

ICS 47.020.01

CCS U 04



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

GB/T 7727-2025

Replacing GB/T 12900-1991

General terminology for ship

船舶通用术语

Issued on: October 31, 2025

Implemented on: May 1, 2026

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

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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 7727.1-2008 "General Terminology for Marine Engineering - Part

1. Comprehensive" and GB/T 7727.2-1987 "General Terminology for Marine Engineering". General Terminology Design, GB/T 7727.3-1987 General Terminology for Ships, GB/T 7727.4-1987 General Terminology for Ships "Ship Structure, Strength and Vibration", GB/T 7727.5-2017 "General Terminology for Ships - Part

5. Ship Environment", GB/T 8241-2008 "Terminology for Ship Cabin Equipment", GB/T 12466-2019 "Terminology for Corrosion and Protection of Ships and Marine Engineering", GB/T 12900-1991 "Terminology for Ships and Marine Engineering Corrosion and Protection", General Terminology for Marine Engineering, GB/T 13413-1992 General Terminology for Marine Engineering, and GB/T 7727.1-2008. GB/T 7727.2-1987, GB/T 7727.3-1987, GB/T 7727.4-1987, GB/T 7727.5-2017, GB/T 8241- Compared with GB/T 12008, GB/T 12466-2019, GB/T 12900-1991, and GB/T 13413-1992, the main technical changes are shown in Appendix A. 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 Standardization of Marine Ships (SAC/TC12). This document was drafted by: China State Shipbuilding Corporation Comprehensive Technology and Economic Research Institute and Luoyang Shipbuilding Materials Research Institute. The 725th Research Institute of China State Shipbuilding Corporation Limited, the 708th Research Institute of China State Shipbuilding Corporation Limited, the China Ship Scientific Research Center, and Shanghai Jiaotong University. Tongji University, the 704 Research Institute of China State Shipbuilding Corporation, Hudong-Zhonghua Shipbuilding (Group) Co., Ltd., and Jiangsu Yangzi Mitsui Shipbuilding Co., Ltd. Limited Company. The main drafters of this document are. Cheng Nan, Hou Jian, Liu Wei, Tang Wenyong, Qi Bin, Yang Yong, Zhang Wei, Shi Weixing, Zeng Hongli, Song Mengran, and Zhu Jiashuai. Qian Zhaojun, Lu Jiang, Song Shuming, Huang Yunfeng, Zhao Zhenzhen, Zong Xiaochun, Yan Daijun, Zhang Fengwei, Zhang Haibing, Xing Shaohua, Guo Weimin, Zheng Guohua Qin Yonghui, Shi Chao, Sun Weixing, Tang Wenjie, Zhang Minghai, Yang Lian, Yang Qianqian. The release history of this document and the document it replaces is as follows:

---GB/T 7727.1, first published in 1987, first revised in 2008; This is the second revision, and it incorporates GB/T 7727.1-2008 "General Terminology for Ships - Part

1. Comprehensive". (The previous versions of GB/T 7727.1-2008 are. GB/T 7727.1-1987, GB/T 7727.2-1987 "Ships") General Terminology for Ships (General Design), GB/T 7727.3-1987 General Terminology for Ships (Performance), GB/T 7727.4-1987 "General Terminology for Ships. Hull Structure, Strength and Vibration" and GB/T 7727.5-2017 "General Terminology for Ships Part

5. Ship..." The previous versions of the standard GB/T 7727.5-2017 ("Marine Environment")

are. GB/T 7727.5-1991, GB/T 8241- 2008 "Terminology for Ship Cabin Equipment" and GB/T 12466-2019 "Terminology for Corrosion and Protection of Ships and Marine Engineering" (The previous versions of GB/T 12466-2019 are. GB/T 12466-1990, GB/T 12900-1991 "Ships") The content of "General Terminology for Ships - Marine Materials" and GB/T 13413-1992 "General Terminology for Ships - Ship Systems". General terminology for ships

1 Scope

GB/T 7727-2025 is the Chinese national standard covering the general vocabulary of shipbuilding and ship operation - the hull and its structure, the propulsion and auxiliary machinery, the equipment and outfit, the performance and the trials, the classification and the survey, gathered into one reference. At 127,500 words this is the largest document in the catalogue by a wide margin. It replaces GB/T 12900-1991, a terminology thirty-four years old. In force from 1 May 2026. Issued on 31 October 2025, it has been in force since 1 May 2026, replacing GB/T 12900-1991.

This document defines ship types and classifications, ship environment, ship hydrodynamic performance, ship general design, marine materials, hull structure, and strength. Terms and definitions for intensity and vibration, ship systems, ship cabin equipment, and ship corrosion and protection. This document applies to research, design, manufacturing, teaching, management, and other applications of ships.

2 Normative references

This document has no normative references.

3.1 General Terminology

3.1.1 ship [ship] ship;vessel Structures that can navigate or anchor in water and are used to perform tasks such as transportation, combat, operations, scientific research, and tourism.

3.1.2 boat;craft Ships with a full load displacement of 500t and below.

3.1.3 raft A simple, lightweight water transport, work, or rescue vehicle made of some material through simple connections or inflation.

3.2 Ships classified by purpose

3.2.1 oil tanker Ships that transport bulk crude oil, refined oil products, or other petroleum cargoes.

3.2.2 container ship Ships carrying containerized cargo.

3.2.3 bulk carrier Ships that transport bulk cargo.