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

GB/T 17872-2023

Replacing GB/T 17872-2009

Dimensions series of river/coastal cargo ship

江海直达货船船型尺度系列

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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 replaces GB/T 17872-2009 "Series of Ship Type Standards for River-Sea Direct Cargo Ships": Compared with GB/T 17872-2009, except for the In addition to structural adjustments and editorial changes, the main technical changes are as follows:

- a) Changed the scope of the standard (see Chapter 1, Chapter 1 of the:2009 edition);
- b) Added the terms and definitions of "overall length" and "overall width" (see 3:1 and 3:2);
- c) Changed the definition of "cargo ship with direct access to rivers and seas" (see 3:3, 2:1 of the:2009 edition);
- d) Added ship type number (see Chapter 4);
- e) Added overall technical requirements (see Chapter 5);
- f) The ship type and size series for river-sea direct bulk carriers have been changed (see Table 1, Table 1 of the:2009 edition);
- g) The ship type and size series of river-sea direct container ships and commercial car ro-ro ships have been added (see Table 2 and Table 3): Please note that some content in this document may be subject to patents: The publisher of this document assumes no responsibility for identifying patents: This document is proposed by the Ministry of Transport of the People's Republic of China: This document is under the jurisdiction of the National Technical Committee for Standardization of Inland River Boats (SAC/TC130): This document was drafted by: Wuhan Yangtze Ship Design Institute Co., Ltd., Water Transport Research Institute of the Ministry of Transport: The main drafters of this document: Wang Qianjin, Luo Yi, Gao Song, Wang Juan, Li Guang, and Sun Bing: The previous versions of this document and the documents it replaces are as follows:

---First published as GB/T 17872-1999 in:1999, first revised in:2009;

---This is the second revision: Jianghai direct cargo ship ship size series

1 Scope

GB/T 17872-2023 is the Chinese national standard on dimensions series of river/coastal cargo ship, in the field of shipbuilding and marine structures. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 28 December 2023 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 April 2024. Classification: ICS 47.020, CCS U10. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document stipulates the ship type number, overall technical requirements and main parameters of the ship size series for river-sea direct cargo ships: This document is applicable to the types of ships stipulated in the statutory inspection technical rules for ships traveling directly from the Yangtze River to the East China Sea on specific routes: Direct cargo ships from rivers and seas on specific routes in the area:

2 Normative reference documents

This document has no normative references:

3 Terms and definitions

The following terms and definitions apply to this document: 3:1 total length overall length LOA The horizontal distance between the frontmost end of the bow and the rearmost end of the stern of the hull (including the raised decks at the bow and stern) and the superstructure (metal outer plate Ships with outer plates made of non-metallic materials such as fiber-reinforced plastics are counted to the outer surface), excluding protrusions at the bow and stern ends of the ship: (Such as outstretched decks, fenders, bulwarks, push devices, outboard engines and their mounting brackets, false bows, false tails, movable protrusions, etc.): [Source: GB 38030:1-2019,2:1] 3:2 overall width overallbreadth BOA The maximum distance measured from one side to the other side in a direction perpendicular to the centerline plane to the outside of the hull plating: Projections such as outrigger decks and fenders shall not credited: [Source: GB 38030:1-2019,2:2] 3:

3 River/coastalcargoship direct cargo ship from river to sea Cargo ships inspected and certified in accordance with the statutory inspection technical rules for ships on specific

routes between rivers and seas:

Note: Including bulk carriers, container ships, and commercial car ro-ro ships:

4 Ship model number

The ship type size numbering rules for river-sea direct cargo ships should comply with the requirements in Figure 1: Navigation area, CJ: Yangtze River Ship type, ZDS: river-sea direct bulk carrier, ZDJ: river-sea direct container ship, ZDG: Direct commercial vehicle roll-on/roll-off ship from river to sea Standard serial number Figure

1 Ship type and size number of direct cargo ships between rivers and seas Example: The ship type number is CJ-ZDS1, which represents the first-ranked river-sea direct bulk carrier sailing on the Yangtze River: