

November 11, 2002

**RESEARCH VESSEL TECHNICAL ENHANCEMENT COMMITTEE**

**2002 Meeting**

**Ala Moana Hotel  
410 Atkinson Drive  
Honolulu, Hawaii 96814-4722**

**November 12-14, 2002**

**Pre-Registration is requested. Please complete the on-line form at:  
<<http://www.unols.org/rvtec/rvtmt211/registration.html>>**

*Tuesday, November 12, 2002 (Meeting location: Carnation Room - 2nd floor)*

**8:30 am Meeting Check-in and Informal Discussion Period**

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

- Welcome by Steve Poulos (U. Hawaii host)
- U. Hawaii Welcome Speaker – Brian Taylor
- Introductory Remarks by Dale Chayes, RVTEC Chair

**9:15 am RVTEC Participant Introductions**

**9:25 am Accept Minutes** - Accept the 2000 RVTEC Annual Meeting Minutes

**9:10 am Agency Reports:**

- NSF – Sandy Shor
- Navy – John Freitag
- NOAA – Mike Webb
- USCG – Joseph Bodensted

**9:50 am UNOLS Reports**

- Summary of UNOLS Activities
- UNOLS Subcommittee reports (RVOC, FIC, AICC, SSC, DESSC)

**10:15 am Break**

**10:35 am Defined Levels of Technician/Instrumentation Support** –Discussion of defined levels of Technician/Instrumentation support provided on UNOLS ships.

- Review current levels of support/instrumentations
- Discuss strategies for creating inventory and defining levels of support

**11:05 am UNOLS Quality of Service Initiative:**

- Review New Post Cruise Assessment Forms
- Improve the response rate from the shipboard technicians
- NSF Inspection Program
  1. Technical Services Feedback
  2. Agency comments - John Freitag (ONR)

**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 Lunch**

**1:00 pm Networking/wireless/communications:** Moderator – Toby Martin

- Report on RoadNet (Woody Sutherland)
- Report on INMARSAT F77 Marine Field Evaluation on the Ewing (Val Schmidt)
- Report on ship to ship wireless (Toby Martin)
- USCG HEALY/POLARSTERN report
- Other networking discussions....

**2:15 pm BREAK**

**2:35 pm Isotope Procedures (Jim Happell)** - Discussion on the isotope procedures and SWAB requirements.

**3:35 pm STCW and ISM Compliance** - Report/Discussion of how STCW and ISM have affected the work of the (large) ships

**4:00 pm New "Group Purchase" Vans** – General discussion and feedback from those using the vans.

**4:20 pm SeaBird Discussion/Follow-up** – Earlier in the year there was e-mail communication on SeaBird web- or computer-disseminated calibrations, formats, etc. Follow-up discussion.

**4:40 pm Vessel planning**

- Report on UNOLS Ocean and Regional SMR efforts – Mike Prince
- Report on EWING midlife planning – Diebold/Chayes
- ARR design status – Steve Hartz
- Report on KILO MOANA acceptance, trials, etc. – Steve Poulos

**5:15 pm Adjourn Day-One**

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**University of Hawaii / RVTEC Evening Reception at:  
Waikiki Yacht Club**

**1599 Ala Moana Blvd  
(Just 1.5 blocks from the Ala Moana Hotel)  
Pupu (Hawaiian for appetizer) Dinner  
6:00 pm**

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*Wednesday, November 13, 2002 (Meeting location: Ilima Room - 2nd floor)*

**8:30 am Winch and Wire Design Discussion (Chayes/Findley)**

- Next Generation Wire – establishing SMRs for the Wire
- Safe Working Loads
- New Over the Side Handling Gear

(mid morning break)

**12:00 pm Lunch**

**1:00 pm Potential Breakout Sessions:**

- New Multibeam systems in the fleet discussion on issues related to support, calibration, processing, maintenance, etc?
- Scintillation counters
- Performance of the new oxygen sensors from SBE
- Undulating vehicle needs, usage and availability (SeaSoar, Scanfish, Triaxus) – Tim Deering/Stewart Lamerdin

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**Wednesday Evening  
RVTEC Dinner at the Ala Moana Hotel – 6:00 pm**

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**Thursday, November 14, 2002**

**8:00 am Informal Discussion**

**8:30 am Call to order and announcements**

**8:40 am Status report on Phased Array ADCPs**

**9:20 am Working session - Levels of Technician/Instrumentation Support - Session II – Revisited from Day one – Discussion of defined levels of Technician/Instrumentation support provided on UNOLS ships. Develop strategy for creating inventory and defining levels of support**

**10:15 am INMARTEC 2002 (Barrie Walden) - Report on the INMARTECH 2002 meeting hosted by Japan on 7-11 October. Discussion on location for 2004 meeting.**

**10:30 am Break**

**10:50 am Report from MATE** on activities during the past year and future directions

**11:00 am Show and Tell session**

- KNORR Shallow Drilling DP – Dale Chayes
- Differential GPS via the INMARSAT satellite Model GcGPS mfg C&C Technologies – Bill Martin

**11:15 am Subcommittee Reports**

- Online Resources Subcommittee
- Discussion on RVTEC's role in data interchange – Dale Chayes
- Wire and Cable Specifications Review Subcommittee; Rich Findley
- Training and education committee; Bill Martin

**11:45 pm New Business**

- Nominations and Election of Chair
- Selection of 2003 meeting site

**12:15**     *Adjourn*

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**November 16, 2002 - Morning**  
**R/V KILO MOANA Tours**  
**Details to be provided at the meeting.**