

Revised: November 12, 2010

Tentative Agenda
Research Vessel Technical Enhancement Committee Meeting
November 16-18, 2010 (Tuesday-Thursday)
~ Focus Groups will meet on Monday, November, 15th ~
~ An UHDAS + ADCP Workshop is offered on Friday, November, 19th ~
Bermuda Institute of Ocean Sciences

Monday, November 15th - Pre-meeting Focus Group Sessions:

Bus departs hotel to BIOS at 7:35 am and at 8:15 am

Morning Sessions:

- 8:30 am **Satellite Communications** – Steve Foley
- 9:30 am **Gulf of Mexico - Oil Spill Response Effort** – Aubri Steele
- 10:30 am *Break*
- 10:45 pm **Update on the State of Multibeam Systems** – Dale Chayes
- 12:30 pm *Lunch*

Afternoon Session:

- 1:30 pm **Rolling Deck to Repository (R2R) Initiative – R2R Group**
- SAMOS/Rea-time Data (Shawn Smith)
 - R2R Event Log (Andy Maffei)
 - R2R Directory Structure (Bob Arko)
- 4:00 pm **BGM-3 Gravimeters** – Gravimeter Best Practices – James Kinsey and Dan Fornari

Bus depart BIOS to Hotel at 5:45 pm and at 6:30 pm

5:30 – 7:00 pm **Pre-meeting check-in – Grotto Bay Lobby** – Annette DeSilva

Tuesday, November 16th

Bus departs hotel to BIOS at 7:35 am and at 8:15 am

- 8:30 am **Meeting Check-in and Informal Discussion**
- 9:00 am **Meeting Called to Order**
- Introductory Remarks by Rich Findley, RVTEC Chair
 - Welcome by BIOS
 - [Accept Minutes of the 2009 RVTEC Meeting](#)
- 9:15 am **RVTEC Participant Introduction**

- 9:30 am **Agency Reports** - Issues specifically targeted to the RVTEC group (areas of interest for the Tech Managers can be presented during the round table)
- NSF – Jim Holik
 - ONR – Tim Schnoor
 - USCG – Dave Forcucci
 - NOAA – Mike Webb
- 10:00 am **RVTEC Officer Appointments:**
- Strategy for Transitioning from the RVTEC Vice Chair position to the Chair-Elect position.
 - Officer Nominations
 - Membership voting procedures (via internet)
- 10:30 am **Break**
- 10:45 am **BGM-3 Gravimeters in the UNOLS Fleet** – James Kinsey and Dan Fornari
- 11:15 am **Report from the UNOLS Technical Support Manager** – Alice Doyle
- Marine Technician Retention and Recruitment Pilot Program – Update on Activities
- 12:00 pm **10' Diving van for use on UNOLS ships** – Woody Sutherland
- 12:30 pm **Lunch**
- 1:30 pm **Data Collection Systems and Initiatives**
- Rolling Deck to Repository (R2R) Initiative Update – Bob Arko (30 minutes)
 - UHDAS and ADCP update – Julia Hummon (15 minutes)
 - OSU Data Acquisition System Installation Update – Daryl Swenson, Toby Martin, and David O’Gorman (10 minutes)
- 2:25 pm **Communications:**
- HiSeasNet recap of Focus Group – Steve Foley (15 minutes)
 - Fleet Broadband – Jim Holik (15 minutes)
 - Open Discussion
- 3:05 pm **Break**
- 3:20 pm **Re-Cap of Monday Focus Group Sessions** (not already reported)
- Gulf of Mexico Oil Spill Response Effort – Rich Findley (10 minutes)
 - Update on the State of Multibeam Systems – Dale Chayes (10 minutes)
- 3:40 pm **UNOLS Technical Services** – Alice Doyle
- Best Practices (25 minutes)
 - Pre-Cruise Planning (20 minutes)
- 4:25 pm **CTD data processing, limitations of Seabird software** – Courtney Schatzman and Alex Quintero.
- 4:45 pm **SWAB Program** – Jim Happell

5:10 pm **JMS Inspection Report** – Ted Colburn

5:30 pm *Adjourn Day 1*

Bus depart BIOS to Hotel at 5:45 pm and at 6:30 pm

Wednesday, November 17th

Bus departs hotel to BIOS at 7:35 am and at 8:15 am

8:30 am **Coffee and Informal Discussion**

9:00m **Call to Order & Announcements**

9:15 am **Winch and Wire Session** – The following topics will be presented and discussed during an all day work session that will conclude with a tour of the R/V Atlantic Explorer/

- *Kilo Moana*'s New Motion-compensated Crane/Winch CTD System (15 minutes) – Tim McGovern
- Research Vessel Safety Standard (RVSS) Compliance
- Appendix A - UNOLS Rope and Cable Safe Working Load Standards
- Appendix B - UNOLS Load Handling System Design Standards
- Winch Monitoring Equipment Relevant to RVSS Appendix A
- Table Top Demonstration on Winch Monitoring as its relevance to Appendix A – Tim Rezanko

A Mid-morning break and lunch break (12:30 pm) are planned.

3:30 pm **R/V Atlantic Explorer Ship Tour and Dockside Beverages**

Bus depart BIOS to Hotel at 5:45 pm and at 6:30 pm

RVTEC Dinner – TBD

Thursday, November 18th

Bus departs hotel to BIOS at 7:35 am and at 8:15 am

8:30 am **Coffee and General Discussion**

9:00 am **Call to Order and Announcements**

9:15 pm **Year in Review** – Each marine technician group is asked to provide a very brief presentation (not more than 3 minutes and 1 slide per ship) that covers the following three topics. Please consider having a junior member of your group make the presentations. Our goals are for the session to serve as an icebreaker while at same time share important information. If you have a slide it must be sent to the UNOLS Office no later than November 9th.

- Annual Operations Recap (Geographic area, Number of days, research disciplines supported, etc.)
- Highlight(s) of the year
- Most challenging issue or biggest technical hurdle

Order of Presentations:

- *Walton Smith*
- UW Ships – Casey Canfield
 - *Clifford A. Barnes*
 - *Thomas G. Thompson*
- *Atlantic Explorer*
- WHOI Ships:
 - *Atlantis*
 - *Knorr*
 - *Oceanus*
- *Blue Heron*
- *Cape Hatteras - Tina Thompson and Steve Jalickee*
- *Endeavor – Dave Nelson*
- *Hugh R. Sharp – Wynn Tucker*
- *Kilo Moana – Kuhio Vellalos*
- *Langseth*
- SIO Ships
 - *Melville – Jon Meyer*
 - *New Horizon – Josh Manger*
 - *Robert Gordon Sproul – Josh Manger*
 - *Roger Revelle – Josh Manger*
- *Pelican*
- *Point Sur – Ben Jokinen*
- *Savannah*
- *Wecoma – Dave O’Gorman*
- *NOAA vessels*
- *USCG vessels:*
 - *Polar Sea*
 - *Healy – Dave Forcucci*

10:30 am **Break**

10:50 am **UNOLS Reports** (these should be very brief and only as they relate to RVTEC)

- FIC – Marc Willis
- RVOC and Safety Committee – Rich Findley
- AICC – Steve Hartz
- RVTEC Web Page Update – Annette DeSilva
- UNOLS Van Pool – Bill Byam
- All Others (UNOLS, Council, DESSC, SCOAR, MLSOC) – Brief reports if desired
- Ship Design/Construction Updates
 - Alaska Region Research Vessel (ARRV) – Steve Hartz and Marc Willis
 - Ocean Class Research Vessel Status – Tim Schnoor
 - Regional Class Update – Jim Holik

11:30 am **RVTEC Subcommittee Reports**

- Post Cruise Assessment Committee – Dave Fisichella
- RVTEC Education Subcommittee – Aubri Steele

11:50 am **MATE Update and Long Term Internship Program** – Tami Lansford

- 12:10 pm **RVTEC Officer Nominations** - Introduce the nominees
- 12:30 pm **Lunch**
- 1:30 am **8th INMARTECH: 26 - 28 January 2011, NIWA, Wellington, New Zealand**
- 1:45 pm **Suggestions for 2011 RVTEC Meeting Host Institution**
- 2:00 pm **Officer Election Results**
- 2:05 pm **Show & Tell Presentations:**
- SWAP Update – Toby Martin
 - My IEEE/MTS Oceans 2010 Seattle – Toby Martin
 - Vessel Tracker – Annette DeSilva
 - "Sugru: Hack things better" – Julia Hummon
 - The latest release of NOAA's Scientific Computer System (SCS) – John Katebini
- 3:05 pm **Closing Remarks** – Rich Findley
- 3:15 pm **Adjourn RVTEC Meeting**

Bus depart BIOS to Hotel at 3:30 pm

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- 3:35 pm **RVTEC Manager Roundtable Discussion:**
- Agency Reports to Managers – Budgets, Proposal Guidelines, etc
 - Group Purchases
 - Shared-Use Equipment – Ground Rules – Jim Holik
 - Education and Training – Alice Doyle

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Friday, November 19th

Bus departs hotel to BIOS at 7:35 am and at 8:15 am

8:30 am **UHDAS + ADCP Workshop – Jules Hummon**

- A tentative agenda for the workshop is available at:
http://www.unols.org/meetings/2010/201011rvt/UHDAS_ADCP_workshop2010.html

12:30 pm **Lunch**

Tentative - Bus depart BIOS to Hotel at 1:30 pm