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

GB/T 45903.2-2025

**Ships and marine technology - Pilot ladders - Part 2:
Maintenance, use, survey, and inspection**

船舶与海上技术 引航员软梯 第2部分：维护、使用、勘测和检查

(English Translation)

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Table of Contents

Preface
Introduction
1 Scope
2 Normative references
3 Terms and Definitions
4 Ladder Inspection
5 Care and maintenance instructions
6 Maintenance
7 Records
8 Storage
9 uses
Appendix A (Normative) Inspection Sample List and Inspection Interval
Appendix B (Informative) Rope Ladder Care and Maintenance
Reference

Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document is Part 2 of GB/T 45903 "Ship and Maritime Technology Pilot Ladder". GB/T 45903 has been published as Lower part.

- Part 1: Design and specifications;
- Part 2: Maintenance, use, survey and inspection;
- Part 3: Accessories and related equipment.

This document is equivalent to ISO 799-2:2021 "Ships and marine technology - Pilot ladders - Part 2: Maintenance, use, survey and examine".

Introduction

The pilot ladder is a key device for safe transfer between the ship and the pilot. Its correct setting is directly related to the safety of personnel life and navigation.

GB/T 45903 "Ship and Maritime Technology Pilot Ladder" stipulates the design, maintenance, The requirements for use, survey and inspection, as well as accessories and related equipment, thus standardizing the design, production and maintenance of pilot ladders. Grouped into.

--- Part 1: Design and Specifications. The purpose is to determine the requirements for pilot ladders to ensure that maritime pilots can Straight hull plating is required for safe embarkation and disembarkation.

--- Part 2: Maintenance, use, survey and inspection. The purpose is to determine the maintenance, use, storage and inspection requirements of pilot ladders. Ask for and advice.

--- Part 3: Accessories and related equipment. The purpose is to determine the requirements and recommendations for pilot ladder accessories and related equipment, and to Use the provided instructions.

1 Scope

This document specifies the requirements and recommendations for the maintenance, use, storage and inspection of pilot ladders (hereinafter referred to as "ladders").

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB/T 21328-2024 General requirements for fiber ropes (ISO 9554:2019, IDT)

GB/T 45903.1-2025 Ships and marine technology - Pilot ladders - Part 1: Design and specifications (ISO 799-1:2019, IDT)

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 User

The captain, officers and other crew members who operate the ship on a day-to-day basis.

3.2 Deck Officer

Deck crew certified under the STCW convention.

3.3 Senior deck officer

A deck crew member certified under the STCW Convention and performing the duties of a chief mate or master.

3.4 Spreaderstep

A step not less than 1.8m in length to prevent the pilot ladder from twisting.

4 Inspection of the ladder

The vessel's maintenance planning procedures should include the inspection and maintenance requirements of the pilot ladder in accordance with this document.

The deck crew should inspect the ladder before and after each use. In addition, the deck officer should inspect it every three months.

Ladders. The classification society surveyor or the authorized representative of the flag state should also inspect ladders every year.