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ICS 93.100

**RAILWAY APPLICATIONS -
COMMUNICATIONS, SIGNALLING AND
PROCESSING SYSTEMS - ERTMS/ETCS -
EXTERNAL SIGNALLING FOR LINES
EQUIPPED WITH ERTMS/ETCS LEVEL 2**

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TECHNICAL REPORT
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CLC/TR 50511

August 2007

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English version

**Railway applications -
Communications, signalling and processing systems -
ERTMS/ETCS -
External signalling for lines equipped with ERTMS/ETCS Level 2**

Applications ferroviaires -
Systèmes de signalisation,
de télécommunications et de traitement -
ERTMS/ETCS -
Signalisation extérieure pour les lignes
équipées de ERTMS/ETCS Niveau 2

Eisenbahnanwendungen -
Systeme für die Kommunikation,
Signalisierung und Datenverarbeitung -
ERTMS/ETCS -
Außensignale für mit ERTMS/ETCS
Level 2 ausgestattete Strecken

This Technical Report was approved by CENELEC on 2007-06-01.

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

CENELEC

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

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Foreword

This Technical Report 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 vote in accordance with the Internal Regulations, Part 2, Subclause 11.4.3.3 (simple majority) and was approved by CENELEC as CLC/TR 50511 on 2007-06-01.

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