

**RESEARCH VESSEL TECHNICAL ENHANCEMENT COMMITTEE**  
**OCTOBER 18,19,20 2000**  
**Lamont-Doherty Earth Observatory**  
**of Columbia University**  
**Palisades, New York**

**Directions to the LDEO Campus are posted at:**  
[http://www.ldeo.columbia.edu/facilities/campus\\_map/](http://www.ldeo.columbia.edu/facilities/campus_map/)

*Wednesday, October 18, 2000:*  
*Monell Auditorium*

**8:30 am Informal Discussion Period**

**9:00 am Meeting Called to Order**

- Welcome by L-DEO
- Introductory Remarks by John Freitag, Chair
- Intro to Breakout Sessions – Dale Chayes

**9:15 am Participant Introductions**

**9:30 am Accept Minutes - [Accept the 1999 RVTEC Annual Meeting Minutes](#)**

**9:35 am Agency Reports:**

- NSF
- ONR
- NOAA
- NAVO
- USCG

**10:00 am Break**

**10:20 am UNOLS Reports**

- Summary of UNOLS Activities
- Report on Quality of service issues, Mike Prince, UNOLS Executive Secretary
- RVTEC liaisons with UNOLS Subcommittees:
  - FIC
  - AICC
  - RVOC

**11:20 am USCGC HEALY Science Systems Testing** - John Freitag will report on the outcome of the Science Systems Testing program on the USCGC HEALY and plans for the future.

**11:30 am ADCP Update on Phased Array ADCP systems** – John Freitag will provide an update on the status of testing the Phased Array Technology.

**11:45 am SeaNet Update** - Discussion on the installation and use of SeaNet Systems on UNOLS vessels, future plans for the SeaNet system and the present state of the art on satellite connectivity. (Dale Chayes/Andy Maffei)

**12:00 pm Lunch**

**1:00 pm Report on ISM issues and discussion** - Bill Martin (UW) and Paul Ljunggren (LDEO)

**1:30 pm Report from MATE** on activities during the past year and future directions.

**1:45 pm Discussion of Base levels of Technician/Instrumentation support provided on UNOLS ships** - Moderated by Sandy Shor, NSF

**2:45 pm Break**

**3:00 pm High speed data communication**

Conducted at L-DEO Lab facility (Dale Chayes)

**5:00 pm Adjourn Day 1 Business**

**Evening: Dinner/Activity (to be announced)**

---

**Thursday, October 19, 2000**

**8:30 am Informal Discussion**

**9:00 am Call to order and announcements**

**9:15 am Report from INMARTECH 2000** by Tony Amos and other attendees.

**9:30 am Break out sessions:**

- Workshop session on 0.322 electrical wire termination techniques
- Salinometer techniques – Hands on interactive session with Bruce Huber (LDEO)
- SeaNet Tutorial Session

**12:00 Noon Lunch**

**1:30 pm Break out sessions:**

- Workshop session on 0.322 electrical wire termination techniques (Repeat)
- SeaNet Tutorial Session (Repeat)

**4:00 pm Group discussion of Break out sessions, specific points**

**5:00 pm Adjourn Day 2 Business**

***RVTEC Dinner -October 19, 2000***  
**The River Club, Nyack, NY**  
**Please RSVP John Diebold at [marscico@ldeo.columbia.edu](mailto:marscico@ldeo.columbia.edu)**

---

***Friday, October 20, 2000***

**8:00 am Informal Discussion**

### **8:30 am Data Logging**

- NOAA/SCS user group session and presentations – Dennis Shields, NOAA
  - Demo of latest NOAA SCS software
  - Discussion of use of SCS on UNOLS and USCG ships

### **9:30 am Show and Tell session**

- OSU Data display system – Toby Martin, OSU
- Winch instrumentation recording – Bill Fanning, URI
- Data Network modules – Rich Findley

### **10:00 am Break**

### **10:20am Subcommittee Reports**

- Online Resources Subcommittee; Tom Wilson
- Data Interchange Subcommittee; Steve Poulos/Bill Martin
- Wire and Cable Specifications Review Subcommittee; Rich Findley
- Training and education committee; Bill Martin

### **11:40am New Business**

- Nominations and Election of Chair
- Selection of 2001 meeting site

*Adjournment*