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ISO 8728

**Ships and marine technology —
Marine gyro-compasses**

Navires et technologie maritime — Compas gyroscopiques à usage marin

**Fourth edition
2024-01**

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

This fourth edition cancels and replaces the third edition (ISO 8728:2014), which has been technically revised.

The main changes are as follows:

- [Clause 4](#) (abbreviated terms) has been added;
- in [6.3](#), requirements related to bridge alert management have been added;
- in [7.1](#), a requirement for display equipment has been added;
- in [7.12](#), test method for requirements related to bridge alert management has been added;
- in [Annex B](#), the equivalent requirements in this document and IMO Resolution have been deleted and the alerts with a standard alert identifier have been defined;
- in [Annex C](#), IEC 61162 interfaces overview has been added;
- the normative references and bibliography have been updated.

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This document is aligned with IMO Resolution A.424(XI) on performance standards for gyro-compasses.

Any text in this document which is a citation from the IMO Resolution A.424(XI), appears in italics. Within these citations, any changes to the original wording of the IMO Resolution A.424(XI) are written in upright font.

In this document, the following verbal forms are used:

- “shall” indicates a requirement;
- “should” indicates a recommendation;
- “may” indicates a permission;
- “can” indicates a possibility or a capability.