

Small craft — Principal data

The European Standard EN ISO 8666:2002 has the status of a British Standard

ICS 47.080

National foreword

This British Standard is the official English language version of EN ISO 8666:2002. It is identical with ISO 8666:2002.

The UK participation in its preparation was entrusted to Technical Committee GME/33, Small craft, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the *BSI Catalogue* under the section entitled “International Standards Correspondence Index”, or by using the “Search” facility of the *BSI Electronic Catalogue* or of British Standards Online.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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This British Standard, having been prepared under the direction of the Engineering Sector Policy and Strategy Committee, was published under the authority of the Standards Policy and Strategy Committee on 26 November 2002

Summary of pages

This document comprises a front cover, an inside front cover, the EN ISO title page, the EN ISO foreword page, the ISO title page, pages ii to iv, pages 1 to 20, the Annex ZA page, the Annex ZB page, an inside back cover and a back cover.

The BSI copyright date displayed in this document indicates when the document was last issued.

Amendments issued since publication

Amd. No.	Date	Comments
14316 Corrigendum No. 1	29 January 2003	Replacing the EN ISO foreword page and incorporating the Annex ZA page and the Annex ZB page

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ISBN 0 580 40813 2

English version

Small craft - Principal data (ISO 8666:2002)

Petits navires - Données principales (ISO 8666:2002)

Kleine Wasserfahrzeuge - Hauptdaten (ISO 8666:2002)

This European Standard was approved by CEN on 23 September 2002.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

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CORRECTED 2002-12-18

Foreword

This document (EN ISO 8666) has been prepared by Technical Committee ISO/TC 188 "Small craft" in collaboration with CMC.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2003, and conflicting national standards shall be withdrawn at the latest by May 2003.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZB, which is an integral part of this document.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of ISO 8666:2002 has been approved by CEN as EN ISO 8666:2002 without any modifications.

NOTE Normative references to International Standards are listed in Annex ZA (normative).

INTERNATIONAL STANDARD

ISO
8666

First edition
2002-11-01

Small craft — Principal data

Petits navires — Données principales



Reference number
ISO 8666:2002(E)

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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 8666 was prepared by Technical Committee ISO/TC 188, *Small craft*.

Small craft — Principal data

1 Scope

This International Standard establishes uniformity of 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 of up to 24 m.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 10240:—¹⁾, *Small craft — Owner's manual*

ISO 12217 (all parts), *Small craft — Stability and buoyancy assessment and categorization*

ISO 14946, *Small craft — Maximum load capacity*

3 Terms and definitions

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

3.1

waterline

WL

intersection between the flotation plane and the hull which appears as a straight line in either the sheer plan or the body plan, but in its true form in the half-breadth plan

3.2

reference waterline

WL_{ref}

waterline in the fully loaded ready-for-use condition

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 The upper position of the sheerline depends on the inclination between the hull/deck intersection and the actual deck (see Figure 3).

1) To be published. (Revision of ISO 10240:1995)

3.4

transom beam

B_T

maximum width of the hull at the transom at or below the sheerline, excluding extensions, handles and fittings

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

NOTE 2 For craft 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 forward of the stern.

3.5

displacement

mass of water displaced by the craft, including all appendages

NOTE Displacement is expressed in kilograms or tonnes.

3.5.1

loaded displacement

m_{LDC}

mass of the craft, including all appendages, when in the fully loaded, ready-for-use condition according to 7.3

3.5.2

displacement volume

V_D

volume of water displaced by the craft that corresponds to the displacement mass, as defined in 3.5

NOTE 1 Where the density of water used to calculate the volume of displacement is not salt water at a density of 1 025 kg/m³, the density of water used to calculate the volume of displacement is specified.

NOTE 2 Displacement volume is expressed in cubic metres.

3.6

tank capacity

net usable volume of the tank(s) for the craft at rest at the reference waterline, WL_{ref}