

University-National Oceanographic Laboratory System

# UNOLS Council Meeting

*Updates on Activities and Issues*



**July 2007**

# 2007: Ongoing Issues and Activities

- Academic Fleet Renewal Activities and Plans
- UNOLS Ship Time Request and Scheduling System
- UNOLS Brochure
- Frequency Spectrum Management
- Post Cruise Assessment Report (PCAR) Review
- Codes of Conduct - The Impact of Scientific Studies on the Environment
- Establishing American's with Disabilities Act (ADA) Guidelines for UNOLS Vessels
- Establishing Safety Standards for Human Occupied Vehicles
- Science Opportunities on UNOLS Vessels – Web Resource
- Annual Meeting Plans
- UNOLS Objectives, Priorities, and Goals
- Calendar of UNOLS Meetings for 2007

# Academic Fleet Renewal Planning

- **IWG-F Facility Planning**
  - IWG-F submitted Federal Fleet Status Report to JSOST
  - Bob Winokur presented JSOST with concept to create an Ocean Research Facilities Priority Plan by IWG-F
  - No further status on these items at this time.
- **Fleet Improvement Plan:**
  - Preparation of draft is ongoing by FIC
  - Model of future fleet schedule (provided in reading list) will assist in projecting appropriate vessel retirement dates and renewal needs.
- **Ocean Class SMRs:**
  - Call for Community review of 2003 OC SMRs was sent on 5/25/07 with feedback requested by 6/30/07
  - Seven responses received
  - FIC will review input and respond to ONR by Mid July.

# Academic Fleet Renewal Activities and Plans

- **Regional Class Acquisition Process:**
  - Phase I designs are expected in ???
- **Ocean Class Acquisition Process:**
  - First step in acquisition process - the Navy will develop the Navy Project Documentation needed to support a Project Decision meeting in October 2007. The Project Documentation will state the specifications that the Ocean Class vessels should be designed to meet. The UNOLS Ocean Class Science Mission Requirements (SMRs) will be used as a basis for the Project Documentation. UNOLS will provide feedback regarding SMRs in July.
- **Global Class Science Mission Requirements:**
  - Community Survey posted on 9/22/06:  
[http://www.unols.org/committees/fic/global/GCSMR\\_Survey\\_Form.asp](http://www.unols.org/committees/fic/global/GCSMR_Survey_Form.asp)
  - Newsletter includes - Last Call for Community Input
  - 19 responses received to date
- ***Marcus Langseth* Conversion Status**
  - Ship is Galveston to complete conversion and science outfitting
  - Shakedown cruises planned in Fall 2007
  - Science operations to begin in Early 2008

# UNOLS Ship Time Request (STR) / Scheduling Database

- All ship time requests have been entered into the new STR System
- Tutorials have been provided to all Ship Schedulers
- 2008 Ship Schedules are being created using the new system
- [http://unolsweb.cms.udel.edu/STRS/Public/diu\\_login.aspx](http://unolsweb.cms.udel.edu/STRS/Public/diu_login.aspx)

# UNOLS Informational Brochure

- 1) What is UNOLS?
  - a) Short description of what UNOLS is and what it does. Committee structure and tasks. The number of ships, their distribution, and age.
  - b) Funding source
  - c) Challenges facing UNOLS fleet
- 2) To be printed on recycled paper
- 3) Draft brochure distributed to Council for review and comment prior to meeting.

# Frequency Spectrum Management

- RVTEC Subcommittee - Steve Hartz, Toby Martin, and Richard Perry
- Tasking:
  - Document RF services utilized in an effort to preserve those services for our continued usage.
  - Competition for the RF spectrum is increasing
  - Underused services are potential targets for wannabe users.
- Scope:
  - The survey covered shipboard RF usage both for science purposes as well as standard ships navigation and communication services.
  - We attempted to document specialized science gear usage
- Results:
  - The use of twenty four services were documented.
  - Five new or future services were identified as being potentially of interest to our community
  - There are fewer than ten respondents to the survey at this time.
  - <http://www.shipops.oregonstate.edu/martech/rvtec/2005/rf.survey>
- What Next?

## **Post Cruise Assessment Report Review**

- Subcommittee Membership: Bob Collier (chair), Mary Jane Perry, Matt Hawkins, and Mary-Lynn Dickson.
  - Mike Prince will provide subcommittee with review material.
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## **Codes of Conduct – The Impact of Scientific Studies on the Environment**

- Next steps?
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## **Establishing ADA Guidelines for UNOLS Vessels**

- Terry Whitledge is finalizing document for FIC/Council review.
- ADA Procedural recommendations are being incorporated into the Research Vessel Safety Standard Update.



# Establishing Safety Standards for Human Occupied Vehicles (HOVs)

## *Meetings:*

- Phone conference: Review compiled document – Aug 2007
- Phone Conference: Review Chapters 1, 2, & 3 - Jun 2007
- Phone Conference: Review Chapter 7 - May 2007
- Phone Conference: Review Chapter 8 - Feb 2007
- Phone Conference: Review Chapter 6 - Dec 2006
- Phone Conference: Review Chapter 5 - Oct 2006
- Phone Conference : Review Chapter 4 - Aug 2006
- HOV Safety Committee Meeting - WHOI - May 2006
- Phone Meeting - May 2006
- HOV Safety Standard Meeting - Tampa, FL - Jan 2006

## *Document Status: All Chapters drafted:*

- Chapters
  1. Introduction
  2. Definitions
  3. Procedures
  4. HOV Operations
  5. HOV Support Ship
  6. HOV Handling Systems
  7. Training of HOV Crew
  8. HOV Science User Guidelines

# Science Opportunities on UNOLS Vessels – Web Resource

- **Task: Develop Web page(s) for Science and Educational Opportunities** aboard UNOLS Vessel:
  - Pages have been drafted and revised with comments from FIC
  - Web site provided to Dennis Nixon (UNOLS Risk manager) for review and comment. His suggestion has been added.
  - Revised web pages provided to Council (reading material) and FIC for review and comment.
- [http://www.unols.org/info/cruise\\_opportunities.html](http://www.unols.org/info/cruise_opportunities.html)

Meeting Announcement

**The UNOLS Annual Meeting will be held  
Thursday and Friday, October 11-12, 2007**

at

**The National Science Foundation**

**\*Tentative Keynote Speaker\***

**Dr. Arden L. Bement Jr.**

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**Director, National Science Foundation**

# UNOLS Objectives, Priorities, and Goals

- Status of 2006-2007 goals, issues and objectives – <http://www.unols.org/info/issues.html> - objectives>.
- Scheduling and utilization:
  - Schedulers have been actively engaged in sorting out scheduling issues and creating 2008 Letters of Intent
  - UNOLS Ad-hoc Committee (Perry, Asper, McNutt) has been appointed to review agency recommendations regarding 2008 non-operational periods.
  - Scheduling model under development - Utilization and scheduling impacts are being modeled with the changes in the fleet composition (retirements and increased demand). The model would help to make the case for renewal efforts going forward and also help to make informed decisions about fleet renewal and appropriate ship retirement dates
- Quality of Fleet Operations - Recruiting and retention of skilled and experienced technical personnel and crew members is extremely important to successful science operations. This issue is on the current Council agenda and is an area of concern for RVOC and RVTEC.

## UNOLS Objectives, Priorities, and Goals (continued)

- Fleet Renewal – The UNOLS Fleet Improvement Plan is being worked on actively and will articulate the UNOLS Vision.
- Communications - Better communication of important issues to the broader science community is needed. Communication methods in place and planned:
  - New UNOLS brochure under development
  - Announcements in Newsletter and web postings
  - Community meetings and presentations.
  - In-person pre-cruise meetings to address specific fleet operation plans and information.
  - Proposed - articles in EOS and other journals by committees, the UNOLS office, or individuals
- Data management - A call for volunteers was distributed. Many responses were received. The Council will appoint a committee from the list of volunteers.
- **Plans for 2007-2008 ?**

# UNOLS 2007 Calendar

Committee	Meeting	Dates	Location/Notes
Council	Summer UNOLS Council Meeting	July 11-12	via teleconference
SCOAR	Fall Meeting	Sept/Oct/Nov	TBD
SSC	Scheduling Review Meeting	Sept 19	NSF, Arlington, VA
FIC	Fall Meeting	Oct 10	NSF, Arlington, VA
Council	Fall Meeting	Oct 11	NSF, Arlington, VA
UNOLS	Annual Meeting	Oct 11-12	NSF, Arlington, VA
RVTEC	Annual Meeting	Nov 6-8	Monterey & Moss Landing, CA
AICC	Fall Meeting	Nov	Seattle, WA
DESSC	Winter Meeting	Dec 9	Fall AGU in San Francisco
MLSOC	Winter Meeting	Dec	AGU, San Francisco, CA
Science	2007 Fall AGU Meeting	Dec 10-14	San Francisco, CA

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