

Mission Statement
Revision 1 – Dated April 15, 2007

The mission of the ASA Standards Committee, Working Group 47 (WG47), “*Underwater Noise Measurement of Ships*” is to develop a commercial standard describing the instrumentation systems and methodologies for the measurement of the a vessel’s underwater noise signature. The standard shall have the following attributes:

1. The standard will have multiple “Grades” of measurement, each with a stated applicability, test methodology, instrumentation accuracy, system repeatability and complexity. Such issues can be directly and indirectly related to cost of performing the measurement. However, the standard as such, cannot and will not directly address cost.
2. For all “Grades”, the standard will only be applicable to surface vessels, either manned or unmanned. This standard will not be applicable to submerged vessels or aircraft (either manned or unmanned).
3. All “Grades” will be achievable with commercial-off-the-shelf (COTS) technology for all aspects of methodology, instrumentation and data processing.
4. The Standard will impose NO underwater noise limits and make NO comments on what is acceptable or unacceptable for any application.
5. The Standard will NOT address issues related to the following: vessel self-noise, diagnostic measurements, noise reduction techniques, environmental consequences of noise, effects of noise on marine life or passive underwater noise monitoring. While such matters are certainly related, these issues are typically considered outside the scope of a measurement standard.