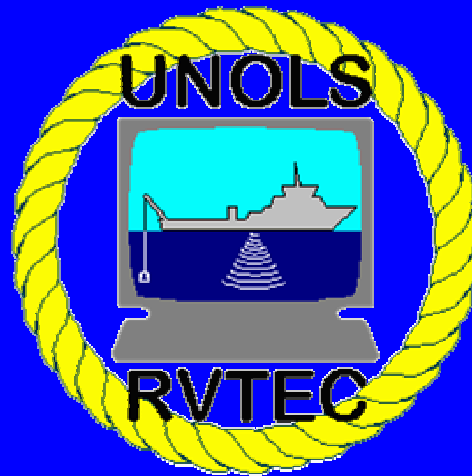


Research Vessel Technical Enhancement Committee Report



RVOC Meeting
October 2003

RVTEC Activities – 2002/2003

- **Upcoming 2003 RVTEC Meeting**
- **Input to Next Generation Wire project**
- **“Definitions of Technical Services”
Project**

2003 RVTEC Meeting

November 18-20, 2003

Hosted by USCG in Seattle, WA

- **Agency and UNOLS Reports**
- **Defined Levels of Technician/Instrumentation Support**
- **Hands-On Training Sessions:**
 - **Wireless Networking**
 - **Data Acquisition**
- **Vessel design/construction efforts**
- **Tours: HEALY and Sea-Bird Electronics, Inc.**
- **Winch and Wire Design Discussion**
- **Reports:**
 - Healy multibeam futures
 - Globally Corrected GPS
 - Report from High-Resolution Marine Meteorology workshop
 - Ridge 2000 Metadata forms
 - Arctic CTD
 - SeaNet Update

2003 RVTEC Meeting (continued)

- INMARTEC 2004

- Discussion sessions:

- SWAP (Ship-to-Ship/Shore Wireless Access Protocol)

- UNOLS Quality of Service Initiative

- Isotope Procedures

- STCW and ISM Compliance – updates?

- Improving “RVTEC” awareness/communications

- POS/MV operation and maintenance workshop

- Show and Tell session

- Subcommittee Reports

- New Business

RVTEC

Subcommittee on Technical Services

Subcommittee members:

- Stewart Lamerdin (MLML)
- Woody Sutherland (SIO)
- Barrie Walden (WHOI)
- Marc Willis (OSU)
- Bill Fanning (URI) – term begins in 11/03

Goals:

- Define the technical services that are provided in support of oceanographic research cruises aboard each UNOLS vessel.
- Develop a standardized, web-based format for providing this information.

RVTEC

Subcommittee Activities

- **Four phone/web conferences in 2003**
- **A Technical Service Information Topic Outline has been drafted. These outlines would serve as a template for all operator institutions.**
- **Each Subcommittee member is compiling technical services information for their respective institutions.**

Outline:

Technical Services Information Topics

- I. Vessel Operator Organizational Structure & Points of Contact**
- II. Pre-Cruise Planning and Services**
- III. Cruise Planning Details**
 - A. Laboratory Spaces
 - B. Deck Spaces
 - C. Determining Personnel Requirements
 - D. Berthing Spaces and Assignments
 - E. Ancillary Projects
- VI. Cruise Loading and Setup**

Outline (continued):

Technical Services Information Topics

VII. Activities At Sea

- A. Chief Scientist - General Responsibilities
- B. Scientific Party - General Responsibilities
- C. Shipboard technician(s) - Hours, Duties and Responsibilities
- D. Ship's Crew Responsibilities
- E. Ancillary Projects
- F. Science Operations
- G. Data Availability and Distribution
- H. Communications
- I. Safety considerations

VIII. Post-cruise activities

Project Timeline

- **October 16** – Post outline and draft material.
- **Oct 16- Nov 1** – Preliminary review/comment period (New, as well as, experienced ship users will be asked to provide input).
- **Nov 1-7** – Incorporate feedback and update outlines.
- **7 November** – provide outlines to RVTEC in preparation for the RVTEC meeting.
- **18 November** –RVTEC discussion on Technical Services Outline.