situation is tested with 3.13.10.2.6 b) a), which is also the easiest configuration to test because at very low speed, the "on-board tolerances when determining the reference location of the balise group" which are at least above 3m according to constraints exported to the supplier in SUBSET-094, should ensure that the min safe front end of the train does not overpass the EOA before the transition to Trip with condition Id [11].</p>	No
3.16.2.4.8.2.1	Requirement to be tested with SUBSET-074	No
3.17.3.5 b)	Not testable with actual System Version X values	No
3.17.3.6 a)	Not testable with actual System Version X values	No
A.3.4.1.3 table - STM max speed	Requirement to be tested with SUBSET-074	No
A.3.4.1.3 table - STM system speed/distance	Requirement to be tested with SUBSET-074	No
A.3.4.1.3 table - Unconditional Emergency Stop	None of the special situations listed by A.3.4.1.2 seems possible while UES stored on-board (which immediately leads to trip procedure).	No
A.3.4.1.3 table - RBC/RIU System Version	None of the special situations listed by A.3.4.1.2 seems possible to provoke between reception of Msg 32 and the immediate reply by sending of Msg 159/154.	No

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SUBSET-026 requirement	Justification	Partially testable
4.4.7.1.6 a)	Use of "can": cannot really be considered as an on-board requirement. Will at least be indirectly tested with chapter 3 Table 2c anyway).	No
4.4.7.1.6 b)	Use of "can": cannot really be considered as an on-board requirement. Will at least be indirectly tested with chapter 3 Table 2c anyway).	No
4.5.1.4	Generic requirement related to NP mode	No
4.6.3 table - Condition Id [35]	STM - National Trip procedure is active Requirement to be tested with SUBSET-074	No
4.6.3 table - Condition Id [38]	STM - National Trip procedure is active Requirement to be tested with SUBSET-074	No
4.7.2.1.4 table - Input information Perform mission with only one radio system	Condition A testable at least in a specific mode Without FRMCS simulator, tests limited to cases where GSM-R is chosen.	Yes
4.7.2.1.4 table - Output information NTC not available	Requirement to be tested with SUBSET-074	No
4.7.2.1.4 table - Output information NTC data need	Requirement to be tested with SUBSET-074	No
4.7.2.1.4 table - Output information NTC failed	Requirement to be tested with SUBSET-074	No
4.8.3.1.1 table - Session Management	Testing limited to Packet 42 (Session Management for RBC interfaced to GSM-R): otherwise FRMCS adaptor needed for full establishment of safe radio connection	Yes
4.8.3.1.1 table - RBC Transition Order	Testing limited to Packet 131 (RBC transition order for RBC interfaced to GSM-R): otherwise FRMCS adaptor needed for full establishment of safe radio connection	Yes
4.8.3.1.1 table - Data to be used by applications outside ERTMS/ETCS	Data used by applications outside the ERTMS/ETCS system	No
4.8.3.1.1 table - Exception [15]	For first bullet point: Testing limited to Radio Network type =FRMCS otherwise FRMCS adaptor or OBU only equipped with FRMCS strictly necessary.	Yes
4.8.3.2 Table - STM max speed	Requirement to be tested with SUBSET-074	No
4.8.3.2 Table - STM system speed/distance	Requirement to be tested with SUBSET-074	No
4.8.3.2 exception [6]	Requirement to be tested with SUBSET-074	No
4.8.3.2 exception [7]	Requirement to be tested with SUBSET-074	No
4.8.4.2 table - Session Management	Testing limited to Packet 42 (Session Management for RBC interfaced to GSM-R): otherwise FRMCS adaptor needed for full establishment of safe radio connection	Yes

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SUBSET-026 requirement	Justification	Partially testable
4.8.4.2 table - RBC Transition Order	Testing limited to Packet 131 (RBC transition order for RBC interfaced to GSM-R): otherwise FRMCS adaptor needed for full establishment of safe radio connection	Yes
4.8.4.2 table - Data to be used by applications outside ERTMS/ETCS	Data used by applications outside the ERTMS/ETCS system	No
4.10.1.3 e)	Action "not relevant" in next table of 4.10	No
4.10.1.3 table - line STM max speed	Requirement to be tested with SUBSET-074	No
4.10.1.3 table - line STM system speed/distance	Requirement to be tested with SUBSET-074	No
4.10.1.3 table - line Radio system used for safe radio connection	Not testable without FRMCS simulator (to check the connection attempt with the radio that was not in use before the NP)	No
4.10.1.3 table - line Mission performed with only one radio system	Without FRMCS simulator, tests limited to cases where GSM-R is chosen.	Yes
4.12.1.2 d)	Not relevant case and as stated in the requirement: "there is no transition from the mode in which the brake command reason could be applicable to the entered mode or the transition condition(s) to the entered mode can only be fulfilled when the condition(s) to release the brake command associated to this individual reason (see 3.14.1) is(are) fulfilled"	No
4.12.1.2 e)	Not defined case: "the action on the brake command reason cannot be determined. This concerns the entry in SF and IS modes"	No
5.4.3.2 D7	See remarks for parts a) and b) of requirement	Yes
5.4.3.2 D7 a)	FRMCS adaptor strictly necessary (OBU only equipped with FRMCS also strictly necessary for a part of the requirement)	No
5.4.3.2 D7 b)	FRMCS adaptor strictly necessary	No
5.4.3.2 S3	See remarks for parts c), d), e) and i) of requirement	Yes
5.4.3.2 S3 c)	FRMCS adaptor strictly necessary and for parts additionally OBU only equipped with FRMCS strictly necessary	No
5.4.3.2 S3 d)	FRMCS adaptor strictly necessary	No
5.4.3.2 S3 e)	Without FRMCS simulator, only the case where the GSM-R is chosen is testable	Yes
5.4.3.2 S3 i)	Not testable for subcase which demands OBU only equipped with FRMCS	Yes
5.4.3.2 S4	See remarks for parts a), b) and c) of requirement	Yes
5.4.3.2 S4 a)	FRMCS adaptor strictly necessary	No
5.4.3.2 S4 b)	Not testable for subcase which demands OBU only equipped with FRMCS. Only testable with Radio Network type = FRMCS and ETCS OB equipped with both FRMCS and GSM-R.	Yes

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SUBSET-026 requirement	Justification	Partially testable
5.4.3.2 S4 c)	FRMCS adaptor strictly necessary	No
5.4.3.2 A42	See remarks for parts a) and b) of requirement	Yes
5.4.3.2 A42 a)	Not testable for subcase which demands OBU only equipped with FRMCS. Only testable with Radio Network type = FRMCS and ETCS OB equipped with both FRMCS and GSM-R.	Yes
5.4.3.2 A42 b)	For the subcase where only GSM-R failed, FRMCS adaptor strictly necessary	Yes
5.4.3.2 D9	Testing limited to mission with only GSM-R radio system: otherwise FRMCS adaptor strictly necessary	Yes
5.4.3.3 - Following D2: stored level is "invalid" or "unknown"	The status of "Level" implies that it comes from NP, in which case the "RBC contact information" is also TBR and cannot be valid.	No
5.6.2.2 D030	STM National Trip procedure Requirement to be tested with SUBSET-074	No
5.6.2.2 A030	STM National Trip procedure Requirement to be tested with SUBSET-074	No
5.8.3.7.1	Override function activated by STM Requirement to be tested with SUBSET-074	No
5.10.2.4.1	See remarks for part a) of requirement	Yes
5.10.2.4.1 a)	See remarks for part a) and b) of requirement	Yes
5.10.2.4.1 a) a)	Not possible for ETCS OB to detect that FRMCS OB is in working condition	No
5.10.2.4.1 a) b)	Not possible for ETCS OB to detect that FRMCS OB is in working condition	No
5.10.3.15.2	See remarks for part a) of requirement	Yes
5.10.3.15.2 a)	See remarks for parts a) and b) of requirement	Yes
5.10.3.15.2 a) a)	FRMCS adaptor strictly necessary	No
5.10.3.15.2 a) b)	FRMCS adaptor strictly necessary	No
6.6.2.1.2	This requirement replaces the requirement 3.6.1.3.4 which is not an ETCS on-board requirement according to chapter 9 of SUBSET-026	No
6.6.2.2.3	This requirement makes the requirement 4.4.7.1.6 b) not applicable and this requirement is considered as Not testable in this table	No
6.6.2.3.1	This requirement only removes the possible selection of SM in 5.4.3.2 S10. It is not testable as anyway the conditions for enabling the SM buttons cannot be met while operating X=1 in Level 2 (no communication session with a supervising RBC certified with a system version X.Y > 2.2 can exist).	No
6.6.2.3.2	This requirement only removes the possible selection of SM in 5.4.3.2 S20 via 5.4.5.3 k). It is not testable as anyway the conditions for enabling the SM buttons cannot be met while operating X=1 in Level 2 (no communication session with a supervising RBC certified with a system version X.Y > 2.2 can exist).	No

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SUBSET-026 requirement	Justification	Partially testable
6.6.2.3.6	This requirement only removes the possible selection of SM in 5.11.2.2 S140. It is not testable as anyway the conditions for enabling the SM buttons cannot be met while operating X=1 in Level 2 (no communication session with a supervising RBC certified with a system version X.Y > 2.2 can exist).	No
6.6.2.3.7	Removal of section 5.21 related to Supervised Manoeuvre procedure: this procedure cannot be initiated while operating X=1 in Level 2 (no communication session with a supervising RBC certified with a system version X.Y > 2.2 can exist).	No
6.6.4.1.1	This requirement refers to the requirement 6.6.2.1.2 and this requirement is considered as Not testable in this table	No
6.6.4.2.1	This requirement refers to the requirement 6.6.2.2.3 and this requirement is considered as Not testable in this table	No
6.6.4.3.1	Not testable for the same reason as for 6.6.2.3.1,2, 6 &7	No
8.4.1.5.1	Data used by applications outside the ERTMS/ETCS system	No
8.4.4.4.2 c)	Data used by applications outside the ERTMS/ETCS system	No
8.4.4.4.3 a)	Packet 4 in a message 157 is considered as not testable (possible test scenario seems highly unlikely).	No
8.4.4.4.3 e)	Not testable: Packet 44 (Data used by applications outside the ERTMS/ETCS system)	No

- 3.1.1.5** Hereafter the list of Sequences that shall be applied to follow a test campaign according to the TSI CCS, which contains the Subset-026 v4.0.0.
- 3.1.1.6** The column "*Test Sequence*" provides the reference of the applicable sequence. The column "*Train data set*" specifies the set of train data that needs to be configured within the on-board unit for the test sequence (the train data sets are defined in [\[5\]](#)).
- 3.1.1.7** Test Sequences dedicated to optional interfaces (indicated with a reference to the interface(s) in column "*Optional Interface*") do not have to be run if the on-board unit under test does not implement these optional interfaces.
- 3.1.1.8** Test Sequences requiring a specific configuration for the installation of on-board radio system(s) ("GSM-R only" or "FRMCS+GSM-R" indicated in column "Radio system(s) installed on-board") do not have to be run if the on-board unit under test is not compatible with this configuration.
- 3.1.1.9** When nothing is indicated in column "Radio system(s) installed on-board", Test Sequences can be run indifferently with the configurations of installation of on-board radio system(s) "GSM-R only" or "FRMCS+GSM-R". The configuration "FRMCS only" is not currently tested (see 3.1.1.3) and the supplier does not have to provide it [\[5\]](#).

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Table 4: Applicable Test Sequences

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_3040200_01_v400_SV30			Generic
Subset-076-6-3_3040200_02_v400_SV30			Generic
Subset-076-6-3_3040200_03_v400_SV30			Generic
Subset-076-6-3_3040200_04_v400_SV30			Generic
Subset-076-6-3_3040200_05_v400_SV30			Generic
Subset-076-6-3_3040300_01_v400_SV30	RIU		Generic
Subset-076-6-3_3040400_03_v400_SV30			Generic
Subset-076-6-3_3040400_04_v400_SV30			Generic
Subset-076-6-3_3040400_05_v400_SV30			Generic
Subset-076-6-3_3040400_06_v400_SV30			Generic
Subset-076-6-3_3040400_07_v400_SV30			Generic
Subset-076-6-3_3040400_08_v400_SV30			Generic
Subset-076-6-3_3040400_09_v400_SV30	RIU		Generic
Subset-076-6-3_3040400_10_v400_SV30			Generic
Subset-076-6-3_3040500_01_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_3040500_02_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_3040500_03_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_3050300_01_v400_SV30			Generic
Subset-076-6-3_3050300_02_v400_SV30			Generic
Subset-076-6-3_3050300_03_v400_SV30	RIU		Generic
Subset-076-6-3_3050300_05_v400_SV30			Generic
Subset-076-6-3_3050300_10_v400_SV30			Generic
Subset-076-6-3_3050300_11_v400_SV30			Generic
Subset-076-6-3_3050300_12_v400_SV30			Generic
Subset-076-6-3_3050300_18_v400_SV30			Generic
Subset-076-6-3_3050300_19_v400_SV30			Generic

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Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_3050400_01_v400_SV30			Generic
Subset-076-6-3_3050400_02_v400_SV30	RIU		Generic
Subset-076-6-3_3050400_03_v400_SV30			Generic
Subset-076-6-3_3050500_01_v400_SV30	RIU		Generic
Subset-076-6-3_3050500_02_v400_SV30			Generic
Subset-076-6-3_3050500_03_v400_SV30			Generic
Subset-076-6-3_3050500_04_v400_SV30			Generic
Subset-076-6-3_3050500_08_v400_SV30			Generic
Subset-076-6-3_3050500_10_v400_SV30			Generic
Subset-076-6-3_3050500_11_v400_SV30			Generic
Subset-076-6-3_3050600_01_v400_SV30			Generic
Subset-076-6-3_3050600_03_v400_SV30		GSM-R only	Generic
Subset-076-6-3_3050600_04_v400_SV30	RIU		Generic
Subset-076-6-3_3050600_05_v400_SV30		FRMCS+GSM-R	Generic
Subset-076-6-3_3050600_06_v400_SV30		FRMCS+GSM-R	Generic
Subset-076-6-3_3050700_01_v400_SV30	RIU		Generic
Subset-076-6-3_3050700_02_v400_SV30			Generic
Subset-076-6-3_3050700_03_v400_SV30			Generic
Subset-076-6-3_3050700_04_v400_SV30			Generic
Subset-076-6-3_3050700_05_v400_SV30			Generic
Subset-076-6-3_3060100_01_v400_SV30			Generic
Subset-076-6-3_3060200_01_v400_SV30			Generic
Subset-076-6-3_3060300_01_v400_SV30			Generic
Subset-076-6-3_3060300_02_v400_SV30			Generic
Subset-076-6-3_3060400_01_v400_SV30			Generic
Subset-076-6-3_3060500_01_v400_SV30			Generic
Subset-076-6-3_3060500_03_v400_SV30			Generic

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Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_3060500_04_v400_SV30			Generic
Subset-076-6-3_3060500_05_v400_SV30			Generic
Subset-076-6-3_3060500_06_v400_SV30			Generic
Subset-076-6-3_3060500_07_v400_SV30			Generic
Subset-076-6-3_3060500_08_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic
Subset-076-6-3_3060500_09_v400_SV30			Generic
Subset-076-6-3_3060500_10_v400_SV30			Generic
Subset-076-6-3_3060500_11_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic
Subset-076-6-3_3060500_12_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic
Subset-076-6-3_3060500_13_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic
Subset-076-6-3_3060500_14_v400_SV30	Train Data acquired from ERTMS/ETCS external sources		Generic
Subset-076-6-3_3060500_15_v400_SV30			Generic
Subset-076-6-3_3060500_16_v400_SV30			Generic
Subset-076-6-3_3060600_01_v400_SV30			Generic
Subset-076-6-3_3060600_02_v400_SV30	STM		Generic

ERA ERTMS UNIT

SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_3060700_01_v400_SV30			Generic
Subset-076-6-3_3060800_01_v400_SV30			Generic
Subset-076-6-3_3060800_02_v400_SV30			Generic
Subset-076-6-3_3060800_03_v400_SV30			Generic
Subset-076-6-3_3070200_01_v400_SV30			Generic
Subset-076-6-3_3070200_02_v400_SV30			Generic
Subset-076-6-3_3070300_01_v400_SV30			Generic
Subset-076-6-3_3070300_02_v400_SV30			Generic
Subset-076-6-3_3070300_03_v400_SV30			Generic
Subset-076-6-3_3070300_04_v400_SV30	RIU		Generic
Subset-076-6-3_3070300_05_v400_SV30			Generic
Subset-076-6-3_3070300_06_v400_SV30	RIU		Generic
Subset-076-6-3_3070300_07_v400_SV30			Generic
Subset-076-6-3_3070300_08_v400_SV30			Generic
Subset-076-6-3_3070300_09_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic
Subset-076-6-3_3070300_10_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic
Subset-076-6-3_3070300_11_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic
Subset-076-6-3_3070300_12_v400_SV30			Generic
Subset-076-6-3_3070300_13_v400_SV30			Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_3080200_01_v400_SV30			Generic
Subset-076-6-3_3080200_02_v400_SV30			Generic
Subset-076-6-3_3080200_03_v400_SV30			Generic
Subset-076-6-3_3080200_04_v400_SV30			Generic
Subset-076-6-3_3080200_05_v400_SV30			Generic
Subset-076-6-3_3080200_06_v400_SV30			Generic
Subset-076-6-3_3080200_07_v400_SV30			Generic
Subset-076-6-3_3080200_08_v400_SV30			Generic
Subset-076-6-3_3080300_01_v400_SV30			Generic
Subset-076-6-3_3080400_01_v400_SV30			Generic
Subset-076-6-3_3080400_03_v400_SV30			Generic
Subset-076-6-3_3080400_05_v400_SV30			Generic
Subset-076-6-3_3080400_06_v400_SV30			Generic
Subset-076-6-3_3080400_07_v400_SV30			Generic
Subset-076-6-3_3080400_08_v400_SV30			Generic
Subset-076-6-3_3080400_09_v400_SV30			Generic
Subset-076-6-3_3080400_10_v400_SV30			Generic
Subset-076-6-3_3080400_12_v400_SV30			Generic
Subset-076-6-3_3080400_13_v400_SV30			Generic
Subset-076-6-3_3080400_14_v400_SV30			Generic
Subset-076-6-3_3080500_01_v400_SV30			Generic
Subset-076-6-3_3080500_03_v400_SV30			Generic
Subset-076-6-3_3090200_01_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_3090200_02_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_3090200_04_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_3090300_01_v400_SV30	RIU		Generic
Subset-076-6-3_3090300_02_v400_SV30	RIU		Generic

ERA ERTMS UNIT

SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_3090300_03_v400_SV30	RIU		Generic
Subset-076-6-3_3090300_04_v400_SV30	RIU		Generic
Subset-076-6-3_3090300_05_v400_SV30	RIU		Generic
Subset-076-6-3_3090300_06_v400_SV30	RIU		Generic
Subset-076-6-3_3090300_07_v400_SV30	RIU		Generic
Subset-076-6-3_3090300_08_v400_SV30	RIU		Generic
Subset-076-6-3_3090300_09_v400_SV30	RIU		Generic
Subset-076-6-3_3090300_10_v400_SV30	RIU		Generic
Subset-076-6-3_3090300_11_v400_SV30	RIU		Generic
Subset-076-6-3_3090300_12_v400_SV30	RIU		Generic
Subset-076-6-3_3100200_01_v400_SV30			Generic
Subset-076-6-3_3110200_01_v400_SV30			Generic
Subset-076-6-3_3110200_02_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_3110200_03_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic
Subset-076-6-3_3110300_01_v400_SV30			Generic
Subset-076-6-3_3110300_02_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_3110300_03_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_3110400_01_v400_SV30			Generic
Subset-076-6-3_3110400_02_v400_SV30			Generic

ERA ERTMS UNIT

SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_3110500_01_v400_SV30			Generic
Subset-076-6-3_3110500_02_v400_SV30			Generic
Subset-076-6-3_3110500_03_v400_SV30			Generic
Subset-076-6-3_3110600_01_v400_SV30			Generic
Subset-076-6-3_3110600_02_v400_SV30	RIU		Generic
Subset-076-6-3_3110600_03_v400_SV30			Generic
Subset-076-6-3_3110600_04_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_3110700_01_v400_SV30			Generic
Subset-076-6-3_3110800_01_v400_SV30			Generic
Subset-076-6-3_3110800_02_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_3111100_01_v400_SV30			Gamma 1
Subset-076-6-3_3111100_02_v400_SV30			Lambda 1
Subset-076-6-3_3111100_03_v400_SV30			Gamma 1
Subset-076-6-3_3111100_04_v400_SV30			Lambda 1
Subset-076-6-3_3111100_05_v400_SV30			Gamma 1
Subset-076-6-3_3111100_06_v400_SV30			Gamma 1
Subset-076-6-3_3111200_01_v400_SV30			Generic
Subset-076-6-3_3120200_01_v400_SV30			Generic
Subset-076-6-3_3120200_04_v400_SV30			Generic
Subset-076-6-3_3120200_05_v400_SV30			Generic
Subset-076-6-3_3120200_06_v400_SV30			Generic without traction system
Subset-076-6-3_3120200_07_v400_SV30			Generic
Subset-076-6-3_3120300_01_v400_SV30			Generic
Subset-076-6-3_3120300_02_v400_SV30			Generic
Subset-076-6-3_3120300_03_v400_SV30			Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_3120300_04_v400_SV30			Generic
Subset-076-6-3_3120300_05_v400_SV30			Generic
Subset-076-6-3_3120300_06_v400_SV30			Generic
Subset-076-6-3_3120300_07_v400_SV30			Generic
Subset-076-6-3_3120300_08_v400_SV30			Generic
Subset-076-6-3_3120300_09_v400_SV30			Generic
Subset-076-6-3_3120400_01_v400_SV30			Generic
Subset-076-6-3_3120400_02_v400_SV30			Generic
Subset-076-6-3_3120400_03_v400_SV30			Generic
Subset-076-6-3_3120400_04_v400_SV30			Generic
Subset-076-6-3_3120400_05_v400_SV30			Generic
Subset-076-6-3_3120400_06_v400_SV30			Generic
Subset-076-6-3_3120400_07_v400_SV30			Generic
Subset-076-6-3_3120400_08_v400_SV30			Generic
Subset-076-6-3_3130232_01_v400_SV30			Gamma 1
Subset-076-6-3_3130232_02_v400_SV30			Lambda 1
Subset-076-6-3_3130232_03_v400_SV30			Gamma 1
Subset-076-6-3_3130232_04_v400_SV30			Lambda 1
Subset-076-6-3_3130232_05_v400_SV30			Gamma 1
Subset-076-6-3_3130232_06_v400_SV30			Lambda 1
Subset-076-6-3_3130232_07_v400_SV30			Gamma 1
Subset-076-6-3_3130232_08_v400_SV30			Lambda 1
Subset-076-6-3_3130232_09_v400_SV30			Gamma 1
Subset-076-6-3_3130232_10_v400_SV30			Lambda 1
Subset-076-6-3_3130232_11_v400_SV30			Gamma 1
Subset-076-6-3_3130232_12_v400_SV30			Lambda 1
Subset-076-6-3_3130232_13_v400_SV30			Gamma 1

ERA ERTMS UNIT

SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_3130232_14_v400_SV30			Lambda 1
Subset-076-6-3_3130232_15_v400_SV30			Gamma 1
Subset-076-6-3_3130232_16_v400_SV30			Lambda 1
Subset-076-6-3_3130232_17_v400_SV30			Gamma 1
Subset-076-6-3_3130232_18_v400_SV30			Lambda 1
Subset-076-6-3_3130233_01_v400_SV30			Gamma 1
Subset-076-6-3_3130233_02_v400_SV30			Lambda 1
Subset-076-6-3_3130233_03_v400_SV30			Gamma 2
Subset-076-6-3_3130233_04_v400_SV30			Gamma 1
Subset-076-6-3_3130233_05_v400_SV30			Gamma 1
Subset-076-6-3_3130233_06_v400_SV30			Gamma 2
Subset-076-6-3_3130234_01_v400_SV30			Gamma 2
Subset-076-6-3_3130234_02_v400_SV30			Gamma 1
Subset-076-6-3_3130234_03_v400_SV30			Gamma 1
Subset-076-6-3_3130234_04_v400_SV30			Gamma 1
Subset-076-6-3_3130234_05_v400_SV30			Gamma 2
Subset-076-6-3_3130234_06_v400_SV30			Gamma 1
Subset-076-6-3_3130234_07_v400_SV30			Lambda 4
Subset-076-6-3_3130234_08_v400_SV30			Gamma 1
Subset-076-6-3_3130234_10_v400_SV30			Gamma 1
Subset-076-6-3_3130235_01_v400_SV30			Gamma 1
Subset-076-6-3_3130235_02_v400_SV30			Lambda 1
Subset-076-6-3_3130235_03_v400_SV30			Gamma 1
Subset-076-6-3_3130235_04_v400_SV30			Lambda 1
Subset-076-6-3_3130235_05_v400_SV30			Gamma 2
Subset-076-6-3_3130237_01_v400_SV30			Gamma 1
Subset-076-6-3_3130237_02_v400_SV30			Gamma 1

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_3130237_03_v400_SV30			Gamma 1
Subset-076-6-3_3130237_04_v400_SV30			Gamma 1
Subset-076-6-3_3130237_05_v400_SV30			Lambda 3
Subset-076-6-3_3130237_06_v400_SV30			Lambda 1
Subset-076-6-3_3130237_07_v400_SV30			Lambda 1
Subset-076-6-3_3130237_08_v400_SV30			Lambda 1
Subset-076-6-3_3130237_09_v400_SV30			Lambda 1
Subset-076-6-3_3130237_10_v400_SV30			Gamma 1
Subset-076-6-3_3130237_11_v400_SV30			Lambda 1
Subset-076-6-3_3130237_12_v400_SV30			Lambda 1
Subset-076-6-3_3130237_13_v400_SV30			Lambda 1
Subset-076-6-3_3130237_14_v400_SV30			Gamma 1
Subset-076-6-3_3130237_15_v400_SV30			Lambda 1
Subset-076-6-3_3130237_16_v400_SV30			Gamma 1
Subset-076-6-3_3130237_17_v400_SV30			Lambda 1
Subset-076-6-3_3130237_18_v400_SV30			Gamma 1
Subset-076-6-3_3130237_19_v400_SV30			Lambda 1
Subset-076-6-3_3130700_01_v400_SV30			Gamma 1
Subset-076-6-3_3130700_02_v400_SV30			Lambda 1
Subset-076-6-3_3130700_03_v400_SV30			Gamma 1
Subset-076-6-3_3130700_04_v400_SV30			Lambda 1
Subset-076-6-3_3130700_05_v400_SV30			Gamma 1
Subset-076-6-3_3130700_06_v400_SV30			Lambda 1
Subset-076-6-3_3130700_07_v400_SV30			Gamma 1
Subset-076-6-3_3130700_08_v400_SV30			Lambda 1
Subset-076-6-3_3130700_09_v400_SV30			Generic
Subset-076-6-3_3130810_01_v400_SV30			Gamma 1

ERA ERTMS UNIT

SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_3130810_02_v400_SV30			Lambda 1
Subset-076-6-3_3131020_01_v400_SV30			Gamma 1
Subset-076-6-3_3131020_02_v400_SV30			Lambda 1
Subset-076-6-3_3131020_03_v400_SV30			Gamma 1
Subset-076-6-3_3131020_04_v400_SV30			Lambda 1
Subset-076-6-3_3131020_05_v400_SV30			Gamma 2
Subset-076-6-3_3131030_01_v400_SV30			Gamma 1
Subset-076-6-3_3131030_02_v400_SV30			Lambda 1
Subset-076-6-3_3131030_03_v400_SV30			Gamma 1
Subset-076-6-3_3131030_04_v400_SV30			Lambda 1
Subset-076-6-3_3131030_05_v400_SV30			Gamma 1
Subset-076-6-3_3131030_06_v400_SV30			Lambda 1
Subset-076-6-3_3131030_07_v400_SV30			Gamma 1
Subset-076-6-3_3131030_08_v400_SV30			Lambda 1
Subset-076-6-3_3131030_09_v400_SV30			Gamma 1
Subset-076-6-3_3131030_10_v400_SV30			Lambda 1
Subset-076-6-3_3131030_11_v400_SV30			Gamma 1
Subset-076-6-3_3131030_12_v400_SV30			Lambda 1
Subset-076-6-3_3131030_13_v400_SV30			Gamma 1
Subset-076-6-3_3131030_14_v400_SV30			Lambda 1
Subset-076-6-3_3131030_15_v400_SV30			Gamma 1
Subset-076-6-3_3131030_16_v400_SV30			Lambda 1
Subset-076-6-3_3131030_17_v400_SV30			Gamma 1
Subset-076-6-3_3131030_18_v400_SV30			Lambda 1
Subset-076-6-3_3131030_19_v400_SV30			Gamma 2
Subset-076-6-3_3131030_20_v400_SV30			Gamma 1
Subset-076-6-3_3131030_21_v400_SV30			Lambda 1

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_3131030_22_v400_SV30			Gamma 2
Subset-076-6-3_3131030_23_v400_SV30			Gamma 1
Subset-076-6-3_3131030_24_v400_SV30			Lambda 1
Subset-076-6-3_3131030_25_v400_SV30			Gamma 1
Subset-076-6-3_3131030_26_v400_SV30			Lambda 1
Subset-076-6-3_3131030_27_v400_SV30			Gamma 1
Subset-076-6-3_3131030_28_v400_SV30			Lambda 1
Subset-076-6-3_3131040_01_v400_SV30			Gamma 1
Subset-076-6-3_3131040_02_v400_SV30			lambda 1
Subset-076-6-3_3131040_03_v400_SV30			Gamma 1
Subset-076-6-3_3131040_04_v400_SV30			Lambda 1
Subset-076-6-3_3131040_05_v400_SV30			Gamma 1
Subset-076-6-3_3131040_06_v400_SV30			Lambda 1
Subset-076-6-3_3131040_07_v400_SV30			Gamma 1
Subset-076-6-3_3131040_08_v400_SV30			Lambda 1
Subset-076-6-3_3131040_09_v400_SV30			Gamma 1
Subset-076-6-3_3131040_10_v400_SV30			Lambda 1
Subset-076-6-3_3131040_11_v400_SV30			Gamma 1
Subset-076-6-3_3131040_12_v400_SV30			Lambda 1
Subset-076-6-3_3131040_13_v400_SV30			Gamma 1
Subset-076-6-3_3131040_14_v400_SV30			Lambda 1
Subset-076-6-3_3131040_15_v400_SV30			Gamma 1
Subset-076-6-3_3131040_16_v400_SV30			Lambda 1
Subset-076-6-3_3131040_17_v400_SV30			Gamma 1
Subset-076-6-3_3131040_18_v400_SV30			Lambda 1
Subset-076-6-3_3131040_19_v400_SV30			Gamma 1
Subset-076-6-3_3131040_20_v400_SV30			Lambda 1

ERA ERTMS UNIT

SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_3131040_21_v400_SV30			Gamma 1
Subset-076-6-3_3131040_22_v400_SV30			Lambda 1
Subset-076-6-3_3131040_23_v400_SV30			Gamma 1
Subset-076-6-3_3131040_24_v400_SV30			Lambda 1
Subset-076-6-3_3131040_25_v400_SV30			Gamma 1
Subset-076-6-3_3131040_26_v400_SV30			Lambda 1
Subset-076-6-3_3131040_27_v400_SV30			Gamma 1
Subset-076-6-3_3131040_28_v400_SV30			Lambda 1
Subset-076-6-3_3131040_29_v400_SV30			Gamma 1
Subset-076-6-3_3131040_30_v400_SV30			Lambda 1
Subset-076-6-3_3131040_31_v400_SV30			Gamma 1
Subset-076-6-3_3131040_32_v400_SV30			Lambda 1
Subset-076-6-3_3131040_33_v400_SV30			Gamma 1
Subset-076-6-3_3131040_34_v400_SV30			Lambda 1
Subset-076-6-3_3131040_35_v400_SV30			Gamma 1
Subset-076-6-3_3131040_36_v400_SV30			Lambda 1
Subset-076-6-3_3131040_37_v400_SV30			Gamma 1
Subset-076-6-3_3131040_38_v400_SV30			Lambda 1
Subset-076-6-3_3131040_39_v400_SV30			Gamma 1
Subset-076-6-3_3131040_40_v400_SV30			Lambda 1
Subset-076-6-3_3131040_41_v400_SV30			Gamma 1
Subset-076-6-3_3131040_42_v400_SV30			Lambda 1
Subset-076-6-3_3131040_43_v400_SV30			Gamma 1
Subset-076-6-3_3131040_44_v400_SV30			Lambda 1
Subset-076-6-3_3131040_45_v400_SV30			Gamma 1
Subset-076-6-3_3131040_46_v400_SV30			Lambda 1
Subset-076-6-3_3131040_47_v400_SV30			Gamma 1

ERA ERTMS UNIT

SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_3131040_48_v400_SV30			Lambda 1
Subset-076-6-3_3131040_49_v400_SV30			Gamma 1
Subset-076-6-3_3131040_50_v400_SV30			Lambda 1
Subset-076-6-3_3131040_51_v400_SV30			Gamma 1
Subset-076-6-3_3131040_52_v400_SV30			Lambda 1
Subset-076-6-3_3131040_53_v400_SV30			Gamma 1
Subset-076-6-3_3131040_54_v400_SV30			Lambda 1
Subset-076-6-3_3131040_55_v400_SV30			Gamma 1
Subset-076-6-3_3131040_56_v400_SV30			Lambda 1
Subset-076-6-3_3131040_57_v400_SV30			Gamma 1
Subset-076-6-3_3131040_58_v400_SV30			Lambda 1
Subset-076-6-3_3131040_59_v400_SV30			Gamma 1
Subset-076-6-3_3131040_60_v400_SV30			Lambda 1
Subset-076-6-3_3131040_61_v400_SV30			Gamma 1
Subset-076-6-3_3131040_62_v400_SV30			Lambda 1
Subset-076-6-3_3131040_63_v400_SV30			Gamma 1
Subset-076-6-3_3131040_64_v400_SV30			Lambda 1
Subset-076-6-3_3131040_65_v400_SV30			Gamma 1
Subset-076-6-3_3131040_66_v400_SV30			Lambda 1
Subset-076-6-3_3131040_67_v400_SV30			Gamma 1
Subset-076-6-3_3131040_68_v400_SV30			Lambda 1
Subset-076-6-3_3131040_69_v400_SV30			Gamma 1
Subset-076-6-3_3131040_70_v400_SV30			Lambda 1
Subset-076-6-3_3131040_71_v400_SV30			Gamma 1
Subset-076-6-3_3131040_72_v400_SV30			Lambda 1
Subset-076-6-3_3131040_73_v400_SV30			Gamma 1
Subset-076-6-3_3131040_74_v400_SV30			Lambda 1

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_3131040_75_v400_SV30			Gamma 1
Subset-076-6-3_3131040_76_v400_SV30			Lambda 1
Subset-076-6-3_3131040_77_v400_SV30			Gamma 1
Subset-076-6-3_3131040_78_v400_SV30			Lambda 1
Subset-076-6-3_3131040_79_v400_SV30			Gamma 1
Subset-076-6-3_3131040_80_v400_SV30			Lambda 1
Subset-076-6-3_3131040_81_v400_SV30			Gamma 1
Subset-076-6-3_3131040_82_v400_SV30			Gamma 2
Subset-076-6-3_3131040_83_v400_SV30			Gamma 1
Subset-076-6-3_3131040_84_v400_SV30			Lambda 1
Subset-076-6-3_3131040_85_v400_SV30			Gamma 2
Subset-076-6-3_3131040_86_v400_SV30			Lambda 2
Subset-076-6-3_3131040_87_v400_SV30			Gamma 1
Subset-076-6-3_3131040_88_v400_SV30			Lambda 1
Subset-076-6-3_3131040_89_v400_SV30			Gamma 1
Subset-076-6-3_3131040_90_v400_SV30			Lambda 1
Subset-076-6-3_3131040_91_v400_SV30			Gamma 1
Subset-076-6-3_3131040_92_v400_SV30			Gamma 1
Subset-076-6-3_3131040_93_v400_SV30			Gamma 1
Subset-076-6-3_3131040_94_v400_SV30			Gamma 1
Subset-076-6-3_3131040_95_v400_SV30			Gamma 1
Subset-076-6-3_3131040_96_v400_SV30			Gamma 2
Subset-076-6-3_3131040_97_v400_SV30			Lambda 1
Subset-076-6-3_3131040_98_v400_SV30			Lambda 1
Subset-076-6-3_3131040_99_v400_SV30			Gamma 1
Subset-076-6-3_3131050_01_v400_SV30			Gamma 1
Subset-076-6-3_3131050_02_v400_SV30			Lambda 1

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_3131050_03_v400_SV30			Gamma 1
Subset-076-6-3_3131050_04_v400_SV30			Lambda 1
Subset-076-6-3_3131050_05_v400_SV30			Gamma 1
Subset-076-6-3_3131050_06_v400_SV30			Lambda 1
Subset-076-6-3_3131050_07_v400_SV30			Gamma 1
Subset-076-6-3_3131050_08_v400_SV30			Lambda 1
Subset-076-6-3_3131050_09_v400_SV30			Gamma 1
Subset-076-6-3_3131050_10_v400_SV30			Lambda 1
Subset-076-6-3_3131050_11_v400_SV30			Gamma 1
Subset-076-6-3_3131050_12_v400_SV30			Lambda 1
Subset-076-6-3_3131050_13_v400_SV30			Gamma 1
Subset-076-6-3_3131050_14_v400_SV30			Lambda 1
Subset-076-6-3_3131050_15_v400_SV30			Gamma 1
Subset-076-6-3_3131050_16_v400_SV30			Lambda 1
Subset-076-6-3_3131050_17_v400_SV30			Gamma 1
Subset-076-6-3_3131050_18_v400_SV30			Lambda 1
Subset-076-6-3_3131050_19_v400_SV30			Gamma 1
Subset-076-6-3_3131050_20_v400_SV30			Lambda 1
Subset-076-6-3_3131050_21_v400_SV30			Gamma 1
Subset-076-6-3_3131050_22_v400_SV30			Lambda 1
Subset-076-6-3_3131050_23_v400_SV30			Gamma 1
Subset-076-6-3_3131050_24_v400_SV30			Lambda 1
Subset-076-6-3_3131060_01_v400_SV30			Gamma 1
Subset-076-6-3_3131060_02_v400_SV30			Lambda 1
Subset-076-6-3_3131060_03_v400_SV30			Gamma 1
Subset-076-6-3_3131060_04_v400_SV30			Lambda 1
Subset-076-6-3_3131060_05_v400_SV30			Gamma 1

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_3131060_06_v400_SV30			Lambda 1
Subset-076-6-3_3131060_07_v400_SV30			Gamma 1
Subset-076-6-3_3131060_08_v400_SV30			Lambda 1
Subset-076-6-3_3131060_09_v400_SV30			Gamma 1
Subset-076-6-3_3131060_10_v400_SV30			Lambda 1
Subset-076-6-3_3131060_11_v400_SV30			Gamma 1
Subset-076-6-3_3131060_12_v400_SV30			Lambda 1
Subset-076-6-3_3131060_13_v400_SV30			Gamma 1
Subset-076-6-3_3131060_14_v400_SV30			Lambda 1
Subset-076-6-3_3131060_15_v400_SV30			Gamma 1
Subset-076-6-3_3131060_16_v400_SV30			Lambda 1
Subset-076-6-3_3131060_17_v400_SV30			Gamma 1
Subset-076-6-3_3131060_18_v400_SV30			Lambda 1
Subset-076-6-3_3131060_19_v400_SV30			Gamma 1
Subset-076-6-3_3131060_20_v400_SV30			Lambda 1
Subset-076-6-3_3131100_01_v400_SV30			Gamma 1
Subset-076-6-3_3131100_02_v400_SV30			Lambda 1
Subset-076-6-3_3131100_03_v400_SV30			Gamma 1
Subset-076-6-3_3131100_04_v400_SV30			Lambda 1
Subset-076-6-3_3131100_05_v400_SV30			Gamma 1
Subset-076-6-3_3131100_06_v400_SV30			Lambda 1
Subset-076-6-3_3131100_07_v400_SV30			Lambda 1
Subset-076-6-3_3131100_08_v400_SV30			Gamma 1
Subset-076-6-3_3131100_09_v400_SV30			Gamma 1
Subset-076-6-3_3131100_10_v400_SV30			Gamma 1
Subset-076-6-3_3131100_11_v400_SV30			Gamma 1
Subset-076-6-3_3140100_02_v400_SV30			Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_3140100_03_v400_SV30			Generic
Subset-076-6-3_3140100_04_v400_SV30			Generic
Subset-076-6-3_3140100_05_v400_SV30			Generic
Subset-076-6-3_3140300_01_v400_SV30			Generic
Subset-076-6-3_3140300_02_v400_SV30			Generic
Subset-076-6-3_3140300_03_v400_SV30			Generic
Subset-076-6-3_3150100_01_v400_SV30			Generic
Subset-076-6-3_3150100_02_v400_SV30			Generic
Subset-076-6-3_3150100_03_v400_SV30			Generic
Subset-076-6-3_3150100_04_v400_SV30			Generic
Subset-076-6-3_3150100_05_v400_SV30			Generic
Subset-076-6-3_3150100_06_v400_SV30			Generic
Subset-076-6-3_3150100_07_v400_SV30			Generic
Subset-076-6-3_3150100_08_v400_SV30			Generic
Subset-076-6-3_3150100_09_v400_SV30			Generic
Subset-076-6-3_3150100_10_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic
Subset-076-6-3_3150100_11_v400_SV30			Generic
Subset-076-6-3_3150400_01_v400_SV30			Generic
Subset-076-6-3_3150400_02_v400_SV30			Generic
Subset-076-6-3_3150700_01_v400_SV30			Generic
Subset-076-6-3_3150800_01_v400_SV30			Generic
Subset-076-6-3_3150800_02_v400_SV30			Generic
Subset-076-6-3_3150800_03_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_3150800_04_v400_SV30			Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_3150800_05_v400_SV30			Generic
Subset-076-6-3_3150900_01_v400_SV30			Generic
Subset-076-6-3_3150900_02_v400_SV30			Generic
Subset-076-6-3_3150900_03_v400_SV30			Generic
Subset-076-6-3_3160200_02_v400_SV30			Generic
Subset-076-6-3_3160200_03_v400_SV30			Generic
Subset-076-6-3_3160200_04_v400_SV30			Generic
Subset-076-6-3_3160200_05_v400_SV30			Generic
Subset-076-6-3_3160200_06_v400_SV30			Generic
Subset-076-6-3_3160200_07_v400_SV30			Generic
Subset-076-6-3_3160200_08_v400_SV30			Generic
Subset-076-6-3_3160200_09_v400_SV30			Generic
Subset-076-6-3_3160200_10_v400_SV30			Generic
Subset-076-6-3_3160200_11_v400_SV30			Generic
Subset-076-6-3_3160200_12_v400_SV30			Generic
Subset-076-6-3_3160200_13_v400_SV30			Generic
Subset-076-6-3_3160200_14_v400_SV30			Generic
Subset-076-6-3_3160200_15_v400_SV30			Generic
Subset-076-6-3_3160200_16_v400_SV30			Generic
Subset-076-6-3_3160200_17_v400_SV30			Generic
Subset-076-6-3_3160200_18_v400_SV30			Generic
Subset-076-6-3_3160200_19_v400_SV30			Generic
Subset-076-6-3_3160200_20_v400_SV30			Generic
Subset-076-6-3_3160200_21_v400_SV30			Generic
Subset-076-6-3_3160200_22_v400_SV30			Generic
Subset-076-6-3_3160200_23_v400_SV30			Generic
Subset-076-6-3_3160200_24_v400_SV30			Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_3160200_25_v400_SV30			Generic
Subset-076-6-3_3160200_26_v400_SV30			Generic
Subset-076-6-3_3160200_27_v400_SV30			Generic
Subset-076-6-3_3160200_30_v400_SV30			Generic
Subset-076-6-3_3160200_31_v400_SV30			Generic
Subset-076-6-3_3160200_32_v400_SV30			Generic
Subset-076-6-3_3160200_33_v400_SV30			Generic
Subset-076-6-3_3160200_34_v400_SV30			Generic
Subset-076-6-3_3160300_01_v400_SV30			Generic
Subset-076-6-3_3160300_02_v400_SV30	RIU		Generic
Subset-076-6-3_3160400_01_v400_SV30			Generic
Subset-076-6-3_3160400_02_v400_SV30			Generic
Subset-076-6-3_3170200_01_v400_SV30			Generic
Subset-076-6-3_3170200_02_v400_SV30			Generic
Subset-076-6-3_3170200_03_v400_SV30			Generic
Subset-076-6-3_3170200_04_v400_SV30			Generic
Subset-076-6-3_3170200_05_v400_SV30			Generic
Subset-076-6-3_3170200_06_v400_SV30			Generic
Subset-076-6-3_3170200_07_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_3170200_08_v400_SV30			Generic
Subset-076-6-3_3170200_09_v400_SV30	RIU		Generic
Subset-076-6-3_3170200_10_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic
Subset-076-6-3_3170200_11_v400_SV30			Generic with Safe consist length information

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_3170300_02_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_3170300_03_v400_SV30			Generic
Subset-076-6-3_3170300_04_v400_SV30			Generic
Subset-076-6-3_3170300_05_v400_SV30			Generic
Subset-076-6-3_3170300_06_v400_SV30			Generic
Subset-076-6-3_3170300_07_v400_SV30			Generic
Subset-076-6-3_3180200_01_v400_SV30			Generic
Subset-076-6-3_3180300_01_v400_SV30			Generic
Subset-076-6-3_3180300_02_v400_SV30			Generic
Subset-076-6-3_3180400_01_v400_SV30			Generic
Subset-076-6-3_3180400_02_v400_SV30			Generic
Subset-076-6-3_3180400_03_v400_SV30		FRMCS+GSM-R	Generic
Subset-076-6-3_3180400_04_v400_SV30			Generic
Subset-076-6-3_3180400_05_v400_SV30			Generic
Subset-076-6-3_3180600_01_v400_SV30			Generic
Subset-076-6-3_4040600_01_v400_SV30			Generic
Subset-076-6-3_4040600_02_v400_SV30			Generic
Subset-076-6-3_4040600_03_v400_SV30			Generic
Subset-076-6-3_4040700_01_v400_SV30			Generic
Subset-076-6-3_4040800_01_v400_SV30			Generic
Subset-076-6-3_4040800_02_v400_SV30			Generic
Subset-076-6-3_4040800_03_v400_SV30			Generic
Subset-076-6-3_4040800_04_v400_SV30			Generic
Subset-076-6-3_4040800_05_v400_SV30			Generic
Subset-076-6-3_4041100_02_v400_SV30			Generic
Subset-076-6-3_4041100_05_v400_SV30			Generic
Subset-076-6-3_4041100_06_v400_SV30			Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_4041100_07_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_4041100_08_v400_SV30			Generic
Subset-076-6-3_4041100_09_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_4041300_01_v400_SV30			Generic
Subset-076-6-3_4041400_01_v400_SV30			Generic
Subset-076-6-3_4041400_02_v400_SV30			Generic
Subset-076-6-3_4041500_01_v400_SV30			Generic
Subset-076-6-3_4041600_01_v400_SV30			Generic
Subset-076-6-3_4041600_02_v400_SV30			Generic
Subset-076-6-3_4041600_03_v400_SV30			Generic
Subset-076-6-3_4041600_04_v400_SV30			Generic
Subset-076-6-3_4041600_05_v400_SV30			Generic
Subset-076-6-3_4041600_06_v400_SV30			Generic
Subset-076-6-3_4041600_07_v400_SV30			Generic
Subset-076-6-3_4041600_08_v400_SV30			Generic
Subset-076-6-3_4041600_09_v400_SV30			Generic
Subset-076-6-3_4041600_10_v400_SV30			Generic
Subset-076-6-3_4041600_11_v400_SV30			Generic
Subset-076-6-3_4041600_12_v400_SV30			Generic
Subset-076-6-3_4041600_13_v400_SV30			Generic
Subset-076-6-3_4041600_14_v400_SV30			Generic
Subset-076-6-3_4041600_15_v400_SV30			Generic
Subset-076-6-3_4041600_16_v400_SV30			Generic
Subset-076-6-3_4041600_17_v400_SV30			Generic
Subset-076-6-3_4041600_18_v400_SV30			Generic
Subset-076-6-3_4041600_19_v400_SV30			Generic
Subset-076-6-3_4041600_20_v400_SV30			Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_4041600_21_v400_SV30			Generic
Subset-076-6-3_4041600_22_v400_SV30			Generic
Subset-076-6-3_4041800_01_v400_SV30			Generic
Subset-076-6-3_4041800_02_v400_SV30			Generic
Subset-076-6-3_4041800_03_v400_SV30			Generic
Subset-076-6-3_4041800_04_v400_SV30			Generic
Subset-076-6-3_4041800_05_v400_SV30			Generic
Subset-076-6-3_4042000_02_v400_SV30			Generic
Subset-076-6-3_4042000_03_v400_SV30			Generic
Subset-076-6-3_4050200_01_v400_SV30			Generic
Subset-076-6-3_4050200_02_v400_SV30			Generic
Subset-076-6-3_4050200_03_v400_SV30			Generic
Subset-076-6-3_4050200_04_v400_SV30			Generic
Subset-076-6-3_4050200_05_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic
Subset-076-6-3_4050200_07_v400_SV30			Generic
Subset-076-6-3_4050200_08_v400_SV30			Generic
Subset-076-6-3_4050200_09_v400_SV30			Generic
Subset-076-6-3_4050200_10_v400_SV30			Generic
Subset-076-6-3_4050200_11_v400_SV30			Generic
Subset-076-6-3_4050200_12_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_4060300_01_v400_SV30			Generic
Subset-076-6-3_4060300_02_v400_SV30			Generic
Subset-076-6-3_4060300_03_v400_SV30			Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_4060300_04_v400_SV30			Generic
Subset-076-6-3_4060300_05_v400_SV30			Generic
Subset-076-6-3_4060300_06_v400_SV30			Generic
Subset-076-6-3_4060300_07_v400_SV30	STM		Generic
Subset-076-6-3_4060300_08_v400_SV30			Generic
Subset-076-6-3_4060300_09_v400_SV30			Generic
Subset-076-6-3_4060300_10_v400_SV30			Generic
Subset-076-6-3_4060300_11_v400_SV30			Generic
Subset-076-6-3_4060300_12_v400_SV30			Generic
Subset-076-6-3_4060300_13_v400_SV30			Generic
Subset-076-6-3_4060300_14_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic
Subset-076-6-3_4070200_01_v400_SV30			Generic
Subset-076-6-3_4070201_01_v400_SV30			Generic
Subset-076-6-3_4070201_02_v400_SV30	Train Data acquired from ERTMS/ETCS external sources		Generic
Subset-076-6-3_4070201_03_v400_SV30			Generic
Subset-076-6-3_4070201_04_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_4070201_05_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_4080100_01_v400_SV30			Generic
Subset-076-6-3_4080100_02_v400_SV30			Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_4080100_03_v400_SV30			Generic
Subset-076-6-3_4080100_04_v400_SV30			Generic
Subset-076-6-3_4080100_05_v400_SV30			Generic
Subset-076-6-3_4080100_06_v400_SV30			Generic
Subset-076-6-3_4080300_01_v400_SV30	RIU		Generic
Subset-076-6-3_4080300_02_v400_SV30			Generic
Subset-076-6-3_4080300_03_v400_SV30			Generic
Subset-076-6-3_4080300_04_v400_SV30			Generic
Subset-076-6-3_4080300_05_v400_SV30			Generic
Subset-076-6-3_4080300_06_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_4080300_07_v400_SV30			Generic
Subset-076-6-3_4080300_08_v400_SV30			Generic
Subset-076-6-3_4080300_09_v400_SV30			Generic
Subset-076-6-3_4080300_10_v400_SV30			Generic
Subset-076-6-3_4080300_11_v400_SV30	STM		Generic
Subset-076-6-3_4080300_12_v400_SV30	STM		Generic
Subset-076-6-3_4080300_13_v400_SV30			Generic
Subset-076-6-3_4080300_14_v400_SV30			Generic
Subset-076-6-3_4080300_15_v400_SV30			Generic
Subset-076-6-3_4080300_16_v400_SV30			Generic
Subset-076-6-3_4080300_17_v400_SV30			Generic
Subset-076-6-3_4080300_18_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_4080300_19_v400_SV30			Generic with Safe consist length information

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_4080300_20_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_4080300_21_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic
Subset-076-6-3_4080300_22_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic
Subset-076-6-3_4080402_01_v400_SV30			Generic
Subset-076-6-3_4080403_01_v400_SV30			Generic
Subset-076-6-3_4080403_02_v400_SV30	STM		Generic
Subset-076-6-3_4080404_01_v400_SV30			Generic
Subset-076-6-3_4080404_02_v400_SV30	RIU		Generic
Subset-076-6-3_4080405_01_v400_SV30			Generic
Subset-076-6-3_4080406_01_v400_SV30			Generic
Subset-076-6-3_4080406_02_v400_SV30	RIU		Generic
Subset-076-6-3_4080407_01_v400_SV30			Generic
Subset-076-6-3_4080408_01_v400_SV30			Generic
Subset-076-6-3_4080409_01_v400_SV30			Generic
Subset-076-6-3_4080410_01_v400_SV30			Generic
Subset-076-6-3_4080410_02_v400_SV30			Generic
Subset-076-6-3_4080410_03_v400_SV30	STM		Generic
Subset-076-6-3_4080413_01_v400_SV30			Generic
Subset-076-6-3_4080413_02_v400_SV30			Generic
Subset-076-6-3_4080414_01_v400_SV30			Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_4080414_02_v400_SV30	STM		Generic
Subset-076-6-3_4080415_01_v400_SV30			Generic
Subset-076-6-3_4080415_02_v400_SV30	STM		Generic
Subset-076-6-3_4080415_03_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_4080416_01_v400_SV30			Generic
Subset-076-6-3_4080416_02_v400_SV30	RIU		Generic
Subset-076-6-3_4080417_01_v400_SV30			Generic
Subset-076-6-3_4080418_01_v400_SV30			Generic
Subset-076-6-3_4080418_03_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_4080418_04_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic with Safe consist length information
Subset-076-6-3_4080419_01_v400_SV30			Generic
Subset-076-6-3_4080419_02_v400_SV30	STM		Generic
Subset-076-6-3_4080420_01_v400_SV30			Generic
Subset-076-6-3_4080420_02_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_4080420_03_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic with Safe consist length information
Subset-076-6-3_4080421_01_v400_SV30			Generic
Subset-076-6-3_4080421_02_v400_SV30			Generic
Subset-076-6-3_4080421_03_v400_SV30			Generic
Subset-076-6-3_4080423_01_v400_SV30			Generic
Subset-076-6-3_4080424_01_v400_SV30			Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_4080424_02_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_4080425_01_v400_SV30			Generic
Subset-076-6-3_4080425_02_v400_SV30	RIU		Generic
Subset-076-6-3_4080425_03_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_4080425_04_v400_SV30			Generic
Subset-076-6-3_4080426_01_v400_SV30			Generic
Subset-076-6-3_4080427_01_v400_SV30			Generic
Subset-076-6-3_4080428_01_v400_SV30			Generic
Subset-076-6-3_4080428_02_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_4080429_01_v400_SV30	RIU		Generic
Subset-076-6-3_4080430_01_v400_SV30			Generic
Subset-076-6-3_4080430_02_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_4080431_01_v400_SV30			Generic
Subset-076-6-3_4080431_02_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic with Safe consist length information
Subset-076-6-3_4080432_01_v400_SV30			Generic
Subset-076-6-3_4080433_01_v400_SV30			Generic
Subset-076-6-3_4080434_01_v400_SV30			Generic
Subset-076-6-3_4080435_01_v400_SV30			Generic
Subset-076-6-3_4080436_01_v400_SV30			Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_4080436_02_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic with safe consist length information
Subset-076-6-3_4080436_03_v400_SV30			Generic
Subset-076-6-3_4080437_01_v400_SV30			Generic
Subset-076-6-3_4080438_01_v400_SV30			Generic
Subset-076-6-3_4080440_01_v400_SV30			Generic
Subset-076-6-3_4080440_02_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_4080440_03_v400_SV30	STM		Generic
Subset-076-6-3_4080440_04_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic with Safe consist length information
Subset-076-6-3_4080441_01_v400_SV30			Generic
Subset-076-6-3_4080441_02_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic with Safe consist length information
Subset-076-6-3_4080442_01_v400_SV30			Generic
Subset-076-6-3_4080443_01_v400_SV30			Generic
Subset-076-6-3_4080444_01_v400_SV30			Generic
Subset-076-6-3_4080444_02_v400_SV30			Generic with safe consist length information
Subset-076-6-3_4080444_03_v400_SV30			Generic
Subset-076-6-3_4080445_01_v400_SV30			Generic
Subset-076-6-3_4080445_02_v400_SV30			Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_4080445_03_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_4080445_04_v400_SV30	RIU		Generic
Subset-076-6-3_4080445_05_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic with Safe consist length information
Subset-076-6-3_4080446_01_v400_SV30			Generic
Subset-076-6-3_4080446_02_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_4080447_01_v400_SV30			Generic
Subset-076-6-3_4080450_01_v400_SV30			Generic
Subset-076-6-3_4080451_01_v400_SV30			Generic
Subset-076-6-3_4080453_01_v400_SV30			Generic
Subset-076-6-3_4080454_01_v400_SV30			Generic
Subset-076-6-3_4080454_02_v400_SV30			Generic
Subset-076-6-3_4080454_03_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_4080454_04_v400_SV30	RIU		Generic
Subset-076-6-3_4080454_05_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_4080455_01_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_4080455_02_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic with Safe consist length information

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_4080455_03_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_4080455_04_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_4080455_05_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_4080455_06_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_4080455_07_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_4080455_08_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_4080500_01_v400_SV30			Generic
Subset-076-6-3_4080500_02_v400_SV30			Generic
Subset-076-6-3_4080500_03_v400_SV30			Generic
Subset-076-6-3_4090100_01_v400_SV30			Generic
Subset-076-6-3_4100103_01_v400_SV30	RIU		Generic
Subset-076-6-3_4100103_02_v400_SV30			Generic
Subset-076-6-3_4100103_03_v400_SV30			Generic
Subset-076-6-3_4100103_04_v400_SV30			Generic
Subset-076-6-3_4100103_05_v400_SV30			Generic
Subset-076-6-3_4100103_06_v400_SV30			Generic
Subset-076-6-3_4100103_07_v400_SV30			Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_4100103_08_v400_SV30			Generic
Subset-076-6-3_4100103_09_v400_SV30			Generic
Subset-076-6-3_4100103_10_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_4100103_11_v400_SV30			Generic
Subset-076-6-3_4100103_12_v400_SV30			Generic
Subset-076-6-3_4100103_13_v400_SV30			Generic
Subset-076-6-3_4100103_14_v400_SV30			Generic
Subset-076-6-3_4100103_15_v400_SV30			Generic
Subset-076-6-3_4100103_16_v400_SV30			Generic
Subset-076-6-3_4100103_17_v400_SV30			Gamma 1
Subset-076-6-3_4100103_18_v400_SV30			Generic
Subset-076-6-3_4100103_19_v400_SV30			Generic
Subset-076-6-3_4100103_20_v400_SV30			Generic
Subset-076-6-3_4100103_21_v400_SV30			Generic
Subset-076-6-3_4100103_22_v400_SV30			Generic
Subset-076-6-3_4100103_23_v400_SV30			Generic
Subset-076-6-3_4100103_24_v400_SV30			Generic
Subset-076-6-3_4100103_25_v400_SV30			Generic
Subset-076-6-3_4100103_26_v400_SV30			Generic
Subset-076-6-3_4100103_27_v400_SV30			Generic
Subset-076-6-3_4100103_28_v400_SV30			Generic
Subset-076-6-3_4100103_29_v400_SV30			Generic
Subset-076-6-3_4100103_30_v400_SV30			Generic
Subset-076-6-3_4100103_31_v400_SV30			Generic
Subset-076-6-3_4100103_32_v400_SV30			Generic
Subset-076-6-3_4100103_33_v400_SV30			Generic
Subset-076-6-3_4100103_34_v400_SV30			Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_4100103_35_v400_SV30			Generic
Subset-076-6-3_4100103_36_v400_SV30			Generic
Subset-076-6-3_4100103_37_v400_SV30			Generic
Subset-076-6-3_4100103_38_v400_SV30			Generic
Subset-076-6-3_4100103_39_v400_SV30			Generic
Subset-076-6-3_4100103_40_v400_SV30			Generic
Subset-076-6-3_4100103_41_v400_SV30			Generic
Subset-076-6-3_4100103_42_v400_SV30			Generic
Subset-076-6-3_4100103_43_v400_SV30			Generic
Subset-076-6-3_4100103_44_v400_SV30			Generic
Subset-076-6-3_4100103_45_v400_SV30			Generic
Subset-076-6-3_4100103_46_v400_SV30			Generic
Subset-076-6-3_4100103_47_v400_SV30			Generic
Subset-076-6-3_4100103_48_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_4100103_49_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_4120100_01_v400_SV30			Generic
Subset-076-6-3_4120100_02_v400_SV30			Generic
Subset-076-6-3_4120100_03_v400_SV30			Generic
Subset-076-6-3_4120100_04_v400_SV30			Generic
Subset-076-6-3_4120100_05_v400_SV30			Generic
Subset-076-6-3_4120100_06_v400_SV30			Generic
Subset-076-6-3_4120100_07_v400_SV30			Generic
Subset-076-6-3_4120100_08_v400_SV30			Generic
Subset-076-6-3_4120100_09_v400_SV30			Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_4120100_10_v400_SV30			Generic
Subset-076-6-3_4120100_11_v400_SV30			Generic
Subset-076-6-3_4120100_12_v400_SV30	Train Data acquired from ERTMS/ETCS external sources		Generic
Subset-076-6-3_4120100_13_v400_SV30			Generic
Subset-076-6-3_4120100_14_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic
Subset-076-6-3_4120100_15_v400_SV30			Generic
Subset-076-6-3_4120100_16_v400_SV30			Generic
Subset-076-6-3_4120100_17_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_4120100_18_v400_SV30	STM		Generic
Subset-076-6-3_5030100_01_v400_SV30			Generic
Subset-076-6-3_5040300_01_v400_SV30			Generic
Subset-076-6-3_5040300_02_v400_SV30			Generic
Subset-076-6-3_5040300_03_v400_SV30			Generic
Subset-076-6-3_5040300_04_v400_SV30			Generic
Subset-076-6-3_5040300_05_v400_SV30			Generic
Subset-076-6-3_5040300_06_v400_SV30			Generic
Subset-076-6-3_5040300_07_v400_SV30			Generic
Subset-076-6-3_5040300_08_v400_SV30		FRMCS+GSM-R	Generic
Subset-076-6-3_5040300_09_v400_SV30			Generic
Subset-076-6-3_5040300_10_v400_SV30			Generic
Subset-076-6-3_5040300_11_v400_SV30		FRMCS+GSM-R	Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_5040300_12_v400_SV30			Generic
Subset-076-6-3_5040300_13_v400_SV30		FRMCS+GSM-R	Generic
Subset-076-6-3_5040300_14_v400_SV30			Generic
Subset-076-6-3_5040300_15_v400_SV30			Generic
Subset-076-6-3_5040300_16_v400_SV30			Generic
Subset-076-6-3_5040300_17_v400_SV30			Generic
Subset-076-6-3_5040300_18_v400_SV30			Generic
Subset-076-6-3_5040300_19_v400_SV30			Generic
Subset-076-6-3_5040300_20_v400_SV30			Generic
Subset-076-6-3_5040300_21_v400_SV30			Generic
Subset-076-6-3_5040300_22_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_5040300_23_v400_SV30		FRMCS+GSM-R	Generic
Subset-076-6-3_5040300_24_v400_SV30		FRMCS+GSM-R	Generic
Subset-076-6-3_5040300_25_v400_SV30		FRMCS+GSM-R	Generic
Subset-076-6-3_5040500_01_v400_SV30			Generic
Subset-076-6-3_5040500_02_v400_SV30			Generic
Subset-076-6-3_5040500_03_v400_SV30			Generic
Subset-076-6-3_5040500_04_v400_SV30	STM		Generic
Subset-076-6-3_5040500_05_v400_SV30			Generic
Subset-076-6-3_5040500_06_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_5050300_01_v400_SV30	RIU		Generic
Subset-076-6-3_5050400_01_v400_SV30			Generic
Subset-076-6-3_5050400_02_v400_SV30			Generic
Subset-076-6-3_5060200_01_v400_SV30			Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_5060200_02_v400_SV30			Generic
Subset-076-6-3_5060200_03_v400_SV30			Generic
Subset-076-6-3_5060200_04_v400_SV30			Generic
Subset-076-6-3_5060200_05_v400_SV30			Generic
Subset-076-6-3_5060400_01_v400_SV30			Generic
Subset-076-6-3_5070300_01_v400_SV30			Generic
Subset-076-6-3_5070300_02_v400_SV30			Generic
Subset-076-6-3_5070300_03_v400_SV30			Generic
Subset-076-6-3_5070300_04_v400_SV30			Generic
Subset-076-6-3_5070300_05_v400_SV30			Generic
Subset-076-6-3_5080200_01_v400_SV30			Generic
Subset-076-6-3_5080200_02_v400_SV30			Generic
Subset-076-6-3_5080200_03_v400_SV30			Generic
Subset-076-6-3_5080200_04_v400_SV30			Generic
Subset-076-6-3_5080200_05_v400_SV30			Generic
Subset-076-6-3_5080300_01_v400_SV30			Generic
Subset-076-6-3_5080300_02_v400_SV30	STM		Generic
Subset-076-6-3_5080300_03_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_5080300_04_v400_SV30	STM		Generic
Subset-076-6-3_5080300_05_v400_SV30	STM		Generic
Subset-076-6-3_5080300_06_v400_SV30			Generic
Subset-076-6-3_5080300_07_v400_SV30			Generic
Subset-076-6-3_5080400_01_v400_SV30			Generic
Subset-076-6-3_5080400_02_v400_SV30			Generic
Subset-076-6-3_5080400_03_v400_SV30			Generic
Subset-076-6-3_5080400_04_v400_SV30			Generic
Subset-076-6-3_5080400_05_v400_SV30			Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_5080400_06_v400_SV30			Generic
Subset-076-6-3_5080400_07_v400_SV30			Generic
Subset-076-6-3_5080400_08_v400_SV30			Generic
Subset-076-6-3_5080400_09_v400_SV30			Generic
Subset-076-6-3_5080400_10_v400_SV30			Generic
Subset-076-6-3_5080400_11_v400_SV30			Generic
Subset-076-6-3_5080400_12_v400_SV30			Generic
Subset-076-6-3_5090200_01_v400_SV30			Generic
Subset-076-6-3_5090200_02_v400_SV30			Generic
Subset-076-6-3_5090200_03_v400_SV30			Generic
Subset-076-6-3_5090200_04_v400_SV30			Generic
Subset-076-6-3_5090300_01_v400_SV30			Generic
Subset-076-6-3_5090400_01_v400_SV30			Generic
Subset-076-6-3_5100100_01_v400_SV30	STM		Generic
Subset-076-6-3_5100100_02_v400_SV30			Generic
Subset-076-6-3_5100100_04_v400_SV30	STM		Generic
Subset-076-6-3_5100100_05_v400_SV30	STM		Generic
Subset-076-6-3_5100100_06_v400_SV30			Generic
Subset-076-6-3_5100200_01_v400_SV30			Generic
Subset-076-6-3_5100200_03_v400_SV30			Generic
Subset-076-6-3_5100200_04_v400_SV30	STM		Generic
Subset-076-6-3_5100200_05_v400_SV30	STM		Generic
Subset-076-6-3_5100200_06_v400_SV30			Generic
Subset-076-6-3_5100200_07_v400_SV30			Generic
Subset-076-6-3_5100200_08_v400_SV30			Generic
Subset-076-6-3_5100200_09_v400_SV30			Generic
Subset-076-6-3_5100200_10_v400_SV30			Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_5100200_11_v400_SV30			Generic
Subset-076-6-3_5100200_12_v400_SV30			Generic
Subset-076-6-3_5100300_01_v400_SV30			Generic
Subset-076-6-3_5100300_02_v400_SV30			Generic
Subset-076-6-3_5100300_03_v400_SV30			Generic
Subset-076-6-3_5100300_04_v400_SV30			Generic
Subset-076-6-3_5100300_07_v400_SV30			Generic
Subset-076-6-3_5100300_08_v400_SV30			Generic
Subset-076-6-3_5100300_09_v400_SV30			Generic
Subset-076-6-3_5100300_10_v400_SV30			Generic
Subset-076-6-3_5100300_11_v400_SV30			Generic
Subset-076-6-3_5100315_01_v400_SV30			Generic
Subset-076-6-3_5100315_02_v400_SV30			Generic
Subset-076-6-3_5100400_01_v400_SV30			Generic
Subset-076-6-3_5100400_02_v400_SV30	STM		Generic
Subset-076-6-3_5100400_03_v400_SV30	STM		Generic
Subset-076-6-3_5100400_04_v400_SV30	STM		Generic
Subset-076-6-3_5100400_05_v400_SV30	STM		Generic
Subset-076-6-3_5100400_06_v400_SV30			Generic
Subset-076-6-3_5100400_08_v400_SV30			Generic
Subset-076-6-3_5100400_09_v400_SV30			Generic
Subset-076-6-3_5100400_10_v400_SV30	STM		Generic
Subset-076-6-3_5110200_01_v400_SV30			Generic
Subset-076-6-3_5110200_02_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_5110200_03_v400_SV30			Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_5110200_04_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_5110400_01_v400_SV30			Generic
Subset-076-6-3_5110400_02_v400_SV30			Generic
Subset-076-6-3_5120200_01_v400_SV30			Generic
Subset-076-6-3_5120400_01_v400_SV30			Generic
Subset-076-6-3_5150400_02_v400_SV30			Generic
Subset-076-6-3_5160000_01_v400_SV30			Generic
Subset-076-6-3_5160000_02_v400_SV30			Generic
Subset-076-6-3_5160000_03_v400_SV30			Generic
Subset-076-6-3_5160000_04_v400_SV30			Generic
Subset-076-6-3_5160000_05_v400_SV30			Generic
Subset-076-6-3_5160000_06_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_5170200_01_v400_SV30	Train Data acquired from ERTMS/ETCS external sources		Generic
Subset-076-6-3_5170200_02_v400_SV30	Train Data acquired from ERTMS/ETCS external sources		Generic
Subset-076-6-3_5170200_03_v400_SV30	Train Data acquired from ERTMS/ETCS external sources		Generic
Subset-076-6-3_5170200_04_v400_SV30	Train Data acquired from ERTMS/ETCS external sources		Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_5170200_05_v400_SV30	Train Data acquired from ERTMS/ETCS external sources		Generic
Subset-076-6-3_5180200_01_v400_SV30			Generic
Subset-076-6-3_5180200_02_v400_SV30			Generic
Subset-076-6-3_5180200_03_v400_SV30			Gamma 1
Subset-076-6-3_5180200_04_v400_SV30			Gamma 1
Subset-076-6-3_5180300_01_v400_SV30			Generic
Subset-076-6-3_5180300_02_v400_SV30			Generic
Subset-076-6-3_5180300_03_v400_SV30			Gamma 1
Subset-076-6-3_5180300_04_v400_SV30			Gamma 1
Subset-076-6-3_5180400_01_v400_SV30			Generic
Subset-076-6-3_5180400_02_v400_SV30			Generic
Subset-076-6-3_5180500_01_v400_SV30			Generic
Subset-076-6-3_5180500_02_v400_SV30			Generic
Subset-076-6-3_5180500_03_v400_SV30			Generic
Subset-076-6-3_5180500_04_v400_SV30			Generic
Subset-076-6-3_5180500_05_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_5180600_01_v400_SV30			Generic
Subset-076-6-3_5180600_02_v400_SV30			Generic
Subset-076-6-3_5180600_03_v400_SV30			Gamma 1
Subset-076-6-3_5180600_04_v400_SV30			Gamma 1
Subset-076-6-3_5180600_05_v400_SV30			Generic
Subset-076-6-3_5180700_01_v400_SV30			Generic
Subset-076-6-3_5180700_02_v400_SV30			Generic
Subset-076-6-3_5180700_03_v400_SV30			Generic

ERA ERTMS UNIT

SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_5180700_04_v400_SV30			Generic
Subset-076-6-3_5180700_05_v400_SV30			Gamma 1
Subset-076-6-3_5180700_06_v400_SV30			Gamma 1
Subset-076-6-3_5180700_07_v400_SV30			Gamma 1
Subset-076-6-3_5180700_08_v400_SV30			Gamma 1
Subset-076-6-3_5180800_01_v400_SV30			Generic
Subset-076-6-3_5180900_01_v400_SV30			Generic
Subset-076-6-3_5181000_01_v400_SV30			Generic
Subset-076-6-3_5181000_02_v400_SV30			Generic
Subset-076-6-3_5181000_03_v400_SV30			Gamma 1
Subset-076-6-3_5190200_01_v400_SV30			Generic
Subset-076-6-3_5190200_02_v400_SV30			Generic
Subset-076-6-3_5190200_03_v400_SV30			Generic
Subset-076-6-3_5190200_04_v400_SV30			Generic
Subset-076-6-3_5190200_05_v400_SV30			Generic
Subset-076-6-3_5190200_06_v400_SV30			Generic
Subset-076-6-3_5190200_07_v400_SV30			Generic
Subset-076-6-3_5190300_01_v400_SV30			Generic
Subset-076-6-3_5190300_02_v400_SV30			Generic
Subset-076-6-3_5190300_03_v400_SV30			Generic
Subset-076-6-3_5190400_01_v400_SV30			Generic
Subset-076-6-3_5200800_01_v400_SV30			Generic
Subset-076-6-3_5200800_02_v400_SV30			Generic
Subset-076-6-3_5210200_01_v400_SV30			Generic with Safe consist length information

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_5210200_02_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_5210200_03_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_5210400_01_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_5220200_01_v400_SV30			Generic
Subset-076-6-3_5220200_02_v400_SV30			Generic
Subset-076-6-3_5220200_03_v400_SV30			Generic
Subset-076-6-3_5220200_04_v400_SV30			Generic
Subset-076-6-3_5220200_05_v400_SV30			Generic
Subset-076-6-3_5220200_06_v400_SV30			Generic
Subset-076-6-3_6060200_01_v400_SV30			Generic
Subset-076-6-3_6060200_02_v400_SV30			Generic
Subset-076-6-3_6060200_03_v400_SV30			Generic
Subset-076-6-3_6060200_04_v400_SV30			Generic
Subset-076-6-3_6060200_05_v400_SV30			Generic
Subset-076-6-3_6060200_06_v400_SV30			Generic
Subset-076-6-3_6060200_07_v400_SV30			Generic
Subset-076-6-3_6060302_01_v400_SV30			Generic
Subset-076-6-3_6060302_02_v400_SV30			Gamma 1
Subset-076-6-3_6060302_03_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_6060302_04_v400_SV30			Generic
Subset-076-6-3_6060302_05_v400_SV30			Generic
Subset-076-6-3_6060302_06_v400_SV30			Gamma 1

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_6060302_07_v400_SV30			Generic
Subset-076-6-3_6060302_08_v400_SV30			Generic
Subset-076-6-3_6060302_09_v400_SV30			Generic
Subset-076-6-3_6060302_10_v400_SV30			Generic
Subset-076-6-3_6060302_11_v400_SV30			Generic
Subset-076-6-3_6060302_12_v400_SV30			Generic
Subset-076-6-3_6060302_13_v400_SV30			Generic
Subset-076-6-3_6060303_01_v400_SV30			Generic
Subset-076-6-3_6060303_02_v400_SV30			Generic
Subset-076-6-3_6060304_01_v400_SV30			Generic
Subset-076-6-3_6060304_02_v400_SV30			Generic
Subset-076-6-3_6060304_03_v400_SV30			Generic
Subset-076-6-3_6060304_04_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_6060304_05_v400_SV30			Generic
Subset-076-6-3_6060304_06_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic with Safe consist length information
Subset-076-6-3_6060304_07_v400_SV30			Generic
Subset-076-6-3_6060400_02_v400_SV30			Generic
Subset-076-6-3_6060400_03_v400_SV30			Generic
Subset-076-6-3_6060400_04_v400_SV30			Generic
Subset-076-6-3_6060400_05_v400_SV30			Generic
Subset-076-6-3_6060400_06_v400_SV30			Generic
Subset-076-6-3_6060400_07_v400_SV30			Generic
Subset-076-6-3_6060400_08_v400_SV30			Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_6060500_01_v400_SV30			Generic
Subset-076-6-3_6060500_02_v400_SV30			Generic
Subset-076-6-3_6060500_03_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_6060500_04_v400_SV30			Generic
Subset-076-6-3_6060500_05_v400_SV30			Generic
Subset-076-6-3_6060500_06_v400_SV30			Generic
Subset-076-6-3_6060500_07_v400_SV30			Generic
Subset-076-6-3_6060500_08_v400_SV30			Generic
Subset-076-6-3_6060500_09_v400_SV30			Generic
Subset-076-6-3_6060500_10_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_6060500_11_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic with Safe consist length information
Subset-076-6-3_6060500_12_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_6060500_13_v400_SV30			Generic
Subset-076-6-3_6060500_14_v400_SV30			Generic
Subset-076-6-3_6060500_15_v400_SV30			Generic
Subset-076-6-3_6060500_16_v400_SV30			Generic
Subset-076-6-3_6060500_17_v400_SV30			Generic
Subset-076-6-3_6060504_01_v400_SV30			Generic
Subset-076-6-3_6060504_02_v400_SV30			Generic with Safe consist length information

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_6060504_03_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic with Safe consist length information
Subset-076-6-3_6060504_04_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_6060504_05_v400_SV30			Generic
Subset-076-6-3_6060504_06_v400_SV30			Generic
Subset-076-6-3_6060504_07_v400_SV30			Generic
Subset-076-6-3_6060504_08_v400_SV30			Generic
Subset-076-6-3_6060504_09_v400_SV30			Generic
Subset-076-6-3_6060505_01_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_6060505_02_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_6060505_03_v400_SV30	Safe consist length information acquired from ERTMS/ETCS external sources		Generic with Safe consist length information
Subset-076-6-3_6060505_04_v400_SV30			Generic
Subset-076-6-3_6060505_05_v400_SV30			Generic
Subset-076-6-3_6060505_06_v400_SV30			Generic
Subset-076-6-3_6060505_07_v400_SV30			Generic
Subset-076-6-3_6060505_08_v400_SV30			Generic
Subset-076-6-3_6060506_01_v400_SV30			Generic
Subset-076-6-3_6060506_02_v400_SV30			Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_7040200_03_v400_SV30			Generic
Subset-076-6-3_7050100_01_v400_SV30			Generic
Subset-076-6-3_8040100_01_v400_SV30			Generic
Subset-076-6-3_8040400_01_v400_SV30			Generic
Subset-076-6-3_9990200_01_v400_SV30			Generic
Subset-076-6-3_9990200_02_v400_SV30			Generic
Subset-076-6-3_9990200_03_v400_SV30			Lambda 1
Subset-076-6-3_9990200_04_v400_SV30			Generic
Subset-076-6-3_9990200_05_v400_SV30			Generic
Subset-076-6-3_9990200_06_v400_SV30			Generic
Subset-076-6-3_9990200_07_v400_SV30			Generic
Subset-076-6-3_9990200_08_v400_SV30			Generic
Subset-076-6-3_9990200_09_v400_SV30			Generic
Subset-076-6-3_9990200_10_v400_SV30			Generic
Subset-076-6-3_9990200_11_v400_SV30			Generic
Subset-076-6-3_9990200_12_v400_SV30			Lambda 1
Subset-076-6-3_9990200_13_v400_SV30			Generic with Safe consist length information
Subset-076-6-3_9990400_01_v400_SV30			Generic
Subset-076-6-3_9990400_03_v400_SV30			Generic
Subset-076-6-3_9990400_04_v400_SV30			Generic
Subset-076-6-3_9990400_05_v400_SV30			Generic
Subset-076-6-3_9990400_06_v400_SV30			Generic
Subset-076-6-3_9990400_07_v400_SV30			Generic
Subset-076-6-3_9990400_08_v400_SV30			Generic
Subset-076-6-3_9990400_09_v400_SV30			Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_9990400_10_v400_SV30			Generic
Subset-076-6-3_9990400_11_v400_SV30			Generic
Subset-076-6-3_9990400_13_v400_SV30			Generic
Subset-076-6-3_9990400_15_v400_SV30			Generic
Subset-076-6-3_9990400_16_v400_SV30			Generic
Subset-076-6-3_9990400_18_v400_SV30			Generic
Subset-076-6-3_9990400_19_v400_SV30			Generic
Subset-076-6-3_9990400_20_v400_SV30			Generic
Subset-076-6-3_9990400_21_v400_SV30			Generic
Subset-076-6-3_9990400_22_v400_SV30			Generic
Subset-076-6-3_9990400_23_v400_SV30			Generic
Subset-076-6-3_9990400_24_v400_SV30			Generic
Subset-076-6-3_9990400_25_v400_SV30			Generic
Subset-076-6-3_9990400_26_v400_SV30	RIU		Generic
Subset-076-6-3_9990400_27_v400_SV30			Generic
Subset-076-6-3_9990400_28_v400_SV30			Generic
Subset-076-6-3_9990400_29_v400_SV30			Generic
Subset-076-6-3_9990400_30_v400_SV30	RIU		Generic
Subset-076-6-3_9990400_31_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_9990400_32_v400_SV30			Generic
Subset-076-6-3_9990400_33_v400_SV30			Generic
Subset-076-6-3_9990400_34_v400_SV30			Generic
Subset-076-6-3_9990400_35_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_9990400_36_v400_SV30	RIU		Generic
Subset-076-6-3_9990400_37_v400_SV30			Generic
Subset-076-6-3_9990400_38_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_9990400_39_v400_SV30	EUROLOOP		Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_9990400_40_v400_SV30	EUROLOOP		Generic
Subset-076-6-3_9990400_41_v400_SV30			Generic
Subset-076-6-3_9990400_42_v400_SV30			Generic
Subset-076-6-3_9990400_43_v400_SV30			Generic
Subset-076-6-3_9990400_44_v400_SV30			Generic
Subset-076-6-3_9990400_45_v400_SV30			Generic
Subset-076-6-3_9990400_46_v400_SV30			Generic
Subset-076-6-3_9990400_47_v400_SV30			Generic
Subset-076-6-3_9990400_48_v400_SV30		FRMCS+GSM-R	Generic
Subset-076-6-3_9990400_49_v400_SV30			Generic
Subset-076-6-3_9990500_01_v400_SV30			Generic
Subset-076-6-3_9990500_02_v400_SV30			Generic
Subset-076-6-3_9990500_03_v400_SV30			Generic
Subset-076-6-3_9990500_04_v400_SV30	RIU		Generic
Subset-076-6-3_9990500_05_v400_SV30			Generic
Subset-076-6-3_9990500_06_v400_SV30	RIU		Generic
Subset-076-6-3_9990500_07_v400_SV30	RIU		Generic
Subset-076-6-3_9990500_09_v400_SV30			Generic
Subset-076-6-3_9990500_10_v400_SV30			Generic
Subset-076-6-3_9990500_11_v400_SV30			Generic
Subset-076-6-3_9990500_14_v400_SV30			Generic
Subset-076-6-3_9990500_15_v400_SV30			Generic
Subset-076-6-3_9990500_16_v400_SV30			Generic
Subset-076-6-3_9990500_18_v400_SV30			Generic
Subset-076-6-3_9990500_19_v400_SV30			Generic
Subset-076-6-3_9990500_20_v400_SV30			Generic
Subset-076-6-3_9990500_21_v400_SV30	STM		Generic

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SCOPE OF THE TEST SPECIFICATIONS

Test Sequence	Optional Interface	Radio system(s) installed on-board	Train data set
Subset-076-6-3_9990500_22_v400_SV30	RIU		Generic
Subset-076-6-3_9990500_24_v400_SV30			Generic
Subset-076-6-3_9990500_25_v400_SV30	RIU		Generic
Subset-076-6-3_9990500_26_v400_SV30			Generic
Subset-076-6-3_9990500_27_v400_SV30			Generic
Subset-076-6-3_9990500_28_v400_SV30			Generic
Subset-076-6-3_9990502_01_v400_SV30			Generic
Subset-076-6-3_9990600_01_v400_SV30			Generic
Subset-076-6-3_9990600_02_v400_SV30			Generic
Subset-076-6-3_9990600_03_v400_SV30			Generic
Subset-076-6-3_9990600_04_v400_SV30			Generic
Subset-076-6-3_9990600_05_v400_SV30			Generic
Subset-076-6-3_9990600_06_v400_SV30			Generic
Subset-076-6-3_9990600_07_v400_SV30			Generic

4. PROVISIONS

- 4.1.1.1 In the case of absence of individual test cases [\[3\]](#) and/or test sequences [\[4\]](#), including for the requirements identified in *Table 3*, and after consultation with a NoBo as specified in §6.2.4.1 of the TSI CCS, proprietary test specifications and evidence can be used to prove conformity of the ETCS on-board equipment.