

Train Control ETCS sys

ETCS System Compatibility Borders

Document Management

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History

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Abrogated documents

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1. Introduction

1.1 Purpose of the document

The purpose of this document is to define the test scenarios to perform to prove the ETCS System Compatibility (ESC) between the On-board and the trackside at the Infrabel network borders with Luxemburg.

This document is an annexe of [6].

1.2 Basic documents

Ref.	Title	Owner
[1]	PSI (TC,ETCSsys,z) ESC TST PLN 1.4	Infrabel
[2]	Masterplan ETCS and IL 1.1 - Visie 2025 - Situatie ETCS	Infrabel
[3]	PSI (TC,ETCSsys,L42_frontière) description technique 1.1	Infrabel
[4]	PSI (TC,ETCSsys,L162_frontière) description technique 1.2	Infrabel
[5]	PSI (TC, ETCSsys,L165_3_Athus) description technique 1.1	Infrabel

1.3 Reference documents

Title	Owner
[6] PSI (TC, ETCSsys,z) Borders ESC TST DSC 1.3	Infrabel

1.4 Annexes

Ref.	Title	Owner
[7]	None	

1.5 Scope

This document is applicable for all trains that would run under the protection of ETCS on lines close to a Luxembourgish border of the Infrabel network.

1.6 Definitions, symbols and abbreviations

CCS	Control Command System
DMI	Driver Machine Interface
ESC	ETCS System Compatibility
ETCS	European Train Control System
IBG	Infill Balise Group
LS	Limited Supervision
NR	Not Relevant
SBG	Signal Balise Group
TSI	Technical Specification for Interoperability
VBC	Virtual Balise Cover

1.7 Known imperfections

None

2. On-board Equipment

Out of scope of railway manager Infrabel.

3. Lines crossing the Luxembourgish border

3.1 L42

This border is equipped with ETCS1 FS on both side of the border. There is no specific function requiring an ESC test.

3.2 L162

This border is equipped with ETCS1 FS on both side of the border. There is no specific function requiring an ESC test.

3.3 L165/1 and 167

This border is equipped with ETCS1 FS on both side of the border. There is no specific function requiring an ESC test.

4. Test scenarios

No tests required.