

SELECTED PROJECT PORTFOLIO



**Vessel:** AGOR-23 (*R/V THOMAS THOMPSON*)  
AGOR-24 (*R/V ROGER REVELLE*)  
AGOR-25 (*R/V ATLANTIS*)  
AGOR-26 (*R/V RONALD BROWN*)

**Operator:** University of Washington  
Scripps Institution of Oceanography  
Woods Hole Oceanographic Institution  
NOAA

**Client:** Halter Marine Group

**Services Provided:**

- Performed shipboard noise prediction using SNAME T&R 3-37 and recommended all noise control treatments.
- Performed HVAC noise predictions using SNAME T&R 3-37 and recommended all noise control treatments.
- Performed finite element analysis (FEA) of equipment foundation and mast.
- Conducted shipboard noise and vibration tests during sea trials. Tests included structureborne vibration off all rotating equipment, ship-wide vibration survey, sonar self-noise and airborne noise survey.