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Ships and marine technology — Single rungs and rungs for dog-step ladders

vires carchepie. Navires et technologie maritime — Échelons simples et échelons pour



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Foreword

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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 document 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).

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This document was prepared by Technical Committee ISO/TC 8, *Ships and marine technology*, Subcommittee SC 8, *Ship design*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 15, *Inland navigation vessels*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 9519:1990), which has been technically revised.

The main changes are as follows:

- the title has been changed;
- the types and the scope of application have been extended;
- the dimensions of rungs have been extended;
- the steel grade of material has been specified;
- the requirements of surface treatment, appearance and tolerance have been specified;
- the inspection requirements have been added.

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 — Single rungs and rungs for dog-step ladders

1 Scope

This document specifies the types, structure, dimensions, technical requirements, inspection and designation of single rungs and rungs for dog-step ladders, fitted to the vertical panel or masts of ships or other marine structures.

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 630-2, Structural steels — Part 2: Technical delivery conditions for structural steels for general purposes

ISO 1461, Hot dip galvanized coatings on fabricated iron and steel articles — Specifications and test methods

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

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

- ISO Online browsing platform: available at https://www.iso.org/obp
- IEC Electropedia: available at https://www.electropedia.org/

3.1

dog-step ladder

ladder formed by two or more rungs

4 Classification

4.1 Types

Rungs are classified into the following three types according to purpose and structure:

- a) Type A/B: for vertical panel or masts with a diameter of more than 300 mm;
- b) Type C: for masts with a diameter of no more than 300 mm.

4.2 Structure and dimensions

4.2.1 Structure

The structure of the rungs is shown in Figure 1, Figure 2 and Figure 3.