



SNAME Bulletin

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Marine Vessel Environmental Performance (MVEP) Assessment Phase 1 Report - Public Release

Milestone in Effort to Quantify Environmental Impact of Vessels

SNAME is pleased to announce that Phase 1 of the Marine Vessel Environmental Performance Assessment (MVEP) project has been completed. This MVEP assessment effort will result in a comprehensive SNAME Technical & Research Bulletin to provide naval architects, marine engineers, vessel owners, operators, and other regulatory bodies with a standard methodology to assess the relative merits of design decisions and operational practices. Based on objective technical information, standard performance criteria will be provided to quantify the environmental impact of a vessel's life cycle.

Phase 1 was a pilot project to develop and test a methodology, and demonstrate the potential industry value of such a system. This report, prepared by The Glosten Associates and sponsored by the American Bureau of Shipping (ABS), the Glosten Associates, and SNAME, presents a checklist of 32 environmental impacts, called "credits," each having a set of managing technologies, practices, and assessment methodologies. The credit checklist covers a holistic ship perspective grouped into 4 categories: energy efficiency, air emissions, water emissions, and other general areas. A "Panel Package" is included with descriptions of all the credits, 3 proof-case Guides, and a Guide Template.

Phase 2 will involve multiple industry technical experts from SNAME who will write Performance Assessment Guides for the remaining credits. This effort will be coordinated and managed by T&R Ad Hoc Panel 19, chaired by Timothy S Leach, PE., who will then consolidate the guides into a comprehensive SNAME T&R Bulletin. Phase 2 efforts will be presented at the 2010 Annual Meeting and Expo, November 3-5, 2010 in Bellevue/Seattle, WA.

If you are interested in participating in this effort, please contact the project team through Eleanor Nick Kirtley, at enkirtley@glosten.com.

Further developments will be announced through the online [press release library](#) on www.SNAME.org.

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The Society of Naval Architects and Marine Engineers

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