

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.