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# AMERICAN NATIONAL STANDARD

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

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ANSI/ASA S3/SC1.6-2018

Accredited Standards Committee S3/SC 1, Animal Bioacoustics

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

**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.

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