

ICS 47.020.01
CCS U 04



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

GB/T 8242.1-1987

Replacing GB/T 8242.1-1987, GB/T 8242.2-1987, GB/T 8242.3-1987, GB/T 8242.4-1987

**Hull equipment - Terminology
(English Translation)**

Issued on: December 31, 2025

Implemented on: July 1, 2026

Issued by: State Administration for Market Regulation

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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 supersedes GB/T 8242.1-1987 "Terminology for Ship Equipment - Marine Equipment" and GB/T 8242.2-1987 "Terminology for Ship Equipment".

"Mooring Equipment", GB/T 8242.3-1987 "Terminology for Ship Equipment - Deck Attachments", GB/T 8242.4-1987 "Terminology for Ship Equipment" Compared with GB/T 8242.1~8242.4-1987, the main technical changes in "Lifesaving Equipment" are as follows, except for structural adjustments and editorial modifications.

---Added terms and definitions for marine equipment, steering gear, mast equipment, lifting equipment, and energy-saving devices (see 3.1.1~3.1.5);

---Added steering gear, main steering gear, auxiliary steering gear, emergency steering gear, electric steering gear, and electro-hydraulic steering gear.

Terms and definitions for steering gear and manual steering devices (see 3.2.1.1~3.2.1.7);

---The terminology and definition for rudder knob have been removed (see section 1.21 of GB/T 8242.1-1987);

---Added center rudder, lateral rudder, bow rudder, fully suspended rudder, semi-suspended rudder, unbalanced rudder, horizontal rudder, vertical rudder, twisted rudder, parallel rudder, and multi-leaf rudder.

Rudder, double-bearing rudder, multi-bearing rudder, reverse rudder, emergency rudder, Schilling rudder, angle indicator, rudder ball, rudder post, rudder plate, upper rudder bearing, lower rudder Components include. rudder handle connecting rod, rudder handle, rudder stock sleeve, rudder arm, rudder frame, rudder blade tailstock, flow control plate, rudder head, rudder stock joint, and anti-slip device.

Terminology and definitions for steering column, steering chain, steering cable, steering rod, steering chain guide wheel, steering shaft, and rudder angle limiter (see 3.2.2.2~3.2.2.4, 3.2.2.7, 3.2.2.8, 3.2.2.10~3.2.2.12, 3.2.2.14~3.2.2.21, 3.2.2.31, 3.2.2.32, 3.2.3.3, 3.2.3.4 3.2.3.11, 3.2.3.12, 3.2.3.14~3.2.3.17, 3.2.3.20~3.2.3.25, 3.2.3.27~3.2.3.32, 3.2.3.33);

---The terms and definitions for lookout towers and radar platforms have been removed (see sections 2.10 and 2.11 of GB/T 8242.1-1987);

---Added foremast, mainmast, radar mast, signal mast, lookout mast, sling mast, retractable mast, ventilated mast, runaway light mast, and integrated mast.

Terms and definitions (see 3.3.1.2-3.3.1.6, 3.3.1.8, 3.3.1.12, 3.3.1.13, 3.3.1.14, 3.3.1.15);

---Added terms and definitions related to sails, including sail propulsion devices, integral airfoils, composite airfoils, and airfoil sails (see 3.3.3.1~3.3.3.4);

3.3.3.4);

---The terminology and definition for jack rigging have been removed (see section 3.24 of GB/T 8242.1-1987);

---Added cranes, knuckle boom cranes, telescopic boom cranes, gantry cranes, A-type gantry cranes, overhead cranes, light-duty lifting devices, hook beams, and lifting equipment.

Terms and definitions for boom lifting, hook clearance, boom safe working load, scissor hook, double boom operating hook, lifting beam, rigging eye plate, and rigging.

Meaning (see 3.4.1.1~3.4.1.6, 3.4.1.9, 3.4.2.2~3.4.2.5, 3.4.2.13~3.4.2.15, 3.4.2.28, 3.4.2.31);

---Added towing equipment, emergency towing equipment, towing winches, towing pulleys, shark clamps, sling cables, bridge cables, cable chains, and push-frame systems.

Terms and definitions for cable tie, pusher frame, cable tray hole, and support frame (see 3.5.1.1~3.5.1.5, 3.5.2.5, 3.5.2.6, 3.5.2.8).

3.5.2.14~3.5.2.17);

---Added terms and definitions for single-point mooring devices and multi-buoy mooring devices (see 4.1.4, 4.1.5);

---The terms and definitions for anchor cables and anchor chain swivels have been deleted (see sections 3.23 and 2.35 of GB/T 8242.2-1987);

---Added anchor winches, electric anchor winches, hydraulic anchor winches, electro-hydraulic anchor winches, horizontal anchor winches, vertical anchor winches, positioning anchors, anchor piles, and stopless anchors.

Chains, anchor chains, standard chain links, enlarged chain links, end chain links, intermediate chain links, swivels, roller chain stoppers, guide rail chain stoppers, adjustable chains Terms and definitions for roller brake chain stoppers, guide rail roller chain stoppers, anchor lips, and anchor bells (see 4.2.1.1~4.2.1.6, 4.2.2.8).

4.2.2.9, 4.2.2.30, 4.2.2.31, 4.2.2.36, 4.2.2.37, 4.2.2.38, 4.2.2.40, 4.2.2.43, 4.2.2.48~4.2.2.51 4.2.2.57, 4.2.2.64);

---Added cross-type cable bollards, swivel-type cable bollards, lifting cable bollards, embedded cable bollards, horizontal roller guides, and horn roller guides.

Terms and definitions for mooring equipment, auxiliary mooring lines, heeling lines, heeling ropes, heeling guns, fiber optic cables, and fenders (see 4.3.2.2, 4.3.2.3).

4.3.2.4, 4.3.2.5, 4.3.2.8, 4.3.2.9, 4.3.2.21, 4.3.2.23~4.3.2.27);

---The terms box hatch cover, corrugated hatch cover, folding hatch cover, rolling hatch cover, and rollover hatch cover will be changed to box hatch cover and corrugated hatch cover.

Hatch covers, folding hatch covers, rolling hatch covers, and flip-up hatch covers (see 5.7.4~5.7.8, GB/T 8242.3-1987).

8.4~8.8);

---The terms "non-watertight door," "sliding window," "gangbridge," "draft ladder," "rigging," "flush pad," "canvas ventilation duct," "matter boom," and "depth sounding station" have been removed.

Definitions (see sections 2.1, 3.5, 4.5, 4.10, 5.1, 10.3, 10.7, 10.9, and 10.10 of GB/T 8242.3-1987);

---Added features include shut-off equipment, watertight, weathertight, airtight, soundproof and air-blocking doors, driver's cab sliding doors, cabin ventilated doors, steel mesh doors, and electromagnetic shielding.

Doors, double-section doors, roller shutters, smoke-proof doors, fire-resistant windows, louvers, soundproof windows, irregularly shaped windows, marine sliding windows, porthole storm covers, rain wipers Dock ladders, boarding ladders, gate railings, fixed railings, retractable railings, kickboards, hatch covers, roll-up hatch covers, lift-type hatches Hatch covers, side-sliding hatch covers, telescopic hatch covers, lift-off hatch covers, single-pull hatch covers, back-mounted hatch covers, roll-on/roll-off access channels Equipment, bow door, stern door, ramp door, folding door, manhole cover, flat manhole cover, embedded manhole cover, manhole cover with enclosure, measuring Terminology and definitions for depth measuring instruments (see 5.1.2~5.1.5, 5.2.5~5.2.9, 5.2.13, 5.2.14, 5.2.15, 5.3.1, 5.3.2, 5.3.3).

5.3.6, 5.3.9, 5.3.14, 5.3.18, 5.4.5, 5.4.6, 5.4.11, 5.6.2, 5.6.3, 5.6.4, 5.6.7, 5.7.1, 5.7.9,