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IRISH STANDARD

**I.S. EN 60872-2:1999**

ICS 33.060.01

47.020.70

**MARITIME NAVIGATION AND  
RADIOCOMMUNICATION EQUIPMENT AND  
SYSTEMS RADAR PLOTTING AIDS. PART 2:  
AUTOMATIC TRACKING AIDS (ATA) METHODS  
OF TESTING AND REQUIRED TEST RESULTS  
(IEC 60872-2:1999)**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60872-2**

April 1999

ICS 33.060.01; 47.020.70

English version

**Maritime navigation and radiocommunication equipment and systems**  
**Radar plotting aids**  
**Part 2: Automatic tracking aids (ATA)**  
**Methods of testing and required test results**  
**(IEC 60872-2:1999)**

Navigations- und  
Funkkommunikationsgeräte  
und -systeme für die Seeschifffahrt  
Teil 2: Automatische Trackhilfen (ATA)  
Leistungsanforderungen, Prüfverfahren  
und geforderte Prüfergebnisse  
(IEC 60872-2:1999)

This European Standard was approved by CENELEC on 1999-04-01. 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 80/195/FDIS, future edition 1 of IEC 60872-2, 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 60872-2 on 1999-04-01.

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) 2000-01-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2002-01-01

Annexes designated "normative" are part of the body of the standard.  
In this standard, annexes A, B, C, D, E and ZA are normative.  
Annex ZA has been added by CENELEC.

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### **Endorsement notice**

The text of the International Standard IEC 60872-2:1999 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**

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 60872-1	1998	Maritime navigation and radiocommunication equipment and systems Radar plotting aids Part 1: Automatic radar plotting aids (ARPA) Methods of testing and required test results	EN 60872-1	1998
IEC 60872-3	- <sup>1)</sup>	Part 3: Electronic plotting aids (EPA) Methods of testing and required test results	-	-
IEC 60936-1	- <sup>1)</sup>	Maritime navigation and radiocommunication equipment and systems Radar Part 1: Shipborne radar - Performance requirements - Methods of testing and required test results	-	-
IEC 60936-2	1998	Part 2: Shipborne radar for high-speed craft (HSC) - Methods of testing and required test results	EN 60936-2	1999
IEC 60945	1996	Maritime navigation and radiocommunication equipment and systems General requirements - Methods of testing and required test results	EN 60945	1997
IEC 61162	series	Maritime navigation and radiocommunication equipment and systems Digital interfaces	EN 61162	series
ISO 9000	series	Quality management and quality assurance standards	EN ISO 9000	series

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1) To be published.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IMO Resolution A.694	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.820	1995	Performance standards for navigational radar equipment for high-speed craft	-	-
IMO A.823	1995	Performance standards for automatic radar plotting aids (ARPAs)	-	-
IMO A.824	1995	Performance standards for devices to indicate speed and distance	-	-
IMO MSC. 64(67)	1996	Annex 4 - Performance standards for radar equipment	-	-
IHO S-52	1996	Specifications for chart content and display aspects of ECDIS	-	-

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