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

GB/T 11412.1-2025

Replacing GB/T 11412.1-2009

**Technical requirements for safety departure of seagoing ships -
Part 1: General requirements**

海船安全开航技术要求 第1部分：一般要求

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Table of Contents

1	Scope
2	Normative references
3	Terms, Definitions and Abbreviations
3.1	Terms and Definitions The terms and definitions defined in
4	Ship certificates, documents and materials
5	Personnel on board
6	Hull Structure
8	Loading condition and stability
9	Firefighting
10	Lifesaving
11	Mechanical and electrical equipment
12	Pollution prevention
25	References

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 is Part 1 of GB/T 11412 "Technical Requirements for Safe Sailing of Seagoing Ships". GB/T 11412 has already published the following parts.

1. General Requirements. This document supersedes GB/T 11412.1-2009 "Technical Requirements for Safe Navigation of Seagoing Ships - Part

1. General Requirements", and is consistent with GB/T 11412.1- Compared to 2009, aside from structural adjustments and editorial changes, the main technical changes are as follows:

- a) The scope of application has been changed (see Chapter 1, Chapter 1 of the 2009 edition);
- b) The terms "excessive corrosion," "freeboard deck," "superstructure and deckhouse," "excess water depth," "draft difference," "sinking depth," and "sinking ratio" have been removed. "Stability criterion," "anniversary date," "emergency plan," "professional training," "confirmation," and their definitions (see 3.1-

3.3 of the.2009 edition). (3.6~3.10, 3.12~3.15)

- c) The requirements for ship certificates, documents, and documentation have been changed (see Chapter 4, Chapter 4 of the.2009 edition);
- d) The requirements for personnel on board have been changed (see Chapter 5, Chapter 5 of the.2009 edition);
- e) Added requirements for the absence of serious defects such as cracks at the connection between the cargo column and the deck (see 6.1.2), and for the freeboard deck and superstructure deck. The requirements for the weathertightness of hatches and hatch covers in cargo holds (see 6.1.4) were revised, and modifications were made to the deck machinery and pedestals. The scope (see 6.1.5,.2009 edition of 6.1.5);
- f) The navigation safety requirements have been changed (see Chapter 7, Chapter 7 of the.2009 edition);
- g) The basic requirements for ship loading condition, draft requirements, and stability criterion requirements have been changed (see 8.1~8.3, Article 8 of the.2009 edition).
Chapter

8.4 added requirements for cargo management.

- h) The requirements for fire extinguishing equipment have been changed (see Chapter 9, Chapter 9 of the.2009 edition);

1 Scope

GB/T 11412.1-2025 is the Chinese national standard on technical requirements for safety departure of seagoing ships - part 1: general requirements, in the field of services and company organization. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 29 August 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 March 2026. Classification: ICS 03.220.40, CCS R22. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the ship certificates, documents and materials required for the safe departure of a seagoing vessel, the personnel on board, the hull structure, navigation safety, and loading status. Technical requirements for stability, fire protection, lifesaving, electromechanical equipment, pollution prevention and ship communication. This document applies to Chinese-flagged seagoing vessels of 500 gross tons and above that navigate in all types of navigation areas. This document does not apply to non-motorized vessels,

military vessels, government vessels, sports vessels, fishing vessels, or vessels damaged by natural disasters or emergencies. Ships that need to set sail urgently for special reasons such as military operations.

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 4099 Commonly Used Nautical Terms and Symbols

GB 17566 Emergency Deployment Table for Marine Transport Vessels

GB 18093 Nautical Logbook

GB 18436 Engine room logbook and engine telegraph record book

GB 44018 Marine Rope Throwing Device JT/T

95 Requirements for the Provision of Nautical Publications and Documents on Seagoing Ships

3.1 Terms and Definitions The terms and definitions defined in

GB/T 4099 and the following terms and definitions apply to this document.

3.1.1 strength The ability of a ship's structure to resist damage and deformation.

3.1.2 stability The ability of a ship to tilt without capsizing when subjected to external forces, and to return to its original equilibrium position after the external forces are removed.

3.1.3 Departure The moment a vessel releases its last mooring line or anchors itself from the seabed at its last berth or anchorage before departing from the port.

3.2 Abbreviations The following abbreviations apply to this document.