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## **Ships and marine technology — Marine electromagnetic compasses**

*Navires et technologie maritime — Compas électromagnétiques de  
marine*



Reference number  
ISO 11606:2022(E)

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## Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 8, *Ships and marine technology*, Subcommittee SC 6, *Navigation and ship operations*.

This third edition cancels and replaces the second edition (ISO 11606:2000), which has been technically revised. It also incorporates the Technical Corrigendum ISO 11606:2000/Cor 1:2005.

The main changes are as follows:

- in [Clause 1](#), added text relating to IMO Resolution MSC.166(78) and the applicability of this document;
- in [Clause 2](#), replaced ISO 449:1997 with ISO 25862:2019, and deleted IEC 61162-1, IEC 61162-2 and IMO Resolution MSC.86(70);
- in [Clause 3](#), added term *electromagnetic compass* ([3.1](#));
- in [5.7](#) and [11.1.12](#), added a provision on displays for presentation and a reference to IEC 62288;
- in [5.10](#), updated interface requirements;
- in [7.3](#), updated failure alarm requirements;
- in [11.2.9](#), updated other environmental conditions requirements;
- deleted former Annex A;
- in the Bibliography, added ISO 22090-2, IEC 61162-1, IEC 61162-2, IEC 61162-450, IEC 62288, IEC 62923-1, IEC 62923-2, IMO Resolution MSC.86(70), IMO Resolution MSC.166(78), IMO Resolution MSC.191(79), IMO Resolution MSC.302(87) and IMO Resolution MSC.466(101).

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