

UNOLS Working Group on Observatory Facility Needs

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Working Group Membership

- **Alan Chave (WHOI), Chair**
- **Andy Bowen (WHOI) & Dana Yoerger (WHOI)**
- **Scott Glen (Rutgers)**
- **Wes Hill (SIO)**
- **Mike Kosro (OSU)**
- **Gene Massion (MBARI)**
- **Daniel Schwartz (UWash)**
- **Ken Smith (SIO)**
- **Bill Wall (International Telecom Group)**
- **Beecher Wooding (WHOI)**
- **Peter Worcester (SIO)**
- **Larry Mayer (UNH)**

Working Group Meeting: February 26, 2003

- Deep ocean observatory requirements for UNOLS vessels
 - H2O experience
 - NEPTUNE needs and Cable installation tools
- Deck handling and mooring deployment/recovery needs
- ROV and AUV requirements
- Mapping requirements
- Coastal observatory requirements
- Vessel characteristics, possible improvements, and recommendations for new vessel designs

Collecting Additional Information

- Large Buoy servicing requirements
- Long Core winch and deck hardware
- Info on cable repair ships or comparable vessels
- Industry ROV capabilities
- Investigate feasibility of purchase/lease of multipurpose heavy lift ship, including crew
- ROV and AUV needs
- Mapping sonars for observatory observations
- Examine Ocean and Regional SMRs
- Document aircraft needs
- Lab/deckspace configuration options
- Deck strengthening issues
- Shrouded nozzles
- DP systems