



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 62252:2004

ICS 47.020.70

**MARITIME NAVIGATION AND
RADIOCOMMUNICATION EQUIPMENT AND
SYSTEMS - RADAR FOR CRAFT NOT IN
COMPLIANCE WITH IMO SOLAS CHAPTER V -
PERFORMANCE REQUIREMENTS, METHODS
OF TEST AND REQUIRED TEST RESULTS
(IEC 62252:2004)**

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EUROPEAN STANDARD

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English version

**Maritime navigation and radiocommunication equipment and systems –
Radar for craft not in compliance with IMO SOLAS Chapter V –
Performance requirements, methods of test and required test results
(IEC 62252:2004)**

Matériels et systèmes de navigation
et de radiocommunication maritimes –
Radars pour navires non conformes
au Chapitre V de l'OMI-SOLAS –
Exigences d'exploitation et
de fonctionnement, méthodes d'essai
et résultats d'essai exigés
(CEI 62252:2004)

Navigations- und Funk-
kommunikationsgeräte und -systeme
für die Seeschifffahrt –
Radar für Schiffe, die nicht IMO SOLAS
Kapitel V entsprechen –
Leistungsanforderungen, Prüfverfahren
und geforderte Prüfergebnisse
(IEC 62252:2004)

This European Standard was approved by CENELEC on 2004-10-01. 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, 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 80/393/FDIS, future edition 1 of IEC 62252, 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 62252 on 2004-10-01.

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) | 2005-07-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2007-10-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62252:2004 was approved by CENELEC as a European Standard without any modification.

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 Where 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 60068-2-52 Corr. July	1996 1996	Environmental testing Part 2: Tests - Test Kb: Salt mist, cyclic (sodium chloride solution)	EN 60068-2-52	1996
IEC 60071-2	1996	Insulation co-ordination Part 2: Application guide	EN 60071-2	1997
IEC 60092-101	- ¹⁾	Electrical installations in ships Part 101: Definitions and general requirements	-	-
IEC 60417	database	Graphical symbols for use on equipment	-	-
IEC 60529	1989	Degrees of protection provided by enclosures (IP Code)	EN 60529 + corr. May	1991 1993
IEC 60533	1999	Electrical and electronic installations in ships - Electromagnetic compatibility	-	-
IEC 60872-2	1999	Maritime navigation and radiocommunication equipment and systems - Radar plotting aids Part 2: Automatic tracking aids (ATA) - Methods of testing and required test results	EN 60872-2	1999
IEC 60872-3	2000	Part 3: Electronic plotting aid (EPA) - Performance requirements - Methods of testing and required test results	EN 60872-3	2001
IEC 60936-1	1999	Maritime navigation and radiocommunication equipment and systems - Radar Part 1: Shipborne radar - Performance requirements - Methods of testing and required test results	EN 60936-1	2000
IEC 60936-2	1998	Part 2: Shipborne radar for high-speed craft (HSC) - Methods of testing and required test results	EN 60936-2	1999

¹⁾ Undated reference.

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60936-3	2002	Part 3: Radar with chart facilities - Performance requirements - Methods of testing and required test results	EN 60936-3	2002
IEC 60945	- ¹⁾	Maritime navigation and radiocommunication equipment and systems - General requirements - Methods of testing and required test results	EN 60945	2002 ²⁾
IEC 61000-4-8	1993	Electromagnetic compatibility (EMC) Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test	EN 61000-4-8	1993
IEC 61108	Series	Maritime navigation and radiocommunication equipment and systems - Global navigation satellite systems (GNSS)	EN 61108	Series
IEC 61162	Series	Maritime navigation and radiocommunication equipment and systems - Digital interfaces	EN 61162	Series
IEC 61672	Series	Electroacoustics-Sound level meters	-	-
IEC/PAS 60936-5	- ¹⁾	Maritime navigation and radiocommunication equipment and systems - Radar Part 5: Guidelines for the use and display of AIS information on radar	-	-
ISO 694	2000	Ships and marine technology - Positioning of magnetic compasses in ships	EN ISO 694	2001
ISO 3791	1976	Office machines and data processing equipment - Keyboard layouts for numeric applications	-	-
ITU Radio Regulations	2001	Radio Regulations	-	-
ITU-R Recommendation M.1177-3	- ¹⁾	Techniques for measurement of unwanted emissions of radar systems	-	-
ITU-R Recommendation M.1313	- ¹⁾	Technical characteristics of maritime radionavigation radars	-	-
ITU-R Recommendation SM.328-9	- ¹⁾	Spectra and bandwidth of emissions	-	-

²⁾ Valid edition at date of issue.

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