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

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Ships and marine technology - Shark jaws and towing pins

船舶与海洋技术 船用鲨鱼钳及拖销

(English Translation)

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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 is equivalent to ISO 24041:2020 "Ship and Marine Technology Marine Shark Clamps and Tow Pins":

Please note that some content in this document may be subject to patents: The publisher of this document assumes no responsibility for identifying patents:

1 Scope

This document specifies the design, operation, performance and testing of electric, hydraulic, diesel or steam powered marine shark jaws and tow pins:

Accept test:

This document applies to the design, manufacture and acceptance of marine shark claws and tow pins:

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, the dated quotations for undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document:

Note: GB/T 3893-2008 Deck machinery terms and symbols for shipbuilding and offshore structures (ISO/FDIS3828.2007, IDT) Note: GB/T 11869-2018 Shipbuilding and offshore structures deck machinery offshore towing winches (ISO 7365:2012, IDT)

3 Terms and definitions

The terms and definitions defined in ISO 3828 and below apply to this document:

sharkjaw

A device that temporarily holds the wire rope or chain rigging on the deck and can bear the load:

Note 1: The left-hand shark claw refers to the shark claw arranged on the left side of the central axis of the tow pin (3:2) when the observer is located at the stern of the ship and looks toward the bow:

Note 2: The right-hand shark claw refers to the shark claw arranged on the right side of the central axis of the towing pin (3:2) when the observer is located at the stern of the ship and looks toward the bow:

Note 3: The intermediate shark jaw refers to the shark jaw arranged on the central axis of the towing pin (3:2) when the observer is located at the stern of the ship and looks toward the bow:

towing pin A device that guides and restricts wire rope or chain rigging to a specified area:

support box Device for mounting and supporting the shark claw (3:1) and towing pin (3:2):

working height the maximum height of the wire rope or chain rigging from the deck surface when the shark claw (3:1) or tow pin (3:2) is in normal operation:

emergency release emergency release in the event of power loss or emergency, the shark claw (3:1) and towing pin (3:2) rely on backup power to release the wire rope or chain rigging and