

Appendix X

Task IV – Facilities – Marine Operations Funding Summary

Woods Hole Oceanographic Institution Research Vessels were provided to support the following programs for CICOR Investigators under Cooperative Agreement No. NA17RJ1233. Results of the science activities are provided by the Principle Investigator.

MERHAB: Alexandrium Blooms Transport: Observations and Models
Principle Investigator – Dr. Dennis J. McGillicuddy
R/V *Oceanus* Cruise Dates: (May/June 2003 and May 2004)
WHOI Project No. 37122335 and 37122347

The main scientific research objective of the May/June cruise was to study Synoptic mapping of *Alexandrium fundyense*, hydrography, and velocity in coastal currents.

The scientific objective included CTD casts, ADCP, Water collection and Drifter deployments. The operations area was the Gulf of Maine in the locality of the Casco and Penobscot Bays.

The scientific personnel participating on the voyage were:

Dr. Dennis J. McGillicuddy, Chief Scientist, Woods Hole Oceanographic Institution
Mr. Bruce A. Keafer, Woods Hole Oceanographic Institution
Ms. Madeline Galac, Woods Hole Oceanographic Institution – Grad. Student
Mr. Patrick Brennan Curran, Woods Hole Oceanographic Institution
Ms. Christian Jadlowic, Woods Hole Oceanographic Institution – Grad. Student
Ms. Elisabeth Jablonski, Woods Hole Oceanographic Institution
Mr. Charles Stock, Woods Hole Oceanographic Institution – Grad. Student
Mr. Valery Kosnyrev, Woods Hole Oceanographic Institution
Ms. Olga Kosnyreva, Woods Hole Oceanographic Institution
Dr. Ruoying He, Woods Hole Oceanographic Institution
Ms. Judith L. Kleindinst, Woods Hole Oceanographic Institution
Dr. Matthew A. Charette, Woods Hole Oceanographic Institution
Mr. Craig William Herbold, Woods Hole Oceanographic Institution
Mr. Matthew Allen, Woods Hole Oceanographic Institution – Grad. Student
Ms. Christina Van Hilst, Woods Hole Oceanographic Institution
Ms. Jennifer E. Fichter, Smith College – Grad. Student
Ms. Maureen Anne Lynch, Colgate University – Grad. Student
Mr. Keston Smith, Dartmouth College
Mr. James P. Manning, National Marine Fisheries Science Center

The scientific personnel participating on the voyage were:

Dr. Dennis Joseph McGillicuddy, Jr., Chief Scientist, Woods Hole Oceanographic Institution

Mr. Bruce A. Keafer, Woods Hole Oceanographic Institution

Ms. Judith L. Kleindinst, Woods Hole Oceanographic Institution

Ms. Claudia Alexandra Augusto Martins, Woods Hole Oceanographic Institution

Dr. Valery Kosnyrev, Woods Hole Oceanographic Institution

Ms. Olga Kosnyreva, Woods Hole Oceanographic Institution

Dr. Laurence Anthony Anderson, Woods Hole Oceanographic Institution

Ms. Christian M. Jadowic, Woods Hole Oceanographic Institution – Grad. Student

Mr. Charles A. Stock, Woods Hole Oceanographic Institution – Grad. Student

Ms. Emily Jill Harrison, Woods Hole Oceanographic Institution – Grad. Student

Ms. Melissa Ann Izbick, Woods Hole Oceanographic Institution – Grad. Student

Ms. Samantha Brody, Swathmore College

Ms. Maureen Anne Lynch, Colgate University

Mr. Keston Smith, Dartmouth College

Ms. Keri Ann Baugh, National Oceanic and Atmospheric Administration

Dr. Christopher Alan Scholin, Monterey Bay Aquarium Research Institute

Mr. Roman Marin III, Monterey Bay Aquarium Research Institute

Mr. Nicholas McBride, Worcester Polytechnic Institute – Grad. Student

**Study of: ECOHAB PNW: Ecology and Oceanography of Toxic Pseudo-nitzschia in
the Northwest Coastal Ocean**

Principle Investigator – Dr. Barbara M. Hickey

R/V *Atlantis* Cruise Date: (September 2004)

WHOI Project No. 37122335 and 37122347

The scientific objective of this cruise was to study the ecology and oceanography of toxic algae *Pseudo-Nitzschia*. The science activities planned included CTDs, towed fish surveys, underway system and ADCP, and the release of drifters. The operations area was in the vicinity of Juan de Fuca Eddy and near the coast, latitude 46 to 48 degrees North and longitude 122 to 126 degrees West.

The scientific personnel participating on the cruise were:

Dr. Barbara Hickey, Chief Scientist, University of Washington
Dr. James Richard Postel, University of Washington
Mr. Brent Jason Leithauser, University of Washington
Ms. Katherine A. Hubbard, University of Washington – Grad. Student
Mr. Nicolaus G. Adams, National Oceanic and Atmospheric Administration – Grad. Student
Mr. Brian D. Bill, NOAA/Northwest Fisheries Science Center
Ms. Sheryl A. Day, NOAA/Northwest Fisheries Science Center
Ms. Keri Ann Baugh, NOAA/Northwest Fisheries Science Center
Ms. Jeannie M. Bush, NOAA/Northwest Fisheries Science Center
Dr. Evelyn J. Lessard, University of Washington
Mr. Michael Foy, University of Washington
Mr. M. Brady Olson, University of Washington – Grad. Student
Ms. Megan Jeanette Bernhardt, University of Washington
Mr. William Patrick Cochlan, San Francisco State University
Mr. Nicolas Christopher Ladizinski, San Francisco State University
Mr. Julian Herndon, San Francisco State University
Dr. Mark L. Wells, University of Maine
Ms. Lisa Pickell, University of Maine – Grad. Student
Ms. Kathleen Rose Hardy, University of Maine
Ms. Margaret P. Hughes, University of California, Santa Cruz
Dr. Charles G. Trick, University of Western Ontario
Mr. Benjamin F. N. Beall, University of Western Ontario – Grad. Student
Ms. Liza Marie McClintock, University of Western Ontario – Grad. Student
Mr. Herbert G. Bergamini, University of Washington/NOAA NWFS
Mr. David Sims, Woods Hole Oceanographic Institution
Ms. Amoreena MacFadyen, University of Washington – Grad. Student
Dr. Vera L. Trainer, NOAA/Northwest Fisheries Science Center
Ms. Katherine A. Hubbard, University of Washington
Mr. Brent Leithauser, University of Washington
Ms. Jessica Ellen Schneider, San Francisco Bay National Estuarine Research Reserve
Dr. Charles G. Trick, University of Western Ontario

NTAS-3: Northwest Tropical Atlantic Station: Third Setting

Principle Investigator – Dr. Albert James Plueddemann

R/V *Oceanus* Cruise Date: (February 2003)

WHOI Project No. 37122344

The scientific objective was to conduct mooring deployments and recovery operations associated with the Northwest Tropical Atlantic Station (NTAS) project. Science activities planned included mooring recovery and deployment, Met Intercomparisons and CTD's. The operations area was the tropic North Atlantic in the vicinity of 15N, 51W.

The scientific personnel participating in the voyage were:

Dr. Albert James Plueddemann, Chief Scientist, Woods Hole Oceanographic Institution

Ms. Nancy R. Galbraith, Woods Hole Oceanographic Institution

Mr. Jason Christopher Smith, Woods Hole Oceanographic Institution

Mr. William Ostrom, Woods Hole Oceanographic Institution

Mr. James Reginald Ryder, IV, Woods Hole Oceanographic Institution

Mr. Kenneth S. Feldman, Woods Hole Oceanographic Institution

Mr. Jason J. Holley, Woods Hole Oceanographic Institution

Mr. Myles Alexander Walsh, Cape Cod Research/E Paint Company

Recap:

R/V <i>Atlantis</i> and Technician Days:	15
R/V <i>Oceanus</i> and Technician Days:	22
Ship and Technician Costs:	\$ 832,453
Program Development Income:	\$ 34,062
Number of WHOI Participants:	34