



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61162-2:1999

ICS 47.020.70

**MARITIME NAVIGATION AND
RADIOCOMMUNICATION EQUIPMENT AND
SYSTEMS DIGITAL INTERFACES PART 2:
SINGLE TALKER AND MULTIPLE LISTENERS,
HIGH-SPEED TRANSMISSION (IEC
61162-2:1998)**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61162-2

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English version

Maritime navigation and radiocommunication equipment and systems
Digital interfaces
Part 2: Single talker and multiple listeners, high-speed transmission
(IEC 61162-2:1998)

Matériels et systèmes de navigation et
de radiocommunication maritimes
Interfaces numériques
Partie 2: Emetteur unique et récepteurs
multiples, transfert rapide de données
(CEI 61162-2:1998)

Navigations- und
Funkkommunikationsgeräte
und -systeme für die Seeschifffahrt
Digitale Schnittstellen
Teil 2: Ein Datensender und mehrere
Datenempfänger,
Hochgeschwindigkeitsübertragung
(IEC 61162-2:1998)

This European Standard was approved by CENELEC on 1998-10-01. 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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC 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 CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 80/189/FDIS, future edition 1 of IEC 61162-2, prepared by IEC TC 80, Maritime navigation and radiocommunication equipment and systems, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61162-2 on 1998-10-01.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 1999-07-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2001-07-01

Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given for information only.

In this standard, annex ZA is normative and annexes A and B are informative.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61162-2:1998 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)**Normative references to international publications
with their corresponding European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE: When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60945	1996	Maritime navigation and radiocommunication equipment and systems General requirements, methods of testing and required test results	EN 60945	1997
IEC 61162-1	1995	Maritime navigation and radiocommunication equipment and systems Digital interfaces Part 1: Single talker and multiple listeners	EN 61162-1	1996
ITU-T V.11	1996	Electrical characteristics for balanced double-current interchange circuits operating at data signalling rates up to 10 Mbits/s	-	-
NMEA 0183 Version 2.30	1998	National marine electronics association (USA) - Standard for interfacing marine electronic navigational devices	-	-
EIA 485	1991	Electrical characteristics of generators and receivers for use in balanced digital multipoint systems	-	-

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