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

GB/T 45903.3-2025

**Ships and marine technology - Pilot ladders - Part 3:
Attachments and associated equipment**

船舶与海上技术 引航员软梯 第3部分：附件及相关设备

(English Translation)

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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 3 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 799-3:2022 "Ships and marine technology - Pilot ladders - Part 3: Accessories and associated equipment".

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 design, production and maintenance of pilot ladders are regulated by the following three parts. composition.

--- 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 requirements and recommendations for pilot ladder accessories and related equipment, and provides guidance on their use.

This document applies to but is not limited to securing within the length of the ladder, deck anchorage points, hull securing devices, safety lines, bulwark openings and passages.

The interfaces of the combination of gangways, deck walkways, pillars, anti-wear devices and pilot ladders and accommodation 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.

ISO 799-2 Ships and marine technology - Pilot ladders - Part 2: Maintenance, use, survey and inspection

Note: GB/T 45903.2-2025 Ships and marine technology - Pilot ladders - Part 2: Maintenance, use, measurement and inspection (ISO 799-2:2021, IDT)

3 Terms and Definitions

There are no terms or definitions that require definition in this document.

4 Safety rope

4.1

The safety rope should be Class 1 "white brown rope" or material certified by the relevant pilot service provider.

4.2

If required by the pilot, two usable safety ropes shall be provided with a diameter of not less than 28mm and not more than 32mm. clean.

4.3

The ends of the safety rope should be fixed to the deck eye plate and installed on both sides of the ladder for use when the pilot disembarks or when the pilot is about to leave the ship.

The safety line should reach the height of the deck entrance pillar or bulwark and then terminate at the eye plate on the deck.

4.4

Safety ropes should be marked and inspected at intervals not exceeding those required for pilot ladders in ISO 799-2.

4.5

The safety rope should be stored in accordance with the instructions provided by the rope manufacturer. If the rope manufacturer's instructions are not available, it is advisable to refer to Guidance is contained in Annex B of ISO 799-2:2021.

4.6

The safety rope should be free of knots.

4.7

The ends of the ropes should be tied to prevent them from unraveling.

4.8

When equipped with handrail posts, the safety rope should reach the height of the posts, see 8.2.

5 Deck fixing points

5.1

The eye plate used to secure the safety rope or pilot ladder is to be capable of withstanding a load of not less than 24 kN.