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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 11586-2018

Ships and marine technology -- Ship's mooring and towing fittings -- Panama chocks

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Foreword

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

This standard replaces GB/T 11586-1989 "The Panama Canal Cone", compared with GB/T 11586-1989, the main technical changes

as follows.

--- Modify the type, nominal size and weight of the fairlead (see Chapter 5, Chapters 2 and 3 of the 1989 edition);

--- Increased security workloads and their tags (see Chapters 3, 5, and 9);

--- Increased strength verification criteria (see Appendix A).

This standard uses the translation method identical to the use of ISO 13728.2012 "Marine and Offshore Technology Ship Mooring and Towing Equipment Panama Cable

hole".

This standard has made the following editorial changes.

--- Correct R3 in the upper right diagram of Figure 2 as R2;

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

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

This standard was drafted by. China National Shipbuilding Institute of Integrated Technology and Economy, Guangzhou Shipyard International Co., Ltd.

1 Scope

This standard specifies the design, dimensions and technical requirements of the Panama fairlead.

This standard applies to the design and manufacture of Panama's fairleads using steel tow cables installed on vessels passing through the Panama Canal.

acceptance.

The Panama fairleads specified in this standard meet the normal mooring requirements and the Panama Canal regulations.

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 version (including all amendments) applies to this document.

IMO Circular MSC/Circ.1175 Ship Towing and Mooring Equipment Guide (Guidance on shipboard towingand

Mooringequipment)

The Panama Canal Regulations About Maritime Transport N-1-2010 (Panacacanal requirements-OP Noticetoshipping

N-1-2010-Vesselrequirements)

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1

Safe Workload safeworkingload;SWL

The maximum tensile force a mooring line can withstand under normal operating conditions, in kN.

Category 4

4.1 Type

The Panama fairleads are divided into the following two types according to the installation location.

a) Type A - deck-type Panama fairlead;

b) Type B --- bulwark Panama cable fairing.

4.2 Nominal size

The nominal size of the Panama fairlead is expressed in millimeters of the opening width of the fairlead. Divided into 310 and 360 specifications.

5 size

5.1 The structure and dimensions of the Panama fairlead are given in Table 1 and Table 2, Figure 1 and Figure 2.