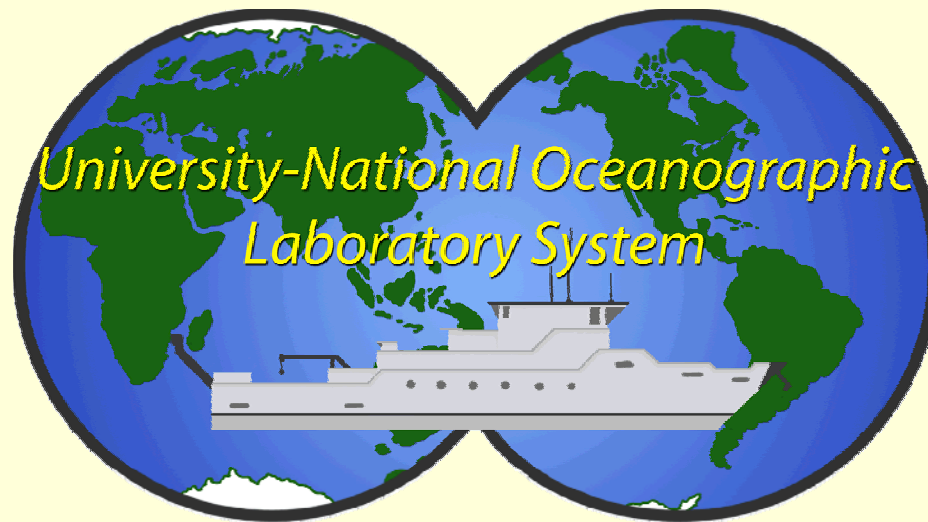


University-National Oceanographic Laboratory System

UNOLS Council Meeting

Updates on Activities and Issues

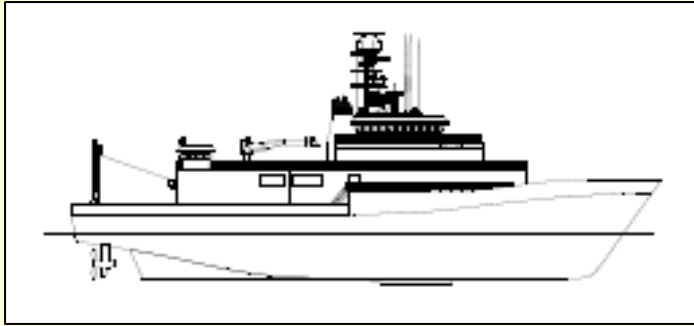


July 1 & 2, 2009

2009: Ongoing Issues and Activities

- **Academic Fleet Renewal Activities and Plans**
- **National Research Council Studies: Evolution of the National Oceanographic Research Fleet.**
- **Rolling deck to Repository (R2R) Project – Status report of their efforts.**
- **Consortium for Ocean Leadership – Summary of May meeting**
- **Interagency Working Group on Facilities – Future Initiatives and UNOLS**
- **Establishing Facility Renewal and Upgrade Priorities**
- **UNOLS 2009 Goal - Investigate the feasibility of a more flexible UNOLS to meet the needs of additional users.**
- **Post Cruise Assessment Reports – Future plans.**
- **Gender Climate at Sea**
- **UNOLS Annual Meeting Plans- October 13-14, 2009, Keynote Speaker**
- **UNOLS objectives, priorities and goals – Review progress on 2008–2009 goals and discuss plans for 2009-2010**

Fleet Renewal Activities



Regional Class Acquisition (NSF)

Phase I – 2 Ship Designs completed

Phase II

- Suspension of the detailed design and construction phase until funding is available.
- Industry pressures and time delay has led to “guesstimates” being \$50-60M per ship.

NSF Remains Committed to RCRV– but likely forced to build fewer ships.

Ocean Class Acquisition (Navy)

Status:

- April 24, 2009: “Request for Proposal for procurement of the Ocean Class AGOR. This is a two-phased procurement. Phase 1 is a preliminary/contract design. Phase 2 is for detail design and construction of the Ocean Class AGOR.”
- Quotes deadline: Wed, Jun 24, 2009
- Quantity: (2) Ships
- Phase I: Contract/Preliminary Design
 - 18 mos. And multiple awardees.
- Phase II: Detail Design & Construction
 - 1st ship: FY14, Q2
 - 2nd ship: FY14, Q4
- Cost: \$92.5/ship

Fleet Renewal Activities



Alaska Region Research Vessel

- The Alaska Region Research Vessel was the first major project funded from NSF's portion of the nation's economic stimulus funds, the American Recovery and Reinvestment Act.
- Bids for shipyard construction are due this September.
- The vessel is expected to be ready for use in 2014.

Ocean Class Science Mission Requirements

- Mike Prince created a draft re-organization of the Ocean Class SMRs that includes a table with threshold and desirable values for parameters as well as priority levels.
- There was opportunity for broad community input.
- FIC Phone Meeting on April 8, 2009 to finalize Ocean Class SMR table of values and priorities.
- Mike Prince is finalizing the SMR table and will incorporate the values and priorities into the document. (draft table sent by Mike 6/30/09)

National Research Council

- Evolution of the National Oceanographic Research Fleet.
 - The study is funded by the Office of Naval Research.
 - The description and membership can be found at <http://www8.nationalacademies.org/cp/projectview.aspx?key=49014>. The OSB Committee held their first meeting on January 29th. Vernon Asper, Mike Prince, and Dave Hebert provided a presentation.
 - Since January the OSB has requested additional data from the UNOLS Office.

Rolling Deck to Repository (R2R) Project

- **Collaborative 1-year pilot project funded by NSF OCE**
- **Goal:** Prototype an end-to-end system to deliver data + documentation from research vessels to a central shoreside repository
- **Team:**
 - LDEO – R. Arko, V. Ferrini, S. O'Hara
 - SIO – S. Miller, D. Clark, C. Neiswender
 - WHOI – C. Chandler, A. Dorsk, S. McCue
- **STATUS:**
 - Inventoried 500 cruises from 10 vessels so far - data catalogs and track maps posted at rvdata.us
 - Established data delivery pipeline from R2R to NGDC and delivered 70 multibeam cruise data sets from Healy as a demonstration - next target is to submit 100+ multibeam cruises from Kilo Moana
 - Made presentations to IMDIS'09 (April) and NSF/NOAA/ONR (May)
 - (summer) plan to prototype a "Sailing Orders" web page at rvdata.us where operator can enter science party and projects/awards list at start of cruise
 - currently developing+testing Web service with Aaron Payne that enables rvdata.us to harvest ship schedules from unols.org

Consortium for Ocean Leadership

- Jon Alberts attended the Consortium for Ocean Leadership's Meeting on May 28 & 29.
- Jon will report on items of interest to UNOLS:

IWG-F Future Initiative

- IWG-F members are re-focusing on a broader spectrum of infrastructure issues
 - Ships, autonomous vehicles, specialized platforms, Arctic operations
- IWG-F is returning to a Charter goal of improving agency coordination on infrastructure topics of mutual interest
- Bi-monthly meetings with a focused topic agenda, beginning with ships
 - UNOLS was invited to present the Fleet Improvement Plan – 19 May 2009

Establishing Facility Renewal and Upgrade Priorities

- The UNOLS Guidelines for Committee recommendations to agencies does not include a process for setting priorities regarding the committee recommendations.
- It was suggested that facility renewal/upgrades be organized into categories of near term, intermediate term, and long term priority OR high, medium, low priority.
- Form an ad-hoc committee to address this?

2009 UNOLS Goals and Issues: Flexibility

- Our science is being supported by a more diverse array of stakeholders, paradoxically at the same time that support for UNOLS is getting less broad in its base
- We need to better understand this divergence (cost problems, insurance issues, mission mismatches, different decision timescales, etc.) and do what we can to re-converge
- Form an ad hoc subcommittee to investigate problem and make recommendations?

Post Cruise Assessment Report Review

- Subcommittee Membership: Bob Collier (Chair), Mary Jane Perry, Mary-Lynn Dickson, Joe Malbrough
- Previous Recommendations regarding the PCAR included:
 - Limit report distribution
 - Discontinue self rating
 - Revise rating scale (provide a more balanced set of grading criteria between 100% and 50%)
 - Consider revisions/simplifications to PCA form used by Marine Technicians and Captains (template created
 - Subcommittee should continue annual review of PCARs
- Suggestion - hold phone meeting over the summer to discuss continuation of PCAR review process and follow-up to issues identified in previous review.

Gender Climate at Sea

- RVSS – Chapter 6 and Appendix E
- Mike Prince has been in contact with Workplace Answers to develop a shorter version of their training program and to customize it for the sea-going environment. Then work on pricing structure.
- We need to decide if we want Mike to continue this effort.

Meeting Announcement

The UNOLS Annual Meeting will be held

Tuesday and Wednesday

October 13 & 14, 2009

at

The National Science Foundation

Ocean Leadership Meeting

October 15, 2009

UNOLS Goals 2008-2009

2008-2009 Goals:

<http://www.unols.org/info/issues.html#goals>:

- *Promote broad, coordinated access to oceanographic research facilities*
- *Support continuous improvement of existing facilities*
- *Plan for and foster support for the oceanographic facilities of the future*
- *Investigate the feasibility of a more flexible UNOLS to meet the needs of additional users.*
- *Work with the Consortium for Ocean Leadership, the National Research Council, and the federal agencies to ensure that the fleet is right sized and has the right capabilities for ocean sciences in the coming decades.*
- *Continue to lower barriers to effective use of UNOLS ships caused by disabilities, gender, or other special situations.*

2009-2010 UNOLS Goals: ?

UNOLS 2009 Calendar

| Committee | Meeting | Date | Location |
|------------------|---------------------------|-------------|--------------------|
| Council | Summer Meeting | July 1-2 | Via teleconference |
| SSC | Ship Scheduling Meeting | Jul 14 | NSF, Arlington, VA |
| Council | Fall Meeting | Oct 13 | NSF, Arlington, VA |
| UNOLS | Annual Meeting | Oct 13-14 | NSF, Arlington, VA |
| FIC | Fall Meeting | Oct 14-15 | NSF, Arlington, VA |
| RVTEC | RVTEC 2009 Annual Meeting | Nov 17-19 | UW, Seattle, WA |
| AICC | Winter Meeting | Nov-Dec | TBD |
| DESSC | Annual Community Meeting | Dec 13 | San Francisco, CA |
| MLSOC | Winter Meeting | TBD | TBD |
| Science | 2009 Fall AGU | Dec 14-18 | San Francisco, CA |

End