

SELECTED PROJECT PORTFOLIO

**Vessel:** *M/V BARACUDA*  
**Operator:** United States Coast Guard  
**Client:** Bollinger Shipyards, Inc.

**Services Provided:**

- Performed shipboard noise prediction using SNAME T&R 3-37 and proprietary software program.
- Performed finite element analysis (FEA) of propulsion train foundation and mast.
- Recommended noise control treatments.
- Developed methods for simple torsional testing and tested the propulsion shafting using a non-contact system per Mil-Std-167, Type II.
- Conducted shipboard noise and vibration tests during sea trials.