

## **High Technology Ship with Shallow and Variable Draft and Self Loading/Unloading Features**

Project Title: High Technology Ship with Shallow and Variable Draft and Self Loading/Unloading Features

Primary Consortium Member: South Eastern New England Shipbuilding Consortium (SENESCO)

Additional Contractor/Consortium Members: Vibtech Incorporated

Project Objectives/Overview: The focus of this effort was to advance the technology associated with a variable draft cargo ship suitable for operations in new emerging markets with undeveloped or under developed port facilities. Additionally, this project included a marketing assessment and a parametric variation of ship sizes for this market.

Project Status: This project has been completed and the accomplishments include:

- Marketing and economic studies show the variable draft concept has near-term potential in emerging markets in South America
- Variable draft and self unloading features on vessels were shown to be very desirable characteristics for military operations where port facilities are limited or non-existent
- Advanced shipbuilding process technology was developed and integrated into the design of the vessels
- Examined the transition of the workforce from a purely defense to a commercial focus

Project Contacts:

Vibtech, Incorporated

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