



SLOVENSKI STANDARD SIST EN ISO 15006:2011

01-november-2011

Nadomešča:
SIST EN ISO 15006:2005

Cestna vozila - Ergonomski vidiki transportnih informacij in kontrolnih sistemov - Specifikacije za zvočno predstavitev v vozilu (ISO 15006:2011)

Road vehicles - Ergonomic aspects of transport information and control systems -
Specifications for in-vehicle auditory presentation (ISO 15006:2011)

Straßenfahrzeuge - Ergonomische Aspekte von Verkehrsinformations- und
Assistenzsystemen - Anforderungen und Konformitätsverfahren für die Ausgabe
auditiver Informationen im Fahrzeug (ISO 15006:2011)

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Véhicules routiers - Aspects ergonomiques des systèmes de commande et d'information
du transport - Spécifications et modes opératoires de conformité concernant la
présentation des informations auditives à bord du véhicule (ISO 15006:2011)

Ta slovenski standard je istoveten z: EN ISO 15006:2011

ICS:

13.180	Ergonomija	Ergonomics
35.240.60	Uporabniške rešitve IT v transportu in trgovini	IT applications in transport and trade
43.040.15	Avtomobilska informatika. Vgrajeni računalniški sistemi	Car informatics. On board computer systems

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EUROPEAN STANDARD

EN ISO 15006

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2011

ICS 13.180; 43.040.15; 35.240.60

Supersedes EN ISO 15006:2004

English Version

Road vehicles - Ergonomic aspects of transport information and control systems - Specifications for in-vehicle auditory presentation (ISO 15006:2011)

Véhicules routiers - Aspects ergonomiques des systèmes de commande et d'information du transport - Spécifications concernant la présentation des informations auditives à bord du véhicule (ISO 15006:2011)

Straßenfahrzeuge - Ergonomische Aspekte von Verkehrsinformations- und Assistenzsystemen - Anforderungen und Konformitätsverfahren für die Ausgabe auditiver Informationen im Fahrzeug (ISO 15006:2011)

This European Standard was approved by CEN on 30 September 2011.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, 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.



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

Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (EN ISO 15006:2011) has been prepared by Technical Committee ISO/TC 22 "Road vehicles" in collaboration with Technical Committee CEN/TC 278 "Road transport and traffic telematics" the secretariat of which is held by NEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2012, and conflicting national standards shall be withdrawn at the latest by April 2012.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 15006:2004.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, 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 the United Kingdom.

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Endorsement notice

The text of ISO 15006:2011 has been approved by CEN as a EN ISO 15006:2011 without any modification.

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INTERNATIONAL STANDARD

**ISO
15006**

Second edition
2011.10.01

Road vehicles — Ergonomic aspects of transport information and control systems — Specifications for in-vehicle auditory presentation

*Véhicules routiers — Aspects ergonomiques des systèmes de
commande et d'information du transport — Spécifications concernant la
présentation des informations auditives à bord du véhicule*

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ISO 15006:2011(E)**Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 15006 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 13, *Ergonomics applicable to road vehicles*.

This second edition cancels and replaces the first edition (ISO 15006:2004), which has been technically revised.

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Introduction

The driver and the vehicle are an integrated system that includes the environment, the primary vehicle controls, the instrumentation, and the transport information and control systems (TICS). The driving task, and human capabilities and limitations, are other primary factors. TICS are intended to support the driver's primary task, and therefore it is expected that the overall workload of the driver will not be negatively influenced, while performance and comfort should be increased.

The multitude of information to be displayed to the driver through TICS may create the need to minimize visual load and make more and better use of the auditory channel. This International Standard provides ergonomic specifications for the design and installation of auditory displays presenting speech and tonal information while driving. The aim of these specifications is to help designers to provide auditory signals which meet usability, comfort and safety criteria.

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