



**SLOVENSKI STANDARD
SIST EN IEC 61162-1:2024**

01-julij-2024

Pomorska navigacijska in radiokomunikacijska oprema in sistemi - Digitalni vmesniki - 1. del: Enosmerna komunikacija: en govorec - več poslušalcev (IEC 61162-1:2024)

Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 1: Single talker and multiple listeners (IEC 61162-1:2024)

Navigations- und Funkkommunikationsgeräte und -systeme für die Seeschifffahrt - Digitale Schnittstellen - Teil 1: Ein Datensender und mehrere Datenempfänger (IEC 61162-1:2024)

Matériels et systèmes de navigation et de radiocommunication maritimes - Interfaces numériques - Partie 1: Émetteur unique et récepteurs multiples (IEC 61162-1:2024)

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**Maritime navigation and radiocommunication equipment and
systems - Digital interfaces - Part 1: Single talker and multiple
listeners
(IEC 61162-1:2024)**

Matériels et systèmes de navigation et de
radiocommunication maritimes - Interfaces numériques -
Partie 1: Émetteur unique et récepteurs multiples
(IEC 61162-1:2024)

Navigations- und Funkkommunikationsgeräte und -systeme
für die Seeschifffahrt - Digitale Schnittstellen - Teil 1: Ein
Datensender und mehrere Datenempfänger
(IEC 61162-1:2024)

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 61162-1:2024 (E)**European foreword**

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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) 2025-02-09
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2027-05-09

This document supersedes EN 61162-1:2016 and all of its amendments and corrigenda (if any).

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The text of the International Standard IEC 61162-1:2024 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 61023	NOTE Approved as EN 61023
IEC 61108-1	NOTE Approved as EN 61108-1
IEC 61108-2	NOTE Approved as EN 61108-2
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IEC 61108-5	NOTE Approved as EN IEC 61108-5
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IEC 62320-2	NOTE Approved as EN 62320-2
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EN IEC 61162-1:2024 (E)**Annex ZA**
(normative)**Normative references to international publications
with their corresponding European publications**

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where 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: www.cencenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60945	-	Maritime navigation and radiocommunication equipment and systems - General requirements - Methods of testing and required test results	EN 60945	-
ISO/IEC 8859-1	1998	Information technology - 8-bit single-byte coded graphic character sets - Part 1: Latin alphabet No.1	-	-
ITU-T Recommendation X.27/V.11	1996	Electrical characteristics for balanced double-current interchange circuits operating at data signalling rates up to 10 Mbit/s	-	-

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INTERNATIONAL STANDARD

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**Maritime navigation and radiocommunication equipment and systems – Digital interfaces –
Part 1: Single talker and multiple listeners**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**MARITIME NAVIGATION AND RADIOCOMMUNICATION
EQUIPMENT AND SYSTEMS – DIGITAL INTERFACES –****Part 1: Single talker and multiple listeners**

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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IEC 61162-1 has been prepared by IEC technical committee 80: Maritime navigation and radiocommunication equipment and systems. It is an International Standard.

This sixth edition cancels and replaces the fifth edition published in 2016. This edition constitutes a technical revision.

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

- a) alternative hardware is given in 5.1 which may now be as specified in this document or as specified in IEC 61162-2;
- b) the data transmission rate given in Clause 6 is now configurable. The default remains as 4 800 (bits/s) but higher rates may be provided;