INTERNATIONAL STANDARD

ISO

24041

Ships and marine technology — Shark jaws and towing pins

Navires et technologie maritime — Broches d'entraînement et stoppeurs "shark jaws"

COPYRIGHT PROTECTED DOCUMENT

Contents

Page

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 8, *Ships and marine technology*, Subcommittee SC 4, *Outfitting and deck machinery*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Ships and marine technology — Shark jaws and towing pins

1 Scope

This document specifies requirements for the design, operation, performance and acceptance tests of marine shark jaws and towing pins having electric, hydraulic, diesel or steam drive.

It is applicable to the design, manufacture and acceptance of marine shark jaws and towing pins.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 3828, *Shipbuilding and marine structures — Deck machinery — Vocabulary and symbols*

ISO 7365, *Shipbuilding and marine structures — Deck machinery — Towing winches for deep sea use*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 3828 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at http://www.electropedia.org/

3.1
shark jaw
equipment for temporarily securing the inboard end of a towline

Note 1 to entry: A left-hand shark jaw is a shark jaw placed on the left-hand side of the central axis of the *towing pins* (3.2) when looking at the bow from the stern of a ship.

Note 2 to entry: A right-hand shark jaw is a shark jaw placed on the right-hand side of the central axis of the *towing pins* (3.2) when looking at the bow from the stern of a ship.

Note 3 to entry: A central shark jaw is a shark jaw placed on the central axis of the *towing pins* (3.2) when looking at the bow from the stern of a ship.

3.2
towing pin
equipment for leading and restraining a towline to the intended path

3.3
support box
device fixing and supporting the *shark jaw* (3.1) and *towing pins* (3.2)

3.4
working height
maximum height from a towline to the board, when *shark jaws* (3.1) or *towing pins* (3.2) operate normally