



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 61135:1995**

ICS 33.060.30  
47.020.70

**DECCA NAVIGATOR SYSTEM: RECEIVERS  
FOR SHIPS MINIMUM PERFORMANCE  
STANDARDS – METHODS OF TESTING AND  
REQUIRED TEST RESULTS (IEC 1135:1992)**

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:*

*July 14, 1995*

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

© NSAI 1995

**Price Code F**

Údarás um Chaighdeáin Náisiúnta na hÉireann



EUROPEAN STANDARD

EN 61135

NORME EUROPEENNE

EUROPÄISCHE NORM

July 1994

---

UDC 621.396.962:656.61.052:620.1

Descriptors: Marine navigational equipment, minimum performance standards, methods of testing, required test results, decca navigator system, receivers for ships

ENGLISH VERSION

Decca Navigator system: Receivers for ships  
Minimum performance standards - Methods of  
testing and required test results  
(IEC 1135:1992)

Système Decca Navigator:  
Récepteurs pour navires  
Spécifications minimales de  
fonctionnement - Méthodes  
d'essai et résultats exigibles  
(CEI 1135:1992)

Decca-Navigator-System:  
Schiffsempfänger  
Mindest-Leistungsanforderungen  
Prüfverfahren und geforderte  
Prüfergebnisse  
(IEC 1135:1992)

---

This European Standard was approved by CENELEC on 1994-03-08.  
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, 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 CENELEC questionnaire procedure, performed for finding out whether or not the International Standard IEC 1135:1992 could be accepted without textual changes, has shown that no common modifications were necessary for the acceptance as European Standard.

The reference document was submitted to the CENELEC members for formal vote and was approved by CENELEC as EN 61135 on 8 March 1994.

The following dates were fixed:

- latest date of publication of an identical national standard (dop) 1995-03-15
- latest date of withdrawal of conflicting national standards (dow) 1995-03-15

For products which have complied with the relevant national standard before 1995-03-15, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2000-03-15.

Annexes designated "normative" are part of the body of the standard. In this standard, annex ZA is normative.

### ENDORSEMENT NOTICE

The text of the International Standard IEC 1135:1992 was approved by CENELEC as a European Standard without any modification.

-----

## ANNEX ZA (normative)

OTHER INTERNATIONAL PUBLICATIONS QUOTED IN THIS STANDARD  
WITH THE REFERENCES OF THE RELEVANT 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.

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

IEC Publication	Date	Title	EN/HD	Date
-----	----	-----	-----	-----
945	1988	Marine navigational equipment - General requirements - Methods of testing and required test results	EN 60945	1993

## Other publications:

-----  
IMO Resolution A.479 (XII) - Performance standards for shipborne receivers for use with differential omega

CCIR Report 915-1:1986 - Interference between fixed, maritime mobile and radio navigation services in the bands between 70 kHz and 130 kHz

CCIR Recommendation 589-1:1986 - Interference to radionavigation services from other services in the bands between 70 kHz and 130 kHz



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](#)
-