



NSAI
Standards

Irish Standard
I.S. EN ISO 2922:2000

Acoustics - Measurement of airborne sound emitted by vessels on inland waterways and harbours (ISO 2922:2000)

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I.S. EN ISO 2922:2000

Incorporating amendments/corrigenda/National Annexes issued since publication:
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I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

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SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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ICS 17.140.30

English Version

Acoustics - Measurement of airborne sound emitted by vessels on inland waterways and harbours (ISO 2922:2000/Amd 1:2013)

Acoustique - Mesurage du bruit aérien émis par les bateaux
de navigation intérieure et portuaire (ISO 2922:2000/Amd
1:2013)

Akustik - Messung des von Wasserfahrzeugen auf
Binnengewässern und in Häfen abgestrahlten Luftschalls
(ISO 2922:2000/Amd 1:2013)

This amendment A1 modifies the European Standard EN ISO 2922:2000; it was approved by CEN on 8 July 2013.

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Foreword

This document (EN ISO 2922:2000/A1:2013) has been prepared by Technical Committee ISO/TC 43 “Acoustics” in collaboration with Technical Committee CEN/TC 121 “Acoustics” the secretariat of which is held by DS.

This Amendment to the European Standard EN ISO 2922:2000 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2014, and conflicting national standards shall be withdrawn at the latest by January 2014.

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 2922:2000/Amd 1:2013 has been approved by CEN as EN ISO 2922:2000/A1:2013 without any modification.

EUROPEAN STANDARD

EN ISO 2922

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2000

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Supersedes EN 22922:1993

English version

Acoustics - Measurement of airborne sound emitted by vessels on inland waterways and harbours (ISO 2922:2000)

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Akustik - Messung des von Wasserfahrzeugen auf
Binnengewässern und in Häfen abgestrahlten Luftschalls
(ISO 2922:2000)

This European Standard was approved by CEN on 30 September 2000.

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EN ISO 2922:2000

Foreword

The text of the International Standard ISO 2922:2000 has been prepared by Technical Committee ISO/TC 43 "Acoustics" in collaboration with Technical Committee CEN/TC 211 "Acoustics", the secretariat of which is held by DS.

This European Standard supersedes EN 22922:1993.

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 2001, and conflicting national standards shall be withdrawn at the latest by May 2001.

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NOTE FROM CEN/CS: The foreword is susceptible to be amended on reception of the German language version. The confirmed or amended foreword, and when appropriate, the normative annex ZA for the references to international publications with their relevant European publications will be circulated with the German version.

Endorsement notice

The text of the International Standard ISO 2922:2000 was approved by CEN as a European Standard without any modification.

INTERNATIONAL STANDARD

ISO 2922

Second edition
2000-11-01

Acoustics — Measurement of airborne sound emitted by vessels on inland waterways and harbours

*Acoustique — Mesurage du bruit aérien émis par les bateaux de navigation
intérieure et portuaire*



Reference number
ISO 2922:2000(E)

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ISO 2922:2000(E)

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.

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.

International Standard ISO 2922 was prepared by Technical Committee ISO/TC 43, *Acoustics*, Subcommittee SC 1, *Noise*.

This second edition cancels and replaces the first edition (ISO 2922:1975), which has been technically revised.

Acoustics — Measurement of airborne sound emitted by vessels on inland waterways and harbours

1 Scope

This International Standard specifies the conditions for obtaining reproducible and comparable measurement results of the airborne sound emitted by vessels of all kinds on inland waterways and in ports and harbours, except powered recreational craft as specified in ISO 14509. This International Standard is applicable to small sea-going vessels, harbour vessels, dredgers, and all watercraft including non-displacement craft, used or capable of being used as a means of transport on water.

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.

IEC 60942, *Electroacoustics — Sound calibrators*.

IEC 61260, *Electroacoustics — Octave-band and fractional-octave-band filters*.

IEC 61672-1, *Electroacoustics — Sound level meters — Part 1: Specifications*.¹⁾

3 Terms and definitions

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

3.1

acceptance test for vessels

acceptance test

measurement performed to prove that the sound emitted by the vessel, stationary or in motion, as delivered by the manufacturer, complies with noise specifications or prescribed limits

3.2

monitoring test for vessels

monitoring test

measurement performed in order to check that the sound emitted by the vessel, stationary or in motion, is still within prescribed limits and that no noticeable changes have occurred since the acceptance on initial delivery or after modification, as applicable

1) To be published. (Revision of IEC 60651 and IEC 60804)

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