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 am  **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/Real-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

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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**

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:

12:30 pm  **Lunch**

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