

R/V Oceanus – 36 Years of Service to U.S. Oceanography

Major Experiments

POLYMODE: Polygon Mid-Ocean Dynamics Experiment

NSFE: Nantucket Shoals Flux Experiment

SEEP: Shelf Edge Exchange Processes

ATE: Acoustic Tomography Experiment

ECONOMEX: Environmentally Controlled Oceanfloor Noise Monitoring Experiment

LOTUS: Long-term Upper Oceans Study

HEBBLE: High Energy Benthic Boundary Layer Experiment

FASINEX: Frontal Air-Sea Interaction Experiment

AMODE: Acoustic Mid-Ocean Dynamics Experiment

SWADE: Surface Waves Dynamics Experiment

WOCE: World Ocean Circulation Experiment

JGOFS: Joint Global Ocean Flux Study

GLOBEC: Global Ocean Ecosystem Dynamics

ECO HAB: Ecology and Oceanography of Harmful Algal Blooms

Masters*

Courtenay Barber III
Lawrence T. Bearse
David Casiles
G.R. Gislason
Paul Howland
Anthony Diego Mello
Eugene J. Mysona
Michael Palmieri
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**Apologies to anyone we may have missed—compiling these lists wasn't easy!*

Chief Scientists, 1975-1998*

S. Anderson	D. Caron	G. Hampson	W. Marquet	P. Rhines	J. Valdes
L. Armi	R. Chandler	G. Harbison	J. Marra	P. Richardson	J. Vermersch
J. Austin	S. Chisholm	K. Hartel	W. Martin	D. Roemmich	R. Walden
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M. Bacon	C. Clifford	N. Hogg	C. Miller	G. Rowe	B. Warren
E. Barron	J. Collins	C. Hollister	J. Millman	D. Rudnick	J. Waterbury
R. Beardsley	D. Copeland	C. Holmes	J. Moffett	T. Sanford	S. Watson
J. Bellingham	B. Corliss	S. Honjo	T. Moniz	F. Sayles	D. Watts
H. Berteaux	T. Cowles	E. Horgan	D. Mountain	R. Scheltema	G. Weatherly
P. Biscaye	W. Curry	R. Houghton	L. Murphy	R. Schlitz	D. Webb
J. Bishop	C. Davis	J. Irish	T. O'Brien	R. Schmitt	E. Wegman
E. Bock	T. Dickey	H. Jannasch	N. Oakey	J. Shillingsford	R. Weller
M. Bothner	S. Emerson	W. Jenkins	L. Olson	S. Smith	T. Whitledge
P. Boutin	D. Evans	G. Jones	R. Olson	J. Spiesberger	P. Wiebe
A. Bower	J. Ewing	T. Joyce	R. Petrecca	R. Spindel	A. Williams
A. Bradley	J.I. Ewing	E. Katz	N. Pettigrew	S. Stanic	C. Wirsén
L. Brand	J. Farrington	L. Keigwin	R. Pickart	J. Stegeman	S. Wolf
P. Brewer	G. Frisk	J. Kemp	R. Pollard	D.K. Stoecker	P. Worcester
M. Briscoe	P. Fye	C. Lee	K. Polzin	H. Stommel	S. Worriow
F. Bub	H. Graber	S. Lentz	K. Prada	W. Strahle	L. Worthington
A. Bucklin	F. Grassle	M. Levine	J. Price	J. Teal	C. Wunsch
J. Burke	J. Grassle	R. Limeburner	G. Purdy	G. Thompson	T. Yamamoto
B. Butman	C. Greene	R. Lough	M. Rawson	D. Toomey	C. Yentsch
L. Cammen	M. Gregg	J. Luyten	M. Raymer	D. Townsend	M. Youngbluth
A. Cantillo	R. Guillard	L. Madin	R. Reid	G. Tupper	O. Zafiriou
F. Carey	R. Haedrich	T. Malone	D. Repeta	D. Twitchell	

Chief Scientists, 1999-2011*

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M. Baringer	T. Eglinton	H. Hansell	K. Loudon	C. Pilskaian	M. Taylor
S. Bell	F. Erskine	J. Hanson	L. Madin	A. Plueddemann	W.J. Teague
J. Bernhard	T. Farrar	D. Hebert	N. Makris	J. Preston	J. Toole
B. Binder	R. Field	E. Horgan	M. McCartney	C. Reddy	G. Tupper
A. Bowen	W. Fitzgerald	R. Houghton	D. McCorkle	T. Rossby	A. Turgut
A. Bower	D. Fratantoni	J. Irish	D. McGillicuddy	P. Rowe	C. Van Dover
E. Boyle	L. Freitag	B. Keifer	C. Meinen	M. Ryan	B. Van Mooy
B. Butman	N. Frew	L. Keigwin	P. Mignerey	R. Schlitz	S. Webb
J. Chaytor	G. Frisk	J. Kemp	C. Miller	C. Schmid	R. Weller
R. Chen	C. German	R. Kiene	J. Moffett	R. Schmitt	J. Whitehead
M. Conte	L. Goepfert	C. Kohler	J. Montoya	O. Schofield	D. Wilson
R. Curry	H. Graber	P. Lam	J. Moum	L. Shores	
C. Davis	K. Grissom	G. Lawson	C. Obenhaus	M. Sieracki	
P. deMenocal	B. Guest	J. Ledwell	R. Olson	H. Singh	
R. Dziak	V. Guida	R. Limburner	W. Ostrom	T. Stanton	

RESEARCH VESSEL OCEANUS



1975-2011

Woods Hole
Oceanographic
INSTITUTION

Celebrating R/V *Oceanus* and its crew

When Capt. Larry Bearse reported for his new job sailing for Woods Hole Oceanographic Institution, he and his friends saw two ships tied side by side on the WHOI dock—one a large research vessel, the other R/V *Oceanus*.

“What ship are you going on?” his friends asked. “It’s got to be that ship there,” Bearse replied, pointing to the big ship, “because that little thing’s not going across the ocean.” Bearse quickly discovered what scientists and crew found out when they sailed aboard the 177-foot *Oceanus*. “It turns out she’s an excellent sea boat,” Capt. Bearse said.

Designed by John W. Gilbert Associates of Boston, *Oceanus* was constructed by Peterson Builders of Sturgeon Bay, Wisc. Its name comes from the Greek Titan Oceanus, father of the river gods and sea nymphs, who was represented as a great stream of water encircling the Earth that was the source of all bodies of water.

It sailed into Woods Hole in November 1975, painted a bleak battleship gray, but with distinctive, rakish-looking twin stacks arranged like king-posts on either end of the bridge. Physical oceanographer Bob Beardsley was chief scientist on the ship’s first scientific mission for WHOI in April in 1976.

Owned by the National Science Foundation (NSF), *Oceanus* was operated by a crew of 12 and accommodated 20 scientists for up to 30 days at sea. Over 36 years (with a major mid-life renovation in 1994), *Oceanus* conducted nearly 500 missions, spanning all fields of oceanography and covering hundreds of thousands of miles from Georges Bank to the Red Sea and south to the Sargasso Sea and the Angola Basin. It served some 250 chief scientists and their scientific parties.

As *Oceanus* retires, we salute the ship’s crews, who confronted the challenges of the sea with innovation, expertise, and a can-do spirit and got the job done. *Oceanus* joins the fleet of illustrious WHOI ships that have brought back hard-won knowledge about how the oceans work.

