

UNOLS Report

Mike Prince



1985

- Moss Landing hosted RVOC
- Chair - Dolly Dieter
- Host for social functions - John Martin
- Kenneth - 2 ship ops with CAYUSE & WECOMA
- CAYUSE - 17 years, CAPE FLORIDA < 5
- Tim Cowles - PhD 1977 - Duke
- Thinking about renewing the fleet - Large vessels

Changes in Leadership

Elections held September 27, 2002

- Chair - Dr. Tim Cowles, OSU
- Vice Chair/Chair Elect - Dr. Peter Wiebe, WHOI
- Immediate Past Chair - Dr. Robert Knox, SIO
- Re-elected to Council - Dr. Denis Wiesenburg, USM
- New Council member - Dr. Peter Ortner, RSMAS

UNOLS Council

- Tim Cowles/OSU/Chair
- Peter Wiebe/WHOI/Chair Elect
- Bob Knox/SIO/Past Chair
- Tom Shipley/UT
- Charles Flagg/BNL
- Denis Wiesenburg/USM
- Curt Collins/NPS
- Wilf Gardner/TAMU
- Bruce Corliss/Duke
- Peter Ortner/RSMAS
- Steve Rabalais/
LUMCON/RVOC
- Dale Chayes/
LDEO/RVTEC
- Larry Atkinson/ODU/FIC
- Joe Ustach/Duke/SSC
- Patty Fryer/Hawaii/DESSC
- Lisa Clough/ECU/AICC
- Carle Friehe/UCI/SCOAR

National Oceanographic Aircraft Facility

- Designated The **Center for Interdisciplinary Remotely-Piloted Aircraft Studies (CIRPAS)**
- Established the Scientific Committee for Oceanographic Aircraft Research (SCOAR)
- Dr. Carl A. Friehe, U.C. Irvine - Chair
- Make CIRPAS aircraft available to ocean science as a national shared use facility, like UNOLS research vessels.
- To serve as a conduit for interaction between the atmospheric and oceanographic science communities.
- To seek collaboration with other agency supported oceanographic research operations.
- To facilitate scheduling of joint Research Vessel and Aircraft experiments
- To coordinate Flight Policies and Procedures



UNIVERSITY - NATIONAL OCEANOGRAPHIC LABORATORY SYSTEM



Class I/II
R/V Roger Revelle

OPERATING INSTITUTION	SHIP	OWNER	LENGTH (ft)
Scripps Institution of Oceanography	MELVILLE	Navy	279
Woods Hole Oceanographic Institution	KNORR	Navy	279
University of Washington	T. G. THOMPSON	Navy	274
Scripps Institution of Oceanography	ROGER REVELLE	Navy	274
Woods Hole Oceanographic Institution	ATLANTIS	Navy	274
Lamont-Doherty Earth Observatory	MAURICE EWING	NSF	239
University of Hawaii	KILO MOANA	Navy	185



UNIVERSITY - NATIONAL OCEANOGRAPHIC LABORATORY SYSTEM



Class III
R/V Endeavor

OPERATING INSTITUTION	SHIP	OWNER	LENGTH (ft)
Harbor Branch Oceanographic Institution	SEWARD JOHNSON	HBOI	204
Oregon State University	WECOMA	NSF	185
University of Rhode Island	ENDEAVOR	NSF	184
Texas A&M University	GYRE	TAMU	182
Woods Hole Oceanographic Institution	OCEANUS	NSF	177
Scripps Institution of Oceanography	NEW HORIZON	SIO	170
Harbor Branch Oceanographic Institution	SEWARD JOHNSON II	HBOI	168



UNIVERSITY - NATIONAL OCEANOGRAPHIC LABORATORY SYSTEM



Class IV
R/V Point Sur

OPERATING INSTITUTION	SHIP	OWNER	LENGTH (ft)
Moss Landing Marine Laboratories	POINT SUR	NSF	135
Duke University/UNC	CAPE HATTERAS	NSF	135
University of Alaska	ALPHA HELIX	NSF	133
Scripps Institution of Oceanography	ROBERT G. SPROUL	SIO	125
University of Delaware	CAPE HENLOPEN	UDel	120
Bermuda Biological Station for Research	WEATHERBIRD II	BBSR	115
Louisiana Universities Marine Consortium	PELICAN	LUMCON	105
University of Texas	LONGHORN	UT	105

UNIVERSITY - NATIONAL OCEANOGRAPHIC LABORATORY SYSTEM



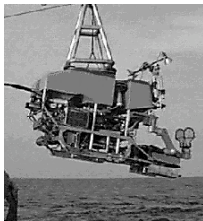
Class V
R/V Blue Heron

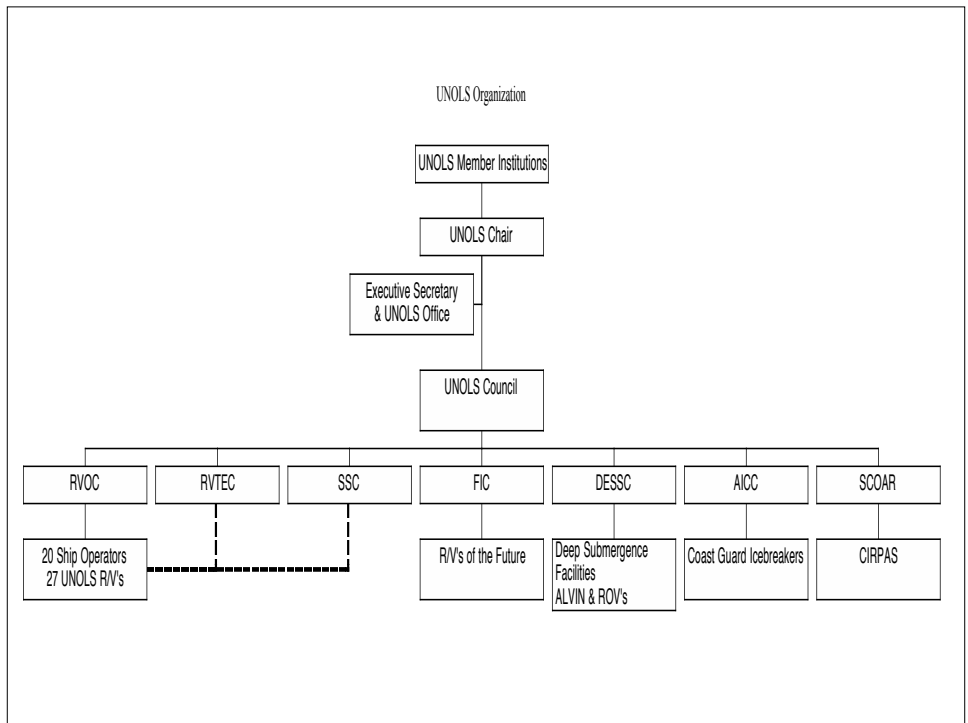
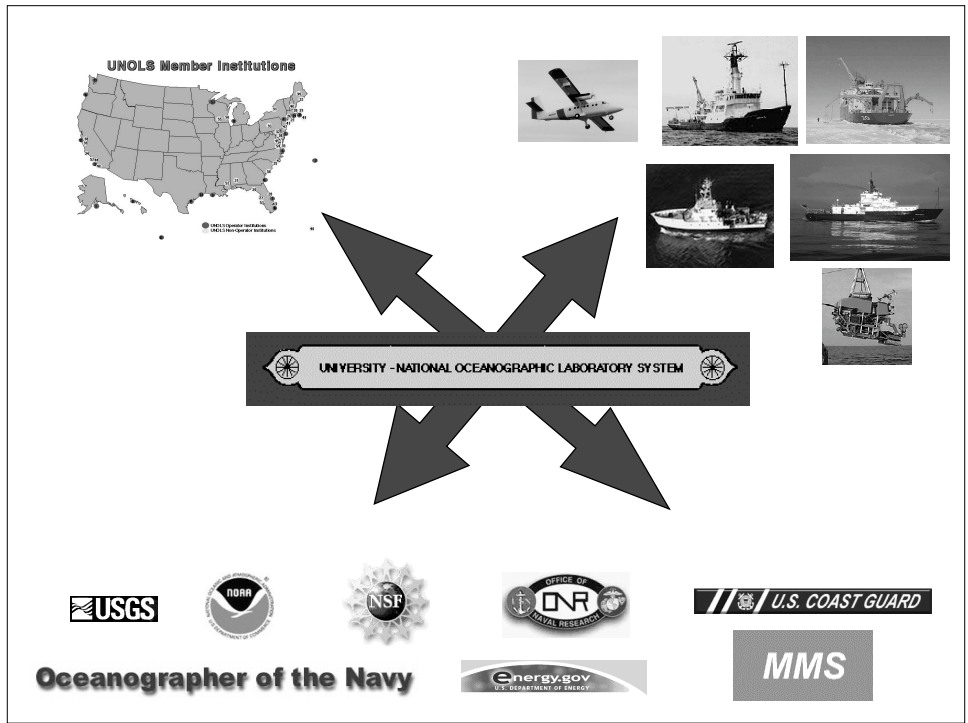
OPERATING INSTITUTION	SHIP	OWNER	LENGTH (ft)
University of Miami	WALTON SMITH	UMi	96
Smithsonian Tropical Research Institute	URRACA	Smithsonian	96
University of Minnesota - Duluth	BLUE HERON	UMn	86
University System of Georgia	SAVANNAH	UGa	92
University of Washington	C. A. BARNES	NSF	66

UNIVERSITY - NATIONAL OCEANOGRAPHIC LABORATORY SYSTEM

Other Facilities

- * Coast Guard Icebreakers
- * ALVIN
- * ROVS
- * Aircraft





UNOLS Mission Statement

- The University-National Oceanographic Laboratory System (UNOLS) is an organization of academic oceanographic institutions working in cooperation with agencies of the U.S. Federal Government to ensure broad access to modern, well operated, state of the art research vessels, submersibles and facilities required to support a healthy and vigorous research and education program in the ocean sciences.
- UNOLS is an advisory body that provides the mechanisms for coordinated utilization, scheduling and access to research vessels and facilities, co-operation and innovation by facility operators and broad community input to operators and federal agencies regarding current and future facility requirements for the ocean sciences.

UNOLS GOALS

- *Ensure broad, coordinated access to oceanographic research facilities:*
 - **Maintain a system that ensures broad access to research vessels and other facilities and provides for coordinated, efficient and effective scheduling and utilization of those research vessels and facilities.**
- *Work towards continuous quality improvement of existing facilities:*
 - **Foster co-operation between facility operators, funding agencies and research scientists with the goal of continuously improving the quality and capability of existing ocean science facilities and the quality, reliability and safety of their operation.**
- *Plan for and foster support for the oceanographic facilities of the future:*
 - **Provide leadership and broad community input to the process of planning for and supporting the improvement, renewal and addition of facilities required to support the ocean sciences in the future.**

Ensure broad, coordinated access to oceanographic research facilities:

- **Scheduling committee work**
- **Ship time requests**
- **Published schedules**
- **Track Utilization**
- **Look for new opportunities to support research and education (NAVO, Navy R & D projects)**
- **Use down time for training and upgrades**

Work towards continuous quality improvement of existing facilities (A primary function of RVOC & this meeting):

- **Safety Committee - Safety Standards**
- **Van Standards**
- **ISM**
- **Insurance and liability issues**
- **Post Cruise Assessments**
- **Inspection program**
- **Safety Statistics**
- **Medical standards & medical advisory services**
- **Stability program**
- **Security committee**
- **Isotope use**
- **SOCP**
- **Talking with Agency program managers**
- **Round Table**

Plan for and foster support for the oceanographic facilities of the future (Also a part of this meeting):

- **Fleet Renewal - SMR's, Concept Designs**
- **Involvement with FIC and SMR steering committees & workshops**
- **Group Purchases = better equipment at lower \$**
- **Van Committee**
- **Research Vessel Updates and reports from other countries**
- **Primary function of FIC**
- **Ocean Commission**
- **Agency Fleet Renewal plans (FOFC)**
- **New Facilities - observatories, AUVs, aircraft**

UNOLS Office Staff

We're all here and ready to help

- Mike Prince
- Annette DeSilva
- Kate Sawyers
- Laura Dippold
- Dennis Nixon

