



SLOVENSKI STANDARD
SIST EN 62388:2008
01-junij-2008

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Maritime navigation and radio-communication equipment and systems - Shipborne radar
- Performance requirements, methods of testing and required test results (IEC
62388:2007)

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Navigations- und Funkkommunikationsgeräte und -systeme - Radar - Radar für Schiffe -
Leistungsanforderungen - Prüfverfahren und geforderte Prüfergebnisse (IEC
62388:2007)

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Equipements et systemes de navigation et de radio-communications maritimes - Radars
embarqués - Exigences de performance - Méthodes de test et résultats attendus (CEI
62388:2007)

Ta slovenski standard je istoveten z: EN 62388:2008

ICS:

47.020.70	Navigacijska in krmilna oprema	Navigation and control equipment
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English version

**Maritime navigation and radiocommunication equipment and systems -
Shipborne radar -
Performance requirements, methods of testing and required test results
(IEC 62388:2007)**

Equipements et systèmes de navigation
et de radio-communications maritimes -
Radars embarqués -
Exigences de performance,
méthodes de test et résultats attendus
(CEI 62388:2007)

Navigations- und
Funkkommunikationsgeräte und -systeme
für die Seeschifffahrt -
Radar für Schiffe -
Leistungsanforderungen, Prüfverfahren
und geforderte Prüfergebnisse
(IEC 62388:2007)

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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.

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CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the 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 80/494/FDIS, future edition 1 of IEC 62388, 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 62388 on 2008-02-01.

This European Standard supersedes EN 60936 series (radar) and EN 60872 series (plotting).

Contents from the previous radar series (EN 60936-1, EN 60936-2 and EN 60936-3) and plotting series (EN 60872-1, EN 60872-2 and EN 60872-3) of standards have been included, as appropriate.

EN 62388:2008 supports the new IMO performance standards for shipborne radar, Resolution MSC.192(79) adopted by the IMO in December 2004. Resolution MSC.192(79) supersedes all previous IMO resolutions relating to radar and plotting, including IMO Resolutions A.278(VIII), A.477(XII) and MSC 64(67) Annex 4.

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) 2008-11-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2011-02-01

Annex ZA has been added by CENELEC.

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Endorsement notice

The text of the International Standard IEC 62388:2007 was approved by CENELEC as a European Standard without any modification.

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Annex ZA
(normative)

**Normative references to international publications
with their corresponding European publications**

The following referenced documents are indispensable for the application 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 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	- ¹⁾	Maritime navigation and radiocommunication equipment and systems - General requirements - Methods of testing and required test results	EN 60945	2002 ²⁾
IEC 61162	Series	Maritime navigation and radiocommunication equipment and systems - Digital interfaces	EN 61162	Series
IEC 61174	- ¹⁾	Maritime navigation and radiocommunication equipment and systems - Electronic chart display and information system (ECDIS) - Operational and performance requirements, methods of testing and required test results	EN 61174	2001 ²⁾
IEC 61966-4	- ¹⁾	Multimedia systems and equipment - Colour measurement and management - Part 4: Equipment using liquid crystal display panels	EN 61966-4 SIST EN 62388:2008	2000 ²⁾
IEC 61996	Series	Maritime navigation and radiocommunication equipment and systems - Shipborne voyage data recorder (VDR)	-	-
ISO 9000	- ¹⁾	Quality management systems - Fundamentals and vocabulary	EN ISO 9000	2005 ²⁾
ISO 9241-8	- ¹⁾	Ergonomic requirements for office work with visual display terminals (VDTs) - Part 8: Requirements for displayed colours	EN ISO 9241-8	1997 ²⁾
ISO 9241-12	- ¹⁾	Ergonomic requirements for office work with visual display terminals (VDTs) - Part 12: Presentation of information	EN ISO 9241-12	1998 ²⁾
ISO 13406-2	- ¹⁾	Ergonomic requirements for work with visual displays based on flat panels - Part 2: Ergonomic requirements for flat panel displays	EN ISO 13406-2	2001 ²⁾
ISO 80416-4	- ¹⁾	Basic principles for graphical symbols for use on equipment - Part 4: Guidelines for the adaptation of graphical symbols for use on screens and displays (icons)	-	-
ITU-R Recommendation M.628-4	2006	Technical characteristics for search and rescue radar transponders	-	-

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ITU-R Recommendation M.824-3	2007	Technical parameters of radar beacons (racons)	-	-
ITU-R Recommendation M.1176	1995	Technical parameters of radar target enhancers	-	-
IHO S-52	1996	Specifications for chart content and display aspects of ECDIS	-	-
IHO S-52 Appendix 1	1996	Guidance on updating the ENC	-	-
IHO S-52 Appendix 2	2004	Colour and symbol specifications for ECDIS	-	-
IMO SOLAS	1974	Convention for Safety Of Life At Sea (SOLAS)-	-	-
IMO Resolution A.694 (17)	1991	General requirements for shipborne radio equipment forming part of the Global Maritime Distress and Safety System (GMDSS) and for electronic navigational aids	-	-
IMO Resolution A.817(19)	1995	Performance standards for Electronic Chart Display and Information Systems (ECDIS)	-	-
IMO Resolution MSC.96(72)	- ¹⁾	Performance standards for devices to measure and indicate speed and distance	-	-
IMO Resolution MSC.112(73)	- ¹⁾	Performance standards for shipborne Global Positioning System (GPS) receiver equipment	-	-
IMO Resolution MSC.191(79)	2004	Performance standards for the presentation of navigation-related information on shipborne navigational displays	-	-
IMO Resolution MSC.192(72)	2004	Revised performance standards for radar equipment	-	-
IMO SN/Circ.243	2004	Guidelines for the presentation of navigation related symbols, terms and abbreviation	-	-
CIE 15	2004	Colorimetry	-	-
VESA-2001-6	2001	Flat Panel Display Measurements (FPDM)	-	-

INTERNATIONAL STANDARD

**Maritime navigation and radiocommunication equipment and systems –
Shipborne radar – Performance requirements, methods of testing and required
test results**

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