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Maritime navigation and radiocommunication equipment and systems – Digital interfaces –
Part 1: Single talker and multiple listeners

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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FOREWORD

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International Standard IEC 61162-1 has been prepared by IEC technical committee 80: Maritime navigation and radiocommunication equipment and systems.

This fourth edition cancels and replaces the third edition published in 2007, and constitutes a technical revision.

The main changes with respect to the previous edition are listed below:

- in Table 1 the "comment" block delimiter has been renamed "TAG" block delimiter,
- new identifiers have been added to Table 4,
- the following sentences have been removed from 8.3 as they are not used by other standards prepared by technical committee 80: ALM and MLA which described almanac data from satellite navigation systems, DCN which described DECCA data, DSI and DSR

which controlled the DSC transponder, GLC and LCD which described LORAN data, and GMP which supported land use of map projections,

- new sentences CBR, GFA, HBT, NAK, MEB, POS, TTD and VER have been added,
- corrections have been made to the following sentences: ABK, BBM, DOR, FIR, SSD, TUT, and VTG,
- extra fields have been added to AIR to support further ITU messages,
- new fields have been added to GBS, GRS, GSA and GSV to support new satellite navigation systems,
- a new navigational status indicator has been added to GNS and RMC,
- a new sentence status flag had been added to DDC, FSI, HSC and NRM,
- three additional tests have been added to Annex B.

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

FDIS	Report on voting
80/606/FDIS	80/609/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 2.

A list of all parts of the IEC 61162 series, published under the general title *Maritime navigation and radiocommunication equipment and systems – Digital interfaces*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

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- withdrawn,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

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

IMPORTANT – The "colour inside" logo on the cover page of this publication indicates that it contains colours which are considered to be useful for the correct understanding of its contents. Users should therefore print this publication using a colour printer.