



NSAI
Standards

Irish Standard
I.S. EN 1502:2020

Inland navigation vessels - Boarding stairs

I.S. EN 1502:2020

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National Foreword

I.S. EN 1502:2020 is the adopted Irish version of the European Document EN 1502:2020, Inland navigation vessels - Boarding stairs

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EUROPEAN STANDARD

EN 1502

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2020

ICS 47.020.10; 47.060

Supersedes EN 1502:1995

English Version

Inland navigation vessels - Boarding stairs

Bateaux de navigation intérieure - Escaliers de
bordaille

Fahrzeuge der Binnenschifffahrt - Außenbordtreppen

This European Standard was approved by CEN on 13 January 2020.

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 COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 1502:2020) has been prepared by Technical Committee CEN/TC 15 "Inland navigation vessels", the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by September 2020, and conflicting national standards shall be withdrawn at the latest by September 2020.

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 1502:1995.

The following changes have been made to EN 1502:1995:

- a) Clause "Terms and definitions" has been revised, definitions have been changed, the term "hook" has been deleted;
- b) handrail must be provided on both sides;
- c) maximum permissible masses in Table 1 have been adapted;
- d) design requirements have been reformulated;
- e) material requirements have been changed, FRP is accepted;
- f) tests have been formulated more precisely;
- g) the document was editorially revised.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

EN 1502:2020 (E)

1 Scope

This document applies to boarding stairs for inland navigation vessels. Boarding stairs are used on inland navigation vessels for a safe transition into ship's boats, safe disembarking to the shore or a safe crossing over onto vessels with lower decks.

This document specifies safety requirements on the design, dimensions and strength and test methods for outboard stairs.

Boarding stairs are designed for vessels having a boarding height greater than 1,5 m above the light water-line. They can be used up to a height of around 3,0 m above the light water-line.

Boarding stairs are not intended for use by passengers.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 22768-1, *General tolerances - Part 1: Tolerances for linear and angular dimensions without individual tolerance indications (ISO 2768-1)*

3 Terms and definitions

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

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

3.1

boarding stair

movable device with steps to be attached to the vessel's side for comfortable boarding and disembarking

3.2

string

<inland navigation> lateral limitation of a boarding stair supporting the steps

3.3

step

<inland navigation> tread of the boarding stair

3.4

inclination angle

<inland navigation> angle between the pitch line connecting the front edge of the steps and the horizontal line

3.5

handrail

<inland navigation> component parallel to the string (3.2) serving as handhold and as fall protection

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