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Ships and marine technology — Air-conditioning and ventilation of accommodation spaces and other enclosed compartments on board ships — Design conditions and basis of calculations

*Navires et technologie maritime — Conditionnement d'air et
ventilation des emménagements et autres compartiments fermés à
bord des navires — Conditions de conception et bases de calcul*



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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).

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This document was prepared by Technical Committee ISO/TC 8, *Ships and marine technology*, Subcommittee SC 3, *Piping and machinery*.

This third edition cancels and replaces the second edition (ISO 7547: 2002), as well as ISO 8862:1987, ISO 8863:1987, ISO 8864:1987 and ISO 9099:1987, which have been technically revised. It also incorporates the Technical Corrigendum ISO 7547:2002/Cor.1:2008.

The main changes are as follows:

- incorporation of smaller ship ventilation standards (ISO 8862, ISO 8863, ISO 8864, ISO 9099) into this document;
- minor editorial changes made in conformity with the ISO/IEC Directives, Part 2, 2021.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.