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

GB/T 47465-2026

**Ships and marine technology - Vocabulary on inland navigation
vessels - Ship shaftings**

船舶和海上技术 内河航行船舶词汇 船舶轴系

(English Translation)

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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 is equivalent to ISO 7496-2:2022 "Ships and marine technology - Vocabulary for inland waterway vessels - Part 2: Shafting".

The following minimal editorial changes have been made to this document.

---To align with the existing national standardization document system, the standard title has been changed to "Glossary of Ships and Marine Technology for Inland Waterway Vessels".

Ship Shafting System;

---Added a Chinese Pinyin index.

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 by the Ministry of Transport of the People's Republic of China.

This document is under the jurisdiction of the National Technical Committee on Standardization of Inland Waterway Vessels and Waterway Transportation (SAC/TC130).

1 Scope

This document defines the terminology related to shafting of inland waterway vessels, aiming to provide clear definitions that can be understood by all experts.

This document applies only to equipment used by inland waterway vessels.

The terms defined in this document are intended for use in all types of documents. Some

standardized terms are also given abbreviations; however, these abbreviations are not intended to be used in writing.

These abbreviations can be used in cases of misunderstanding.

Terms can be used in combination within the application.

2 Normative references

This document has no normative references.

3.1 General Terminology for Ship Shafting

3.1.1

ship's shafting

The physical connection between the main engine and the propeller transmits the torque and axial load generated during the operation of the ship's propulsion system (hereinafter referred to as the "propulsion system").

It is a complex structural component and is an integral part of the propulsion system.

3.1.2

ship's shafting element Manufactured as independent parts or assembly units, and installed on ships to achieve interconnected functions, they are components of the ship's shafting (3.1.1).

It is a component.

3.2 Terminology for Ship Shafting Systems

3.2.1

Grossshaftline

A linear system consisting of shafts connected in a rigid or elastic manner.

3.2.2

stern tubegear

A set of ship shafting components (3.1.2) for housing support, lubrication and cooling devices, protecting the propeller shaft that passes through, and preventing water from entering.

Hull.

Note: The stern tube assembly consists of a stern tube, bearings, sealing devices (3.2.3), and a cooling and lubrication system.

3.2.3

Sealing Gear

Ship shafting components, coaxially mounted with the sealed shaft, are used to prevent water from entering the hull or flowing between watertight compartments, and to prevent stern...

Lubricating oil leakage in the shaft tube oil lubrication device.

Note: The sealing device consists of a cylindrical housing, an end cap or gland, sealing and fixing elements.