INTERNATIONAL STANDARD

ISO 8666

Second edition
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Small craft — Principal data

Petits navires — Données principales

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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 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).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 188, *Small craft*.

This second edition cancels and replaces the first edition (ISO 8666:2002), which has been technically revised with the following main changes:

— definitions 2.7 to 2.13 have been added;

— list of symbols in Table 1 has been extended;

— 4.3.5 and 4.3.6 have been added;

— 4.5.2, 4.5.3 and 4.5.4 have been added, and "projected sail area" has been deleted;

— 6.4 to 6.8 have been added;

— 7.1 has been modified and 7.3 added;

— clause on owner's manual has been deleted.

Small craft — Principal data

1 Scope

This International Standard 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 Terms and definitions

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

NOTE For units, see Clause 3.

2.1
waterline
WL
intersection line of the water's surface with the craft's hull when the *craft* (2.13) is afloat

2.2
maximum load waterline
reference waterline
WL_{ref}
waterline (2.1) of the *craft* (2.13) when upright in the maximum *loaded displacement* (2.5.1)

2.3
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.

2.4
transom beam
B_T
maximum width of the hull at the transom at or below the *sheerline* (2.3), 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* (2.13) 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.

2.5
displacement
mass of water displaced by the *craft* (2.13), including all appendages

2.5.1
loaded displacement
m_{LDC}
mass of water displaced by the *craft* (2.13), including all appendages, when in the fully loaded ready-for-use condition

Note 1 to entry: Fully loaded ready-for use condition is described in 6.3.