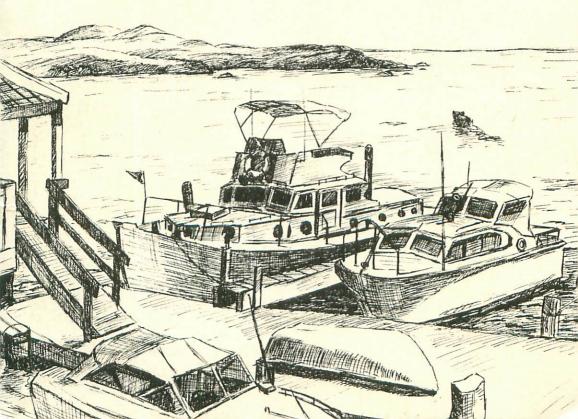
Sua Grant Depository _ MIT-H-77-001

A Citizen's Guide CARGULATING COPY to Sources for Marine and Sea Grant Depository Coastal Information in Massachusetts

An Extension Sea Grant Advisory Program publication jointly sponsored by: Cooperative Extension Service, University of Massachusetts and Massachusetts Institute of Technology Sea Grant Program MITSG 77-13



Issued by the Cooperative Extension Service, Ross S. Whaley, Director, in furtherance of the Acts of May 8 and June 30, 1914; University of Massachusetts, United States Department of Agriculture and County Extension Services cooperating with Massachusetts Institute of Technology Sea Grant Program.

Available to the public without regard to race, color or national origin.

A CITIZEN'S GUIDE TO SOURCES FOR MARINE AND COASTAL INFORMATION IN MASSACHUSETTS

Compiled by Cheryl Simon

Cover illustration by Jonathan Burke

Extension Sea Grant Advisory Program

Jointly sponsored by Cooperative Extension Service, University of Massachusetts and the Massachusetts Institute of Technology Sea Grant Program

Cambridge, Massachusetts

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To learn how to obtain additional copies of this publication, please contact:

Douglas Coughenower Extension Sea Grant Advisory Program Cranberry Station RFD 1, Box 7 East Wareham, MA 02538 617/295-2213 1. AMAR LABORATORIES, INC. Box 172 Ouanset Road South Orleans, MA 02662 617/255-6309, 255-2577 8:00 a.m. to 5:00 p.m. Mon. to Sat. Specialties: Aquaculture, marine and coastal environments, marine industry, shellfisheries. Objectives: To work on research on the marine environment and to produce well-documented, unbiased information that is available to the public. Also, to identify needs of the fisheries, and to work with other agencies to open and develop areas for production and management. Services: Physical and chemical analysis, shellfish propagation studies, wind and drift studies, aquacultural experimental data. Contact: Albert J. Norgeot, president Cynthia W. Hooper, director 2. AQUARIUM OF CAPE COD. INC. Route 28 West Yarmouth, MA 02673 617/775-8883 8:00 a.m. to 6:00 p.m. Apr. to Oct. By appointment, Nov. to Mar. Specialties: Marine and coastal environments, conservation, natural history. Objective: To provide an informative and educational picture of the local marine environment through live displays. Services: A tourist-oriented zoological park, serves as a holding facility for stranded marine mammals. Contact: Dennis Markham, director

3. ASSOCIATION FOR THE PRESERVATION OF CAPE COD P.O. Box 636 Orleans, MA 02653 617/255-4142 9:30 a.m. to 4:00 p.m. Mon. to Sat. Specialties: Coastal and marine environments, conservation. Objective: To protect the total Cape environment. Services: Provides technical information, publishes "Shorelines" newsletter. Nonprofit scientific and educational organization. Contact: Esther A. Snyder, executive director 4. BOATOWNERS UNITED, INC. 46 Union Street New Bedford, MA 02740 617/999-3881 By appointment Specialty: Commercial fisheries. Objectives: To monitor enforcement of state and federal regulations, and to disseminate information necessary to fisheries. Services: Newsletter, market, legal, environmental, economic information. Dues: \$30/year Contact: Harry Swain, president 5. BOSTON BOOKSTORE Room G25, John F. Kennedy Federal Building Boston, MA 02203 617/223-6071 8:00 a.m. to 4:00 p.m. Mon. to Fri. Specialties: Information on government publications distributed by the Superintendent of Documents. Subjects include: commercial fisheries, marine and coastal recreation, safety and standards, marine and coastal environments, natural history, marine and

coastal permitting, marine industries, boating, conservation, sports fisheries and shellfisheries, coastal planning. Contact: Bookstore clerks 6. BOSTON HARBOR ASSOCIATES 223 Lewis Wharf Boston, MA 02110 617/227-6738 By appointment Specialties: Conservation, coastal environment, coastal planning, development. Objectives: To develop a better informed and articulate harbor constituency, to monitor agency efforts to improve water quality and island recreational use, and to encourage growth of the port and balanced development of the waterfront within the context of a regional ecosystem. Services: Newsletter, brochures and pamphlets, books. Dues: \$5 and up/year Contact: Executive secretary CAPE COD COMMERCIAL FISHERMAN'S COALITION P.O. Box 1138 Orleans, MA 02653 617/255-1404 By appointment Specialties: Commercial fisheries, aquaculture, safety and standards, marine and coastal environments, marine and coastal permitting, coastal planning, marine industry, conservation. Objective: To reflect the attitudes and values of working fishermen who live on Cape Cod and who operate from the many small ports that give the Cape much of its traditional flavor. Services: Newsletter, educational services, legal, environmental and market information.

Dues: $\overline{10/y}$ ear. Membership open, but policy choices are limited to those who earn the main portion of their income from commercial fishing. Contact: Jay Lanzillo, president Charles Sheldon, secretary 8. CAPE COD COMMUNITY COLLEGE Route 132 West Barnstable, MA 02668 617/362-2131 8:30 a.m. to 4:30 p.m. Mon. to Fri. <u>Specialty</u>: Marine environment. Objective: To provide educational information. Services: Information on academic programs, lectures and seminars. Contact: Dr. James F. Hall, president 9. CAPE COD MUSEUM OF NATURAL HISTORY, INC. Route 6A Brewster, MA 02631 617/896-3867 10:00 a.m. to 4:30 p.m. Tues. to Sat. Winter: Summer: 10:00 a.m. to 4:30 p.m. daily; 12:30 p.m. to 5:00 p.m. Sun. Specialties: Marine and coastal environment, natural history, conservation. **Objective:** To foster an awareness of the Cape's environment and natural history. Services: Classes, field programs, lectures for children and adults. 3,000 book library. Publishes "The Cape Naturalist" and monthly newsletter. Dues: \$10/individual \$12.50/family Contact: Donald Schall, director

10. CAPE COD NATIONAL SEASHORE Box 577 South Wellfleet, MA 02663 617/349-3785 Specialties: Marine and coastal recreation, natural history, conservation, maritime history, coastal environment. Objectives: To preserve historic, biologic, and geologic resources of the lower Cape, to inform the visiting public about these resources, and to provide recreation opportunities. Services: Provides technical information and services, educational information and materials, environmental and legal information. Contact: Chief of interpretation CAPE COD REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL Maritime Occupation Program Pleasant Lake Avenue Harwich, MA 02645 617/432-4500 8:30 a.m. to 2:30 p.m. by appointment Specialties: Commercial and sports fisheries, aquaculture, marine coastal environments, marine industry, marine and coastal information. Objectives: To provide local young people (secondary school level) with the "facts of life" in the marine field. Services: Technical and educational information and services, environmental information, and regulatory enforcement. Contact: Dana Eldridge CAPE COD SEA CAMPS 12. Centers for Learning and Living Brewster, MA 02631 617/896-3451 By appointment Specialties: Marine and coastal recreation, marine and coastal environments, natural history.

Objective: To provide schools and organizations with a lodging and food service so they may observe and study the environments and habitats of the Cape. Services: Educational information, materials, and services. Contact: Henri Rauschenbach, associate director 13. CHATHAM CONSERVATION FOUNDATION, INC. Box 317 Chatham, MA 02683 617/945-1131 <u>Specialty</u>: Land conservation. Objective: To preserve marshlands and areas of historical interest. Services: Brochures, booklets, publishes "The Quarterly" and "Beachcomber's Botany" newsletters. Dues: \$1 and up Contact: Edward Jacob, president 14. CONSERVATION LAW FOUNDATION OF NEW ENGLAND, INC. 3 Joy Street Boston, MA 02108 617/742-2540 9:00 a.m. to 5:00 p.m. Mon. to Fri. Specialties: Safety and standards, marine and coastal permitting, conservation, coastal environment and coastal planning. Objective: To preserve and enhance the natural resources of New England through legal processes. Services: Legal and environmental information, regulatory enforcement.

A nonprofit environmental law firm.

<u>Fees</u>: \$15/year

<u>Contact</u>: Douglas Foy, director of projects

15. CRUISING INFORMATION CENTER, INC. Peabody Museum East India Square Salem, MA 01970 617/745-1876

9:00 a.m. to 12:00 noon Mon. to Weds. and by appointment

<u>Specialties</u>: Marine and coastal recreation, boating.

<u>Objective</u>: To assist yachtsmen in planning cruises from short vacation cruises to circumnavigations.

Fees: Vary based on time taken to gather the required information

<u>Contact</u>: Director

16. DIVISION OF MARINE AND RECREATIONAL VEHICLES Commonwealth of Massachusetts 64 Causeway Street Boston, MA 02114 617/727-3900

8:45 a.m. to 5:00 p.m.

<u>Specialties</u>: Marine and coastal recreation, safety and standards, boating.

<u>Objectives</u>: To promote boating safety and recreational vehicle safety.

<u>Services</u>: How-to brochures, educational services, legal information, regulatory enforcement. Register boats and recreational vehicles, safety education.

Associated with U.S. Coast Guard and the Executive Office of Environmental Affairs.

<u>Contact</u>: Public information officer

DIVISION OF MARINE FISHERIES 17. 100 Cambridge Street Leverett Saltonstall Building Boston, MA 02202 617/727-3193 8:45 a.m. to 5:00 p.m. Mon. to Fri. Specialties: Commercial and sports fisheries, shellfisheries, aquaculture, marine and coastal environments, conservation. Objectives: To conserve, protect and maintain the marine resources (finfish, shellfish and crustaceans) of Massachusetts, and to protect the marine environment which supports these resources. Services: Issues licenses for the taking, landing and selling of the above marine resources. Also, technical, educational, legal and environmental information, and analytic services. Regulatory enforcement through the Division of Law Enforcement. Contact: Information officer DIVISION OF WATER POLLUTION CONTROL 18. Southeast Regional Office P.O. Box 537 North Pembroke, MA 02358 617/826-2424 9:00 a.m. to 5:00 p.m. Mon. to Fri. Specialties: Marine and coastal environments, marine and coastal permitting, safety and standards. Objective: To preserve and enhance the quality and value of water resources through a program for the prevention, control and abatement of water pollution. Services: Analytic services, regulatory enforcement. Contact: William J. Marhoffer, regional engineer 19. DUCKS UNLIMITED, INC. 1 Sibley Street Grafton, MA 01519 617/839-3755

<u>Specialties</u>: Conservation, coastal environment.

To raise money for developing, preserving, restoring and maintaining the waterfowl habitat on the North American continent. Services: Environmental information, brochures and pamphlets. Dues: \$10/year minimum Contact: Colton H. Bridges, North Atlantic regional director 20. ESSEX CONSERVATION DISTRICT 562 Maple Street Hathorne, MA 01937 617/774-5578 Specialties: Conservation and coastal environment. Objective: To conduct surveys, investigation, and research relating to the conservation and development of natural resources, the control and prevention of soil erosion, the prevention of erosion, floodwater, and pediment damages, and the conservation, development utilization and disposal of water. Services: Technical information, brochures and pamphlets. Contact: Board of supervisors 21. EXTENSION SEA GRANT ADVISORY PROGRAM Cranberry Station RFD 1, Box 7 East Wareham, MA 02538 617/295-2213 8:30 a.m. to 5:00 p.m. Mon. to Fri. Specialties: Commercial and sports fisheries, shellfisheries, marine and coastal recreation, aquaculture, marine and coastal environments, coastal planning, boating, and marine industries. Objectives: To provide educational services and to act as a general source of marine information for Massachusetts citizens, to disseminate results of marine-related research sponsored by the Massachusetts Institute of Technology Sea Grant Program, to assist Sea Grant research and other research units in identifying problems facing the Massachusetts coastal community.

Objective:

Services: Technical, educational and environmental information and services, legal and market information, factsheets, sponsors workshops and seminars. Affiliated with the Massachusetts Institute of Technology Sea Grant Program and with University of Massachusetts Cooperative Extension Service. Contact: Douglas Coughenower, coordinator 22. FEDERAL ENERGY ADMINISTRATION Region One 150 Causeway Street Boston, MA 02114 617/223-3701 8:00 a.m. to 4:30 p.m. Mon. to Fri. Specialties: Energy, including aspects related to coastal and marine environments. Objectives: To study and develop energy policy and regulations, to administer federal petroleum allocation and price regulations, and to provide assistance to states on energy matters. Also, in coastal/marine contexts, to review states' coastal zone plans to ensure that adequate measures are included for addressing long-term energy needs, and to review the environmental impact statements of all energy-related projects. Services: Legal, technical, environmental, and economic information; regulatory enforcement. Publishes "New England Energy Ledger." Contact: Environmental officer 23. FIRST COAST GUARD DISTRICT 150 Causeway Street Boston, MA 02114 617/223-3610 8:00 a.m. to 4:30 p.m. Mon. to Fri. Specialties: Search and rescue, marine and coastal recreation, boating, marine industry, coastal planning, marine and coastal environments. **Objectives:** To enforce fishery laws and other federal statutes, to prevent pollution, to promote marine and boating safety for commercial and pleasure boaters, and to be prepared to perform military duties.

Services: Educational information and services, environmental information, and regulatory enforcement. Publishes "The First Word" newsletter. Contact: Public affairs office 24. FISHERIES PROMOTION FUND 60 North Water Street New Bedford, MA 02740 617/385-9252 10:00 a.m. to 4:30 p.m. off-season 10:00 a.m. to 9:30 p.m. in-season <u>Specialties:</u> Marine environments and natural history. Objective: To provide educational experience in the marine field, especially in dealing with marine mammals. Services: Technical and educational services, educational and environmental information. A contract-negotiated fund set up through a contract between the fisheries union and the boatowners. Works with marketing and advertising. Contact: George R. King, director. 25. 4-H COASTAL SCIENCE PROGRAM Cape Cod Extension Service Deeds & Probate Building Railroad Avenue Barnstable, MA 02630 617/362-2511 ext. 201 8:30 a.m. to 4:30 p.m. Mon. to Fri. Specialties: Marine and coastal environments. **Objectives:** To reach young people with an informal educational program that will help them to become better citizens. Services: Educational materials and services. "Beachcomber" newsletter available to people in the area. Short-term programs through schools. Contact: Barbara Waters, Extension 4-H agent in marine education

26. FRANCIS RUSSELL HART NAUTICAL MUSEUM Room 5-329A Massachusetts Institute of Technology 77 Massachusetts Avenue Cambridge, MA 02139 617/253-5942 Display open always Files open 10:00 a.m. to 3:00 p.m. by appointment Specialty: Maritime history. Objectives: To show ship and marine engineering development. Services: Technical services and educational materials. Contact: William A. Baker, curator GLOUCESTER STORY MUSEUM 27. 180 Main Street Gloucester, MA 01930 617/283-1940 9:00 a.m. to 5:00 p.m. Mon. to Fri., May through Oct. 12:00 noon to 5:00 p.m. Sunday, year round. Specialty: Maritime history. Objective: To show the history of the fishing industry in Gloucester from schooner days to present through use of photos, hands-on exhibits and movies. Services: Educational information. Contact: John L. Farrell 28. MARINE BIOLOGICAL LABORATORY Woods Hole, MA 02543 617/548-3705 Inquiries by letter and appointment Specialties: Aquaculture, coastal and marine environments, natural history. **Objectives:** To provide space and facilities for education and research in the biology of marine forms from points of view ranging from natural

history through ecology and current experimental biology. <u>Services</u>: Teaching and research, extensive library of marine biology-related books and journals. Publishes "The MBL Newsletter." Dues: \$25/year Contact: Dr. James D. Ebert, president and director 29. MARINE CONSULTING ASSOCIATES, INC. P.O. Box 154 Provincetown, MA 02657 617/487-3622 Handles inquiries by letter, telephone and personal appointment. Specialties: Beach and shore erosion, coastal environmental impact studies, environmental inventory design and execution, surveys of marine and estuarine organisms. **Objective:** To provide scientific consulting services pertaining to physical and biological aspects of the coastal environment. Contact: Graham S. Giese, president 30. MARTHA'S VINEYARD COMMISSION Box 1447 Oak Bluffs, MA 02557 617/693-3453 9:00 a.m. to 5:00 p.m. Mon. to Fri. Specialty: Commercial fisheries. Objectives: To preserve the qualities of land and water. Services: Technical services and information, some water analysis, information on water quality, economic and market trends, regulatory enforcement. Publishes "Shellfish" newsletter. Fee: Nominal charge to nonmembers Contact: Michael Wild

31. MASSACHUSETTS ASSOCIATION OF CONSERVATION COMMISSIONS Lincoln Filene Center Tufts University Medford, MA 02155 617/628-5000, ext. 351 Specialty: Conservation. Objectives: To further objectives of conservation by assisting municipal conservation commissions in 330 cities and towns in Massachusetts. Services: Educational, legal and environmental information. Publishes "The MACC Newsletter." Contact: George S. Wislocki, president 32. MASSACHUSETTS AUDUBON SOCIETY South Great Road Lincoln, MA 01773 617/259-9500 9:00 a.m. to 5:00 p.m. Mon. to Fri. Specialties: Conservation and natural history, wetlands protection. Objectives: To further conservation, education and research. Services: Technical and environmental information, educational information, materials and services: Publishes the "Massachusetts Audubon Society Newsletter" and "Wetlands and the Watercycle." Affiliated with, but not a chapter of, the National Audubon Society. Dues: \$12/individual \$18/family Contact: Deborah V. Howard 33. MASSACHUSETTS COOPERATIVE EXTENSION SERVICE Home Economics Division Skinner Hall University of Massachusetts Amherst, MA 01003 413/545-2386

8:30 a.m. to 5:00 p.m. Mon. to Fri. Specialties: Food and nutrition. Objectives: To help people know more about the food supply and to use it more wisely, and to help them develop a better understanding of nutritional needs throughout life and to improve their level of nutritional status. Services: Human health information, educational materials and information. Associated with federal, state and county extension services. Each has own newsletter. Contact: Harriet Wright 34. MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL QUALITY ENGINEERING 100 Cambridge Street Boston, MA 02202 617/727-2690 Specialties: Commercial fisheries, shellfisheries, safety and standards, marine and coastal environments, permitting, coastal planning. **Objectives:** To enhance and protect the environmental quality of development in Massachusetts while improving and insuring the procedures relating to requests for development. Services: Technical and educational information and services, analytic services, legal information, regulatory enforcement, human health information. The Department of Environmental Quality Engineering is the regulatory department of the Executive Office of Environmental Affairs. Contact: Commissioner 35. MASSACHUSETTS DIVISION OF WATER POLLUTION CONTROL Northeast Region 110 Tremont Street Boston, MA 02108 617/727-3855 Western Region 1 Draper Hall University of Massachusetts

Amherst, Ma 01002 413/549-1755 Southeast Region Washington Street P.O. Box 537 North Pembroke, MA 02358 617/826-2424 8:00 a.m. to 4:00 p.m. Mon. to Fri. Specialties: Safety and standards, marine and coastal permitting, marine and coastal environments. **Objectives:** To control water pollution, oil and hazardous wastes. Services: Regulatory enforcement, technical information, limited technical and analytic services. Contact: Thomas C. McMahon, director 36. MASSACHUSETTS FOREST AND PARK ASSOCIATION 3 Joy Street Boston, MA 02108 617/742-2553 9:00 a.m. to 5:00 p.m. Mon. to Fri. Specialty: Conservation. Objective: To ensure responsible conservation legislation. Services: Legal information on proposed state legislation. Publishes "Conservation Legislative Bulletin" and "Massachusetts Forest and Park Association News." A private lobby organization working at the Massachusetts State House. Dues: \$15/year Contact: Executive director

37. MASSACHUSETTS HARBORMASTERS ASSOCIATION Peddocks Island Hull, MA 02045 617/925-3396 Inquiries by letter preferred Specialties: Commercial and sports fisheries, shellfisheries, boating, coastal and marine environments, coastal planning and permitting, marine and coastal recreation. Objective: Effective coastal harbor management. Services: Regulatory enforcement. Dues: \$20 Contact: Edward McDevitt, secretary 38. MASSACHUSETTS INSHORE DRAGGERMEN'S ASSOCIATION 460 Main Street Marshfield, MA 02050 617/837-5159 Flexible hours Specialty: Commercial Fisheries. Objectives: To establish cooperation among various segments of the industry, to work for favored legislation, to encourage good conservation measures, and to improve conditions of the fisheries. Services: Educational and environmental information, regulatory enforcement. Publishes "MIDA Newsletter." Dues: \$50/boat owners \$25/crew members \$5 to receive newsletters only Contact: Daniel Arnold

MASSACHUSETTS INSTITUTE OF TECHNOLOGY 39. Sea Grant Information Center Room 5-331 Massachusetts Institute of Technology Cambridge, MA 02139 617/253-5944 9:00 a.m. to 5:00 p.m. Mon. to Fri. Special information needs handled by appointment Specialties: General marine information with emphasis on aquaculture, coastal zone management, ocean mining, law of the sea, offshore oil and gas, pollution, fisheries, oceanographic instrumentation. Objectives: To provide MIT Sea Grant Program staff and researchers with back-up information, to serve as a public information resource on topics of special interest to Sea Grant, to collect reports published by all other Sea Grant institutions. Services: Answers information requests and/or refers users to other information sources. Contact: Barbara Passero, information specialist MASSACHUSETTS INSTITUTE OF TECHNOLOGY SEA GRANT PROGRAM 40. Room 1-211 Massachusetts Institute of Technology 77 Massachusetts Avenue Cambridge, MA 02139 617/253-7135 9:00 a.m. to 5:00 p.m. Mon. to Fri. Specialties: Commercial fisheries, shellfisheries, safety and standards, marine and coastal environments, coastal planning and permitting, marine industry. **Objectives:** To translate into usable form and to disseminate to those who can use it, information on the wise uses of the ocean and coastal zones; to serve with useful marine and coastal information all citizens who depend on Massachusetts' shorelands and offshore waters for livelihood or recreation. Services: Technical information and advisory services, educational materials and services, publications. Write for list of MIT Sea Grant publications.

Under the National Office of Sea Grant, National Oceanic and Atmospheric Administration, Department of Commerce. Contact: Associate director for advisory services or marine liaison officer 41. MASSACHUSETTS LOBSTERMEN'S ASSOCIATION, INC. Box 276 Cove Creek Lane Marshfield Hills, MA 02051 617/834-4387 By appointment Specialties: Commercial fisheries, marine environment, lobster fisheries, conservation. **Objectives:** To promote conservation, strengthen law enforcement, promote understanding and cooperation among lobstermen, provide a forum for exchange of information among members. Services: Technical consulting, legal information, limited market and economic information. Publishes MLA monthly newsletter. Dues: <u>\$25/</u>year Contact: Robert S. Barlow, executive director MASSACHUSETTS MARINE EDUCATORS New England Aquarium Central Wharf Boston, MA 02110 617/742-8830 9:00 a.m. to 5:00 p.m. Mon. to Fri. Specialties: Marine education (K through adult, and teacher training), marine occupations and curriculum. **Objectives:** To advance marine education in all subject areas at all grade levels.

Services: Technical information and services, educational information, materials and services. Affiliated with the New England Aquarium. Dues: \$3/year Contact: Linda Lucchesi, secretary 43. MASSACHUSETTS MARINE TRADES ASSOCIATION P.O. Box 272 Milton, MA 02186 617/296-8336 9:00 a.m. to 5:00 p.m. Mon. to Fri. Specialties: Marine and coastal recreation, safety and standards, marine industries, boating. Objectives: To provide a voice for those involved in the marine industry, to promote safety and legislative programs. Services: Works to remedy situations that could adversely affect the boating public and industry. Dues: \$50/year Contact: Frank Farrell, executive director 44. MASSACHUSETTS OFFICE OF COASTAL ZONE MANAGEMENT 100 Cambridge Street Saltonstall State Office Building Boston, MA 02202 617/727-2808 9:00 a.m. to 5:00 p.m. Mon. to Fri. Specialties: Commercial and sports fisheries, aquaculture, marine and coastal recreation, marine and coastal environments, marine and coastal permitting, marine industry, shellfisheries, boating, conservation, maritime history and coastal planning.

Objectives: A coastal land and water management program, Massachusetts Office of Coastal Zone Management has to establish a series of long term policies on coastal land and water management, energy and energy facility siting in the Massachusetts coastal zone, on recreation, on port and harbor development, coastal development, and other coastal affairs. Services: Technical, legal, educational information, and regulatory services. Contact: Information officer or public information officer 45. MASSACHUSETTS SHELLFISH OFFICERS ASSOCIATION 5 Center Street South Dartmouth, MA 02748 617/992-4792 Inquiries by letter or phone Specialties: Commercial and sports fisheries, shellfisheries, aquaculture, marine and coastal recreation, conservation. Objective: To aid and promote the general welfare of the shellfisheries and all marine-related activities in Massachusetts. Services: Technical information and services, educational materials, legal information, regulatory enforcement. Publishes the "M.S.O.A. Newsletter.' Dues: \$15/year Contact: Joseph Almeida, secretary Mike Hickey, shellfish technical assistance MASSACHUSETTS WILDLIFE FEDERATION 46. P.O. Box 343 Natick, MA 01760 Inquiries by letter Specialties:

Marine and coastal information, sports fisheries, marine and coastal environments, boating, conservation.

Services: Educational and environmental information. Dues: \$5/year Contact: E. Courtney, president 47. MERRIMACK VALLEY PLANNING COMMISSION 87 Winter Street Haverhill, MA 01830 617/374-0519 8:30 a.m. to 4:30 p.m. Mon. to Fri. Specialties: Transportation, housing, land use, water quality, solid waste, coastal zone management, federal funding reviews, open space and recreation, local technical assistance, economic development. Objective: To study and propose solutions to problems that occur at a multi-community level. <u>Services:</u> Technical information and services, market and economic information, legal and environmental information. Publishes the "MVPC Newsletter." Comprehensive regional planning agency. Dues: 20c per capita per member community Contact: Richard M. Gladstone R. Jeffrey Riotte 48. METROPOLITAN AREA PLANNING COUNCIL 44 School Street Boston, MA 02108 617/523-2454 9:00 a.m. to 5:00 p.m. Mon. to Fri. Specialty: Coastal planning. **Objective:** To improve public access to coastal areas, to promote compatible land uses in coastal areas.

Services: Technical information, limited technical services, legal environmental information. Publishes a regional report and a comprehensive plan for the Boston Harbor Islands. Dues: 13.3¢ per capita per town per year Contact: Main office. Calls will be channeled to the appropriate person. 49. METROPOLITAN DISTRICT COMMISSION 20 Somerset Street Boston, MA 02108 617/727-5215 8:45 a.m. to 9:00 p.m. Mon. to Fri. Tours of the facilities by appointment Specialties: Marine and coastal recreation, boating, conservation, coastal environments, coastal planning. Objective: To provide water, wastewater treatment, and park facilities for the metropolitan Boston area, to project the land and water resources within MDC's jurisdiction. <u>Services:</u> Technical information, educational information and services. Fees: Depend on services provided Contact: Director of environmental planning, director of planning, director of parks and recreation, chief planner 50. MONOMOY NATIONAL WILDLIFE REFUGE Morris Island Chatham, MA 617/945-0594 Sunrise to sunset, daily Specialties: Marine and coastal recreation, marine and coastal environments, sports fisheries, conservation. Objectives: To provide a feeding, resting, and nesting area for migratory waterfowl. Public recreation is permitted when it does not conflict with the refuge's responsibilities to wildlife.

Services: Technical information and services, educational and environmental information, regulatory enforcement. Affiliated with the U.S. Fish and Wildlife Service. Department of the Interior. Contact: Refuge manager 51. NANTUCKET CONSERVATION FOUNDATION Harbor Square P.O. Box 13 Nantucket, MA 12554 617/228-2884 9:00 a.m. to 4:00 p.m. Mon. to Fri. 9:00 a.m. to noon, Sat. (summer) Specialties: Conservation, coastal environment, coastal planning. **Objectives:** To assist in the preservation of the Town of Nantucket by the conservation, preservation, and maintenance of beach, marshlands, wetlands; to promote and encourage study of plant and wildlife; to publish or finance publication of historical, scientific or educational works related to the area, and to acquire property by purchase or lease. Services: Educational information and services, environmental information. Dues: Individual member: sustaining/\$10 associate/\$5 Family/\$25 Contact: James Lentowski, executive secretary 52. N.E.E.D.* COLLABORATIVE National Environmental Education Development North Pamet Road Truro, MA 02666 617/349-3726 Hours by appointment Specialties: Commercial fisheries, marine environment, shellfisheries, conservation, maritime and natural history.

Objectives: To increase awareness and understanding of the natural and human environments of Cape Cod. Services: A 5-day interdisciplinary and outdoor-oriented residential program for 5th graders, facilities for weekend workshops and seminars that will contribute to the growth of "environmentally concerned" students and citizens. Associated with the Falmouth, Dennis-Yarmouth, and Harwich school systems, and the Cape Cod National Seashore. Contact: Richard F. Delaney, director 53. NATIONAL MARINE FISHERIES SERVICE 191 Main Street Gloucester, MA 01930 617/281-3600 8:00 a.m. to 4:30 p.m. Mon. to Fri. Specialties: Commercial fisheries, marine and coastal recreation. marine and coastal environments, shellfisheries. Objectives: To restore, maintain, enhance and utilize in a rational manner. fisheries resources of importance to the U.S. in order to develop and maintain a healthy commercial fishing industry, thereby ensuring adequate supplies of wholesome seafood products for customers. Services: Legal and technical information, market and economic information, regulatory enforcement, human health information and educational services. Contact: Regional director 54. NATIONAL MARINE FISHERIES SERVICE Market News Branch P.O. Box 1109 Gloucester, MA 01930 617/281-3600, ext. 205 and Room 10 Commonwealth Pier Boston, MA 02210 617/542-6070

Gloucester: 8:00 a.m. to 4:30 p.m. Mon. to Fri. Boston: 7:45 a.m. to 4:15 p.m. Mon. to Fri. Specialty: Commercial fisheries. Objective: To assist the fishing industry and enhance the production and marketing of fishery products. Services: Market and economic information. "Market News Reports" gives landings, market receipts, cold storage holdings, exvessel prices, wholesale prices, foreign trade data, current market developments. Automatic telephone message service gives landings and exvessel prices of direct fishery landings daily. Massachusetts message centers: Boston: 617/542-7878 Gloucester: 617/283-1101 Fee: Fishery Market News Reports, tri-weekly: \$35/year Fishery Market News Weekly Summary: \$15/year Contact: Gloucester: Branch chief Boston: Officer-in-charge NATIONAL OCEAN SURVEY 55. National Oceanic and Atmospheric Administration 6001 Executive Blvd. Rockville, MD 20852 301/443-8031 8:15 a.m. to 4:45 p.m. Mon. to Fri. Specialties: Charting, mapping, and related marine information. Objectives: To survey and chart the coastal regions of the U.S., its territories and possessions, to maintain the tidal and tidal current observations; and to conduct such other investigations as might be required to support these objectives. Services: Technical services and information, educational information, material and services. Contact: William A. Stanley, chief, physical sciences services staff

56. NATIONAL PARK SERVICE North Atlantic Regional Office 150 Causeway Street Boston, MA 02114 617/223-3778 8:30 a.m. to 5:00 p.m. Mon. to Fri. Specialties: Marine and coastal recreation, marine and coastal environments, natural and maritime history, marine and coastal permitting, conservation, research on coastal management and biology. Objective: To protect and promote wise recreational use of national parks, monuments, recreation areas and historic sites. Services: Technical services and information, publishes results of scientific research. Contact: Dr. P. A. Buckley, chief scientist 57. NATIONAL WEATHER SERVICE FORECAST OFFICE General Aviation Administration Building Logan International Airport Boston, MA 02128 617/567-4670 Inquiries handled by telephone, letter and appointment Specialty: Marine weather. Objective: To issue marine forecasts and warnings for the New England coast and also offshore waters. Services: Environmental information. Contact. Meteorologist-in-charge

58. NAVY OFFICE OF INFORMATION 575 Technology Square 8th Floor Cambridge, MA 02139 617/491-4637 8:00 a.m. to 4:30 p.m. Mon. to Fri. Specialty: U.S. Navy Objective: To provide information and liaison with the Navy to mass communication media in New England. Contact: Anyone at the office phone number 59. NAUSET REGIONAL HIGH SCHOOL LIBRARY Cable Road North Eastham, MA 02651 617/255-1505 7:00 a.m. to 3:00 p.m. Mon. to Fri. Specialties: Aquaculture, marine and coastal environments, natural history coastal planning, shellfisheries. Services: Provides educational materials. Contact: Librarian 60. NEW BEDFORD WHALING MUSEUM 18 Johnny Cake Hill New Bedford, MA 02740 617/997-0046 9:00 a.m. to 5:00 p.m. Tues. to Sat. 1:00 p.m. to 5:00 p.m. Sun. Specialty: Maritime history. Objective: To increase knowledge and to promote interest in the history of the American whaling industry, with particular reference to the part played in that history by the port of New Bedford.

<u>Services</u>: Educational material and information.

<u>Dues</u>: \$10/year

<u>Contact</u>: Richard C. Kugler

61. NEW ENGLAND AQUARIUM Central Wharf Boston, MA 02110 617/742-8830

> 9:00 a.m. to 5:00 p.m. Mon. to Thurs. 9:00 a.m. to 9:00 p.m. Fri. 9:00 a.m. to 6:00 p.m. Sat. and Sun.

Specialties:

Natural history, marine environment (research information), marine education, marine mammal protection.

<u>Objective</u>:

To make known the world of water through education, research and recreation.

<u>Services:</u> Educational materials, information and services, some information on environmental research. Members receive "Aqualog" newsletter and "Aquasphere" booklets.

<u>Contact</u>: John H. Prescott, executive director Warren M. Little, education director Guy C. McLeod, research director

<u>Admission</u>: Adults/\$3.50 Children/\$2, under 6/free

62. NEW ENGLAND FISHERIES STEERING COMMITTEE Olympia Building Room 308 888 Purchase Street New Bedford, MA 02741

9:00 a.m. to 4:00 p.m. by appointment

<u>Specialty</u>: Commercial fisheries.

<u>Objective</u>: To protect, manage and conserve the marine resources, to continue the commercial fishing industry as a profitable operation for all involved through investment or labor.

66. NEW ENGLAND REGIONAL COMMISSION 53 State Street Boston, MA 02109 617/223-6330 8:30 a.m. to 5:00 p.m. Mon. to Fri. Specialty: Commercial fisheries. Objective: To promote economic development in New England. Services: Technical information. Contact: George Sahady 67. NEW ENGLAND REGIONAL FISHERY MANAGEMENT COUNCIL Peabody Office Building One Newbury Street Peabody, MA 01960 617/535-5450 8:00 a.m. to 5:00 p.m. Mon. to Fri. Specialties: Nonfederal marine fisheries management, commercial and sports fisheries, conservation, shellfisheries, marine industry. Objective: To prepare the management plans for domestic and foreign fishing in the Fisheries Management Zone (200-mile extended jurisdiction limit). Services: Information about regulatory enforcement. Contact: Spencer Apollonio, executive director 68. NEW ENGLAND RIVER BASINS COMMISSION 55 Court Street Boston, MA 02108 617/223-6244 9:00 a.m. to 4:30 p.m. Mon. to Fri. Specialties: Coastal planning and natural resources planning.

Objectives:

To assist in the coordination of federal, state, local and governmental plans for management of water and related land resources; to prepare, recommend and keep up-to-date a "comprehensive, coordinated, joint plan" for management of water and related land resources of the region; and to recommend priorities for the collection of data about natural resources for planning solutions to natural resources management problems.

<u>Services</u>:

Technical, legal and environmental information, educational services.

Federal-interstate agency.

Contact:

William E. Nothdurft, senior staff associate for communications and technology transfer, or the public information officer

69. NORTHEAST FISHERIES CENTER Gloucester Laboratory Emerson Avenue, P.O. Box 61 Gloucester, MA 01930 617/281-3600, ext. 284

8:00 a.m. to 4:30 p.m. Mon. to Fri. by appointment

Specialties:

Commercial fisheries, safety and standards, shellfisheries, food processing, food preservation, bacteriology, analytical chemistry, mechanical engineering.

Objective:

To assist the American fishing industry and the public by increasing the available quantity and quality of fish and shellfish; to improve the quality of seafoods; and to work closely with representatives of the fishing industry and consumers to apply available technology toward increasing the yield of commercially processed fish.

<u>Services:</u> Technical information, educational materials and services.

<u>Contact</u>: Dr. J. Perry Lane 70. NORTHEAST MARINE SPECIMENS COMPANY, INC. P.O. Box 1 Woods Hole, MA 02543 617/759-4055 By appointment Specialties: Marine and coastal environments, natural history, marine biological supply and field trips. Objectives: To supply schools and colleges throughout the U.S. with marine organisms for class or for basic research; to provide wet-lab facilities by creating an "environmental center" for student activities. Services: Courses, lectures, and site visits. Contact: Paul A. Shave, president PARKER RIVER NATIONAL WILDLIFE REFUGE 71. Plum Island Northern Boulevard Newburyport, MA 01950 617/465-5753 8:00 a.m. to 4:30 p.m. Mon. to Fri. Specialties: Migratory birds, natural habitats. Objectives: To perpetuate the migratory bird resource, and to preserve the natural diversity and abundance of mammals and nonmigratory birds on refuge lands. Affiliated with the U.S. Fish and Wildlife Service. Contact: Refuge manager 72. PEABODY MUSEUM OF SALEM East India Square Salem, MA 01970 617/745-1876 9:00 a.m. to 5:00 p.m. Mon. to Fri. 1:00 p.m. to 5:00 p.m. Sun. and holidays

Specialties: Natural and maritime history. The ethnology department concentrates on the cultures of non-European peoples. Objectives: To collect, conserve and display the maritime history of New England and the natural history of Essex County, Massachusetts. Services: Technical information and exhibition catalogs, technical services, educational information, services and materials. Admission: \$1.50/adults 75¢/children Contact: Sarah Fraser Robbins, director of education 73. PROJECT DOMINION, INC. 37 Howard Street West Bridgewater, MA 02379 617/587-6359 "Anytime!" Specialties: Commercial and sports fisheries, aquaculture, marine and coastal environments, marine industry, coastal planning, shellfishing. **Objectives:** To apply scientific knowledge and expertise in a grass roots volunteer action-oriented organization to improve the quality of the local environment, with a minimum of financial support from outside sources. Services: Environmental and technical services and information. Works for clean water, improved anadromous fisheries, increased suitable substrate, and greater larval availability.

<u>Dues</u>: \$10/year, regular \$ 1/year, student

<u>Contact</u>: Rev. Richard W. Burton, president 74. PROJECT SEAL 214 Point Road Marion, MA 02738 617/748-2150 9:00 a.m. to 3:00 p.m. Mon. to Fri. Specialties: Marine environment, boating, conservation, boatbuilding. Objectives: To develop practical skills; to share responsibilities in a small community and to provide the basic necessities; through practical learning experiences, to consider vocational alternatives, and to direct further education and work toward fulfilling personal goals; to encourage ideals of self-reliance and interdependence. Private educational institution. Tuition: \$3,950/year Contact: John K. Nopper, director PROVINCETOWN CENTER FOR COASTAL STUDIES 75. Box 826 Provincetown, MA 02657 617/487-3622 9:00 a.m. to 5:00 p.m. Mon. to Fri. Specialties: Natural history, coastal environment and coastal planning. **Objectives:** To advance education and research in the coastal marine environment; to increase awareness of the complexities of the coastal environment. Services: Technical and environmental information, educational and analytical services. Course in Coastal Marine Ecology for adults, ecology course for children. Contact: Dr. Barbara S. Mayo, director Dr. Graham S. Giese, associate director

PROVINCETOWN MARINE AQUARIUM 76. 201-211 Commercial Street Box 324 Provincetown, MA 02657 617/487-9326 10:00 a.m. to 6:00 p.m. June, Sept., and Oct. 10:00 a.m. to 10:00 p.m. July and Aug. Specialties: Commercial fisheries, aquaculture, shellfisheries, conservation, marine and coastal environments, natural history. **Objectives:** To present to the general public fishes of the North Atlantic in a unique natural setting. Services: Technical services, such as care of stranded mammals, growing of squid, maintenance of salt water environments, educational and environmental information, informative labels for living exhibits. Contact: Jackie Gleason SAVE OUR SHORES, INC. 77. P.O. Box 103 North Quincy, MA 02171 617/888-4694 Inquiries answered by telephone, letter, and at meetings Specialties: Commercial and sports fisheries, marine and coastal recreation, safety and standards, marine environments, marine and coastal permitting, marine industry, conservation, shores and waterways of Boston Harbor from East Point, Nahant, to Point Alterton, Hull; to preserve and promote wise use of the 30 islands in Boston Harbor and eventually leading to a proclamation of a national park for the entire area. Services: Shore alert for oil spills in Boston Harbor, keeps legislatures informed about proposals that concern the harbor. Publishes "News & Views of Boston Harbor" newsletter. Fee: \$2 Contact: Mrs. Robert Harrow, president Mrs. Nelson R. Saphir, executive secretary

78. SEAFOOD PRODUCERS ASSOCIATION 60 North Water Street New Bedford, MA 02740 617/999-5258 9:00 a.m. to 4:00 p.m. Mon. to Fri. <u>Specialty:</u> Commercial fisheries. Services: Technical, market, and legal information to members only. Trade association for seafood producers. Fees: Regulated according to gross tonnage Contact: Octavio A. Modesto, general manager 79. SEALAND OF CAPE COD, INC. Route 6A Brewster, MA 02631 617/385-9252 10:00 a.m. to 4:30 p.m. off-season 10:00 a.m. to 9:30 p.m. in-season Specialties: Marine environment, natural history, marine fish and mammals. Objectives: To provide an educational experience in the marine field, especially about marine mammals. Services: Technical services, educational information and services, environmental information. Contact: George R. King, director 80. SIERRA CLUB New England Chapter 3 Joy Street, Room 12 Boston, MA 02108 617/227-5339 10:00 a.m. to 3:00 p.m. Mon. to Fri. Specialties: Commercial fisheries, marine and coastal recreation and permitting, safety and standards, marine industry, conservation, coastal and marine environments, coastal and marine legislation.

Objectives: To protect marine and coastal environments.

Services:

Technical, legal, human health, and environmental information, educational materials and services. Sponsors an outdoor recreation program. Publishes "New England Sierran" newsletter (regional) and "Sierra Club Bulletin" (national).

Dues: \$8/year, students

Contact: Office manager

81. SOIL CONSERVATION SERVICE U.S. Department of Agriculture Massachusetts State Office 29 Cottage Street Amherst, MA 01002 413/549-0650

8:00 a.m. to 4:30 p.m. Mon. to Fri.

Specialties:

Marine and coastal recreation, conservation, coastal planning, soil and water conservation.

Objectives:

To bring together the various disciplines needed to solve land and water conservation problems.

Services: Technical information and services, educational materials and environmental information. Staff includes soil scientists; economists; agricultural, irrigation, hydraulic, drainage, and cartographic engineers; specialists in biology, agronomy, range management, woodland management, plant materials, geology, and sedimentation; soil conservationists.

Contact:

District conservationist at the appropriate field office.

82. SOUTHEASTERN REGIONAL PLANNING AND ECONOMIC DEVELOPMENT DISTRICT 7 Barnabas Road Marion, MA 02738 617/748-2100 8:00 a.m. to 6:00 p.m. Mon. to Fri. Specialties: Marine and coastal environments, coastal planning. Objectives: Comprehensive regional planning, including land use, transportation, economic development, water quality, and coastal zone management. Services: Environmental information. Publishes "Regional Rapport" newsletter. Fee: Per capita assessment on member communities Contact: Community information specialist 83. SOUTH SHORE NATURAL SCIENCE CENTER, INC. Jacobs Lane Norwell, MA 02061 617/659-2559 9:00 a.m. to 4:00 p.m. Mon. to Sat. 2:00 p.m. to 4:00 p.m. Sun. Specialties: Conservation and natural history. Objective: To teach natural sciences to all age groups, preschool through adult, through organized programs and courses, stressing local areas and habitats. Services: Educational services and information, environmental information. Three trails on 21 acres are left untouched to show natural progression. Publishes "The Beeline" newsletter. Private educational institution. Dues: \$6 up/year Contact: Chairman, board of trustees

Thompson's Island P.O. Box 127 Boston, MA 02127 617/328-3900 8:30 a.m. to 5:00 p.m. Mon. to Fri. Specialties: Marine and coastal environments, maritime and natural history, coastal planning and environmental education. **Objectives:** To promote individual initiative, responsibility, teamwork, and urban survival skills, and to teach students about their community environment. Services: Educational services to schools and organizations that apply an experience-based approach to their own programs; curriculum development and resource service, workshops and mini-courses for teachers and youth leaders, and consultation in program development and program design. Publishes the "Thompson Education Center Newsletter." Contact: Donald P. Lombardi 85. THE TRUSTEES OF RESERVATIONS 224 Adams Street Milton, MA 02186 617/698-2066 9:00 a.m. to 5:00 p.m. Mon. to Fri. Specialties: Marine and coastal recreation, marine and coastal environments, natural history, conservation, sports fisheries, coastal planning, maritime history, shellfisheries. **Objectives:** To preserve for the public, places of natural beauty and historic interest within the Commonwealth of Massachusetts. Services: Coastal properties: Halibut Point, Misery Islands Reservation, Richard T. Crane, Jr. Memorial Reservation, Cornelius & Mine S. Crane Wildlife Refuge, Crowninshield Island, Cape Poge Wildlife Refuge & Wasque Reservation, Coskata-Coatue Wildlife Refuge (Nantucket), Menemsha Hills Reservation. Contact: Gordon Abbott, Jr., director

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THOMPSON EDUCATION CENTER

U.S. ARMY CORPS OF ENGINEERS 86. New England Division 424 Trapelo Road Waltham, MA 02154 617/894-2400 8:00 a.m. to 4:30 p.m. Mon. to Fri. Specialties: Marine and coastal recreation, marine and coastal environments, boating, permitting, coastal planning. Objectives: Planning, design, construction, operation and maintenance of projects for navigation, beach erosion control, hurricane protection, flood control, streambank protection, urban developments, irrigation, emergency measures. Services: Technical and analytic services, legal information, regulatory enforcement, human health and environmental information. Contact: Division engineer, New England Division U.S. ENVIRONMENTAL PROTECTION AGENCY 87. John F. Kennedy Federal Building Boston, MA 02203 617/223-4704 8:30 a.m. to 5:00 p.m. Mon. to Fri. Objective: To assume responsibility for the federal government's major programs in air pollution, water pollution, solid waste management, noise control, drinking water protection, toxic substances control, pesticides and radiation. <u>Services:</u> Technical information, educational information, materials and services. Publishes "Environment News" newsletter. <u>Contact</u>: Paul G. Keough

88. U.S. FISH AND WILDLIFE SERVICE One Gateway Center Suite 700 Newton Corner, MA 02158 617/965-5100 7:30 a.m. to 4:00 p.m. Mon. to Fri. Specialties: Sports fisheries, conservation, coastal environment. **Objectives:** To protect the environment, to conserve the nation's birds, mammals and fish for recreational and esthetic values--for the enjoyment of all the people. Services: Technical information and services, educational materials, environmental information, and regulatory enforcement. Contact: Public affairs officer 89. U.S. GEOLOGICAL SURVEY Water Resources Division Suite 1001 150 Causeway Street Boston, MA 617/223-2822 8:30 a.m. to 5:00 p.m. Mon. to Fri. Specialty: Hydrology. Objective: To appraise and describe the quantity and quality of the nation's water resources. Services: Technical information and educational materials. Fees: Vary depending on computer costs, manpower costs and materials related to answering requests for hydrologic data. Minimum charge for answering each request for data: \$25. Estimates furnished on request. Contact: Ernest S. Denison

90. UNIVERSITY OF MASSACHUSETTS Aquacultural Development Laboratory 15A Main Street Wareham, MA 02571 617/295-6984 8:00 a.m. to 5:00 p.m. Mon. to Fri. May to Sept. Specialties: Aquaculture, marine and coastal environments, marine history, boating, shellfisheries and sports fisheries. Objectives: To contribute through education, public service and research to improvement of onshore fisheries and shellfisheries, establishment of aquacultural practices and preservation of environmental quality. Services: Technical information and services, limited analytic services, educational information and services, environmental information. Contact: Larry S. Turner, director 91. UNIVERSITY OF MASSACHUSETTS Massachusetts Cooperative Fishery Research Unit Holdsworth Hall Amherst, MA 01003 413/545-2011 Inquiries by letter preferred Specialties: Natural history, sports fisheries, coastal environment. **Objectives:** To provide an on-campus fisheries research component to the Fish and Wildlife Service, to facilitate the undertaking of joint of cooperative research projects that may be needed to answer state and federal fisheries management problems. Services: Technical information, limited capacity for extension responses. Contact: Dr. Roger J. Reed

92. UNIVERSITY OF MASSACHUSETTS Marine Station P.O. Box 128 Lanesville Station 932 Washington Street Gloucester, MA 01930 617/281-1930

No specific hours

<u>Specialties</u>: Commercial and sports fisheries, aquaculture, conservation, natural history, marine and coastal environments.

<u>Objectives</u>: To further education, research and public service related to marine science (including marine biology, chemistry, physics, ocean engineering, coastal resources).

Services:

Technical information and services, analytic services, educational information materials and services, human health and environmental information.

<u>Contact</u>: Dr. Christopher Martin, coordinator

93. UNIVERSITY OF MASSACHUSETTS Nantucket Field Station P.O. Box 756, Polpis Road Nantucket, MA 02554 617/228-9475

By appointment

<u>Specialties</u>: Marine and coastal environments, natural and maritime history, shellfisheries, conservation.

<u>Objectives</u>: Devoted to education, research and community service.

<u>Services:</u> Technical services, educational information and services, environmental information.

<u>Contact</u>: Dr. Wesley, N. Tiffney, director 94. UNIVERSITY OF MASSACHUSETTS Water Resources Research Center 211A Graduate Research Center Amherst, MA 01003 413/545-2842 Flexible hours Specialty: Water resources. **Objective:** To support and administer faculty research on water resources, to provide opportunities for graduate training, to disseminate research findings. <u>Services</u>: Technical information, educational materials, environmental information. Publishes "Digest of Current Research." Contact: Bernard B. Berger, director 95. WOODS HOLE OCEANOGRAPHIC INSTITUTION Woods Hole, MA 02543 617/548-1400 8:00 a.m. to 5:00 p.m. Mon. to Fri. Specialties: Aquaculture, marine and coastal environments, natural history, coastal planning. Objectives: To maintain a professional staff of marine scientists and support personnel in five basic disciplines (biology, chemistry, geology, and geophysics, ocean engineering, and physical oceanography) to pursue the science of the sea and to publish the results. Services: Graduate education program. Publishes "Oceanus" magazine, "Woods Hole Notes" newsletter, and technical reports. Private marine science laboratory. Contact: Vicky Cullen, public information representative

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Douglas Coughenower Extension Sea Grant Advisory Program Cranberry Station RFD 1, Box 7 East Wareham, MA 02538 617/295-2213

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