



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61924:2006

ICS 47.020.70

**MARITIME NAVIGATION AND
RADIOCOMMUNICATION EQUIPMENT AND
SYSTEMS - INTEGRATED NAVIGATION
SYSTEMS - OPERATIONAL AND
PERFORMANCE REQUIREMENTS,
METHODS OF TESTING AND REQUIRED
TEST RESULTS**

National Standards
Authority of Ireland
Glasnevin, Dublin 9
Ireland

Tel: +353 1 807 3800
Fax: +353 1 807 3838
<http://www.nsai.ie>

Sales
<http://www.standards.ie>

*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland and comes into
effect on:
18 July 2006*

**NO COPYING WITHOUT NSAI
PERMISSION EXCEPT AS
PERMITTED BY COPYRIGHT
LAW**

© NSAI 2006

Price Code Q

Údarás um Chaighdeán Náisiúnta na hÉireann

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61924

June 2006

ICS 47.020.70

English version

**Maritime navigation and radiocommunication
equipment and systems -
Integrated navigation systems -
Operational and performance requirements,
methods of testing and required test results
(IEC 61924:2006)**

Matériels et systèmes de
navigation et de radiocommunication -
Systèmes de navigation intégrés -
Exigences opérationnelles et
de fonctionnement,
méthodes d'essai et résultats exigibles
(CEI 61924:2006)

Navigations- und
Funkkommunikationsgeräte
und -systeme für die Seeschifffahrt -
Integrierte Navigationssysteme -
Betriebs- und Leistungsanforderungen,
Prüfverfahren und
geforderte Prüfergebnisse
(IEC 61924:2006)

This European Standard was approved by CENELEC on 2006-06-01. 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 two official versions (English and 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, 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 80/433/FDIS, future edition 1 of IEC 61924, 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 61924 on 2006-06-01.

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) 2007-03-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2009-06-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61924:2006 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 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	2002	Maritime navigation and radiocommunication equipment and systems - General requirements - Methods of testing and required test results	EN 60945	2002
IEC 61162-1	- ¹⁾	Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 1: Single talker and multiple listeners	EN 61162-1	2000 ²⁾
IEC 61162-2	- ¹⁾	Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 2: Single talker and multiple listeners, high-speed transmission	EN 61162-2	1998 ²⁾
IEC 61174	2001	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
IEC 61209	1999	Maritime navigation and radiocommunication equipment and systems - Integrated bridge systems (IBS) - Operational and performance requirements, methods of testing and required test results	EN 61209	1999
IEC 62065	2002	Maritime navigation and radiocommunication equipment and systems - Track control systems - Operational and performance requirements, methods of testing and required test results	EN 62065	2002
IMO A.224(VII)	- ¹⁾	Performance standards for echo-sounding equipment	-	-
IMO A.424(XI)	- ¹⁾	Performance standards for gyro-compasses	-	-
IMO A.529(XIII)	- ¹⁾	Accuracy standards for navigation	-	-

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

EN 61924:2006

- 4 -

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IMO A.694(17)	- ¹⁾	General requirements for shipborne radio equipment forming part of the global maritime distress and safety system (GMDSS) and for electronic navigational aids	-	-
IMO A.815(19)	- ¹⁾	Worldwide radionavigation system	-	-
IMO A.821(19)	- ¹⁾	Performance standards for gyro-compasses for high-speed craft	-	-
IMO A.823(19)	- ¹⁾	Performance standards for automatic radar plotting aids (ARPAs)	-	-
IMO A.824(19)	- ¹⁾	Performance standards for devices to indicate speed and distance	-	-
IMO A.830(19)	- ¹⁾	Code on alarms and indicators	-	-
IMO A.893(21)	- ¹⁾	Guidelines for voyage planning	-	-
IMO	1974	International Convention for the Safety of Life at Sea (SOLAS)	-	-
IMO MSC.64(67) Annex 1	- ¹⁾	Recommendation on performance standards for integrated bridge systems (IBS)	-	-
IMO MSC.64(67) Annex 4	- ¹⁾	Recommendation on performance standards for radar equipment	-	-
IMO MSC.86(70) Annex 3	- ¹⁾	Performance standards for an integrated navigation system (INS)	-	-
ISO 11674	2000	Ships and marine technology - Heading control systems	-	-

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- Looking for additional Standards? Visit Intertek Inform Infostore
 - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-