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

GB/T 37453-2019

**Ships and marine technology--Ship's mooring and towing
fittings--Pedestal fairleads**

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Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

4 nominal size

5 size

Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the translation method equivalent to ISO 13776.2012 "ship and marine technology ship mooring and towing equipment vertical roller

Cable guide.

The documents of our country that have a consistent correspondence with the international documents referenced in this standard are as follows.

---GB/T 36664-2018 Ship and marine technology ship mooring and towing equipment cable pulley (ISO 13755.2012,

IDT).

This standard has made the following editorial changes.

--- Added the informative Appendix NA to explain the mark.

This standard is proposed and managed by the National Ship Armor Standardization Technical Committee (SAC/TC129).

This standard was drafted. Hudong Zhonghua Shipbuilding (Group) Co., Ltd.

1 Scope

This standard specifies the nominal size, dimensions and technical requirements of vertical roller guides for ship guides.

This standard applies to the design, manufacture and acceptance of vertical roller guides.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

ISO 13755 Ship and marine technology ship mooring and towing equipment guide rollers
(Shipsandmarinetechology-

Ship'smooringandtowingfittings-Steelrollers)

IMOCircularMSC/Circ.1175 Ship Towing and Mooring Equipment Guide
(Guidanceonshipboardtowingand

Mooringequipment)

3 Terms and definitions

The following terms and definitions apply to this document.

3.1

Safe working load safeworkingload; SWL

The maximum tensile force that a mooring line is allowed to withstand under normal operating conditions, in kilohertz (kN).

4 nominal size

The nominal size D_n of the vertical roller guide is expressed in millimeters for the smallest outer diameter of the roller, respectively 150,.200,

250, 300, 350, 400, 450, and 500.

5 size

The structure and dimensions of the vertical roller guide are in accordance with Figures 1, 2 and 1.