

English Version

**Public transport - Road vehicles - Visible variable passenger
information devices inside the vehicle**

Transport public - Véhicule routier - Information par
panneau à message variable dans les véhicules

Öffentlicher Verkehr - Straßenfahrzeuge - Sichtbare
wechselnde Fahrgastinformationsträger im Fahrzeug

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

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Foreword

This document (CEN/TS 15504:2007) has been prepared by Technical Committee CEN/TC 278 “Road Transport and Traffic Telematics”, the secretariat of which is held by NEN.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this Technical Specification: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

Introduction

This specification outlines the requirements for electronic Interior Variable Message Signs (IVMS) for the presentation of dynamic passenger information in public transport vehicles, like e.g. buses, trams, trolleybuses.

1 Scope

This standard applies to different IVMS systems mounted in public transport vehicles, like e.g. buses, tramways, trolleybuses, and specifies the installation location, dimensions, characteristics of the sign system, information contents and cabling.

At present there are several technologies for these kinds of IVMS (e.g. LCD, LED, VFD etc.).

2 Normative references

Not applicable.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

Automatic Vehicle Monitoring System

enables actualisation of the vehicle route to be displayed on the IVMS should any change in route occur during the ride

3.2

Interior Variable Message Signs

indicator with a sign panel mounted in long-distance and short-distance vehicles indicating the planned vehicle route

3.3

Internal stop sign

indicator with a sign panel indicating the name of the next stop.

3.4

On-board transmission bus

enables the control of IVMS by the board controller of the Vehicle Board Information and Control System (VBICS).

3.5

Precise time and tariff zone sign

indicator with a sign panel indicating the course of the route, the actual stop, perhaps also the line number, interchange facilities etc. of the actual route.

3.6

Route sign

indicator with a sign panel indicating informing of the course of the route, the actual stop, perhaps also the line number, interchange facilities etc. of the actual route.

4 Abbreviations

In this document the following abbreviations are used:

4.1

AVMS

Automatic Vehicle Monitoring System