

Revised : November 1, 2004

Tentative Agenda

RESEARCH VESSEL TECHNICAL ENHANCEMENT COMMITTEE

November 3-5, 2004

The Florida Institute of Oceanography will host this years' meeting at
**The University of South Florida – College of Marine Science, St. Petersburg, FL
Davis Hall, Room 130**

A map of the campus can be viewed at:

<http://www.stpt.usf.edu/aboutusf/map/images/StPete_USFc_printable.pdf>

All meeting participants are requested to register for the meeting and meals no later than **October 15th**. The registration form is posted on the UNOLS website and can be accessed by clicking: <[RVTEC Meeting Registration](#)>.

A pdf version of this agenda is available at <[200411rtvag.pdf](#)>.

Note to Presenters: A computer projector will be available at the meeting for presentations.

Wednesday, November 3, 2004

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

9:00 am Meeting Called to Order

- Welcome by Rob Walker (Meeting host – Program Coordinator, FIO)
- FIO Welcome Speaker – Dr. John Ogden
- Introductory Remarks by Dale Chayes, RVTEC Chair

9:15 am RVTEC Participant Introductions

9:25 am Accept Minutes - Accept the 2003 RVTEC Annual Meeting Minutes

9:10 am Agency Reports:

- NSF – Sandy Shor
- Navy – John Freitag
- NOAA – Mike Webb
- USCG – Jon Berkson

9:50 am UNOLS Reports

- RVOC (Bill Martin)
- RVOC Safety Committee (Bill Martin)
- FIC (Marc Willis)
- AICC (Dale Chayes)
- Council and Other UNOLS Activities (Dale Chayes and Annette DeSilva)

10:15 am Break

10:35 am Defined Levels of Technician/Instrumentation Support –The Technical Services Subcommittee will report on this year’s activities and proposed plans.

11:00 am Ship Design and Construction

- Report on EWING Replacement Plans – Diebold/Chayes
- ARRV design status – Steve Hartz
- CAPE HENLOPEN Replacement Vessel Status – Tim Deering

11:30 Lunch Break

12:30 pm Survey of ADCPs in the Fleet and Performance Assessment (Stewart Lamerdin)

- 38 kHz Ocean Surveyor ADCP installation on icebreaker/RV Nathaniel B. Palmer (Michael Carpenter)

1:30 pm Fleet wide Assessment of Towed Systems (Stewart Lamerdin)

2:30 pm Break

2:50 pm Orgnaizational Excellence Driven by Customer Satisfaction - (Lynn Wright, Architecture for Excellence)

3:35 pm Foreign Clearances for Working in EEZ Waters - (Woody Sutherland)

4:00 pm FIO and USF Presentations and Facilities Tour:

- [Alliance for Coastal Technologies](#) (ACT) - Sherryl Gilbert
- [Coastal Ocean Monitoring and Prediction System](#) (COMPS) and [Physical Oceanographic Real Time Systems](#) (PORTS) System - Dr. Mark Luther and Cliff Mertz, University of South Florida, College of Marine Science
- Ocean Technology Center - Larry Langebrake, Director of the Center for Ocean Technology (COT), University of South Florida (USF), College of Marine Science
- FIO Ships

5:00 pm Adjourn Day-One

Wednesday Evening

**Shrimp Boil
At the US Coast Guard Station in St. Petersburg.**

Thursday, November 4, 2004

8:00 am Coffee and Informal Discussion

8:30 am Call to order and announcements

8:40 am Reports

- High-Resolution Marine Meteorology workshop (Shawn Smith)
- SeaNet Update (Dale Chayes or Andy Maffei)
- HighSeasNet (Steve Foley)
- Seawave Report (Bill Fanning)
- VSAT onboard RRS James Clark Ross & RRS Earnest Shackleton (Geraint West)
- Dragging for a Lost Mooring in 4200 Meters of Water (George Tupper)
- Radio Frequency Spectrum
- RIDGE 2000 and Margins cruise metadata requirements (Dale Chayes)
- Healy Communications (Dale Chayes)
- Tentative: SWAP Status Report (?)
- Others??

10:15 am Break

10:35 am INMARTECH 2004 – Highlights of this year's INMARTEC meeting hosted by British Antarctic Survey (BAS) and SOC together, in Cambridge, UK will be reported

10:50 am INMARTECH 2006 – Discussion on plans for hosting the 2006 meeting.

11:30 pm Lunch Break

12:30 pm Discussion sessions:

- **SWAP (Hands-On)** (Val Schmidt, Geoff Davis, and Toby Martin)
- **INMARTECH 2006 Planning**

2:15 pm Break

2:35 pm Moving Vessel Profilers (Steve Poulos)

- MVP Product Information (Arnold Furlong, Brooke Ocean Technology Ltd.)
- Lessons from loss of MVP fish on Discovery Cruise 284 (Geraint West)

4:00 pm System backup and restoration, Data dissemination to scientists, Onboard data storage strategies (NAS, SAN, RAID 1-5, etc) (Val Schmidt)

Day 2- Thursday Evening 6:30PM

**The Columbia Restaurant
800 2nd Avenue N.E.
St. Petersburg, FL 33701**

http://www.columbiarestaurant.com/st_petersburg.asp

Friday, November 5, 2004

8:00 am Coffee and Informal Discussion

8:30 am Call to order and announcements

8:40 am Report from MATE on activities during the past year and future directions

8:50 am Show and Tell session

- Equipment Maintenance Database (R. Findley)
- Desktop printed circuit board fabrication (Tom Wilson)
- Cheap and simple PIC processor development system (Tom Wilson)
- Others? The registration form includes a section where you can volunteer.

10:15 am Break

10:35 am Subcommittee Reports

- Wire and Cable Specifications Review Subcommittee (Rich Findley)
- Training and education committee (Bill Martin)

11:00 pm New Business

- Nominations and Election of Chair
- Appoint RVTEC Representative to RVOC Safety Committee – Bill Martin is completing his 2-year appointment.
- Selection of 2005 meeting site

12:15 Adjourn

Hotel Information

Please make your hotel reservations no later than October 2nd. The block of rooms will be released after that date.

The Heritage Holiday Inn, 234 Third Avenue North, St Petersburg, FL. 33701

Click here to view their Website: <http://www.ichotelsgroup.com/h/d/6c/1/en/hd/piedt>

To make your reservation call (800) 283-7829. When making reservations tell them you are with the UNOLS RVTEC group

Rate \$85.95/night standard room
Rate \$129.95/night for one room suite