# **Issues before UNOLS**

2005 / 2006

## **UNOLS Council Election Results**

- OPERATOR REPRESENTATIVE (3 year term) - from among designated UNOLS Member Operator institutions:
- AT-LARGE REPRESENTATIVE (3 year term) - individual affiliated with any UNOLS Member Institution:

#### The UNOLS Office Performance Evaluation Form

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UNOLS Office Performance Evaluation Form	-

The UNOLS Charter specifies that the UNOLS Chart, with the UNOLS Could, shall revew UNOLS Office performance and activities on about three-year intervals. The second three year term for the MLML UNOLS Office is coming to an end and a review of the Office performance is needed. Please use the rating system to evaluate the specific items listed below. In addition, provide comments in the box provided at the bottom of the form.

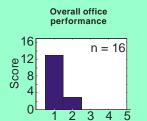
Successful transfer of your information will be confirmed after you submit the form.

Your Name:

Note that your name will not be associated with any of the results.

Rating					
Excellent (1)	Very Good (2)	Good (3)	Fair (4)	Poor (5)	No Opinion
с	с	o	с	c	6
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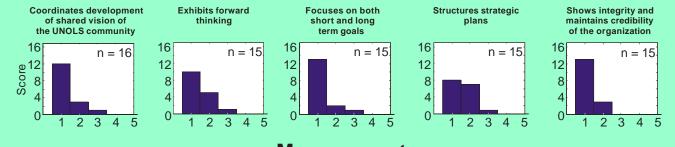
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Management						2
Demonstrates knowledge of and commitment to the mission of UNOLS	c	¢	0	¢	0	e
Facilitates progress and manages change	c	c	0	c	0	e
Focuses on objectives and results	с	с	C	с	C	6
Plans and organizes well	с	Ċ.	c	c	0	æ
Demonstrates knowledge of federal rules, regulations, policies and procedures, and ensures compliance	с	c	c	c	0	æ
Functional Competence						
Demonstrates necessary knowledge, skill, and understanding to carry out the responsibilities of the position in support of the mission of UNOLSManagement	c	c	¢	c	0	e
Communicates effectively with the UNOLS operators and the Agency Facility Managers	с	c	c	с	c	e
Provides effective coordination of UNOLS committees	c	c	c	c	c	a
Generates committee meeting minutes, newsletters, and reports on a timely basis	с	с	c	с	c	6
Is responsive to community requests for information or assistance	с	с	0	с	c	æ
Overall office performance	с	С	0	c	0	æ
omments:						
Enter any additional comments you wish in the box below then	click on th	e submit butte	Dex			



#### **UNOLS** Office performance **Review Results - October 2005**

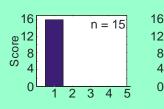
Overall Score = 1.2

#### Leadership



#### Management

Demonstrates knowledge of and commitment to the mission of UNOLS



Facilitates progress and manages change

8

4

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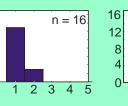
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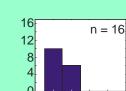
1



Focuses on objectives and results

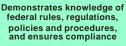
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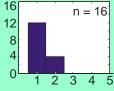
4 5



Plans and

organizes well





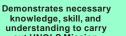
#### **Functional Competence**

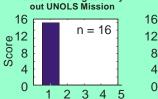
**Provides effective** 

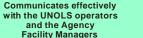
coordination of

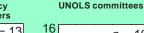
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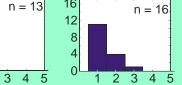
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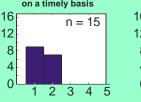




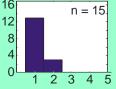


**Generates committee** meeting minutes, newsletters, and reports on a timely basis

2 3 4 5



Is responsive to community requests for information or assistance



Rating (1-Excellent 2-Very Good 3-Good 4-Fair 5-Poor)

## **Conclusion and Recommendation**

• Based on this evaluation, the Ad Hoc committee finds the performance of the UNOLS office to be excellent.

• The Council passed a resolution endorsing MLML to host the UNOLS office for a third three year term.

### Load Handling System Workshop

#### GOAL

" Develop a conceptual design for the "nextgeneration" over-the-side load handling system for the UNOLS fleet."

Committee Members:

Matt Hawkins, Chair

Tom Althouse

Andy Bowen

Marc Willis

Jim Holik

### Load Handling System Workshop

- One year effort.
- Joint-funded by NSF and ONR.
- Focused on ship visits and field evaluations of existing systems.
- Addressed:
  - Loading Handling System design standards
  - Incorporation of "Next-generation" UNOLS wire
  - "Next-generation" science packages
  - Motion compensation
  - "Hands-free" deployment and recovery
  - Size/Weight: "Scale-able" to different vessel classes

## Load Handling System Workshop

- LHS Workshop addressed handling moderately-sized, fairly common, science packages over the side and stern:
  - CTD's
  - AUV's and ROV's
  - Scanfish and Triaxis
  - Mocness
- Does not address, or attempt to replace, the stern A-frame.
- Does not address, or attempt to investigate, highly specialized or large handling systems like long-coring.

Preliminary Findings are available on the UNOLS website at: <<u>http://www.unols.org/publications/reports/lhsworkshop/index.html</u>>

### Load Handling System Workshop (Status as of September 2005)

• Two systems are currently under detailed design and fabrication at Caley Ocean Systems using the Functional Requirements developed during the LHS Workshop – one for *KILO MOANA* and one for the *HUGH R. SHARP* (CAPE HENLOPEN Replacement).

• The systems have different arrangements for the handling apparatus (to suit each vessel). However, both use all-electric winches having motion-compensation, "slip-mode", "auto-tension", and use docking heads for capturing the science package.

• Both are being built to ABS standards in lieu of Sub-Chapter U.

• These system are due to be delivered and installed in early 2006, and both operators will keep the community and LHS Committee informed on how well they perform.

#### **Marine Mammals and Acoustic Permitting**

- Contractor for NSF is developing an EIS primarily for the *Marcus Langseth*
- Environmental Specialist to be hired by NSF to assist with permitting and other related issues.

Frequency Spectrum Management Issues

- Otis Brown, member of the NAS Committee on Radio Frequencies, has asked UNOLS for information about the use of the communication spectrum by the oceanographic community.
- RVTEC will be tasked.

# *R/V Seward Johnson II* Transfer

BBSR is moving forward with plans to acquire *R/V Seward Johnson II* and retire *R/V Weatherbird II*.



- September 29 SJII sea trials completed.
- September 30 ABS certified the ship classification.
- October (Imminent) Sale closing.
- October 22 *SJII* arrives at Lyon's Shipyard in Norfolk, VA for a 4.5 month modification and maintenance period.
- January 25, 2006 Weatherbird II arrives at Lyon's shipyard for cross-decking. (Cape Hatteras will support BATS during this period.)
- February 28 *SJII* arrives at BBSR. New Name TBD.
- March 2006 *SJII* begins operations and support of BATS.

# *R/V Gyre* Decommissioning

- After 32 years of service, the R/V *Gyre* retired from the UNOLS Fleet in August 2005.
- *Gyre*, a 182-foot research ship, began operations for the Department of Oceanography at Texas A&M in January 1974.



### **UNOLS Briefing Package Outline**

- 1) What is UNOLS? Short description of what UNOLS is and what it does. Committee structure and tasks. The number of ships, their distribution, and retirement dates.
- 2) Status of the UNOLS fleet today in terms of:
  - 1) Current and near-term funding shortfalls and consequences
  - 2) Longer term oceanographic scientific community needs: OOI (Orion) and IOOS etc.
- 3) Status of funding
  - 1) What is in the budget? (Regional vessels)
  - 2) What's in the budget planning stages? (ARRV, OOI (Orion observatories)
  - 3) What's proposed? longer range outlook (IOOS, Ocean Class vessels)
- 4) Discussion topics:
  - 1) How to stay on top of the planning process

### Americans with Disabilities Act (ADA) Guidelines for Research Vessels

#### **Background:**

- NSF has indicated the need for new ship construction and ship conversion efforts to address ADA requirements.
- Vessels that support Federally funded academic research should be equipped and arranged as feasible to accommodate persons with disabilities.
- In turn, procedural guidelines to carry out shipboard operations by persons with disabilities are needed.

#### **ADA Guidelines for Research Vessels**

#### Tasks:

- Draft Preliminary ADA Guidelines for the Regional Class Acquisition effort.
- Convene a 2-day Community Workshop to define shipboard and procedural guidelines required to accommodate sea-going scientists with disabilities.
- Establish General ADA Guidelines for new ship construction/conversion.
- Draft procedural guidelines for at-sea research operations by seagoing scientists with disabilities.

Notification and reporting of mooring locations, safety zones, and release code conflicts – UNOLS Office will investigate ways to collect information regarding installation and locations of moorings.

UNOLS Ship Time Request and Scheduling Database – under development

**New Actions:** 

- Gender Climate at Sea
- Codes of Conduct The impact of Scientific Studies on the Environment

## **UNOLS** Dues Accounting

- Membership Dues collected this year: \$1,800.00
- Spent this year (reception): \$1,953.87
- Balance (10/14/05): \$1,487.59

# UNOLS 2005 Calendar

November								
SCOAR	Fall Meeting	4-Nov		Phone/Web meeting				
RVTEC	Annual Meeting	8-Nov	10-Nov	OSU, Corvallis, OR				
December								
DESSC	Winter Meeting	4-Dec		San Francisco, CA				
UNOLS	UNOLS Booth #228 - Fall AGU	6-Dec	9-Dec	San Francisco, CA				
AICC	Winter Meeting	12-Dec	13-Dec	Seattle, WA				

### **UNOLS Booth at Fall AGU**

Volunteers Needed!

# Appointments to Committees

• FIC:

– James Cochran, LDEO - 1st term began 10/04

• RVTEC:

– Bill Martin, UW - 1st term began Chair 11/04

- SCOAR:
  - Richard Zimmerman, ODU 1st term began 11/04
  - Steven Hartz, UAK (ex-officio) began 3/05

# End