



PRESS RELEASE

FOR IMMEDIATE RELEASE
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SUBJECT: New Software to Monitor Ship Noise: *Sound-Guard*
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A new software program is now available that monitors a vessel's underwater noise. *Sound-Guard* is a PC-based data acquisition system used to measure, monitor, and log the underwater sound levels from any vessel. It is especially useful for research vessels which need to maintain low underwater noise during sensitive scientific operations. It may also be used by vessels that need to monitor sound output while operating in sensitive ocean areas or around sensitive marine habitats. *Sound-Guard* is designed to be used with existing hull mounted hydrophones, but ships without such equipment can also use *Sound-Guard* by installing other transducers.

Sound-Guard displays and compares the measured underwater sound levels to any specified noise limit including the limit specified by the International Council for the Exploration of the Seas in the Cooperative Research Report 209 (ICES CRR 209).

The software was developed by Noise Control Engineering (NCE) for the University of Delaware's new research vessel, R/V HUGH R. SHARP with a grant from the Office of Naval Research (ONR).



Sound-Guard Main Data Acquisition Screen.

The *Sound-Guard* system consists of an industrial-grade rack-mountable PC and touch screen. All *Sound-Guard* software features can be operated from the touch screen without the need for a mouse or keyboard. Administrative functions (setting up limits, recalling data) require a keyboard and other software applications such as Notepad and/or Excel. Data acquisition is through a 4-channel PCI-card (one expansion slot).

For more information go to www.noise-control.com/soundguard.html.