This is a free page sample. Access the full version online.

National Standards Authority of Ireland

IRISH STANDARD

I.S. CLC/TS 50459-5:2005

ICS 03.220.30
13.180
35.240.60

RAILWAY APPLICATIONS - COMMUNICATION, SIGNALLING AND PROCESSING SYSTEMS - EUROPEAN RAIL TRAFFIC MANAGEMENT SYSTEM - DRIVER-MACHINE INTERFACE -- PART 5: SYMBOLS

National Standards
Authority of Ireland
Glasnevin, Dublin 9
Ireland

Tel: +353 1 807 3800
Fax: +353 1 807 3838
http://www.nsai.ie

Sales
http://www.standards.ie

This Irish Standard was published under the authority of the National Standards Authority of Ireland and comes into effect on:

September 30, 2005

NO COPYING WITHOUT NSAI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

© NSAI 2005

Price Code I

Údarás um Chaighdeáin Náisiúnta na hÉireann

This is a free page sample. Access the full version online.

This is a free page sample. Access the full version online.

TECHNICAL SPECIFICATION **CLC/TS 50459-5**

SPECIFICATION TECHNIQUE

TECHNISCHE SPEZIFIKATION September 2005

ICS 03.220.30; 13.180; 35.240.60

English version

Railway applications – Communication, signalling and processing systems – European Rail Traffic Management System – Driver-Machine Interface Part 5: Symbols

Applications ferroviaires – Systèmes de signalisation, de télécommunications et de traitement – Système européen de gestion du trafic ferroviaire – Interface de conduite Partie 5: Symboles

Bahnanwendungen – Telekommunikationstechnik, Signaltechnik und Datenverarbeitungssysteme – Europäisches Leitsystem für den Schienenverkehr – Mensch-Maschine Schnittstelle Teil 5: Symbole

This Technical Specification was approved by CENELEC on 2005-05-07.

CENELEC members are required to announce the existence of this TS in the same way as for an EN and to make the TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

© 2005 CENELEC - All rights of exploitation in any form and by any means reserved worldwide for CENELEC members.

Ref. No. CLC/TS 50459-5:2005 E

This is a free page sample. Access the full version online.

Foreword

This Technical Specification was prepared by SC 9XA, Communication, signalling and processing systems, of Technical Committee CENELEC TC 9X, Electrical and electronic applications for railways.

The text of the draft was submitted to the vote and was approved by CENELEC as CLC/TS 50459-5 on 2005-05-07.

The following date was fixed:

– latest date by which the existence of the CLC/TS has to be announced at national level (doa) 2005-11-07

This Technical Specification has been prepared under mandates M/024 and M/334 given to CENELEC by the European Commission and the European Free Trade Association.

_____

This is a free page sample. Access the full version online.

Contents

Page

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 6

4 Symbols and abbreviations 6

5 Symbols 6
5.1 Principles 6
5.2 ERTMS/ETCS symbols 6
5.2.1 Monitor symbols (group 1) 7
5.2.2 Mode symbols (group 2) 10
5.2.3 Orders and Announcement of Route Condition symbols (group 3) 12
5.2.4 Advisory symbols (group 4) 18
5.2.5 Navigation symbols (group 5) 19
5.3 ETCS/GSM-R symbols: Status Information 20
5.3.1 Point-to-point Call (group 6) 20
5.3.2 Group and Broadcast Call (group 7) 22
5.3.3 Emergency Call (group 8) 23
5.3.4 Multi-party Call (group 9) 23
5.3.5 Public Address (group 10) 24
5.4 GSM-R symbols: Button Information (group 11) 25

Bibliography 28

Table 1 — Monitor symbols 7
Table 2 — Mode symbols 10
Table 3 — Orders and Announcement of Route Condition symbols 12
Table 4 — Advisory symbols 18
Table 5 — Navigation symbols 19
Table 6 — Point-to-point Call symbols 20
Table 7 — Group and Broadcast Call symbols 22
Table 8 — Emergency Call symbols 23
Table 9 — Multi-party Call symbols 23
Table 10 — Public Address symbols 24
Table 11 — GSM-R symbols used on buttons 25

This is a free page sample. Access the full version online.

Introduction

This Technical Specification forms Part 5 of a series, the other parts being:

CLC/TS 50459-1 for ergonomic principles for the presentation of ERTMS/ETCS/GSM-R information

CLC/TS 50459-2 for ergonomic arrangements of ERTMS/ETCS information

CLC/TS 50459-3 for ergonomic arrangements of ERTMS/GSM-R information

CLC/TS 50459-4 for data entry procedure for ERTMS/ETCS/GSM-R

CLC/TS 50459-6 for audible information for ERTMS/ETCS/GSM-R

This document does not cover symbols to be used for STM.

SAI GLOBAL

This is a free preview. Purchase the entire publication at the link below:

Product Page

Looking for additional Standards? Visit Intertek Inform Infostore

Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation