BSI Standards Publication

Small craft - Man-overboard prevention and recovery

bsi.

National foreword

This British Standard is the UK implementation of EN ISO 15085:2003+A2:2018. It is identical to ISO 15085:2003, incorporating amendment 1:2009 and amendment 2:2017. It supersedes BS EN ISO 15085:2003+A1:2009, which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to ISO text carry the number of the ISO amendment. For example, text altered by ISO amendment A2 is indicated by 〚A2〉 〈A2〛.

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 secretary.

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

Published by BSI Standards Limited 2018

ISBN 978 0 580 91406 5

ICS 47.080

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 14 April 2003.

Amendments/corrigenda issued since publication

Date	Text affected
11 August 2003	Replacing the EN ISO foreword page and the Annex ZA page and incorporating the Annex ZB page
31 August 2009	Implementation of ISO amendment 1:2009, with CEN endorsement A1:2009
31 May 2018	Implementation of ISO amendment 2:2017, with CEN endorsement A1:2018

EUROPEAN STANDARD EN ISO 15085:2003

NORME EUROPÉENNE

EUROPÄISCHE NORM April 2018

ICS 47.080 Supersedes EN ISO 15085:2003/A1:2009

English Version

Small craft - Man-overboard prevention and recovery (ISO 15085:2003)

Petits navires - Prévention de chutes d'homme à la mer et remontée à bord (ISO 15085:2003)

Kleine Wasserfahrzeuge - Verhütung von Mann-über-Bord- Unfällen und Bergung (ISO 15085:2003)

This European Standard was approved by CEN on 6 December 2002.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

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.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.

EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Ref. No. EN ISO 15085:2003+A2:2018: E

European foreword

This document (EN ISO 15085:2003) has been prepared by Technical Committee ISO/TC 188 "Small craft", the secretariat of which is held by 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 October 2003, and conflicting national standards shall be withdrawn at the latest by October 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.

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Endorsement notice

The text of ISO 15085:2003 has been approved by CEN as EN ISO 15085:2003 without any modifications.

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

Foreword to amendment A1

This document (EN ISO 15085:2003/A1:2009) has been prepared by Technical Committee ISO/TC 188 "Small craft".

This Amendment to the European Standard EN ISO 15085:2003 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2009, and conflicting national standards shall be withdrawn at the latest by November 2009.

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

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Endorsement notice

The text of ISO 15085:2003/Amd 1:2009 has been approved by CEN as a EN ISO 15085:2003/A1:2009 without any modification.

Foreword to amendment A2

This document (EN ISO 15085:2003/A2:2018) has been prepared by Technical Committee ISO/TC 188 "Small craft".

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 October 2018, and conflicting national standards shall be withdrawn at the latest by October 2018.

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This document supersedes EN ISO 15085:2003/A1:2009.

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 EC Directive(s).

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

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Endorsement notice

The text of ISO 15085:2003/Amd 2:2017 has been approved by CEN as EN ISO 15085:2003/A2:2018 without any modification.

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 Annex I of Directive 2013/53/EU

Essential Requirements of Directive 2013/53/EU	Clause(s)/subclause(s) of this EN	Remarks/Notes
Annex I, Part A, 2.5 – Owner's manual	Clause 17	
Annex I, Part A, 2.3 – Protection from falling overboard and means of reboarding	Clauses 1 to 16	

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.

Annex ZB
(informative)

Clauses of this European Standard addressing essential requirements or other provisions of EU Directives

This European Standard 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 94/25/EC.

WARNING: Other requirements and other EU Directive may be applicable to the product(s) falling within the scope of this standard.

The following clauses of this standard, as detailed in Table ZB.1, are likely to support requirements of Directive 94/25/EC.

Compliance with the clauses of this standard provides one means of conforming with the specific essential requirements of the Directive concerned and associated EFTA regulations.

Table ZB.1 — Correspondence between this European Standard and Annex I of Directive 2013/53/EU

Clauses/sub-clauses of this European Standard	Corresponding annexes/paragraphs of Directive 94/25/EC	Comments
All Clauses	Annex 1, 2.3	

Contents

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 15085 was prepared by Technical Committee ISO/TC 188, *Small craft*.

Introduction

This International Standard is based on the idea that safety on board of small craft is not obtained through one simple safety item, but through the conjunction of several items.

It is also based on the knowledge that there is not one single set of safety items per design category and boat type, but several. In some instances, it therefore provides the boat builder with different options according to the general use he intends for the boat, within its design category.

The main issue is the definition of the working deck, up to the boat builder, and as people present on the working deck under normal operation, i.e. under way, shall be protected. This definition is of major importance. For example, on some boats the working deck is limited to the cockpit, whereas in others it encompasses the whole deck area.

Access to and use of strong points is a separate issue and is therefore treated differently: this access and use is needed, but not necessarily when the boat is under way and never at full speed, hence not necessarily on the working deck.

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Small craft - Man-overboard prevention and recovery

1 Scope

This International Standard specifies the design as well as the construction and strength requirements for safety devices and arrangements intended to minimize the risk of falling overboard, and requirements to facilitate reboarding.

It describes means which can be used individually or combined to achieve these objectives, and applies to small craft of up to 24 m length of hull.

This International Standard is not applicable to the following boat types:

— aquatic toys;

— canoes, kayaks, or other boats with a beam less than 1,1 m;

— personal watercraft, covered by ISO 13590;

— inflatable boats with a hull length of less than 8 m, covered by ISO 6185.

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.

〚A2〛ISO 8666:2016〚A2〛, *Small craft - Principal data*

〚A2〛ISO 12217 (all parts):2015〚A2〛, *Small craft - Stability and buoyancy assessment and categorization*

3 Terms and definitions

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

3.1
design category
description of the sea and wind conditions for which a boat is assessed to be suitable

Note 1 to entry: The applicable design categories are summarized in Table 1.

Table 1 — Definitions of the design categories

Design category	Wind speed (Beaufort scale)	Significant wave height m
A - “Ocean”	> 8	> 4
B - “Offshore”	≤ 8	≤ 4
C - “Inshore”	≤ 6	≤ 2
D - “Sheltered waters”	≤ 4	≤ 0,3