

This document lists the changes that have been applied during the imporation of a new release of the specification

Summary

This section presents the summary of the document importation

Item	Count	Comment
Paragraph count	192	This is the number of paragraphs processed during the importation of the document
Modified paragraphs	8	This is the number of paragraphs that have been changed between the two revisions
New paragraphs	5	The is the number of new paragraphs in this new revision
Moved paragraphs	0	The is the number of paragraphs that have been moved around in this new revision
Deleted paragraphs	0	This is the number of paragraphs that have been deleted in this new revision

Modified paragraphs

This section lists the paragraphs that have been modified during the importation

2.3.1.1

Original contents

The present chapter gives the basic description of the system proposed to satisfy the mandatory functional requirements of the Function Requirements Specification Version 4.3.

New contents

The present chapter gives the basic description of the ERTMS/ETCS system proposed to achieve technical interoperability.

2.5.1.2.1

Original contents

The balise is a transmission devices that can send telegrams to the on-board sub-system.

New contents

The balise is a transmission device that can send telegrams to the on-board sub-system.

2.5.1.2.2

Original contents

The balise is based on the existing Eurobalise specifications. These documents are included in the frame of the ERTMS/ETCS Class 1 specifications.

New contents

The balise is based on the existing Eurobalise specifications. These documents are included in the frame of the ERTMS/ETCS specifications.

2.5.1.4.2

Original contents

The GSM Radio system is neither developed nor standardised within the frame of the ERTMS/ETCS Class 1 specifications. ERTMS/ETCS Class 1 uses the interfaces as specified in the EIRENE/MORANE specifications [UNISIG Reference documents, SUBSET-008, SUBSET-052].

New contents

Intentionally deleted

2.5.2.3.2

Original contents

The GSM Radio system is neither developed nor standardised within the frame of the UNISIG requirements specifications [UNISIG Reference documents, SUBSET-008].

New contents

Intentionally deleted.

2.5.3

Original contents

UNISIG ERTMS/ETCS reference architecture

Figure :ERTMS/ETCS system

New contents

ERTMS/ETCS reference architecture

Figure :ERTMS/ETCS system and its interfaces

2.5.3.1

Original contents

Note: Interfaces in brackets are not required for interoperability.

New contents

Note: the entities inside the ERTMS/ETCS on-board equipment box are shown only to highlight the scope of the interfaces that are specified in the TSI CCS annex A.

2.6.2.7

Original contents

It is possible to transmit information not intended for ERTMS/ETCS but for other systems over the ERTMS/ETCS transmission channels. This information is ignored by ERTMS/ETCS.

New contents

It is possible to transmit information not intended for ERTMS/ETCS but for other systems over the ERTMS/ETCS transmission channels. This information is not used by ERTMS/ETCS.

New paragraphs

This section lists the paragraphs that have been added during the importation

Paragraph	Contents
2.1.Entry 20	3.2.1 13/12/11,,Including all CRs that are in state Analysis completed according to ERA CCM,AH,
2.1.Entry 21	3.3.0 07/03/12,,Baseline 3 release version,AH,
2.5.1.1.g	Key Management Centre (KMC)
2.5.1.8	KMC
2.5.1.8.1	The role of the KMC is to manage the cryptographic keys, which are used to secure the EURORADIO communications between the ERTMS/ETCS entities (ERTMS/ETCS on- board equipments, RBCs and RIUs).

Removed paragraphs

This section lists the paragraphs that have been removed during the importation

Paragraph	Contents
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Moved paragraphs

This section lists the paragraphs that have been moved during the importation. No change has been performed in the model. Review should be performed manually.

Paragraph	Contents	Initial position
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Errors during importation

This section lists the errors encountered during importation. No change has been performed in the model. Review should be performed manually.

Paragraph	Text	Error
2.1.Entry 20	3.2.1 13/12/11,,Including all CRs that are in state Analysis completed according to ERA CCM,AH,	Paragraph 2.1.Entry 20 cannot be found in the specification
2.1.Entry 21	3.3.0 07/03/12,,Baseline 3 release version,AH,	Paragraph 2.1.Entry 21 cannot be found in the specification

List of paragraphs

This section lists the paragraphs that have been processed during the importation

Paragraph				
2.1	2.1.Entry 0	2.1.Entry 1	2.1.Entry 2	2.1.Entry 3
2.1.Entry 4	2.1.Entry 5	2.1.Entry 6	2.1.Entry 7	2.1.Entry 8
2.1.Entry 9	2.1.Entry 10	2.1.Entry 11	2.1.Entry 12	2.1.Entry 13
2.1.Entry 14	2.1.Entry 15	2.1.Entry 16	2.1.Entry 17	2.1.Entry 18
2.1.Entry 19	2.1.Entry 20	2.1.Entry 21	2.1.Entry 22	2.2
2.3	2.3.1	2.3.1.1	2.4	2.4.1.1
2.4.1.2	2.4.1.3	2.4.1.3.a	2.4.1.3.b	2.4.1.3.c
2.4.1.3.d	2.5	2.5.1	2.5.1.1	2.5.1.1.a
2.5.1.1.b	2.5.1.1.c	2.5.1.1.d	2.5.1.1.e	2.5.1.1.f
2.5.1.1.g	2.5.1.2	2.5.1.2.1	2.5.1.2.2	2.5.1.2.3
2.5.1.2.4	2.5.1.2.5	2.5.1.3	2.5.1.3.1	2.5.1.4
2.5.1.4.1	2.5.1.4.2	2.5.1.5	2.5.1.5.1	2.5.1.5.2
2.5.1.5.3	2.5.1.6	2.5.1.6.1	2.5.1.6.2	2.5.1.7
2.5.1.7.1	2.5.1.7.2	2.5.1.8	2.5.1.8.1	2.5.2
2.5.2.1	2.5.2.1.a	2.5.2.1.b	2.5.2.2	2.5.2.2.1
2.5.2.2.2	2.5.2.2.2.a	2.5.2.2.2.b	2.5.2.2.2.c	2.5.2.3
2.5.2.3.1	2.5.2.3.2	2.5.3	2.5.3.1	2.6
2.6.1	2.6.1.1	2.6.1.2	2.6.1.3	2.6.2
2.6.2.1	2.6.2.2	2.6.2.3	2.6.2.4	2.6.2.5
2.6.2.6	2.6.2.7	2.6.3	2.6.3.1	2.6.3.1.1
2.6.3.1.2	2.6.3.1.3	2.6.3.1.4	2.6.3.1.5	2.6.3.1.6
2.6.3.2	2.6.3.2.1	2.6.3.2.2	2.6.3.2.3	2.6.3.2.4
2.6.4	2.6.4.1	2.6.4.1.1	2.6.4.1.2	2.6.4.1.3
2.6.4.1.4	2.6.4.1.5	2.6.4.1.6	2.6.4.1.7	2.6.4.1.8
2.6.4.1.9	2.6.4.1.10	2.6.4.1.11	2.6.4.2	2.6.4.2.1
2.6.4.2.2	2.6.4.2.3	2.6.4.2.4	2.6.5	2.6.5.1
2.6.5.1.1	2.6.5.1.2	2.6.5.1.3	2.6.5.1.4	2.6.5.1.5
2.6.5.1.6	2.6.5.1.7	2.6.5.1.8	2.6.5.1.9	2.6.5.1.10
2.6.5.1.11	2.6.5.2	2.6.5.2.1	2.6.5.2.2	2.6.5.2.3
2.6.5.2.4	2.6.6	2.6.6.1	2.6.6.1.1	2.6.6.1.2
2.6.6.1.3	2.6.6.1.4	2.6.6.1.5	2.6.6.1.6	2.6.6.1.7
2.6.6.2	2.6.6.2.1	2.6.6.2.2	2.6.6.2.3	2.6.6.2.4
2.6.7	2.6.7.1	2.6.7.1.1	2.6.7.1.2	2.6.7.1.3
2.6.7.1.4	2.6.7.1.5	2.6.7.1.6	2.6.7.1.7	2.6.7.2
2.6.7.2.1	2.6.7.2.2	2.6.7.2.3	2.6.7.2.4	2.6.8
2.6.8.1	2.6.8.2	2.6.8.3	2.6.8.3.Entry 0	2.6.8.3.Entry 1
2.6.8.3.Entry 2	2.6.8.3.Entry 3	2.6.8.3.Entry 4	2.6.8.3.Entry 5	2.6.8.3.Entry 6
2.6.8.3.Entry 7	2.6.8.3.Entry 8	2.6.8.3.Entry 9	2.6.8.3.Entry 10	2.6.8.3.Entry 11
2.6.8.3.Entry 11.a	2.6.8.3.Entry 11.b			