ERTMS/ETCS
Trainborne FFFIS for RADIO IN-FILL
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Company	Technical Approval	Management approval
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1. MODIFICATION HISTORY

Issue Number Date	Section Number	Modification / Description	Author
0.0.1 15-Sep-99	All	Creation	R. Bertolini, M. Ferrettino
1.0.0 13-Oct-99	All	Final issue	R. Bertolini, M. Ferrettino
1.1.0 21-Jan-00	All	Updating to SRS 2.0.0	M. Ferrettino
2.0.0 30-March-00	3.3	Final issue to ECSAG	U.D. (ed)
3.0.0 03-March-12	“Class 1” instances removed as per CR 1135; Unisig template updated; References updated.	Baseline 3 release version	L. Repetti

2. TABLE OF CONTENTS

3. GENERAL

3.1 Scope

3.1.1.1 The scope of this document is to specify the Radio Communication System airgap interface details required for the UNISIG ERTMS system definition.

3.1.1.2 This document covers mainly the signalling part of the communication protocols related to the data bearer service management and the details of the physical interfaces on the train/track radio airgap.

3.1.1.3 This FFFIS is strictly dependent on the Radio Transmission FFFIS for EuroRadio [1].

3.1.1.4 For this reason the document has the same structure of the document above. Each chapter of this FFFIS contains only the reference to EURORADIO FFFIS and the possible specific characteristics (differences) for radio in-fill application.

3.2 Introduction

3.2.1.1 See [1].

3.3 References

[1] Radio Transmission FFFIS for EuroRadio – A11T6001

4. RADIO AIRGAP FFFIS

4.1 Data bearer service definition

4.1.1.1 See [1].

4.1.1.2 All the references to RBC shall be changed to Radio In-fill Unit.

4.2 Data transfer physical layer

4.2.1.1 See [1].

4.2.1.2 All the references to RBC shall be changed to Radio In-fill Unit.

4.3 Communication signalling and network interworking

4.3.1.1 See [1].

4.3.1.2 All the references to RBC shall be changed to Radio In-fill Unit.

5. ISDN FIXED NETWORK INTERFACE - OPTIONAL

5.1.1.1 See [1].

5.1.1.2 All the references to RBC shall be changed to Radio In-fill Unit.

6. EVC MT2 MOBILE INTERFACE – OPTIONAL

6.1.1.1 See [1].

6.1.1.2 All the references to RBC shall be changed to Radio In-fill Unit.