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**NATIONAL STANDARD OF THE  
PEOPLE'S REPUBLIC OF CHINA**

**GB/T 14413-2026**

Replacing GB/T 14413-2008

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**Marine side scuttles**

船用舷窗

**(English Translation)**

**Issued on: July 30, 2026**

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## Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents".

Drafting.

This document replaces GB/T 14413-2008 "Marine Portholes". Compared with GB/T 14413-2008, the main differences are structural adjustments and editorial changes.

Aside from the changes, the main technical changes are as follows.

- a) The fire resistance rating "H" has been added (see 4.1);
- b) Changed "Window Base" to "Main Window Frame" and "Window Frame" to "Window Sash Frame" (see 4.3 and examples of markings in various figures, 4.3 in the 2008 edition).  
(and examples of markings in each figure);
- c) A 450mm diameter specification has been added to the Type A window specifications (see Tables 3-8);
- d) The major part designations and standard numbers have been changed (see Table 28, Table 26 in the 2008 edition);
- e) The maximum allowable pressure for Type A specification 450mm has been increased (see Table A.1).

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed and is under the jurisdiction of the National Technical Committee on Ship Outfitting Standardization (SAC/TC129).

## 1 Scope

This document specifies the classification and designation, technical requirements, inspection rules, marking, packaging, and transportation of marine portholes (hereinafter referred to as "portholes").

Storage and experimental methods were described.

This document applies to the design, manufacture, and inspection of portholes for marine vessels.

## 2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included.

For references to documents, only the version corresponding to that date applies to this document. For undated references, the latest version (including all amendments) applies.

This document.

GB/T 191 Packaging and Storage Graphic Symbols GB/T 700-2006 Carbon Structural Steel GB/T 712-2022 Structural Steel for Shipbuilding and Marine Engineering GB/T 1176-2013 Cast copper and copper alloys GB/T 3190-2020 Chemical Composition of Wrought Aluminum and Aluminum Alloys GB/T 3385 Tempered safety glass for marine portholes and rectangular windows - Non-destructive strength test - Stamping method GB/T 6388 Transport Packaging Receipt and Delivery Marks GB/T 8753.1 Evaluation method for the sealing quality of anodic oxide films on aluminum and aluminum alloys - Part 1: Acid etching weight loss method GB/T 10610 Product Geometric Specification (GPS) - Rules and methods for evaluating surface structure using the surface structure profile method GB 11946 Tempered safety glass for marine use GB/T 14356 Marine Porthole Positioning GB/T 17434 Technical requirements for fire-resistant windows for marine use CB/T 3873 Sealing gaskets for marine portholes and rectangular windows CB/Z343 Hot-dip galvanized steel parts for marine applications

## 3 Terms and Definitions

The terms and definitions defined in GB/T 17384 and the following terms and definitions apply to this document.

nominal size

The diameter of the circular light-transmitting part of the porthole.

## Fastener

The term refers to the hinge bolts in the porthole hinges and locking devices that ensure the strength and watertightness of the portholes.

**Note:** Hinges with oblong hinge holes are not considered fasteners.