



Acoustical Society of America

OFFICE OF THE
STANDARDS SECRETARIAT

Susan Blaeser
Standards Manager

35 Pinelawn Road, Suite 114 E, Melville, NY 11747

Telephone (631) 390-0215
Fax (631) 390-0217
E-mail asastds@aip.org

For Additional Information Contact:
Susan Blaeser
(631) 390-0215

New American National Standard published: "Measurement and Evaluation of Broadband Vibration of Surface Ship Auxiliary Rotating Machinery"

(June 2, 2009) The Acoustical Society of America announced the recent publication of **ANSI/ASA S2.28-2009, American National Standard Guide for the Measurement and Evaluation of Broadband Vibration of Surface Ship Auxiliary Rotating Machinery**. This is a revision of ANSI S2.28-2003.

This Standard contains procedures for the measurement and evaluation of broadband mechanical vibration of non-reciprocating auxiliary machines on surface ships, as measured on non-rotating parts. It applies to acceptance tests on new machinery (shop tests or on-board tests) and to *in-situ* tests on existing machinery on board ship. This American National Standard is related to the ISO 10816 series that provides guidelines for the evaluation of different types of machines.

This Standard was developed by Accredited Standards Committee S2, Mechanical Vibration and Shock, with the assistance of Working Group 10/Panel 2, Operational Monitoring and Condition Evaluation, under operating procedures accredited by the American National Standards Institute (ANSI). These procedures assure that the Standard represents the consensus of opinion among those with a direct and material interest in the subject matter. The peer-reviewed standard was drafted by a working group comprising experts from all segments of the ship and shipbuilding related acoustical community.

Maryon "Skip" Williams, Ph.D., senior engineer at Condition Analyzing Corporation was the working group's project leader. He commented, "This standard will be valuable to suppliers and purchasers of rotating machinery destined for shipboard use, as well as to those charged with the maintenance of such machinery." Some parts of this standard are also applicable to other rotating machines.

ANSI/ASA S2.28-2009 is priced at \$110.00. This standard and many other national and international standards can be obtained from the Acoustical Society of America Online Store at: <http://asa.aip.org>.

Standards may also be ordered by phone, fax or mail from: Acoustical Society of America, 35 Pinelawn Road, Suite 114E, Melville NY 11747-3177, Phone: 631-390-0215 Fax: 631-390-0217, Email: asastds@aip.org

ASA offers the full catalog of **ISO/TC108**, **ISO/TC43**, and **IEC/TC29** standards, as well as a wide range of **American National Standards** on the topics of **Acoustics**, **Mechanical Vibration and Shock**, **Bioacoustics**, and **Noise**.

The American National Standards Institute, Inc. (ANSI) is the national coordinator of voluntary standards development and the clearinghouse in the USA for information on national and international standards.

The Acoustical Society of America is a nonprofit organization founded in 1929. It is the premier international scientific society in acoustics, dedicated to increasing and diffusing the knowledge of acoustics and promoting its practical applications.