



BSI Standards Publication

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

National foreword

This British Standard is the UK implementation of EN ISO 2922:2020. It is identical to [ISO 2922:2020](#). It supersedes BS EN ISO 2922:2000+A1:2013, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee EH/1/2, Transport noise.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Amendments/corrigenda issued since publication

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English Version

Acoustics - Measurement of airborne sound emitted
by vessels on inland waterways and harbours
(ISO 2922:2020)

Acoustique - Mesurage du bruit aérien émis
par les bateaux de navigation intérieure
et portuaire (ISO 2922:2020)

Akustik - Messung des von Wasserfahrzeugen
auf Binnengewässern und in Häfen
abgestrahlten Luftschalls (ISO 2922:2020)

This European Standard was approved by CEN on 10 December 2020.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

This document (EN ISO 2922:2020) 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 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of an identical text or by endorsement, at the latest by June 2021, and conflicting national standards shall be withdrawn at the latest by June 2021.

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 2922:2000.

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, 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.

Endorsement notice

The text of [ISO 2922:2020](#) has been approved by CEN as EN ISO 2922:2020 without any modification.

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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 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 43, *Acoustics*, Subcommittee SC 1, *Noise*.

This third edition cancels and replaces the second edition ([ISO 2922:2000](#)), which has been technically revised. It also incorporates the amendment ISO 2922:2000/Amd 1:2013.

The main changes compared to the previous edition are as follows:

- clarification in the Scope that the document is applicable to vessels of all speeds and lengths;
- specification of: sound pressure level measurement response (slow), in [4.1](#); integration time for background noise (5 min), in [6.4](#); and the surf/weather limitation (sea state 1), in [6.3.2](#), during the survey period;
- addition of a formula to compute the sound pressure level at 25 m in [10.1.4](#).

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.