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

GB/T 41888-2022

**Ships and marine technology - Methodology for ship launching
utilizing air bag**

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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 of Standardization Documents"

drafted.

This document is equivalent to ISO 17682:2013 "Ship and Offshore Technology Ship Airbag Launching Process".

The following minimal editorial changes have been made to this document.

--- "For example, moving from the slipway to the water's edge" in 3.2 is changed to Note;

--- "Unit is meter" in 3.6 is changed to Note.

Please note that some content of this document may be patented. The issuing agency of this document assumes no responsibility for identifying patents.

1 Scope

This document specifies general requirements for launching ships with airbags, including, for example, airbags, slides, winches, ship launching procedures and safety measures

Ships and facilities such as facilities.

This document applies to ships that meet the requirements of 4.1 and are launched with airbags.

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, dated citations

documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to

this document.

ments)

launchingairbags)

Note. GB/T 33487-2017 Ships and Offshore Technology Ship Launching Airbags (ISO 14409.2011, MOD)

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1

ship launching ship launching

The process of bringing a ship into the water from land to keep the ship afloat.

3.2

ship shifting

The process of moving a ship from one place to another.

Note. For example moving from the slipway to the water's edge.

3.3

slipway

A ramp for launching a ship, including the part that extends into the water.

Note. The part on the shore, including the slipway, is called the main slide, and the part extending into the water is called the secondary slide.

3.4

Before launching, the airbag is inflated to raise the ship. When the bottom of the ship is higher than the pier, the pier is withdrawn, and the airbag is properly deflated so that the ship is seated on the airbag.

process.

3.5

ground anchor

A structure located in front of the slipway and built in the slipway for mooring, the semicircular part above the ground is used to hold the wire rope and tow ship.