
AMERICAN NATIONAL STANDARD

**Procedure for Determining Audiograms in Toothed Whales
through Evoked Potential Methods**

ANSI/ASA S3/SC1.6-2018

Accredited Standards Committee S3/SC 1, Animal Bioacoustics

Standards Secretariat
Acoustical Society of America
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Secretariat:

Acoustical Society of America

Approved on May 31, 2018, by:

American National Standards Institute, Inc.

Abstract

This standard describes measurement procedures for obtaining audiograms in odontocete cetaceans (i.e., toothed whales) via evoked potential methods, specifically by generation of the auditory steady-state response (ASSR). Methods are specified for the use of sinusoidally amplitude-modulated (SAM) tones and trains of tone bursts. It further establishes standards for reporting data collection methods, analyses, and hearing thresholds.