

SLOVENSKI STANDARD

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Nadomešča:

SIST EN 62106:2010

Specifikacija radijskega podatkovnega sistema (RDS) za zvokovno radiodifuzijo VHF/FM v frekvenčnem območju od 87,5 MHz do 108,0 MHz (IEC 62106:2015)

Specification of the radio data system (RDS) for VHF/FM sound broadcasting in the frequency range from 87,5 MHz to 108,0 MHz (IEC 62106:2015)

Spezifikation des Radio-Daten-Systems (RDS) für den VHF/FM-Tonrundfunk im Frequenzbereich 87,5 MHz bis 108,0 MHz (IEC 62106:2015)
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Spécification des systèmes des radiocommunications des données (RDS) pour la radiodiffusion VHF/FM dans la plage de fréquences comprise entre 87,5 MHz et 108,0 MHz (IEC 62106:2015) *74a55c52adbe/sist-en-62106-2015*

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33.170

Televizijska in radijska
difuzijaTelevision and radio
broadcasting**SIST EN 62106:2015****en,fr,de**

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May 2015

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English Version

**Specification of the radio data system (RDS)
for VHF/FM sound broadcasting in the frequency range
from 87,5 MHz to 108,0 MHz
(IEC 62106:2015)**

Spécification du système de radiodiffusion de données
(RDS) pour la radiodiffusion sonore VHF/FM dans la bande
de fréquences de 87,5 MHz à 108,0 MHz
(IEC 62106:2015)

Spezifikation des Radio-Daten-Systems (RDS)
für den VHF/FM-Tonrundfunk im Frequenzbereich
87,5 MHz bis 108,0 MHz
(IEC 62106:2015)

This European Standard was approved by CENELEC on 2015-05-04. CENELEC 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.

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Foreword

The text of document 100/2122A/CDV, future edition 3 of IEC 62106, prepared by Technical Area 1 "Terminals for audio, video and data services and contents" of IEC/TC 100 "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62106:2015.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2016-02-04
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-05-04

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IEC 62634 NOTE [SIST EN 62634](https://standards.iteh.ai/catalog/standards/sist_en/62634)
ISO 3166 Series NOTE [7405-3166-1](https://standards.iteh.ai/catalog/standards/sist_en/3166-1) harmonized as EN ISO 3166-1.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here:
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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO/IEC 10646	2014	Information technology - Universal Coded Character Set (UCS)	-	-
ISO 14819	Series	Intelligent transport systems - Traffic and travel information messages via traffic message coding	EN ISO 14819	Series
ITU-R Recommendation BS.450-3	-	Transmission standards for FM sound broadcasting at VHF	-	-
ITU-R Recommendation BS.643-3	-	Radio data system for automatic tuning and other applications in FM radio receivers for use with pilot-tone system	-	-
ITU-T Recommendation E.212	-	The international identification plan for public networks and subscriptions: For the three digit Mobile Country Codes used in Annex M of this RDS specification refer to Complement to ITU-T Rec. E.212 (05/2004) published by ITU Geneva as Annex to ITU Operational Bulletin 897, dated 2007-12-01	-	-
US NRSC-4-B		National Radio Systems Committee - NRSC-4-A: United States RBDS standard		
ETSI EN 301 700	-	Digital Audio Broadcasting (DAB);VHF/FM Broadcasting: cross-referencing to simulcast DAB services by RDS-ODA 147	-	-

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radio data system (RDS) for VHF/FM sound broadcasting in
the frequency range from 87,5 MHz to 108,0 MHz
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**SPECIFICATION OF THE RADIO DATA SYSTEM (RDS)
FOR VHF/FM SOUND BROADCASTING IN THE FREQUENCY
RANGE FROM 87,5 MHz TO 108,0 MHz**

FOREWORD

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International Standard IEC 62106 has been prepared by technical area 1: Terminals for audio, video and data services and contents, of IEC technical committee 100: Audio, video and multimedia systems and equipment.

This third edition cancels and replaces the second edition, published in 2009 and constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- for the RDS feature EON and the use of group types 14A and 14B some additional explanations were added;
- in Annex E, containing the character code tables to be used in RDS, the explanation for Table E.1 and Table E.2 was extended;
- several small typing errors were corrected;
- to Enhanced RadioText in Annex Q an additional explanation was added.