



BSI Standards Publication

Small craft — Principal data

National foreword

This British Standard is the UK implementation of EN ISO 8666:2020+A11:2021. It is derived from ISO 8666:2020. It supersedes BS EN ISO 8666:2020, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee GME/33, Small craft.

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

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Amendments/corrigenda issued since publication

Date	Text affected
31 March 2021	Implementation of CEN correction notice 17 February 2021: correction to Annex ZA
31 March 2022	Implementation of CEN amendment A11:2021: amendment to Annex ZA

English Version

Small craft - Principal data (ISO 8666:2020)

Petits navires - Données principales (ISO 8666:2020)

Kleine Wasserfahrzeuge -
Hauptdaten (ISO 8666:2020)

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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European foreword

This document (EN ISO 8666:2020) has been prepared by Technical Committee ISO/TC 188 "Small craft" in collaboration with Technical Committee CEN/TC 464 "Small Craft" the secretariat of which is held by SIS.

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of an identical text or by endorsement, at the latest by May 2021, and conflicting national standards shall be withdrawn at the latest by May 2021.

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

This document supersedes EN ISO 8666:2018.

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 the relationship with EU Directive(s) see informative [Annex ZA](#), which is an integral part of this document.

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Endorsement notice

The text of ISO 8666:2020 has been approved by CEN as EN ISO 8666:2020 without any modification.

European foreword to amendment A11

This document (EN ISO 8666:2020/A11:2021) has been prepared by Technical Committee CEN/TC 464 "Water analysis" the secretariat of which is held by SIS.

This Amendment to the European Standard EN ISO 8666:2020 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2022, and conflicting national standards shall be withdrawn at the latest by April 2022.

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Annex ZA (informative)

Relationship between this European Standard and the essential requirements of Directive 2013/53/EU aimed to be covered

This European Standard has been prepared under a Commission's standardization request M/542/C (2015) 8736 final to provide one voluntary means of conforming to essential requirements of Directive 2013/53/EU.

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding essential requirements of that Directive, and associated EFTA regulations.

Table ZA.1 — Correspondence between this European Standard and Directive 2013/53/EU

Essential Requirements of Directive 2013/53/EU	Clause(s)/sub-clause(s) of this EN	Remarks/Notes
Article 3(10) – Definitions - 'Hull length'	5.2.1, 5.2.3, 8.3	- 'Hull length' means the length of hull measured in accordance with the harmonised standard. This standard establishes the methodology for measuring the length of hull L_H .
I.A.2 GENERAL REQUIREMENTS		
I.A.2.2 (d) – Watercraft builder's plate	6.6	The Standard establishes the definition for "maximum load m_{ML} ". This is to be understood as the "manufacturer's recommended maximum load".
I.A.2.5 – Owner's Manual	3	This standard establishes and defines terms used in owner's manuals.
I.A.3 INTEGRITY AND STRUCTURAL REQUIREMENTS		
I.A.3.1 - Structure	3, 4, 5, 6, 7, 8	This Standard establishes definitions for main dimensions and related data, mass specifications and loading conditions that are required for determining hull construction and scantlings.
I.A.3.2 - Stability and freeboard	3, 4, 5, 6, 7, 8	This Standard establishes definitions for main dimensions and related data, mass specifications and loading conditions that are required for evaluating the stability and buoyancy of intact (i.e. undamaged)

		boats in order to assign a design category appropriate to the design and maximum load.
I.A.3.3 – Buoyancy and floatation	3, 4, 5, 6, 7, 8	This Standard establishes definitions for main dimensions and related data, mass specifications and loading conditions that are required for evaluating the flotation characteristics of boats susceptible to swamping and the requirements for inverted buoyancy.
I.A.3.4 – Openings in hull, deck and superstructure	5.2.3, 5.3.2, 5.3.3	This Standard establishes the need to maintain structural integrity when evaluating what constitutes length and beam.
I.A.3.6 - Manufacturer's maximum recommended load	6.6	The Standard establishes the definition for "maximum load m_{ML} ". This is to be understood as the "manufacturer's recommended maximum load".
I.A.5 INSTALLATION REQUIREMENTS		
I.A.5.4.2 – Steering systems - Emergency arrangements for sailing recreational craft and single-propulsion engine non-sailing recreational craft with remote-controlled rudder steering systems	3.8, 3.9	The Standard establishes definitions for a "sailing craft" and a "non-sailing craft". These definitions shall be used wherever required for the application of the essential requirements set out in Annex I of Directive 2013/53/EU.

WARNING 1 — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2 — Other Union legislation may be applicable to the product(s) falling within the scope of this standard.

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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).

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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.