

# INTERNATIONAL STANDARD

# IEC 61023

Second edition  
1999-07

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**Maritime navigation and radiocommunication  
equipment and systems –**

**Marine speed and distance measuring  
equipment (SDME) –**

**Performance requirements –**

**Methods of testing and required test results**

*Matériels et systèmes de navigation et  
de radiocommunication maritimes –*

*Instruments de mesure de la vitesse et  
de la distance pour navires (Lochs) –*

*Exigences de fonctionnement –*

*Méthodes d'essai et résultats d'essai exigés*



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- **IEC web site\***
- **Catalogue of IEC publications**  
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(On-line catalogue)\*
- **IEC Bulletin**  
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## Terminology, graphical and letter symbols

For general terminology, readers are referred to IEC 60050: *International Electrotechnical Vocabulary* (IEV).

For graphical symbols, and letter symbols and signs approved by the IEC for general use, readers are referred to publications IEC 60027: *Letter symbols to be used in electrical technology*, IEC 60417: *Graphical symbols for use on equipment. Index, survey and compilation of the single sheets* and IEC 60617: *Graphical symbols for diagrams*.

\* See web site address on title page.

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Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**MARITIME NAVIGATION AND RADIOCOMMUNICATION  
EQUIPMENT AND SYSTEMS –****Marine speed and distance measuring equipment (SDME) –  
Performance requirements – Methods of testing and required test results**

## FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 61023 has been prepared by IEC technical committee 80: Maritime navigation and radiocommunication equipment and systems.

This second edition cancels and replaces the first edition published in 1990 of which it constitutes a technical revision.

The text of this standard is based on the following documents:

FDIS	Report on voting
80/214/FDIS	80/236/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 3.

The committee has decided that this publication remains valid until 2004.

At this date, in accordance with the committee's decision, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

Annex A is for information only.

A bilingual version of this standard may be issued at a later date.