



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN ISO 12217-1:2017

Small craft - Stability and buoyancy assessment and categorization - Part 1: Non-sailing boats of hull length greater than or equal to 6 m (ISO

Petits navires - Évaluation et
catégorisation de la stabilité et de la
flottabilité - Partie 1: Bateaux à
propulsion non vélique d'une longueur

Kleine Wasserfahrzeuge - Stabilitäts- und
Auftriebsbewertung und Kategorisierung
- Teil 1: Nicht-Segelboote ab 6 m
Rumpflänge (ISO 12217-1:2015)

09/2017



National Foreword

This European Standard EN ISO 12217-1:2017 was adopted as Luxembourgish Standard ILNAS-EN ISO 12217-1:2017.

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ILNAS-EN ISO 12217-1:2017

EUROPEAN STANDARD **EN ISO 12217-1**

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Small craft - Stability and buoyancy assessment and categorization - Part 1: Non-sailing boats of hull length greater than or equal to 6 m (ISO 12217-1:2015)

Petits navires - Évaluation et catégorisation de la stabilité et de la flottabilité - Partie 1: Bateaux à propulsion non vélique d'une longueur de coque supérieure ou égale à 6 m (ISO 12217-1:2015)

Kleine Wasserfahrzeuge - Stabilitäts- und Auftriebsbewertung und Kategorisierung - Teil 1: Nicht-Segelboote ab 6 m Rumpflänge (ISO 12217-1:2015)

This European Standard was approved by CEN on 23 July 2017.

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 CEN-CENELEC 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 CEN-CENELEC Management Centre has the same status as the official versions.

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European foreword

The text of ISO 12217-1:2015 has been prepared by Technical Committee ISO/TC 188 “Small craft” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 12217-1:2017.

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 March 2018, and conflicting national standards shall be withdrawn at the latest by March 2018.

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 12217-1:2015.

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 ZA, 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, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 12217-1:2015 has been approved by CEN as EN ISO 12217-1:2017 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)/sub-clause(s) of this EN	Remarks/Notes
I.A.1 - Watercraft Design Categories	Clause 5, 6, 7, Annex I	The evaluation of stability and buoyancy properties using EN ISO 12217-1 will enable boats primarily propelled by human or mechanical power of 6 m to 24 m hull length to be assigned to a design category (A, B, C or D) appropriate to its design and maximum load. Design categories A, B, C and D defined in this standard correspond to design categories A, B, C and D of Directive 2013/53/EU.
I.A.2.3.2 - Stability and Freeboard	Clause 5, 6 Annexes A, B, C, D, E	
I.A.2.3.3 - Buoyancy and flotation	Clause 6.6, 6.8 Annexes F, G	Habitable multihulls susceptible to inversion shall also comply with the inverted buoyancy requirements of ISO 12217-2, 7.12.
I.A.2.3.5 - Flooding	Clause 6 Annex A, B C and D	In respect of watertight integrity and downflooding openings including ventilation openings and fittings.
I.A.2.3.6 - Maximum recommended load	Clause 5	
I.A.3.8 - Escape	Clause 6.6	Habitable multihulls susceptible

		to inversion shall also comply with the escape requirements of ISO 12217-2, 7.13. This standard does not include means of escape in the event of fire.
I.A.2.5 - Owner's manual	Annex H	

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.

**Small craft — Stability and buoyancy
assessment and categorization —**

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Non-sailing boats of hull length
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*Partie 1: Bateaux à propulsion non vélique d'une longueur de coque
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