

# APPENDIX XVIII

UNOLS DIRECTORY (with designated representatives)  
Operator Institutions in BOLD

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ALABAMA MARINE ENVIRONMENTAL SCIENCES CONSORTIUM  
Dr. George F. Crozier

**UNIVERSITY OF ALASKA** Dr. Thomas Weingartner

**BERMUDA BIOLOGICAL STATION for RESEARCH,  
Inc.** Dr. Dennis Hansell

BIGELOW LABORATORY FOR OCEAN SCIENCES Dr. Lewis Incze

BROOKHAVEN NATIONAL LABORATORY Dr. Charles Flagg

**UNIVERSITY OF CALIFORNIA, SAN DIEGO,  
SCRIPPS INSTITUTION OF OCEANOGRAPHY**  
Dr. Robert Knox

UNIVERSITY OF CALIFORNIA, SANTA BARBARA  
Dr. Steven Gaines

UNIVERSITY OF CALIFORNIA, SANTA CRUZ Dr. Ken Bruland

CAPE FEAR COMMUNITY COLLEGE Mr. Raymond P. Brandi

**COLUMBIA UNIVERSITY, LAMONT-DOHERTY  
EARTH OBSERVATORY** Dr. Dennis Hayes

UNIVERSITY OF CONNECTICUT Capt. Lawrence Burch

**UNIVERSITY OF DELAWARE** Dr. Carolyn A. Thoroughgood

**DUKE UNIVERSITY/UNIVERSITY OF NORTH  
CAROLINA** Dr. Daniel B. Albert

FLORIDA INSTITUTE FOR OCEANOGRAPHY Dr. John C. Ogden

FLORIDA INSTITUTE OF TECHNOLOGY Dr. Richard Gerlick

FLORIDA STATE UNIVERSITY Dr. William C. Burnett

**HARBOR BRANCH OCEANOGRAPHIC INSTITUTION**  
Dr. Richard Herman

HARVARD UNIVERSITY Dr. Michael B. McElroy

**UNIVERSITY OF HAWAII** Dr. Brian Taylor

HOBART & WILLIAM SMITH COLLEGES Dr. Donald L. Woodrow

THE JOHNS HOPKINS UNIVERSITY Dr. Stephen L. Root

LEHIGH UNIVERSITY Dr. Bobb Carson

**LOUISIANA UNIVERSITIES MARINE CONSORTIUM**  
Dr. Michael Dagg

UNIVERSITY OF MAINE Dr. David Townsend

THE MARINE SCIENCE CONSORTIUM Dr. Darlene Richardson

UNIVERSITY OF MARYLAND Dr. Tom Malone

MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
Dr. John M. Edmond

**UNIVERSITY OF MIAMI, ROSENSTIEL SCHOOL OF  
MARINE & ATMOSPHERIC SCIENCES**  
Dr. Otis Brown

**UNIVERSITY OF MICHIGAN, CENTER FOR GREAT  
LAKES & AQUATIC SCIENCES** Dr. Russell A. Moll

**UNIVERSITY OF MINNESOTA, DULUTH** Dr. Thomas  
Johnson

MONTEREY BAY AQUARIUM RESEARCH INSTITUTE  
Dr. Bruce Robison

**MOSS LANDING MARINE LABORATORIES**  
Dr. Kenneth Coale

NAVAL POSTGRADUATE SCHOOL Dr. Roland W. Garwood

UNIVERSITY OF NEW HAMPSHIRE Dr. Wendell Brown

NEW JERSEY MARINE SCIENCES CONSORTIUM Dr. William Corso

STATE UNIVERSITY OF NEW YORK AT STONY BROOK  
Dr. Roger Flood

UNIVERSITY OF NORTH CAROLINA AT WILMINGTON  
Dr. Steven Miller

NOVA UNIVERSITY Dr. Richard E. Dodge

OCCIDENTAL COLLEGE Dr. Gary Martin

OLD DOMINION UNIVERSITY Dr. Larry Atkinson

**OREGON STATE UNIVERSITY** Dr. G. Brent Dalrymple

UNIVERSITY OF PUERTO RICO Dr. M.L. Hernandez-Avila

**UNIVERSITY OF RHODE ISLAND** Dr. Jeffrey E. Callahan

RUTGERS UNIVERSITY Dr. Clare Reimers

SAN DIEGO STATE UNIVERSITY Dr. Clive Dorman

SEA EDUCATION ASSOCIATION Capt. Philip Sacks

**SMITHSONIAN TROPICAL RESEARCH INSTITUTE**  
Mr. Howard Barnes

SOUTHERN CALIFORNIA MARINE INSTITUTE Dr. Donald Newman

UNIVERSITY OF SOUTH CAROLINA Dr. Robert Thunell

UNIVERSITY OF SOUTH FLORIDA Dr. Peter R. Betzer

UNIVERSITY OF SOUTHERN CALIFORNIA Dr. Douglas Hammond

UNIVERSITY OF SOUTHERN MISSISSIPPI Dr. Denis Wiesenburg

**UNIVERSITY SYSTEM OF GEORGIA, SKIDAWAY  
INSTITUTE OF OCEANOGRAPHY** Dr. Richard Jahnke

**UNIVERSITY OF TEXAS** Dr. Wayne Gardner

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**VIRGINIA INSTITUTE OF MARINE SCIENCE** Dr. L. Donelson Wright

**UNIVERSITY OF WASHINGTON** Dr. Bruce W. Frost

**UNIVERSITY OF WISCONSIN AT MADISON** Dr. Anders W. Andren

**UNIVERSITY OF WISCONSIN AT MILWAUKEE** Dr. Jack Orchard

**UNIVERSITY OF WISCONSIN AT SUPERIOR** Dr. Mary Balcer

**WOODS HOLE OCEANOGRAPHIC INSTITUTION**  
RADM Richard Pittenger

# UNOLS COUNCIL/COMMITTEES

## UNOLS COUNCIL (UC)

(858) 534-4729	Robert Knox, SIO, (Chair)	10/94-10/00
(757) 683-5547	Thomas Royer, ODU, (V-Chair)	10/93-10/00
(541) 737-3966	Tim Cowles, OSU	09/98-09/01
(631) 344-3128	Charles Flagg, Brookhaven	09/98-09/01
(441) 297-1880 x210	Dennis Hansell, BBSR	09/96-09/02
(305) 361-4046	Tom Lee, U Miami	09/98-09/01
(805) 893-4319	Barbara Prezelin, UCA, SB	09/97-09/00
(228) 688-3177	Denis Wiesenberg, U SoMS	09/99-09/02
(512) 471-0430	Tom Shipley, U Texas	09/97-09/00
(401) 874-6579	John Freitag, URI, (Chair, RVTEC)	11/96-11/0X
(808) 956-6314	Patricia Fryer, U Hawaii (Chair, DESSC)	08/98-08/0X
(757) 683-4926	Larry Atkinson, ODU, (Chair, FIC)	10/97-10/0X
(252) 504-7579	Joe Ustach, Duke, (Chair, SSC)	09/99-09/01
(914) 365-8845	Paul Ljunggren, L-DEO, (Chair, RVOC)	10/96-10/0X
(858) 534-3387	J. Swift, SIO, (Chair, AICC)	09/96-09/0X

## DEEP SUBMERGENCE SCIENCE COMMITTEE (DESSC)

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(617) 253-0221	David Mindell, MIT	09/99-09/02
(858) 534-4257	Joris Gieskes, SIO	09/99-09/02
(541) 867-0275	Robert Embley, NOAA	10/98-10/01
(206) 543-0859	Marvin Lilley, U Washington	06/96-06/99
(831) 459-3280	Dan Orange, U CA, Santa Cruz	07/93-06/99
(503) 725-3864	Anna-Louise Reysenbach, Portland State U	10/98-10/01
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(757) 221-2229	Cindy Van Dover, College of William & Mary	06/95-06/01
(508) 289-2597	Richard Pittenger, WHOI, (ex-officio)	06/91-XXXX
(508) 289-2857	Daniel Fornari, WHOI, (ex-officio)	07/92-XXXX

## RESEARCH VESSEL OPERATORS' COMMITTEE (RVOC)

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(504)-851-2808	Steve Rabalais, LUMCON, (V-Chair)	10/96-10/00

## FLEET IMPROVEMENT COMMITTEE (FIC)

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(914) 365-8566	Bill Smethie, LDEO	10/96-10/99
(907) 474-7993	Tom Weingartner, U Alaska	09/95-09/01
(805) 893-8605	Mark Brzezinski, UCA, SB	09/99-09/02
(401) 874-6610	Dave Hebert, URI	09/99-09/02
(508) 289-2624	Joseph Coburn, WHOI, (ex-officio)	10/92-10/0X

## RESEARCH VESSEL TECHNICAL ENHANCEMENT COMMITTEE (RVTEC)

(401) 874-6579	John Freitag, URI, (Chair)	10/96-10/00
(361) 749-6720	Anthony Amos, U Texas, (V-Chair)	11/97-11/01

(over)

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### **SHIP SCHEDULING COMMITTEE (SSC)**

(252) 504-7579  
(206) 543-5062

Joe Ustach, Duke, (Chair)  
Dan Schwartz, UWA (Vice-Chair)

09/99-09/01  
09/99-09/01

### **ARCTIC ICEBREAKER COORDINATING COMMITTEE (AICC)**

(858) 534-3387  
(252) 328-1834  
(508) 289-2624  
(757) 683-5835  
(541) 737-3625  
(512) 471-0433  
(858) 534-6369  
(907) 474-7229

Jim Swift, SIO, (Chair)  
Lisa Clough, East Carolina U  
Joe Coburn, WHOI  
Glenn Cota, ODU  
Kelly Falkner, OSU  
Larry Lawver, U Texas  
Dan Lubin, SIO  
Terry Whitledge, U Alaska

# SHIP SCHEDULING CONTACT

## THE UNIVERSITY-NATIONAL OCEANOGRAPHIC LABORATORY SYSTEM LIST OF RESEARCH VESSELS (>20M) OPERATED BY UNOLS INSTITUTIONS

UNOLS Homepage: <http://www.gso.uri.edu/unols/unols.html>

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OPERATOR	NAME	LOA (FT/M)	BUILT/ CONVERTED	NO. of SCIENTISTS	OWNER	SHIP SCHED. CONTACT
<b>University of Hawaii</b> Marine Center #1 Sand Island Road Honolulu, HI 96819  Homepage: <a href="http://www.soest.hawaii.edu/umc/">http://www.soest.hawaii.edu/umc/</a>						Capt. Stan Winslow Ship Scheduler PHONE: (808) 847-2661 FAX: (808) 848-5451 INTERNET: <a href="mailto:snug@poha.soest.hawaii.edu">snug@poha. soest.hawaii.edu</a>
<b>University of Alaska</b> Institute of Marine Science PO Box 757220 Fairbanks, AK 99775 Homepage: <a href="http://www.ims.alaska.edu:8000/helix.html">http://www.ims.alaska.edu:8000/helix.html</a>	ALPHA HELIX	133/41	1966	15	NSF	Dr. Thomas Weingartner PHONE: (907) 474-7993 FAX: (907) 474-7204 INTERNET: <a href="mailto:weingart@ims.alaska.edu">weingart@ims alaska.edu</a>
<b>University of Washington</b> Box 357940 School of Oceanography Seattle, WA 98195-7940 Homepage: <a href="http://www.ocean.washington.edu/ships/ships.html">http://www.ocean.washington.edu/ships/ships.html</a>	T. G. THOMPSON C.A. BARNES	274/84 66/20	1991 1966/1984	36 6	NAVY NSF	Capt. Daniel Schwartz Marine Superintendent PHONE: (206) 543-5062 FAX: (206) 543-6073 INTERNET: <a href="mailto:schwartz@oce.washington.edu">schwartz@oce washington.edu</a>
<b>Oregon State University</b> College of Oceanography PO Box 429 South Beach, OR 97366-0429 Homepage: <a href="http://lubber.oce.orst.edu/Wecoma/WecomaHome.html">http://lubber.oce.orst.edu/Wecoma/WecomaHome.html</a>	WECOMA	185/56	1976/1994	20	NSF	Capt. Fred Jones Marine Superintendent PHONE: (541) 867-0224 FAX: (541) 867-0294 INTERNET: <a href="mailto:jonesf@ucs.orst.edu">jonesf@ ucs.orst.edu</a>
<b>Moss Landing Marine Laboratories</b> 7700 Sandholdt Road Building D Moss Landing, CA 95039 Homepage: <a href="http://color.mlml.calstate.edu/www/">http://color.mlml.calstate.edu/www/</a>	POINT SUR	135/41	1981	12	NSF	Mr. Michael Prince Marine Superintendent PHONE: (831) 633-3534 FAX: (831) 633-4580 INTERNET: <a href="mailto:prince@mlml.calstate.edu">prince@mlml. calstate.edu</a>
<b>University of California, San Diego</b> 9500 Gilman Drive, Dept. 0210 Scripps Institution of Oceanography La Jolla, CA 92093-0210  Homepage: <a href="http://sio.ucsd.edu/supp_groups/shipsked">http://sio.ucsd.edu/supp_groups/shipsked</a>	MELVILLE ROGER REVELLE NEW HORIZON R.G. SPROUL	279/86 274/84 170/52 125/38	1969/1990-91 1996 1978/1996 1981/1985	38 37 19 12	NAVY NAVY U.C. U.C.	Ms. Rose M. Dufour/ Elizabeth Rios Brenner Ship Scheduler(s) Code A-0210 PHONE: (858) 534-2841 FAX: (858) 535-1817 INTERNET: <a href="mailto:shipsked@ucsd.edu">shipsked@ ucsd.edu</a>
<b>University of Michigan</b> Center for Great Lakes & Aquatic Sciences 2200 Bonisteel Boulevard Ann Arbor, MI 48109-2099 Homepage: <a href="http://">http://</a>	LAURENTIAN	80/24	1974	8	U.M.	Dr. Linda Goad Marine Superintendent PHONE: (734) 763-5393 FAX: (734) 647-2748 INTERNET: <a href="mailto:linda.m.goad@umich.edu">linda.m.goad@ umich.edu</a>
<b>University of Minnesota</b> Large Lakes Observatory Duluth, MN 55812  Homepage: <a href="http://www.d.umn.edu/llo">http://www.d.umn.edu/llo</a>	BLUE HERON	86/26	1985/1997-98	5	U.MN.	Dr. Doug Ricketts Marine Operations PHONE: (218) 726-7826 FAX: (218) 726-6979 INTERNET: <a href="mailto:ricketts@d.umn.edu">ricketts@ d.umn.edu</a>

OPERATOR	NAME	LOA (FT/M)	BUILT/ CONVERTED	CREW	NO. of SCI.	OWNER	MARINE OPS. CONTACT
Texas A&M University Mail Stop 3146 College Station, TX 77543  Homepage: <a href="http://www.ocean.tamu.edu/gyre.html">http://www.ocean.tamu.edu/gyre.html</a>	GYRE	182/55	1973/1980	10	23	TAMU	Dr. Ed Shaar, Jr. Operations Manager PHONE: (409) 862-3290 FAX: (409) 845-6331 INTERNET: <a href="mailto:eshaar@ocean.tamu.edu">eshaar@ocean.tamu.edu</a>
University of Texas Marine Science Institute 750 Channelview Drive Port Aransas, TX 78373 Homepage: <a href="http://www.utmsi.zo.utexas.edu/hornspec.htm">http://www.utmsi.zo.utexas.edu/hornspec.htm</a>	LONGHORN	105/32	1971/1986	4	12	U.T.	Mr. Robert Martin Assoc. Director, Admin. PHONE: (361) 749-6760 FAX: (361) 749-6777 INTERNET: <a href="mailto:martin@utmsi.utexas.edu">martin@utmsi.utexas.edu</a>
Louisiana Universities Marine Consortium Marine Research & Education Center 8124 Highway 56 Chauvin, LA 70344 Homepage: <a href="http://www.lumcon.edu/educate.html">http://www.lumcon.edu/educate.html</a>	PELICAN	105/32	1985	5	15	LUMCON	Mr. Steve Rabalais Marine Ops. Supervisor PHONE: (504) 851-2808 FAX: (504) 851-2874 INTERNET: <a href="mailto:srabalais@lumcon.edu">srabalais@lumcon.edu</a>
Harbor Branch Oceanographic Institution 5600 US 1 N Ft. Pierce, FL 34948  Homepage: <a href="http://www.hboi.edu/">http://www.hboi.edu/</a>	SEWARD JOHNSON EDWIN LINK SEA DIVER	204/63 168/51 113/34	1984/1994 1982/1988 1959/1992	11 10 6	29 20 12	H.B. H.B. H.B.	Mr. Tim Askew Marine Operations PHONE: (561) 465-2400 x2 FAX: (561) 465-2116 INTERNET: <a href="mailto:taskew@hboi.edu">taskew@hboi.edu</a>
University of Miami, RSMAS Marine Department 4600 Rickenbacker Causeway Miami, FL 33149 Homepage: <a href="http://www.rsmas.miami.edu/support/calanus.html">http://www.rsmas.miami.edu/support/calanus.html</a>	CALANUS	64/20	1971	2	6	U.M.	Mr. David Powell Marine Operations PHONE: (305) 361-4832 FAX: (305) 361-4174 INTERNET: <a href="mailto:dpowell@rsmas.miami.edu">dpowell@rsmas.miami.edu</a>
University System of Georgia Skidaway Institute of Oceanography 10 Ocean Science Circle Savannah, GA 31411 Homepage: <a href="http://www.skio.peachnet.edu/bluefin.html">http://www.skio.peachnet.edu/bluefin.html</a>	BLUE FIN	72/22	1972/1975	5	8	U.G.	Mr. Steven Carignan Supt. of Plant & Marine Ops PHONE: (912) 598-2456 FAX: (912) 598-2310 INTERNET: <a href="mailto:steve@skio.peachnet.edu">steve@skio.peachnet.edu</a>
Duke/UNC Oceanographic Consortium 135 Duke Marine Lab Road Duke University Marine Laboratory Beaufort, NC 28516 Homepage: <a href="http://www.env.duke.edu/marinelab/vessels.html">http://www.env.duke.edu/marinelab/vessels.html</a>	CAPE HATTERAS	135/41	1981	10	12	NSF	Mr. Quentin Lewis Marine Superintendent PHONE: (252) 504-7580 FAX: (252) 504-7651 INTERNET: <a href="mailto:quentin@duncoc.ml.duke.edu">quentin@duncoc.ml.duke.edu</a>
University of Delaware College of Marine Studies 700 Pilottown Road Lewes, DE 19958 Homepage: <a href="http://www.udel.edu/marine_operations/">http://www.udel.edu/marine_operations/</a>	CAPE HENLOPEN	120/37	1976	7	12	U.D.	Capt. Mattt Hawkins Director, Marine Operations PHONE: (302) 645-4342 FAX: (302) 645-4006 INTERNET: <a href="mailto:hawkins@udel.edu">hawkins@udel.edu</a>
Lamont-Doherty Earth Observatory Columbia University Palisades, NY 10964  Homepage: <a href="http://www.ldeo.columbia.edu/Ewing/home.html">http://www.ldeo.columbia.edu/Ewing/home.html</a>	MAURICE EWING	239/73	1983/1990	18	32	NSF	Capt. Paul Ljunggren Marine Superintendent PHONE: (914) 365-8845 FAX: (914) 359-6817 INTERNET: <a href="mailto:pwl@ldeo.columbia.edu">pwl@ldeo.columbia.edu</a>

<b>OPERATOR</b>	<b>NAME</b>	<b>LOA (FT/M)</b>	<b>BUILT/ CONVERTED</b>	<b>NO. of SCIENTISTS</b>	<b>OWNER</b>	<b>SHIP SCHED. CONTACT</b>
<b>University of Rhode Island</b> Graduate School of Oceanography Narragansett, RI 02882  Homepage: <a href="http://www.gso.uri.edu/endeavor/endeavor.html">http://www.gso.uri.edu/endeavor/endeavor.html</a>	<b>ENDEAVOR</b>	184/56	1977/1993	18	NSF	Mr. William Hahn Marine Superintendent PHONE: (401) 874-6554 FAX: (401) 874-6574 INTERNET: b_hahn@ gso.uri.edu
<b>Woods Hole Oceanographic Institution</b> Woods Hole, MA 02543  Homepage: <a href="http://www.whoi.edu/marine-ops/">http://www.whoi.edu/marine-ops/</a>	<b>KNORR</b> <b>ATLANTIS</b> <b>OCEANUS</b> <b>DSRV ALVIN</b>	279/85 274/84 177/54 25.8	1970/1989 1997 1976/1994 1964	34 35* 18	NAVY NAVY NSF NAVY	Mr. Jonathan Alberts Marine Ops. Coordinator. PHONE: (508) 289-2277 FAX: (508) 457-2185 INTERNET: jalberts@ whoi.edu
<b>Bermuda Biological Station            for Research Inc.</b> 17 Biological Station Lane Ferry Reach St. George's GE-01 BERMUDA Homepage: <a href="http://www.bbsr.edu/wbird.html">http://www.bbsr.edu/wbird.html</a>	<b>WEATHERBIRD II</b>	115/35	1993	12	BBSR	Capt. C. Lee Black Marine Superintendent PHONE: (441) 297-1880 x208 FAX: (441) 297-1839 INTERNET: lblack@bbsr.edu
<b>Smithsonian Tropical Research Institute</b> Box 2072 Balboa, Republic of Panama APO AA 34002-0948 Homepage:	<b>URRACA</b>	96/30	1986/1994	5	STRI	Mr. Jose Fuentes Acting Marine Superintendent PHONE: 011-507-227-5211 FAX: 011-507-232-6197 INTERNET:

\*Includes: 22 Crew  
 11 DSG  
 2 Technicians



# MARINE OPERATIONS CONTACT

## THE UNIVERSITY-NATIONAL OCEANOGRAPHIC LABORATORY SYSTEM LIST OF RESEARCH VESSELS (>20M) OPERATED BY UNOLS INSTITUTIONS

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OPERATOR	NAME	LOA (FT/M)	BUILT/ CONVERTED	CREW	NO. of SCI.	OWNER	MARINE OPS. CONTACT
<b>University of Hawaii</b> Marine Center #1 Sand Island Road Honolulu, HI 96819 Homepage: <a href="http://www.soest.hawaii.edu/umc/">http://www.soest.hawaii.edu/umc/</a>						NSF	Capt. J.W. Coste Marine Superintendent PHONE: (808) 847-2661 FAX: (808) 848-5451 INTERNET: bcoste@poha.soest.hawaii.edu
<b>University of Alaska</b> Seward Marine Center PO Box 730 Seward, AK 99664 Homepage: <a href="http://www.ims.alaska.edu:8000/helix.html">http://www.ims.alaska.edu:8000/helix.html</a>	ALPHA HELIX	133/41	1966	9	15	NSF	Mr. Thomas Smith Marine Superintendent PHONE: (907) 224-5261 FAX: (907) 224-3392 INTERNET: fnts@aurora.uaf.edu
<b>University of Washington</b> Box 357940 School of Oceanography Seattle, WA 98195-7940 Homepage: <a href="http://www.ocean.washington.edu/ships/ships.html">http://www.ocean.washington.edu/ships/ships.html</a>	T. G. THOMPSON C.A. BARNES	274/84 66/20	1991 1966/1984	22 2	36 6	NAVY NSF	Capt. Daniel Schwartz Marine Superintendent PHONE: (206) 543-5062 FAX: (206) 543-6073 INTERNET: schwartz@ocean.washington.edu
<b>Oregon State University</b> College of Oceanography PO Box 429 South Beach, OR 97366-0429 Homepage: <a href="http://lubber.oce.orst.edu/Wecoma/WecomaHome.html">http://lubber.oce.orst.edu/Wecoma/WecomaHome.html</a>	WECOMA	185/56	1976/1994	13	20	NSF	Capt. Fred Jones Marine Superintendent PHONE: (541) 867-0224 FAX: (541) 867-0294 INTERNET: jonesf@ucs.orst.edu
<b>Moss Landing Marine Laboratories</b> 7700 Sandholdt Road Building D Moss Landing, CA 95039 Homepage: <a href="http://color.miml.calstate.edu/www/">http://color.miml.calstate.edu/www/</a>	POINT SUR	135/41	1981	9	12	NSF	Mr. Michael Prince Marine Superintendent PHONE: (831) 633-3534 FAX: (831) 633-4580 INTERNET: prince@miml.calstate.edu
<b>University of California, San Diego</b> Scripps Institution of Oceanography Nimitz Marine Facility 297 Rosecrans Street San Diego, CA 92106 Homepage: <a href="http://sio.ucsd.edu/supp_groups/shipsked">http://sio.ucsd.edu/supp_groups/shipsked</a>	MELVILLE ROGER REVELLE NEW HORIZON R.G. SPROUL	279/86 274/84 170/52 125/38	1969/1990-1 1996 1978/1996 1981/1985	23 22 12 5	38 37 19 12	NAVY NAVY U.C. U.C.	Capt. Thomas S. Althouse Marine Facilities Code P-0705 PHONE: (858) 534-1643 FAX: (858) 534-1635 INTERNET: capt@mpl.ucsd.edu
<b>University of Michigan</b> Center for Great Lakes & Aquatic Sciences 2200 Bonisteel Boulevard Ann Arbor, MI 48109-2099 Homepage:	LAURENTIAN	80/24	1974	6	8	U.M.	Dr. Linda Goad Marine Superintendent PHONE: (734) 763-5393 FAX: (734) 647-2748 INTERNET: linda.m.goad@umich.edu
<b>University of Minnesota</b> Large Lakes Observatory Duluth, MN Homepage: <a href="http://www.d.umn.edu/llo">http://www.d.umn.edu/llo</a>	BLUE HERON	86/26	1985/1997-8	4	5	U. MN.	Dr. Doug Ricketts Marine Operations PHONE: (218) 726-7826 FAX: (218) 276-6979 INTERNET: ricketts@d.umn.edu

<b>OPERATOR</b>	<b>NAME</b>	<b>LOA (FT/M)</b>	<b>BUILT/ CONVERTED</b>	<b>NO. of SCIENTISTS</b>	<b>OWNER</b>	<b>SHIP SCHED. CONTACT</b>
<b>Texas A&amp;M University</b> Mail Stop 3146 College Station, TX 77543  Homepage: <a href="http://www.ocean.tamu.edu/gyre.html">http://www.ocean.tamu.edu/gyre.html</a>	<b>GYRE</b>	182/55	1973/1980	23	TAMU	Dr. Ed Shaar, Jr. Operations Manager PHONE: (409) 862-3290 FAX: (409) 845-6331 INTERNET: <a href="mailto:eshaar@ocean.tamu.edu">eshaar@ocean.tamu.edu</a>
<b>University of Texas</b> Marine Science Institute 750 Channelview Drive Port Aransas, TX 78373 Homepage: <a href="http://www.utmsi.zo.utexas.edu/hornspec.htm">http://www.utmsi.zo.utexas.edu/hornspec.htm</a>	<b>LONGHORN</b>	105/32	1971/1986	12	U.T.	Mr. Robert Martin Assoc. Director, Admin. PHONE: (361) 749-6760 FAX: (361) 749-6777 INTERNET: <a href="mailto:martin@utmsi.utexas.edu">martin@utmsi.utexas.edu</a>
<b>Louisiana Universities Marine Consortium</b> Marine Research & Education Center 8124 Highway 56 Chauvin, LA 70344 Homepage: <a href="http://www.lumcon.edu/educate.html">http://www.lumcon.edu/educate.html</a>	<b>PELICAN</b>	105/32	1985	15	LUMCON	Mr. Steve Rabalais Marine Ops. Supervisor PHONE: (504) 851-2808 FAX: (504) 851-2874 INTERNET: <a href="mailto:srabalais@lumcon.edu">srabalais@lumcon.edu</a>
<b>Harbor Branch Oceanographic Institution</b> 5600 US 1 N Ft. Pierce, FL 34948  Homepage: <a href="http://www.hboi.edu/">http://www.hboi.edu/</a>	<b>SEWARD JOHNSON</b> <b>EDWIN LINK</b> <b>SEA DIVER</b>	204/63 168/51 113/34	1984/1994 1982/1988 1959/1992	22 20 12	H.B. H.B. H.B.	Mr. Tim Askew Marine Operations PHONE: (561) 465-2400 x262 FAX: (561) 465-2116 INTERNET: <a href="mailto:taskew@hboi.edu">taskew@hboi.edu</a>
<b>University of Miami, RSMAS</b> Marine Department 4600 Rickenbacker Causeway Miami, FL 33149 Homepage: <a href="http://www.rsmas.miami.edu/support/calanus.html">http://www.rsmas.miami.edu/support/calanus.html</a>	<b>CALANUS</b>	64/20	1971	6	U.M.	Mr. David Powell Marine Operations PHONE: (305) 361-4832 FAX: (305) 361-4174 INTERNET: <a href="mailto:dpowell@rsmas.miami.edu">dpowell@rsmas.miami.edu</a>
<b>University System of Georgia</b> Skidaway Institute of Oceanography 10 Ocean Science Circle Savannah, GA 31411 Homepage: <a href="http://www.skio.peachnet.edu/bluefin.html">http://www.skio.peachnet.edu/bluefin.html</a>	<b>BLUE FIN</b>	72/22	1972/1975	8	U.G.	Mr. Steven Carignan Supt. of Plant & Marine Ops PHONE: (912) 598-2456 FAX: (912) 598-2310 INTERNET: <a href="mailto:steve@skio.peachnet.edu">steve@skio.peachnet.edu</a>
<b>Duke/UNC Oceanographic Consortium</b> 135 Duke Marine Lab Road Duke University Marine Laboratory Beaufort, NC 28516 Homepage: <a href="http://www.env.duke.edu/marinelab/vessels.html">http://www.env.duke.edu/marinelab/vessels.html</a>	<b>CAPE HATTERAS</b>	135/41	1981	12	NSF	Dr. Joe Ustach Marine Operations PHONE: (252) 504-7579 FAX: (252) 504-7648 INTERNET: <a href="mailto:joeu@duke.edu">joeu@duke.edu</a>
<b>University of Delaware</b> College of Marine Studies 700 Pilottown Road Lewes, DE 19958 Homepage: <a href="http://www.udel.edu/marine_operations/">http://www.udel.edu/marine_operations/</a>	<b>CAPE HENLOPEN</b>	120/37	1976	12	U.D.	Capt. Matt Hawkins Director, Marine Operations PHONE: (302) 645-4342 FAX: (302) 645-4008 INTERNET: <a href="mailto:hawkins@udel.edu">hawkins@udel.edu</a>
<b>Lamont-Doherty Earth Observatory</b> Columbia University Palisades, NY 10964-8000  Homepage: <a href="http://www.ldeo.columbia.edu/Ewing/home.html">http://www.ldeo.columbia.edu/Ewing/home.html</a>	<b>MAURICE EWING</b>	239/73	1983/1990	32	NSF	Mr. John Diebold Marine Sci. Coordinator PHONE: (914) 365-8524 FAX: (914) 359-6817 INTERNET: <a href="mailto:johnd@ldeo.columbia.edu">johnd@ldeo.columbia.edu</a>

<b>OPERATOR</b>	<b>NAME</b>	<b>LOA (FT/M)</b>	<b>BUILT/ CONVERTED</b>	<b>CREW</b>	<b>NO. of SCI.</b>	<b>OWNER</b>	<b>MARINE OPS. CONTACT</b>
<b>University of Rhode Island</b> Graduate School of Oceanography Narragansett, RI 02882  Homepage: <a href="http://www.gso.uri.edu/endeavor/endeavor.html">http://www.gso.uri.edu/endeavor/endeavor.html</a>	<b>ENDEAVOR</b>	184/56	1977/1993	12	18	NSF	Mr. William Hahn Marine Superintendent PHONE: (401) 874-6554 FAX: (401) 874-6574 INTERNET: b_hahn@ gso.uri.edu
<b>Woods Hole Oceanographic Institution</b> Woods Hole, MA 02543  Homepage: <a href="http://www.whoi.edu/marine-ops/">http://www.whoi.edu/marine-ops/</a>	<b>KNORR</b> <b>ATLANTIS</b> <b>OCEANUS</b> <b>DSRV ALVIN</b>	279/85 274/84 177/54 25.8	1970/1989 1997 1976/1994 1964	25 35* 12	34 24 18	NAVY NAVY NSF NAVY	Capt. Joe Coburn Manager, Marine Ops. PHONE:(508) 289-2624 FAX: (508) 540-8675 INTERNET: jacoburn@whoi.edu
<b>Bermuda Biological Station for Research Inc.</b> 17 Biological Station Lane Ferry Reach St. George's GE-01 BERMUDA Homepage: <a href="http://www.bbsr.edu/wbird.html">http://www.bbsr.edu/wbird.html</a>	<b>WEATHERBIRD II</b>	115/35	1993	10	12	BBSR	Capt. C. Lee Black Marine Superintendent PHONE: (441) 297-1880 x20 FAX: (441) 297-1839 INTERNET: lblack@bbsr.edu
<b>Smithsonian Tropical Research Institute</b> Box 2072 Balboa, Republic of Panama APO AA 34002-0948 Homepage:	<b>URRACA</b>	96/30	1986/1994	5	10	STRI	Mr. Jose Fuentes Acting Marine Superintenden PHONE: 011-207-227-5211 FAX: 011-027-232-6197 INTERNET:

\* Includes 22 Crrew  
 11 DSG  
 2 Technicians