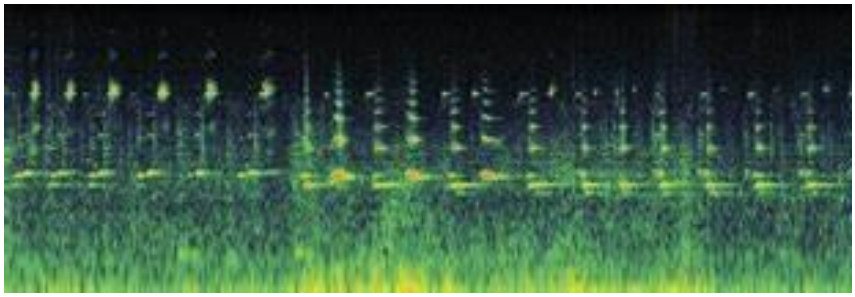
Updated Tonal Noise Assessment Method

ISO TS 20065, just published, describes how best to assess tonal noise in the environment

January 13th, 2023 - Copenhagen, Denmark



At the end of December 2022, the ISO TS 20065:2022 "Objective Method for Assessing the Audibility of Tones in Noise – Engineering method" was published. It describes a state-of-the-art method for the objective determination of the audibility of tones in environmental noise with engineering grade quality. It augments the usual method for evaluation on the basis of aural impression, in particular, in cases in which there is no agreement on the degree of the audibility of tones. The refined and better documented method is now ready for use in determining how tonal noise affects communities.

Douglas Manvell states "*I am very happy to see the publication of ISO TS 20065:2022 concerning the assessment of tonal noise sources in the environment. And, as convenor of the involved Working Group 45, I would like to thank all the members who reviewed, tested and refined this method and its description, and supported getting international consensus on it.*"

ISO TS 20065:2022 is an upgrade of the method from a Publicly Available Specification from 2016 to a Technical Specification, TS. A Technical Specification is intended as a precursor to later publication as a full International Standard and, unlike a Publicly Available Specification, does not have a maximum life. In addition to its conversion, and the changes were primarily editorial and intended to provide a clearer standard, additional background information, and to include audio files to help the implementation of software. In addition, guidance on residual sound has been included.

To purchase the Specification or for more information about standardization within acoustics and noise, contact your national standardization organization. To hear more about the method, get in touch with DMdB:

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