



## *UNOLS REPORT*

### *AICC MEETING*

*Consortium for Ocean Leadership*

*Washington D.C.*

*APRIL 27-28, 2010*

*JON ALBERTS*

**UNIVERSITY - NATIONAL OCEANOGRAPHIC LABORATORY SYSTEM**



**MMS**



**USGS**



## UNOLS Office

- **Fully Staffed- Pam Thompson, Erin Jackson, Sandy Fontana, Dennis Nixon, Alice Doyle, Annette DeSilva, Jon Alberts, Steve Ciesluk**
- Year-2 Starts May 1, 2010- Proposal submitted

### Recent Efforts

- Ongoing support to our 8 standing committees
- UNOLS Technician Recruitment and Retention Pilot Project- Alice Doyle
- Cruise Opportunities- Matching students with cruises
- Rolling Deck to Repository- R2R- Metadata Management
- AGU (Dec 2009) & OCEAN SCIENCES (Feb 2010)
- Greening the Fleet-
- Marine Seismology Workshop-MLSOC (March 22-24, 2010)
- NSF Large Facility Workshop- San Diego- May 4-7, 2010
- Winch and Wire Workshop- late 2010

# UNOLS Council

## Highlights

- Council Meeting- March 30-31, 2010- Stennis Space Center
- Regional Class Research Vessels & Ocean Class Update
- Climate Research- Funding projected to increase
- R/V Langseth upgrades- winches
- Greening the Fleet- Bruce Corliss
- Ocean Observing Science Committee- (OOSC), being formed
- “Workplace Answers”- Kenneth Coale
- UNOLS Charter-Oct 12, 2007- 3 year review is due by Dec. 2010

# DEep Submergence Science Committee (DESSC)

- Advising on the design of the replacement Human Occupied Vehicle (HOV)
  - Participated in practice PDR-Jun09
  - Informing community about vehicle and science sea trials cruise (Winter DESSC Meeting)
- User Debriefs of all NDSF Vehicles (*Alvin, Jason, AUVs*) – One DESSC Member, the NDSF Ch Sci, and the cruise Chief Sci
- Advise on Imaging Upgrades and Archiving
- Alvin replacement ~ October 2011
- 6500 meter sphere- limited by other systems to 4500 meters



# Marcus Langseth Science Oversight Committee (MLSOC)

- Nevada Workshop: March 22-24, 2010 Challenges and Opportunities in Academic Marine Seismology
  - Define Science Goals that required Seismic Facility
  - Improve the process of soliciting, evaluating, funding, and scheduling Seismic programs
  - Broadening access to Langseth products
- FIC Liaison to MLSOC



# FIC Committee

FIC – March 29 & 30, 2010- Stennis Space Center

## **Update on the Ocean Class Research Vessel**

- Operator Selection ~ mid May-
- Two Teams- Glostn & Marinette and Guido Perla & Dakota Creek
- Design Reviews 27 April & 12 May- Begin Construction 2011-Del. FY2014

## **Update on the Regional Class Research Vessel**

- Down Select- Glostn Design won
- FIC now reviewing “Areas of Inquiry” i.e. Total Available Power, Usable Aft Deck, Dynamic Positioning, Bulbous Bow & Bubble Sweep down, Green Technologies.



# Other UNOLS Committees

- Ship Scheduling Committee (SSC)
- Scientific Committee for Oceanographic Aircraft Research (SCOAR) – CIRPAS /June 22-23, Marina, CA
- Research Vessel Operators Committee (RVOC)
- Research Vessel Technical Enhancement Committee



# UNOLS Technician Recruitment and Retention Pilot Project

## Overview

**With feedback from NSF and community UNOLS proposed and was funded to add one full time staff member to the UNOLS Office to conduct and manage a two-year pilot program. Focus will be on UNOLS Technician Recruitment and Retention Issues**

**Ms. Alice Doyle- Joined UNOLS Staff on 28 February 2010**

- **Contact: Alice Doyle/UNOLS Office**

**[alice@unols.org](mailto:alice@unols.org)**

**303-319-9906**



# UNOLS Technician Recruitment and Retention Pilot Project

- **Introduce and Inform Community**
- **Information Gathering-**
  - **Review all UNOLS Institution's Technical Operations in order to better understand shipboard and shore side duties and operations, recognizing cultural differences and unique nature of each operation**
  - **Review of historical data from past UNOLS Meetings**



## UNOLS Technician Recruitment and Retention Pilot Project

- **Work to create a better UNOLS fleet-wide system for sharing of full-time technicians.**
- **Work to establish a data base of contract technicians not currently in the UNOLS fleet that could sail on cruises as needed**
- **Visit the UNOLS Institutions to discuss the implementation of the Technician Pool concept and to assist in establishing working relationships with the Technical Managers of the fleet.**



# UNOLS Technician Recruitment and Retention Pilot Project

- **Work with the UNOLS office to establish an on-line database of all shared-use equipment**
- **In cooperation with the NSF Program Manager and the RVTEC Chair, investigate the development of a training program for technicians with a focus on increasing versatility and skill levels**