

**SLOVENSKI STANDARD**  
**SIST EN ISO 12215-5:2008/A1:2014**  
**01-oktober-2014**

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**Mala plovila - Konstrukcija trupa in zahtevane lastnosti - 5. del: Načrtovani tlaki za trupe, načrtovane napetosti in določanje lastnosti - Dopnilo 1 (ISO 12215-5:2008/Amd 1:2014)**

Small craft - Hull construction and scantlings - Part 5: Design pressures for monohulls, design stresses, scantlings determination - Amendment 1 (ISO 12215-5:2008/Amd 1:2014)

**Kleine Wasserfahrzeuge - Rumpfbauweise und Dimensionierung - Teil 5: Entwurfsdrücke für Einrumpffahrzeuge, Entwurfsspannungen, Ermittlung der Dimensionierung - Änderung 1 (ISO 12215-5:2008/Amd 1:2014)**

**Petits navires - Construction de coques et échantillonnage - Partie 5: Pressions de conception pour monocques, contraintes de conception, détermination de l'échantillonnage - Amendement 1 (ISO 12215-5:2008/Amd 1:2014)**

**Ta slovenski standard je istoveten z: EN ISO 12215-5:2008/A1:2014**

**ICS:**

47.020.10	Ladijski trupi in njihovi konstrukcijski elementi	Hulls and their structure elements
47.080	Čolni	Small craft

**SIST EN ISO 12215-5:2008/A1:2014**      **en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 12215-5:2008/A1**

July 2014

ICS 47.080

English Version

**Small craft - Hull construction and scantlings - Part 5: Design pressures for monohulls, design stresses, scantlings determination - Amendment 1 (ISO 12215-5:2008/Amd 1:2014)**

Petits navires - Construction de coques et échantillonnage -  
Partie 5: Pressions de conception pour monocoques,  
contraintes de conception, détermination de  
l'échantillonnage - Amendement 1 (ISO 12215-5:2008/Amd  
1:2014)

Kleine Wasserfahrzeuge - Rumpfbauweise und  
Dimensionierung - Teil 5: Entwurfsdrücke für  
Einrumpffahrzeuge, Entwurfsspannungen, Ermittlung der  
Dimensionierung - Änderung 1 (ISO 12215-5:2008/Amd  
1:2014)

This amendment A1 modifies the European Standard EN ISO 12215-5:2008; it was approved by CEN on 28 May 2014.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant 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 amendment 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.

CEN members are the national standards bodies of 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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## Foreword

This document (EN ISO 12215-5:2008/A1:2014) has been prepared by Technical Committee ISO/TC 188 "Small craft" in collaboration with CCMC.

This Amendment to the European Standard EN ISO 12215-5:2008 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2015, and conflicting national standards shall be withdrawn at the latest by January 2015.

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.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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The text of ISO 12215-5:2018/Amd 1:2014 has been approved by CEN as EN ISO 12215-5:2008/A1:2014 without any modification.

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**Annex ZA**  
(informative)  
**Relationship between this European Standard and the Essential Requirements of EU Directive 94/25/EC as amended by Directive 2003/44/EC**

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide one means of conforming to Essential Requirements of the New Approach Directive 94/25/EC as amended by Directive 2003/44/EC.

Once this International Standard is cited in the Official Journal of the European Union under that Directive and has been implemented as a national standard in at least one Member State, compliance with the normative clauses of ISO 12215-5 given in Table ZA.1 confers, within the limits of the scope of ISO 12215-5, a presumption of conformity with the corresponding Essential Requirements of that Directive and associated EFTA regulations.

**Table ZA.1 — Correspondence between this International Standard and Directive 94/25/EC as amended by Directive 2003/44/EC**

Clause(s)/sub-clause(s) of this International Standard	Essential requirements (ERs) of Directive 94/25/EC as amended by Directive 2003/44/EC	Qualifying remarks/Notes
All clauses	Annex I Part A, Clause 3.1, Structure	<p>The standard provides requirements for scantling determination for monohull craft constructed from fibre reinforced plastics, aluminium or steel alloys, glued wood (laminated) or similar suitable materials.</p> <p>Annex A provides link to software/Excel spreadsheet for simplified calculation for craft in design categories A-C up to 12 m and in design category D up to 24 m in respect of craft constructed of GRP, steel and aluminium.</p>

WARNING: Other requirements and other EU Directives may be applicable to the products falling within the scope of this standard.

INTERNATIONAL  
STANDARD

ISO  
12215-5

First edition  
2008-04-15

**AMENDMENT 1**  
2014-07-01

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**Small craft — Hull construction and  
scantlings —**

Part 5:  
**Design pressures for monohulls,  
design stresses, scantlings  
determination**

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*Petits navires — Construction de coques et échantillonnage —*

*Partie 5: Pressions de conception pour monoques, contraintes de  
conception, détermination de l'échantillonnage*

*AMENDEMENT 1*



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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. [www.iso.org/directives](http://www.iso.org/directives)

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received. [www.iso.org/patents](http://www.iso.org/patents)

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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*.

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