

University-National Oceanographic Laboratory System

~UNOLS~



Deep Submergence Science Committee

Student/Early Career Scientist Workshop

December 7, 2013



What is UNOLS...

UNOLS is a consortium of 59 U.S. academic institutions with ocean science programs

Standing 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*

UNOLS IS NOT A FUNDING AGENCY

The UNOLS Fleet - 2013

SHIP/CLASS		Owner	Operator	LOA m (ft)	Science Berths
Global Class					
<i>Melville</i>	1969	NAVY	SIO	85 (279)	38
<i>Knorr</i>	1969	NAVY	WHOI	85 (279)	34
<i>Thomas G. Thompson</i>	1991	NAVY	UWash	84 (274)	36
<i>Roger Revelle</i>	1996	NAVY	SIO	84 (274)	37
<i>Atlantis</i>	1997	NAVY	WHOI	84 (274)	37
<i>Marcus G. Langseth</i>	1991	NSF	LDEO	72 (235)	35
Ocean/Intermediate Class					
<i>Kilo Moana</i>	2002	NAVY	UHawaii	57 (186)	29
<i>Endeavor</i>	1976	NSF	URI	56 (185)	18
<i>Oceanus</i>	1975	NSF	OSU	54 (177)	18
<i>Atlantic Explorer</i>	1982	BIOS	BIOS	52 (170)	20
<i>New Horizon</i>	1978	SIO	SIO	52 (170)	19
Regional Class					
<i>Point Sur</i>	1981	NSF	MLML	41 (135)	12
<i>Hugh R. Sharp</i>	2005	UD	UD	45 (146)	14
Coastal/Local Class					
<i>Robert Gordon Sproul</i>	1981	SIO	SIO	38 (125)	12
<i>Pelican</i>	1985	LUMCON	LUMCON	35 (116)	14
<i>Walton Smith</i>	2000	Miami	Miami	29 (96)	13
<i>Savannah</i>	2001	UG/SKID	UG/SKID	28 (92)	19
<i>Blue Heron</i>	1985	UMINN	UMINN	26 (86)	6
<i>Clifford Barnes</i>	1966	NSF	UWash	20 (66)	6



UNOLS National Facilities

**National Oceanographic Aircraft Facility:
Center for Interdisciplinary Remotely-Piloted
Aircraft Studies (CIRPAS)**



UV-18a Twin Otter
www.cirpas.org

National Deep Submergence Facility



AUV Sentry



DSRV Alvin (Photo credit: Lisa Smith
WHOI)



ROV Jason II (Photo credit: WHOI - <http://www.divediscover.who.edu/tools/jason.html>)

Seismic Vessel: *R/V Marcus G. Langseth*



Photo credit: Mutter, J. C., S. Carbotte, M.
Nedimovic, J. P. Canales, and H. Carton (2009)

UNOLS: Council, Committees, and Federal Sponsors

**UNOLS Member Institutions
Oceanographic Community**

**Supporting Federal Agencies
Navy (ONR), NSF, NOAA, USGS, BOEM**

UNOLS Office

**UNOLS Ship and Facility Operators
Research Vessels, Aircraft, Submersibles**

UNOLS Council

Ship Scheduling Committee (SSC)

Research Vessel Operators' Committee (RVOC)

Research Vessel Technical Enhancement Committee (RVTEC)

Fleet Improvement Committee (FIC)

*Ocean Observing Science Committee
(OOSC)*

*Arctic Icebreaker Coordinating Committee
(AICC)*

*DEep Submergence Science Committee
(DESSC)*

*Scientific Committee for Oceanographic Aircraft Research
(SCOAR)*

*Marcus Langseth Science Oversight Committee
(MLSOC)*

*National Science Foundation (NSF) Ocean
Observing Systems*

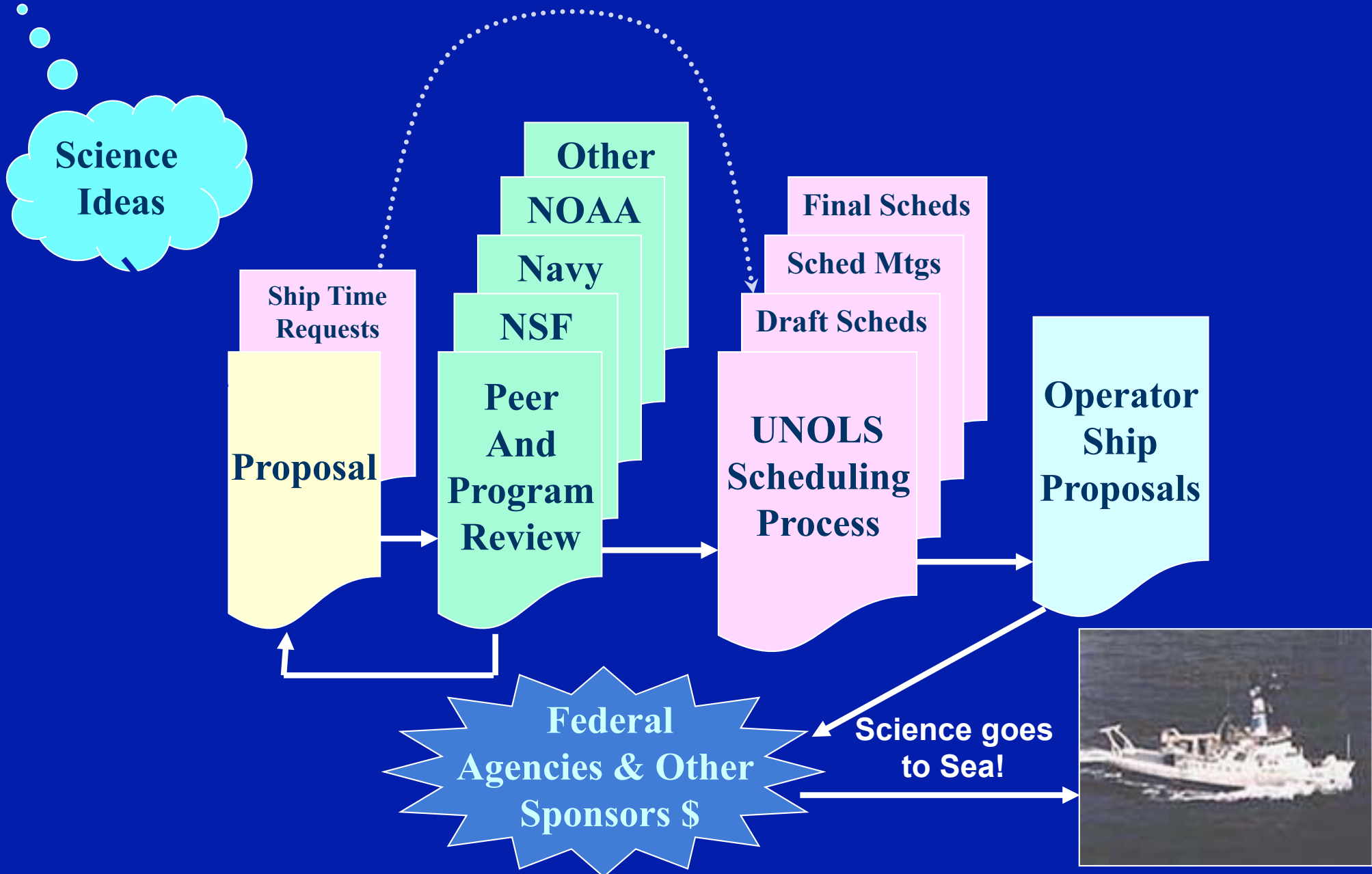
*U.S. Coast Guard (USCG) Polar
Icebreakers (Healy, Polar Star, Polar Sea)*

*Woods Hole Oceanographic Institution (WHOI)
NDSF – Alvin, Jason, AUV*

*Naval Postgraduate School (NPS)
CIRPAS – Twin Otter and Pelican Aircraft*

*Lamont-Doherty Earth Observatory (LDEO)
R/V Marcus Langseth*

Science Investigators and the Fleet



UNOLS Ship Time Request & Scheduling System



University-National Oceanographic Laboratory System

SEARCH PUBLIC RECORDS

LOG IN

[Suggestions/Request Help](#)

[Frequently Asked Questions](#)

Welcome to the UNOLS Ship Time Request & Scheduling System

Log in for Member Activities	Public Information
<p>User Name: <input type="text"/></p> <p>Password: <input type="password"/></p> <p><input type="checkbox"/> Store my credentials so I don't have to login next time (unless I logout)</p> <p><input type="button" value="Log In"/></p> <p>Forgot Your User Name Or Password?</p>	<p>Login not required for these activities</p> <ul style="list-style-type: none">• Research Vessel & Facility Schedules• Research Vessel & Facility Specifications• UNOLS Equipment Inventory Search• Funded Projects• Cruise Personnel Manifest Form (Excel file that will download)• Post Cruise Assessment Form• UNOLS Web Site Home Page
<p>New Member?</p> <p><input type="button" value="Create New Member Account"/></p>	
<p>Login or create account for these activities</p> <ul style="list-style-type: none">• Facility Requests (ship time requests)• Research Vessel & Facility Scheduling• Technical Service Definitions• Facility Specifications• Reports• System Administration	

https://strs.unols.org/Public/diu_login.aspx

~ Announcement ~

2014 Chief Scientist Training Cruise Opportunity

Application Deadline: January 10, 2014

New to planning oceanographic field work? Wondering how to request research vessel time, or to request a submersible or ROV? Needing samples or wire-time to initiate a research project? If so, take part in the "2014 UNOLS Chief Scientist Training Cruise".

This cruise, pre-cruise informational phone conferences and a post-cruise workshop will instruct early career marine scientists, including PhD students and postdocs, on how to effectively plan for, acquire, utilize and report on time at sea for multi-disciplinary research and education. This is a transit cruise beginning in Bridgetown, Barbados on May 30 and ending in Bermuda on June 8. The cruise will be followed by a 3-day post-cruise workshop at the Bermuda Institute of Ocean Sciences (BIOS). Small stipends are provided for participant travel costs, research supplies and shipping. Space is limited.

To apply you must be an employee or student (US Citizen or permanent resident) at a U.S. institution or a U.S. citizen working abroad. To be considered applications must be received by **January 10, 2014**. The application form is available at:

<https://www.surveymonkey.com/s/78BVG3>

Email Maureen Conte with questions <mconte@mbl.edu>

<http://www.unols.org/info/Training/2014ChSciTrainingCruise.html>



Thank you!

UNOLS MEMBERSHIP

-  Operator Institution
Note: Symbol indicates base port location. Multiple ships may operate from a single location.
-  Non-Operator Institution
-  National Oceanographic Aircraft Facility Operator

