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**Ships and marine technology — Ships'  
ordinary rectangular windows**

*Navires et technologie maritime — Fenêtres rectangulaires de type  
courant pour navires*



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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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.

ISO 3903 was prepared by Technical Committee ISO/TC 8, *Ships and marine technology*, Subcommittee SC 8, *Ship design*.

This third edition cancels and replaces the second edition (ISO 3903:1993), which has been technically revised.

# Ships and marine technology — Ships' ordinary rectangular windows

## 1 Scope

This International Standard specifies the classification of rectangular windows for ships (series, types and models), and gives the dimensions for interchangeability and construction, materials, tests, marking and designation of these rectangular windows.

NOTE 1 This International Standard is based on the experience of ships' window and glass manufacturers, shipbuilders and authorities who apply to ships the Regulations of the *International Convention for the Safety of Life at Sea, 1974 (SOLAS 1974)*, as amended, and of the *International Convention of Load Lines, 1966*, as amended.

## 2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 261, *ISO general purpose metric screw threads — General plan*

ISO 614, *Ships and marine technology — Toughened safety glass panes for rectangular windows and side scuttles — Punch method of non-destructive strength testing*

ISO 1207, *Slotted cheese head screws — Product grade A*

ISO 1580, *Slotted pan head screws — Product grade A*

ISO 2009, *Slotted countersunk flat head screws — Product grade A*

ISO 2010, *Slotted raised countersunk head screws — Product grade A*

ISO 3434, *Shipbuilding and marine structures — Heated glass panes for ships' rectangular windows*

ISO 3902, *Shipbuilding and marine structures — Gaskets for rectangular windows and side scuttles*

ISO 5779, *Shipbuilding — Ordinary rectangular windows — Positioning*

ISO 5797, *Shipbuilding and marine structures — Windows and side scuttles for fire-resistant constructions*

ISO 6345, *Shipbuilding and marine structures — Windows and side scuttles — Vocabulary*

ISO 7045, *Pan head screws with type H or type Z cross recess — Product grade A*

ISO 7046-2, *Countersunk flat head screws (common head style) with type H or type Z cross recess — Product grade A — Part 2: Steel screws of property class 8.8, stainless steel screws and non-ferrous metal screws*

ISO 7047, *Raised countersunk head screws (common head style) with type H or type Z cross recess — Product grade A*

ISO 21005, *Ships and marine technology — Thermally toughened safety glass panes for windows and side scuttles*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 6345 apply.