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Small craft — Principal data

Petits navires — Données principales

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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 188, *Small craft*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 464, *Small craft*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 8666:2016), of which it constitutes a minor revision. The changes compared to the previous edition are as follows:

— the document has been aligned to the latest edition of the ISO/IEC Directives, Part 2, resulting in the addition of Clause 2, Normative references, and the renumbering of the remaining clauses; all cross-references have been accordingly updated;

— the “allowance for the maximum mass of optional equipment and fittings not included in the manufacturer’s basic outfit” has been moved from 6.6 (Maximum load, former 5.6) to 7.8 (Maximum load condition, former 6.8).

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.

Small craft — Principal data

1 Scope

This document establishes definitions of main dimensions and related data and of mass specifications and loading conditions. It applies to small craft having a length of the hull (L_H) of up to 24 m.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

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

NOTE For units, see Clause 4.

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
waterline
WL
intersection line of the water's surface with the craft's hull when the *craft* (3.15) is afloat

3.2
maximum load waterline
reference waterline
WL_{ref}
waterline (3.1) of the *craft* (3.15) when upright in the maximum *loaded displacement* (3.6)

3.3
sheerline
intersection between deck and hull, for rounded deck edges the natural intersection, or, where no deck is fitted or the hull extends above the deck (bulwark), the upper edge of the craft's hull

Note 1 to entry: The upper position of the sheerline depends on the inclination between the hull/deck intersection and the actual deck.

3.4
transom beam
B_T
maximum width of the hull at the transom at or below the *sheerline* (3.3), excluding extensions, handles and fittings

Note 1 to entry: Where spray rails act as chines or part of the planing surface, they are included in the transom beam measurement.

Note 2 to entry: For *craft* (3.15) with a rounded or pointed stern or with a transom beam of less than half the maximum beam of the craft, the transom beam, B_T, is the widest beam at or below the sheerline at the aft quarter length of the hull.