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AA Technical Memorandum EDS NODC-4



MARINE SCIENCE NEWSLETTERS—1975
AN ANNOTATED BIBLIOGRAPHY



National Oceanographic Data Center
Washington, D.C.
November 1975

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NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION

Environmental Data
Service

NOAA TECHNICAL MEMORANDA

EDS National Oceanographic Data Center Subseries

The National Oceanographic Data Center (NODC) of NOAA's Environmental Data Service (EDS) is the central U.S. repository for unclassified oceanographic data and related marine science information pertaining to the world's oceans, seas, and estuaries. The Center receives data and published information from both domestic and foreign sources, including national data centers of other countries and World Data Center A, Oceanography--the United States subcenter for oceanography in the World Data Center system. NODC compiles the National Marine Data Inventory, which contains information on quantities and types of data, areas of operations, and responsible personnel. NODC services include data processing, reproduction of data, preparation of data summaries and inventories, evaluation of data records, special literature searches, and provision of general marine sciences information.

NOAA Technical Memoranda in the EDS NODC subseries facilitate rapid dissemination of information that may be preliminary in nature and subject to formal publication elsewhere at a later date. Publications listed below are available from the National Technical Information Service, U.S. Department of Commerce, Sills Bldg., 5285 Port Royal Road, Springfield, Va. 22151. Prices vary for both paper copy and microfiche. Order by accession number shown in parentheses at end of each entry.

NOAA Technical Memoranda

- EDS NODC 1 Literature Search for Atmospheric Humidity Profile Models From the Sea Surface to 1000 Meters. Kenneth R. Avery, February 1972. (COM-72-10598)
- EDS NODC 2 Marine Science Newsletters--An Annotated Bibliography. March 1972. (COM-72-10353)
- EDS NODC 3 Marine Science Newsletters - 1973. An Annotated Bibliography. April 1973. (COM-73-11153)

NOAA Technical Memorandum EDS NODC-4

MARINE SCIENCE NEWSLETTERS—1975
AN ANNOTATED BIBLIOGRAPHY

Compiled by Charlotte M. Ashby

National Oceanographic Data Center
Washington, D.C.
November 1975

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UNITED STATES
DEPARTMENT OF COMMERCE
Rogers C. B. Morton, Secretary

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION
Robert M. White, Administrator

Environmental Data
Service
Thomas S. Austin, Director



INTRODUCTION

Newsletters are a popular means of disseminating information to the public. Over the past 10 years those relating to the marine sciences have tripled. The present publication includes 146 newsletters; in 1965 the first edition of this publication listed 45 newsletters.

Over this period of 10 years, a number of newsletters have been discontinued. However, new ones constantly appear. The Sea Grant and Marine Advisory Programs, in particular, have encouraged the publication of newsletters at local levels.

Some of the newsletters listed herein are not primarily marine-science oriented; however, they include information about marine science activities in respect to area covered or subject matter.

In Part I, the newsletters are listed alphabetically. Each citation includes title, name and address of publisher, frequency of publication, cost (if any), and annotations regarding content. Many of the publications are available free of charge to qualified users and are cited as being "free"; the criteria of qualifications are determined by the publisher.

Part II consists of indexes to publishers by type, such as Sea Grant, academic, or business; and an alphabetical list of publishers, indexed to the appropriate newsletter.

While every attempt has been made to include all pertinent newsletters, some may have been overlooked. If so please forward a sample for review and inclusion in a future revision of this publication.

The address is:

Technical Records Branch (D764)
National Oceanographic Data Center
Environmental Data Service
National Oceanic and Atmospheric Administration
U.S. Department of Commerce
Washington, D.C. 20235

PART 1: ALPHABETICAL LISTING OF NEWSLETTERS

AGID (Association of Geoscientists for International Development) NEWS. 1
L.A. Heindl, Editor, National Research Council, 2101 Constitution
Ave., NW., Washington, DC 20418. Irregular. Free.

News about national and international activities in the geosciences.
Marine-related activities are included. Also includes publication
announcements, personnel notes, a calendar of events, and letters
from readers.

AIR AND WATER NEWS. McGraw-Hill, Inc., 330 West 42d St., New York, NY 2
10036. Weekly. \$120 a year in the United States and Canada;
\$140 a year elsewhere.

News about environmental pollution: its occurrence, relevant acts
and laws, products for pollution control, and methods taken for
controlling pollution. The marine environment is included.

AIR/WATER POLLUTION REPORT. Business Publishers, Inc., P.O. Box 1067, 3
Blair Station, Silver Spring, MD 20910. Weekly. \$90 a year.

News about environmental pollution: its occurrence, relevant acts
and laws, products for pollution control, and methods taken for
controlling pollution. The marine environment is included.

ALASKA SEAS AND COASTS. University of Alaska, Alaska Sea Grant Program, 4
707 A St., Anchorage, AK 99501. Five issues yearly. Free

Published for the benefit of Alaska fishermen, it includes in-
formation about activities of commercial institutions and govern-
ment agencies concerned with the management of Alaska fisheries.

ALASKAN FISHERMAN. United Fishermen of Alaska, Box 191, Juneau, AK 5
99510. \$25 membership fee.

News especially about legal or political events affecting Alaska
fisheries.

AMERICAN LITTORAL SOCIETY NEWSLETTER. American Littoral Society, Sandy 6
Hook--Highlands, NJ 07732. Irregular. \$7.50 membership fee.

Society activities, programs, and plans including field trips, meet-
ings, and publications.

AMERICAN MALACOLOGICAL UNION, INC. NEWSLETTER. The American Malacolog- 7
ical Union, Inc. 3957 Marlow Ct., Seaford, NY 11783. Twice a
year. Free to members.

Society news including announcements of meetings, publications, and
activities of its affiliated organizations.

- AQUACULTURE. Jerden Industries, Inc., 1810 Seventh Ave., Seattle, WA 98101. Monthly. \$39 a year. 8
- News about fish farming activities including conference notes, and notes about ongoing and proposed experiments and research. Coverage is worldwide.
- AQUANOTES. Office of Sea Grant Development, Louisiana State University, Baton Rouge, LA 70803. Five times a year. Free. 9
- Information and news about Louisiana's wetland resources, Sea Grant activities, and related topics.
- AQUATIC MICROBIOLOGY NEWSLETTER. American Society for Microbiology, Division of Aquatic Microbiology. Samuel P. Meyers, Editor, Louisiana State University Station, P.O. Box 19090-A, Baton Rouge, LA 70803. 10
- Society news, job opportunities, publications, and meetings are announced.
- ASIAN OCEANOLOGIST. Pacific Business Associates, Ltd., C.P.O. less Box 1425, Tokyo 100-91, Japan. Monthly. \$65 a year. 11
- News about significant maritime events occurring in the Far East, the emphasis being on the development of natural resources.
- BOATING SAFETY NEWSLETTER. Safety Information Branch (G-BBE-1), Boating Education Division, Office of Boating Safety, U.S. Coast Guard Headquarters, Washington, DC 20590. Monthly. Free.
- Tips on boating safety, notices about training courses and navigation aids, news releases, pertinent articles, announcements about laws and regulations affecting boating, and related items.
- CINECA NEWSLETTER. Published for CINECA by the International Council for the Exploration of the Sea, Charlottenlund Castle, 2920 Charlottenlund, Denmark. Irregular. Exchange. 13
- News and reports relating to the international program - Cooperative Investigations of the Northern Part of the Eastern Central Atlantic, sponsored by the International Council for the Exploration of the Sea, the Intergovernmental Oceanographic Commission, the Food and Agriculture Organization of the United Nations, and others. The newsletter is published in two languages, French and English.

- CLEAN AIR AND WATER NEWS. Commerce Clearing House, Inc., 4025 North Peterson Ave., Chicago, IL 60646. Weekly. \$100. 14
- News about Federal, State, and local activities and activities of industrial concerns as they affect or relate to air and water. Marine projects and activities are included.
- CLEAN SLATE. Naval Construction Battalion Center, Port Hueneme, CA 93043. Irregular. Free. 15
- News about activities and services of the Naval Environmental Protection Support Service, which supports all levels of Navy Command with environmental quality information.
- CLEAN WATER REPORT. Business Publishers, Inc., P.O. Box 1067, Blair Station, Silver Spring, MD 20910. Biweekly. \$60 a year in the U.S. \$70 outside the U.S. 16
- News items about conservation, desalination, waste disposal, and pollution abatement.
- COASTAL POLLUTION RESEARCH HIGHLIGHTS. Pacific Northwest Environmental Research Laboratory, U.S. Environmental Protection Agency, 200 SW. 35th St., Corvallis, OR 97730. Irregular. Free. 17
- Reports on programs and progress of the National Coastal Pollution Research Program.
- COASTAL RESEARCH NOTES. V.J. Henry, Skidaway Institute of Oceanography, Savannah, GA 31406. Three times a year. \$3 domestic; \$4 foreign. 18
- News about meetings of domestic and international organizations doing research on shorelines, book and report announcements, news and articles about people working on shoreline projects and about events affecting shorelines throughout the world.
- COASTAL STUDIES INFORMATION COMMUNIQUE. Marine Advisory Program/Sea Grant Program, University of Southern California, Los Angeles, CA 90007. Bimonthly. Free. 19
- Designed for all individuals concerned with the coastal zone, it includes national as well as local news about issues or problems, articles on specific issues, features by guest columnists, and current literature searches on key issues.
- COASTAL ZONE MANAGEMENT. Nautilus Press, Inc., National Press Building, Washington, DC 20004. Monthly. \$135 a year. 20
- News about activities relating to the coastal zone including information about relevant laws, research activities ongoing and proposed, and publications of interest.

- COAST LINE LETTER. The Planning and Conservation League Foundation, 2145 Moreno Dr., Los Angeles, CA 90039. Biweekly. Free. 21
- Reports on the proceedings of the South Coast Regional Coastal Zone Conservation Commission of California. It is distributed by the Marine Advisory Program Sea Grant Program of the University of Southern California.
- COASTLINES. New York State Sea Grant Program, Fernow Hall, Cornell University, Ithaca, NY 14850. Monthly. Free. 22
- Focus is on articles and information of use in solving coastal problems. It also includes information about the Sea Grant program in New York.
- COLD CLIMATE RESEARCH HIGHLIGHTS. Arctic Environmental Research Laboratory, Environmental Protection Agency, College, AK 99701. Irregular. Free. 23
- News items about research activities at the Laboratory or of interest to the Laboratory. A major area of interest at present is the possible effects on the Arctic environment--land and marine--of recent oil drilling activities and the Trans-Alaska Pipeline System.
- COMMUNIQUE. AIDJEX, 4059 Roosevelt Way NE., Seattle, WA 98105. Irregular. Free. 24
- Reports on the progress and activities of AIDJEX, the Arctic Ice Dynamics Joint Experiment.
- CONSERVATION FOUNDATION NEWSLETTER. Conservation Foundation, 1717 Massachusetts Ave. NW., Washington, DC 20036. Monthly. \$10.00 a year. 25
- News about activities sponsored by the Conservation Foundation to conserve the environment including the marine environment, about Government and other activities that promote conservation, and about activities deleterious to the environment.
- CORAL REEF NEWSLETTER. Pacific Science Association, Scientific Committee on Coral Reefs. Address inquiries to Dr. H.H. Talbot, Editor, Coral Reef Newsletter, The Australian Museum, 6-8 College St., Sydney, 2000 Australia. Irregular. Free. 26
- Includes resumes of research activities as provided by interested organizations of scientists and announcements of and reports from meetings or symposia, especially meetings of the Scientific Committee on Coral Reefs.

- CRWR NEWS. Center for Research in Water Resources, University of Texas at Austin, Balcones Research Center, Rt. 4, Box 189, Austin, TX 78757. Quarterly. Free 27
- News about the activities and projects undertaken by the Center, personnel, courses offered, publications available, and project events.
- CSK NEWSLETTER. Japan Oceanographic Data Center, Hydrographic Department, Maritime Safety Agency, Tokyo, Japan. Monthly. Exchange. 28
- News and activities relating to the international program, Cooperative Study of the Kuroshio and Adjacent Regions, sponsored by the Intergovernmental Oceanographic Commission. Important to the newsletter are the cruise reports now reported on the recently accepted ROSCOP (Report of Observations/Samples Collected by Oceanographic Programs) forms, which are reproduced in the newsletter.
- CUEA NEWSLETTER. CUEA National Coordination Center, Duke University Marine Laboratory, Beaufort, NC 28516. 29
- Successor to CUE NOTES, formerly published by the School of Oceanography, Oregon State University. The CUEA (Coastal Upwelling Ecosystems Analysis) NEWSLETTER is designed to keep program personnel and other interested persons informed about major events and accomplishments of the project. In addition to news about events, meetings, and personnel, it includes short articles from participants. CUEA is a program under the IDOE (International Decade of Oceanographic Exploration), supported by the National Science Foundation.
- CURRENTS. Sea Grant Communications, 418 Administration Building, Oregon State University, Corvallis, OR 97331. Every 2 or 3 months. Free. 30
- Articles of interest to Oregon's commercial fishermen and news about Oregon's Sea Grant and Marine Advisory programs. Recent publications are listed.
- DATA BUOY TECHNICAL BULLETIN. National Oceanic and Atmospheric Administration, NOAA Data Buoy Office, National Space Technology Laboratories, Bay St. Louis, MS 39520. Quarterly. Free. 31
- Information about data buoy technology and application including buoys developed by the NOAA Data Buoy Office and other buoys; and on projects or programs utilizing buoys.

- ECOLOG. Logical Ecology, Inc., P.O. Box 184, Oyster Bay, NY 11771. 32
Weekly. \$200 a year.
- News about the environment, such as pertinent laws, economics, technological breakthroughs, consultants, and Federal contracts and sources. The marine environment is included.
- ECO/LOG WEEK. Corpus Services, 6 Crescent Rd., Toronto, Ontario 33
Canada. Weekly. \$110 a year (reduced rates for additional copies).
- News about events, legislation, products, patents and processes, and literature relating to ecology, including marine activities. United States activities as well as Canadian are included.
- EDS. Environmental Data Service, National Oceanic and Atmospheric 34
Administration, U.S. Department of Commerce, Washington, DC 20235.
Bimonthly. Free.
- News about geophysical, atmospheric, and oceanographic programs and data information services available from the components of the Environmental Data Service, including the Center for Experiment Design and Data Analysis, the Environmental Science Information Center, the National Climatic Center, the National Oceanographic Data Center, the National Geophysical and Solar-Terrestrial Data Center, and the Center for Climatic and Environmental Assessment.
- ENVIRONMENT REPORT. Trends Publishing, Inc., National Press Building, 35
Washington, DC 20004. Twice a month. \$60 a year.
- Current events relating to the environment, including the marine environment. Contract and grant actions, conferences, and publications are listed. Publisher also cites trends in actions regarding the environment.
- ENVIRONMENT REPORTER. Bureau of National Affairs, Inc., 1231 - 25th 36
St. NW., Washington, DC 20037. Weekly. \$280 a year.
- Current events relating to pollution and its control are related, usually by area or State. Pertinent laws, meetings, and contract awards and grants are cited. The marine environment is included.
- ENVIRONMENTAL RESOURCE. Massachusetts Department of Natural Resources, 37
Division of Conservation Services, Leverett Saltonstall Building,
100 Cambridge St., Boston, MA 02202. Twice a month. Free.
- News and articles relating to environmental resources in Massachusetts. Marine fisheries, coastal zone management, and marine pollution are among the topics discussed.
- EPA CITIZEN'S BULLETIN. U.S. Environmental Protection Agency, Washing- 38
ton, DC 20460. Monthly. Free.

News about activities and events relating to and affecting the environment, and methods taken to control or prevent activities harmful to the environment. The marine environment is included.

EXPOSURE. c/o Dr. Rod Mesecar, School of Oceanography, Oregon State University, Corvallis, OR 97331. Bimonthly. Free. 39

Designed for ocean technologists, EXPOSURE consists of articles about instruments and techniques for ocean exploration and engineering. A column on problems and their solutions is included. Contributions are invited. It is also available from the National Technical Information Service.

FATHOM LINE. Marine Resources Center, South Carolina Wildlife and Marine Resources Department, P.O. Box 12559, Charleston, SC 29412. Bimonthly. Free. 40

News about South Carolina's Sea Grant Program and activities that affect the program.

FISHERY INFORMATION BULLETIN. National Cannery Association, 1133 20th St. NW., Washington, DC 20036. Weekly. Available to members of the Association. 41

Information relating to fishery products. Includes notices of meetings, Federal activities, legislative actions and proposed actions, and marketing news.

FLASHES. National Fisheries Institute, 1730 Pennsylvania Ave. NW., Washington, DC 20006. Irregular. Available to members. 42

Institute news and notes about legislation affecting the fishing industry.

FLORIDA CONSERVATION NEWS. State of Florida Department of Natural Resources, 202 Blount St., Tallahassee, FL 32301. Monthly. Free. 43

News about events relating to natural resources in Florida, their use and their conservation. Coastal zone and marine activities predominate.

GATE NEWS. U.S. Gate Project Office, NOAA, Code EA-6, 6010 Executive Blvd., Rockville, MD 20852. Irregular. Free. 44

Reports on activities and progress of GATE, the Global Atmospheric Research Program's (GARP) Atlantic Tropical Experiment. Included are plans, changes in plans, ship operation notes, and meeting announcements and summaries.

GEOSCIENCE INFORMATION SOCIETY NEWSLETTER. American Geological Institute, 45
2201 M St. NW., Washington, DC 20037. Irregular. Available to
Society members.

News about professional activities of Society members and about
programs of the Society, many of which concern the marine envi-
ronment.

GRAPEVINE. Geophysical Services, Inc., address inquiries to the Editor, 46
The Grapevine, P.O. Box 5621, M.S. 938, Dallas, TX 75222. Bimonthly.
Free.

News about company activities and personnel.

GREAT LAKES NEWS LETTER. Great Lakes Commission, Institute of Science 47
and Technology Building, 2200 Bonisteel Blvd., Ann Arbor, MI
48105. Bimonthly. Free

News about activities of the Commission and other activities per-
taining to the Great Lakes. Current references to pertinent pub-
lications appear regularly.

HARBOR TIDES. Sea Grant, Grays Harbor College, Aberdeen, WA 90520. 48
Bimonthly. Free.

Published for use of commercial fisheries people in the Grays Harbor
and Willapa Bay area. Includes news, information about legislative
matters, navigation information, and tips on more effective boat
handling and fishing techniques.

HYDROCARBONS IN AQUATIC ECOSYSTEMS NEWSLETTER. Bermuda Biological Sta- 49
tion, St. George's West, 1-15 Bermuda. Irregular. Free.

Announcements of meetings, cruises, publications, and relevant
news items are included.

IDOE INTER-UNIVERSITY FERROMANGANESE PROGRAM NEWSLETTER. c/o Robert 50
Gerard, Coordinator, Inter-University Ferromanganese Program,
Lamont-Doherty Geological Observatory, Palisades, NY 10964.
Irregular. Free.

Reports on the progress of the program and announces meetings and
publications of interest.

IMS NEWSLETTER. Editor, IMS Newsletter, Division of Oceanography 51
UNESCO, 7 Place de Fontenoy, 75700, Paris, France. Quarterly. Free.

News about international marine science-related projects, programs,
and activities and about national programs that might be of inter-
est to the international community.

- INFORMATION BULLETIN. Pacific Science Association, Bernice P. Bishop Museum, P.O. Box 6037, Honolulu, HI 96818. Bimonthly. Free. 52
- Reports on research activities and proposed activities in the Pacific area. Marine science activities are included. Symposia and conferences are announced or reported.
- INFORMATION NORTH. Arctic Institute of North America, 3458 Redpath St., Montreal 109, Quebec, Canada. Quarterly. Free. 53
- News and articles about projects and activities in the Arctic, many of which are marine related. Included also are announcements of meetings and publications, and book reviews.
- INTERFACE. Plessey Environmental Systems, 3939 Ruffin Rd., San Diego, CA 92123. Quarterly. Free. 54
- Reports on activities undertaken by the organization in environmental research, including oceanography. Emphasizes use of instruments developed by the Corporation, with special emphasis on the salinity/temperature/depth device.
- INTERNATIONAL TSUNAMI INFORMATION CENTER NEWSLETTER. International Tsunami Information Center (ITIC), P.O. Box 3887, Honolulu, HI 96812. Irregular. Free. 55
- Information about tsunamis and especially of methods to predict them, activities of the ITIC, and events affecting the Center.
- LERNER MARINE LABORATORY NEWSLETTER. Lerner Marine Laboratory, Bimini, Bahamas. (Send requests to Office of the Deputy Director for Research, American Museum of Natural History, 79th St., and Central Park West, New York, NY 10024.) Irregular. Free. 56
- Reports on investigations undertaken at the Laboratory, activities of personnel, and visitors.
- LITTORAL LINES. Battelle Memorial Institute, 505 King Ave., Columbus, OH 43201. Monthly. Free. 57
- News about research in ocean science and marine technology. Includes notes about people, publications, and meetings.
- LOUISIANA COASTAL LAW. Sea Grant Legal Program. Louisiana State University, 340 Law Center, Baton Rouge, LA 70803. Irregular. Free.
- News about coastal zone management activities in Louisiana, with emphasis on the legal uses of the coastal zone.

MACID NEWSLETTER. Marine Sciences Instrumentation Division, Instrument Society of America, Society Headquarters, 530 William Penn Pl., Pittsburgh, PA 15219. Irregular. Available to Society members. 59

Information about activities of the Society and news about events relating to marine science instrumentation, people involved with instrumentation, pertinent meetings, and related publications.

MAINE STREAM. Land and Water Resources Institute, University of Maine at Orono, 11 Coburn Hall, Orono, ME 04473. Bimonthly. Free. 60

News about activities of the Institute and about National activities of interest to scientists and other activities relating to local Maine interests.

MARIC BULLETIN. Marine Resources Information Center, MIT Sea Grant Program, Massachusetts Institute of Technology, Room 5-331, Cambridge, MA 92139. Bimonthly. Free. 61

News about acquisitions, activities, and services furnished by the Center and other related information on marine research activities at the Massachusetts Institute of Technology.

MARINE ADVISORY PROGRAM NEWSLETTER. Cooperative Extension Service--USDA, University of Florida, Institute of Food and Agricultural Sciences, Gainesville, FL 32611. Monthly. Free. 62

A Florida Sea Grant publication, the newsletter includes news about Sea Grant and other activities pertaining to Florida's coastal marine areas. It lists available publications, announces meetings and other events, and includes information about people.

MARINE ADVISORY PROGRAMS NEWSLETTER. University of California Marine Advisory Program, Department of Animal Physiology, 188 Briggs Hall, University of California, Davis, CA 95616. Bimonthly. Free 63

News about the marine advisory programs and especially about the California program and news events of interest to California's marine scientists and fishermen. Includes a list of available publications.

MARINE ADVISORY SERVICE NEWSLETTER. Marine Advisory Service, University of Rhode Island, Narragansett Bay Campus, Narragansett, RI 02882. Monthly. Free. 64

A Sea Grant-sponsored publication containing news of interest to local fishermen and information about activities of the marine scientists at the University of Rhode Island. Lists of publications are included.

- MARINE AFFAIRS. Sea Grant Program, Allan Hancock Foundation, University of Southern California, University Park, Los Angeles, CA 90007. Free. 65
- News about the Sea Grant activities at the University of Southern California.
- MARINE ECOLOGY RESEARCH HIGHLIGHTS. Environmental Protection Agency, National Marine Water Quality Laboratory, South Ferry Rd., Narragansett, RI 02882. Irregular. Free. 66
- Reports on research activities at the Laboratory.
- MARINE FISH MANAGEMENT. Nautilus Press, 1056 National Press Building, Washington, DC 20004. Monthly. \$47.50 a year. 67
- A new (1975) publication of Nautilus Press, the newsletter includes information about Federal activities, Federal and international laws regulating fisheries, pertinent news items, new publications, and meetings.
- MARINE INFORMATION TRANSMITTER. MIT Sea Grant Program, Rm 3-282, Massachusetts Institute of Technology, Cambridge, MA 02139. Every 6 to 8 weeks. Free. 68
- News about marine science activities at the Massachusetts Institute of Technology and of related Sea Grant activities.
- MARINE MAMMAL NEWS. Nautilus Press, 1056 National Press Building, Washington, DC 20045. Monthly. \$35 a year. 69
- News about activities pertaining to marine mammals, particularly existing and proposed legislative and Federal actions.
- MARINE MAN. Memorial University of Newfoundland, St. John's, Canada. Quarterly. Free. 70
- Designed primarily for students, the newsletter focuses on announcement of new publications, meetings, programs, current trends, and research activities of interest to students working in the area of marine/human adaptations. News items are worldwide and not limited to Newfoundland.
- MARINE NEWSLETTER. Coastal Plains Center for Marine Development Services, 1518 Harbor Dr., Wilmington, NC 28401. Biweekly. Free. 70a
- News about marine activities of interest to or within North and South Carolina and Georgia. Information about recent publications is often included, and meetings of interest are announced.

- MARINE RESOURCE INFORMATION BULLETIN, Virginia Institute of Marine Sciences, Gloucester Point, VA 23062. Bimonthly. Free. 71
- Reports on resources in the marine areas of Virginia and other topics of interest to fishermen. Of particular interest are reports on the quality and quantity of oysters and locations of oyster shellstring survey stations. This is a Sea Grant Advisory Service publication.
- MARINE RESOURCES ADVISORY SERIES. Virginia Institute of Marine Sciences, Gloucester Point, VA 23062. Irregular. Free. 72
- Published as a part of the Sea Grant Advisory Project. Each issue consists of a topical report on a marine resource of interest to Virginia fishermen.
- MARINE RESOURCES DIGEST/MARINE BIOLOGY DIGEST. Girard Associates, Inc., Box 404, Mt. Arlington, NJ 07856. Monthly. \$40 a year. 73
- Reports on current events relating to marine sciences, including activities undertaken by marine research institutions and by individual marine scientists, as well as new products and recent publications.
- MARINE SCENE. Douglas Coughenower, Extension Area Marine Agent, P.O. Box 338, Palmetto, FL 33561. 74
- A Marine Advisory Program Newsletter, published under the sponsorship of the Florida Cooperative Extension Service, the newsletter is directed toward coastal residents and fishermen in the five southwest Florida counties. It includes news and information about ongoing activities, new publications, tips for marine resource users, meetings, and Federal and State activities of interest.
- MARINE SCENE - PANHANDLE EDITION. Jeffrey Fisher, Extension Area Marine Agent, 301 McKenzie Ave., Panama City, FL 32401. Irregular. Free. 75
- A Marine Advisory Program newsletter, published under the sponsorship of the Florida Cooperative Extension Service, this edition is directed toward coastal residents and fishermen in the nine counties along Florida's northwestern coast. It contains the same type of information as the Marine Scene, entry 74.
- MARINE TECHNOLOGY SOCIETY, LOS ANGELES REGION SECTION. Marine Technology Society, Los Angeles Section, P.O. Box 227, Northridge, CA 91325. Monthly. Free. 76

News about Society activities in the Los Angeles region and items about current events and legislative actions affecting marine sciences in that area.

MARTEK MARINER. Martek Instruments, Inc., 879 West 16th St., Newport Beach, CA 92660. Irregular. Free. 77

Descriptive articles about current marine research programs, data collection methods, and marine science instruments.

MML NEWSLETTER. Mote Marine Laboratory, 9501 Blind Pass Rd., Sarasota, FL 33581. Irregular. Free. 78

Reports on activities being undertaken by the Laboratory, which is especially concerned with shark research.

MODE HOT LINE NEWS. Woods Hole Oceanographic Institution, Woods Hole, MA 02543. Biweekly. Free to qualified users. 79

News about activities pertaining to MODE (Mid-Ocean Dynamics Experiment), one of the programs under the IDOE (International Decade of Oceanographic Exploration). Also includes brief articles contributed by the MODE investigators. Published by Woods Hole Oceanographic Institution with support from the IDOE program of the National Science Foundation and the Office of Naval Research.

MOSS LANDING MARINE LABORATORIES NEWS. Sea Grant Advisory Services, Moss Landing Marine Laboratories, P.O. Box 223, Moss Landing, CA 95039. Bimonthly. Free. 80

News of the study and use of the oceans with emphasis on studies carried on by the Laboratories. Announcements of meetings and new publications and seafood recipes are also included.

NAI NEWS. Normadeau Associates, Inc., 686 Mast Rd., Winchester, NH 03102. Quarterly. Free. 81

Information about capabilities and activities of Normadeau Associates in environmental research, much of which are in the marine environment.

NAUI NEWS. National Association of Underwater Instructors, Headquarters, 22809 Barton Rd., Grand Terrace (Colton), CA 92324. 9 to 12 issues a year. \$18 domestic, \$20 foreign. 82

News about diving activities and marine science research projects of interest to divers.

- MARINE RESOURCES INFORMATION. NEMRIP (New England Marine Resources Information Program), University of Rhode Island, Narragansett Bay Campus, Narragansett, RI 02822. Monthly. Free. 83
- News and articles relating to marine science research activities in New England with notes about meetings and publications of interest to marine scientists in the area.
- NEWS RELEASE, D.S.D.P. Scripps Institution of Oceanography, University of California, La Jolla, CA 92037. Irregular. Free. 84
- News about ongoing activities of the Deep Sea Drilling Project, including schedules, sites proposed for drilling, personnel, discoveries, and problems.
- NEWSLETTER. American Shore and Beach Preservation Association, 10 Rickenbacker Causeway, Miami, FL 33149. Bimonthly. Free. 85
- News about events and activities affecting beaches and shorelines, and methods taken to prevent or control erosion; also includes news about relevant meetings and publications.
- NEWSLETTER. Association of Sea Grant Program Institutions Secretariat, Graduate School of Oceanography, University of Rhode Island, Kingston, RI 02881. Monthly. Available to Association members. 86
- News about actions affecting the Sea Grant program and about institutions involved in the program. Information about actions at the Federal level predominates.
- NEWSLETTER. Aquacultural Engineering Laboratory, University of Massachusetts at Wareham, 15A Main St., Wareham, MA 02571. Irregular. Free. 87
- Designed for the shellfisherman in the New England States, the newsletter describes activities, programs, and projects undertaken at the Laboratory. Publications are listed.
- NEWSLETTER. Bermuda Biological Station, St. Georges West, 1-15 Bermuda. Quarterly. Free. 88
- News about research activities and programs undertaken at the Station. Meetings and publications are announced.

NEWSLETTER. Center for Dredging Studies, Department of Civil Engineering, Texas A&M University, College Station, TX 77843. Irregular. Free. 89

Information about the Center's activities, including research programs, courses, publications, and personnel.

NEWSLETTER. Coastal Coordinating Council, Department of Natural Resources, State of Florida, 309 Magnolia Office Plaza, Tallahassee, FL 32301. Monthly. Free. 90

News about coastal zone matters in Florida and in other States and other news of interest to persons involved in coastal zone activities. Lists of publications issued by the Council and significant publications received by it are included.

NEWSLETTER. Florida Cooperative Extension Service, Marine Advisory Program/Sea Grant Program, G022 McCarty Hall, University of Florida, Gainesville, FL 32611. Bimonthly. Free. 91

News of interest to fishermen and others involved in Florida's marine areas and about the Sea Grant program in Florida. Meetings of interest are announced, and available publications are listed.

NEWSLETTER OF THE AMERICAN FISHERIES SOCIETY. American Fisheries Society, Fourth Floor Suite, 1319-18th St. NW., Washington, DC 20036. Bimonthly. Limited to Society members. 92

News about activities of the Society and its several divisions and about national and international agencies and programs that deal with fisheries and the fishing industry. Proposals made at conventions of the Society and related organizations are also presented.

NEWSLETTER. Sea Grant Program. University of North Carolina, 1235 Burlington Laboratories, North Carolina State University, Raleigh, NC 27607. Monthly. Free. 93

News about North Carolina's Sea Grant Advisory Service.

NEWSLETTER. Sea Grant, University of California, Institute of Marine Resources, Box 1529, La Jolla, CA 92037. Bimonthly. Free. 94

News about Sea Grant and other activities relating to the California coastal area. Includes brief reports on programs, lists of publications, and notices of meetings and other events.

- NEWSLETTER. Southern New England Marine Sciences Association, c/o Stuart O. Hale, Graduate School of Oceanography, University of Rhode Island, Kingston, RI 02881. Irregular. Free. 95
- Activities of the Association and its members; news about other marine research activities of interest to the membership.
- NEWSLETTER OF THE COOPERATIVE INVESTIGATIONS IN THE MEDITERRANEAN (CIM). The International Coordinator and The Operational Unit, 16, Bd. de Suisse, MC-Monte-Carlo, Monaco. Irregular. Exchange. 96
- Includes descriptions of subprograms, reports on meetings, reports from national coordinators, resumes of individual cruises, and related articles. The newsletter is a more formal presentation than most newsletters.
- NOAA WEEK. National Oceanic and Atmospheric Administration, U.S. Department of Commerce, Rockville, MD 20852. Weekly. Free. 97
- Articles relating to a special research activities, particularly those in which NOAA staff members participate, and staff news. Seafood recipes frequently appear.
- NORPAX HIGHLIGHTS. Scripps Institution of Oceanography, La Jolla, CA 92037. Bimonthly. Free. 98
- News about NORPAX, the North Pacific Experiment, an IDOE (International Decade of Oceanographic Exploration) program to survey the large-scale oceanic atmospheric systems in the entire North Pacific. Short articles, lists of new publications, and illustrations are included.
- NORTH CAROLINA SEA-GRANT NEWSLETTER. Sea Grant Program, School of Public Health, University of North Carolina, Chapel Hill, NC 27514. Monthly. Free. 99
- An indexed list of reports relating to Sea Grant activities or compiled at Sea Grant institutions and deposited in the William Madison Randall Library at the University of North Carolina at Wilmington.
- NORTHWEST CURRENTS. Oceanographic Institute of Washington, 312 First Ave. North, Seattle, WA 98109. Bimonthly. Free. 100
- Lists of marine research projects currently in progress in the State of Washington. Plans call for the preparation of annual compendium that will be cross-indexed by organization, investigator, subject, and area.

- NISA NEWS. National Security Industrial Association, Union Trust Building, 15th & H Sts. NW., Washington, DC 20005. Bimonthly. Free. 101
- Includes information about OSTAC activities (Ocean Science and Technology Advisory Committee of NSIA). Most information in this newsletter is not marine related.
- NYOSL NEWSLETTER. New York Ocean Science Laboratory, Montauk, NY 11954. 102
- News of interest to colleges and universities affiliated with the NYOSL.
- OCEAN AFFAIRS LOG. Ocean Affairs Board, National Academy of Sciences, 2101 Constitution Ave. NW., Washington, DC 20418. Irregular. Free. 103
- Information about activities of the Ocean Affairs Board (OAB) and oceanographic activities and projects at the national and international levels. A frequent column "Pelagic Oceanographers" provides information on new assignments of prominent oceanographers. New OAB publications and others of interest are announced.
- OCEAN LAW MEMO. Ocean Resources Law Program, University of Oregon Law School, Eugene, OR 97403. Irregular. Free. 104
- Separate articles about topical legal questions relating to uses of the oceans. The Ocean Resources Law Program is a part of the Sea Grant Program.
- OCEAN OIL WEEKLY REPORT. Petroleum Publishing Co., P.O. Box 1941, Houston, TX 77001. Weekly. \$70 a year in the United States; \$90 a year elsewhere. 105
- News of exploration for and production of petroleum in marine areas throughout the world. Current events relating to the offshore petroleum industry and information about company activities are included.
- OCEAN PRODUCT NEWS. Chandler Publishing Co., P.O. Box 45037, Chicago, IL 60645. Quarterly. Free. 106
- News about marine products and instruments, companies with oceanographic interests, and literature relating to companies and/or products. A request card enabling users to obtain information or literature with ease is included.

- OCEAN SCIENCE AND ENGINEERING NEWSLETTER. Ocean Science and Engineering Inc., 1601 Water St., Long Beach, CA 90802. Quarterly. 107
Free.
News about company activities in ocean science and engineering.
- OCEAN SCIENCE NEWS. Nautilus Press, Inc., National Press Building, 108
Washington, DC 20004. Weekly. \$188 a year.
News about current marine science activities, mainly from a political standpoint.
- OCEAN SCIENCE ON STATION. Nautilus Press, Inc., National Press Building, 109
Washington, DC 20004. Accompanies OCEAN SCIENCE NEWS.
A fact sheet supplementing Ocean Science News, with news about current events, company activities, contracts, publications, and products.
- OCEAN SOUNDINGS. Marine Technology Society/American Society for Oceanography, 1730 M St. NW., Washington, DC 20036. Monthly. Free 110
to members.
Inserted in THE MARINE TECHNOLOGY SOCIETY JOURNAL, OCEAN SOUNDINGS includes information about the Society, its members, and activities of interest to the membership. It is especially concerned with meetings of the Society.
- OCEANIC GAME FISH INVESTIGATIONS NEWSLETTER. Southeast Fisheries Center, National Marine Fisheries Service, NOAA, Miami, FL 33149. 111
Annual. Free.
An annual report on gamefish research conducted by the Southeast Fisheries Center with tables giving catch data.
- PACIFIC NORTHWEST SEA. Oceanographic Commission of Washington, 312 112
First Ave. North, Seattle, WA 98109. Quarterly. Free.
News and articles about marine science activities in the State, events that might be of interest to local scientists, recommendations for research projects, announcements of activities and forthcoming events, and news about individual scientists.
- PHYCOLOGICAL NEWSLETTER. Phycological Society of America, c/o Norma J. 113
Long, Botany Department, University of California, Davis, CA 95616. Irregular. Free.
News about events sponsored by the Society and activities of members. Especially concerned with the alga and seaweed symposia.

- POLLUTANT IDENTIFICATION RESEARCH HIGHLIGHTS. Southwest Environmental Research Laboratory, Environmental Protection Agency, College Station Rd., Athens, GA 30601. Irregular. Free. 114
- News items about current research in pollutant identification.
- QUALITY OF COASTAL WATERS PROJECT BULLETIN. Sea Grant Program, Water Resources Research Center, University of Hawaii, Honolulu, HI 96816. Monthly. Free. 115
- Reports summarizing results of research activities relating to the project.
- SALMON NEWSLETTER. California Department of Fish and Game, Ocean Salmon Project, P.O. Box 47, Yountsville, CA 94559. Monthly. Free. 116
- Designed for salmon fishermen of California. Includes information about catch statistics; programs for conservation; and legislative, proposed, and regulatory actions.
- SCIENCE AND ENGINEERING NEWS FROM NOAA (SEN). National Oceanic and Atmospheric Administration, U.S. Department of Commerce, Rockville, MD 20852. Irregular. Free. 117
- Each issue contains an article relating to a current scientific or engineering project. Marine scientific projects are often covered.
- SCOSC PELICAN. Murray D. Dailey, Director, Southern California Ocean Studies Consortium, P.O. Box 570, 925 Harbor Plaza, Long Beach, CA 90801. Irregular. Free. 118
- News of activities involving the Consortium and especially about its members and their research activities.
- SEA BREEZES. Save Our Seas Newsletter, 245 2nd St. NE., Washington, DC 20005. Bimonthly. Free. 119
- News about activities relating to conservation and good management of the oceans.
- SEA GRANT NEWSLETTER. University of Hawaii, Sea Grant Publications, Room 253, Spalding Hall, Honolulu, HI 86822. Monthly. Free. 120
- News about marine science activities in Hawaii, including information about research activities, people, legislative actions, and especially the Sea Grant program.

- SEA GRANT NEWSLETTER. Cooperative Extension Service, Mississippi State University, Box 4557, Biloxi, MS 39531. Irregular. Free. 121
- A Sea Grant Advisory Service publication compiled for the Mississippi-Alabama Sea Grant Consortium and others. Contains news of interest to gulf coast fishermen and about activities of the Consortium.
- SEA GRANT 70's. Sea Grant Program Office, Texas A&M University, College Station, TX 77843. Monthly. Free. 122
- News about coastal zone activities and the participation of Sea Grant offices in these activities. A special feature of each issue is a list of new Sea Grant publications with abstracts.
- SEAHORSE. Hydro Products, a Tetra Tech Company, P.O. Box 2528, San Diego, CA 92112. Irregular. Free. 123
- News about marine science activities, particularly those involving a product of the Corporation, and news about products available from the Corporation.
- SEASCOPE. John M. King, Editor, c/o Aquarium Systems, Inc., 33208 Lakeland Blvd., Eastlake, OH 44094. Four times a year. Free to customers. 124
- News and articles about aquaculture projects and problems in maintaining aquatic organisms in closed circulation systems. Book reviews, publication announcements, and new product information are included.
- SFI BULLETIN. Sport Fishing Institute, 608 - 13th St. NW., Washington, DC 20005. Bimonthly. Free. 125
- News of interest to sport fishermen, including information about meetings, legal matters, conservation measures and management of fishing areas, and pertinent publications.
- SHOALS MARINE LAB NEWSLETTER. Shoals Marine Laboratory, P.O. Box 778, Portsmouth, NH 03801. Irregular. Free. 126
- News about the activities of the Laboratory that is sponsored by Cornell University, The University of New Hampshire, and The State University of New York. Conservation of the coastal zone is a major item of interest.
- SIGHTINGS. The Mariners Press Incorporated, P.O. Box 540, Boston, MA 02117. Bimonthly. Free. 127

Describes books available from Mariners Press that relate to diving, marine life, treasure hunting, shipwrecks, ocean sciences, salvage, and other pertinent topics.

TAR HEEL COAST. North Carolina Department of Conservation and Development, P.O. Box 27687, Raleigh, NC 27611. Monthly. Free. 128

News about marine science activities in North Carolina, with emphasis on fishing activities.

TEXAS LAW INSTITUTE REPORTER. Texas Law Institute of Coastal and Marine Resources, College of Law, University of Houston, Houston, TX 77004. Irregular. Free. 129

News relating to legal matters affecting the Texas coast. Announcements of meeting and publications of interest are included. The newsletter is sponsored in part by the Sea Grant Program at Texas A&M University.

TEXAS TRAWLER. Texas A&M University, Sea Grant Program, Rangell Nickelson II, Seafood Technology Specialist, Faculty Mail Service, P.O. Box 155, College Station, TX 77843. Irregular. Free. 130

News about current research, laws and regulations, equipment and meetings of interest to commercial and sports fishermen, seafood processors, and consumers.

TRIDENT. Marine Advisory Extension Service, Sea Grant, Humboldt California State University, Arcata, CA 95221. Quarterly. Free. 131

News about events, projects, and services of interest to local fishermen.

TRIGOM COMMUNICATIONS. TRIGOM: The Research Institute of the Gulf of Maine, 96 Falmouth St., Portland, ME 04103. Quarterly. Free. 132

News about activities of the institutions composing TRIGOM and of other agencies of interest to the community.

TUNA NEWSLETTER. Southwest Fisheries Center, National Marine Fisheries Service, 8604 La Jolla Shore Dr., La Jolla, CA 92037. Irregular. Free. 133

News of interest to tuna fishermen including notes about scientific research, fisheries assessments and catches, foreign fisheries programs, Atlantic tuna programs, and publications of interest.

26°N 80°W. Dorothy H. and Lewis Rosenstiel School of Marine and Atmospheric Sciences, University of Miami, 10 Rickenbacker Causeway, Miami, FL 33149. Irregular. Free.

134

News about the marine science activities and educational programs of the school.

UNDERWATER LETTER. Callahan Publications, P.O. Box 3751, Washington, DC 20007. Three times a month. Rates upon request.

135

Reports on marine science activities, especially those of the Federal Government. Descriptions of marine research facilities are often included. A supplement, entitled "Hydrogram", containing intelligence briefings about marine scientists, new publications, new products and processes, and contract awards is attached to each issue.

UNITED STATES DEPARTMENT OF COMMERCE NEWS (NOAA SERIES). U.S. Department of Commerce, Washington, DC 20230. Irregular. Free.

136

Each issue consists of a single news item about a current activity of one of the major components of NOAA, which includes the Environmental Data Service, the National Ocean Survey, the National Marine Fisheries Service, the Environmental Research Laboratories, the National Weather Service, and NESS.

UNIVERSITY AND THE SEA. Texas A&M University Sea Grant Program, W.T. Doherty Building, College Station, TX 77843. Bimonthly. Free.

137

News about marine research activities, principally those in the Gulf of Mexico. Includes information about people, publications, and meetings.

UPDATE. Teledyne Hastings-Raydist, Hampton, VA 23361. Monthly. Free.

138

News about Raydist Systems and operations.

URI COMMERCIAL FISHERIES NEWSLETTER. Department of Fisheries and Marine Technology, College of Resource Development, University of Rhode Island, Available through the Editor, NEMRIP, University of Rhode Island, Narragansett, RI 02882. Bimonthly. Free.

139

Information on commercial fisheries in the Rhode Island waters and on marine science activities affecting the fisheries. Supported by the URI Cooperative Extension Service and URI Marine Advisory Service.

- USC MARINE AFFAIRS. Sea Grant Program, University of Southern California, University Park, Los Angeles, CA 90007. Monthly. Free. 140
- News about Sea Grant Programs in general and specifically the program at the University. Includes information about publications produced by the Sea Grant Program.
- VIRGINIA MARINE TIMES. Sea Grant Advisory Services Project, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061. Quarterly. Free. 141
- An advisory newsletter for fisheries personnel in Virginia. Includes news about commercial fisheries activities in Virginia and national news of interest to Virginia fishermen.
- WASHINGTON LETTER OF OCEANOGRAPHY. Sea Technology Magazine, 1117 North 19th St., Arlington, VA 22209. Biweekly. \$32 a year. 142
- News and remarks about activities of the Federal Government in marine sciences and other items of general interest.
- WATER NEWSLETTER. Water Information Center, Inc., 44 Sintsink Dr., East, Port Washington, Long Island, NY 11050. Twice a month. United States and Canada \$36; Foreign \$42. 143
- Information about water supply and conservation and waste disposal as it relates to water. Although not marine oriented, it includes information about marine areas.
- WOODS HOLE NOTES. Woods Hole Oceanographic Institution, Woods Hole, MA 02543. Biweekly. Free 144
- Specializes in activities of the Woods Hole staff. To date, the lead article in all but one issue has been a biographical sketch of a staff oceanographer.

PART II: INDEXES

INDEX TO NEWSLETTERS BY TYPE OF PUBLISHER

- Academic Institutions: 4, 9, 18, 19, 27, 29, 30, 39, 48, 50, 58, 60,
61, 62, 63, 64, 65, 68, 71, 72, 74, 75, 79,
80, 83, 84, 86, 87, 89, 91, 93, 94, 98, 99,
102, 104, 115, 120, 121, 122, 126, 129, 130,
131, 134, 135, 137, 139, 140, 144
- Business Publishers: 2, 3, 8, 11, 14, 16, 20, 32, 33, 35, 36, 67, 69,
73, 105, 106, 108, 109, 127, 142
- Federal Agencies: 12, 15, 17, 23, 31, 34, 38, 44, 66, 97, 111, 114,
117, 133, 136
- Foreign Group: 49, 70, 88
- International Groups: 13, 24, 26, 28, 44, 50, 51, 52, 53, 55, 79, 84,
96, 98
- Private Corporations: 36, 46, 54, 56, 57, 77, 78, 81, 107, 123, 124,
138, 143
- Professional and Scientific Organizations: 1, 5, 6, 7, 10, 21, 25, 41,
42, 45, 59, 76, 82, 85, 92, 101, 103, 110, 113,
119, 125
- Regional Groups: 47, 70, 83, 95
- Sea Grant Programs: 4, 9, 19, 21, 22, 30, 40, 48, 58, 61, 62, 63, 64,
65, 68, 71, 72, 80, 91, 93, 94, 99, 115, 120,
121, 122, 129, 130, 131, 135, 137, 140
- State Agencies: 22, 37, 40, 43, 90, 100, 112, 116, 118, 128, 132, 141

Alphabetical List of Publishers

- American Fisheries Society: 92
- American Geological Institute: 45
- American Littoral Society: 6
- American Malacological Union: 7
- American Shore and Beach Preservation Association: 85
- American Society for Microbiology: 10
- Aquarium Systems, Inc.: 124
- Arctic Environmental Research Laboratory: 23
- Arctic Ice Dynamics Joint Experiment: 24
- Arctic Institute of North America: 53
- Association of Geoscientists for International Development: 1
- Association of Sea Grant Program Institutions: 86
- Battelle Memorial Institute: 57
- Bermuda Biological Station: 49, 88
- Bureau of National Affairs, Inc.: 36
- Business Publishers, Inc.: 3, 16
- California Department of Fish and Game: 116
- Callahan Publications: 135
- Chandler Publishing Co.: 106
- Coastal Coordinating Council (Florida): 90
- Coastal Plains Center for Marine Development Services: 70
- Commerce Clearing House, Inc.: 14
- Conservation Foundation: 25
- Cooperative Investigations in the Mediterranean (CIM): 96

Cooperative Investigations of the Northern Part of Eastern Central
Atlantic (CINECA): 13

Cooperative Study of the Kuroshio and Adjacent Regions: 28

Corpus Services: 33

CUEA National Coordination Center: 29

Department of Commerce: 136

Duke University: 29

Environmental Data Service: 34

Environmental Protection Agency: 17, 23, 38, 66, 114

Florida Department of Natural Resources: 43, 90

Geophysical Services, Inc.: 46

Girard Associates Inc.: 73

Grays Harbor College: 48

Great Lakes Commission: 47

Humboldt State University, Marine Advisory Extension Service: 131

Hydro Products, Tetra Tech Co.: 123

Instrument Society of America, Marine Sciences Instrumentation
Division: 59

International Council for the Exploration of the Sea (ICES): 13

International Tsunami Information Center (ITIC): 55

Inter-University Ferromanganese Program: 50

Japan Oceanographic Data Center: 28

Jerden Industries, Inc.: 8

Lamont-Doherty Geological Observatory: 50

Lerner Marine Laboratory: 56

Logical Ecology, Inc.: 32

Louisiana State University: Office of Sea Grant Development: 9
 Sea Grant Legal Program: 58
Marine Technology Society: 76, 110
Mariner's Press Incorporated: 127
Martek Instruments, Inc.: 77
Massachusetts Department of Natural Resources: 37
Massachusetts Institute of Technology, Marine Resources
 Information Center: 61
 Sea Grant: 68
McGraw Hill, Inc.: 2
Memorial University of Newfoundland: 70
Mississippi State University, Cooperative Extension Service: 121
Moss Landing Marine Laboratories: 80
Mote Marine Laboratory: 78
National Academy of Sciences, Ocean Affairs Board: 103
National Association of Underwater Instructors: 82
National Cannery Association: 41
National Fisheries Institute: 42
National Marine Fisheries Service: 111, 133
National Oceanic and Atmospheric Administration: 97, 117
 Environmental Data Service: 34
 National Marine Fisheries Service: 111, 133
 NOAA Data Buoy Office: 31
 U.S. GATE PROJECT Office: 44
National Research Council: 1
National Security Industrial Association: 101
Nautilus Press: 20, 67, 69, 108, 109
Naval Environmental Protection Support Service: 15

New England Marine Resources Information Program (NEMRIP): 83

New York Ocean Science Laboratory: 102

New York State Sea Grant Program: 22

NOAA Data Buoy Office: 31

Normadeau Associates, Inc.: 81

North Carolina Department of Conservation and Development: 128

North Carolina State University, Sea Grant Program: 93

Ocean Science and Engineering, Inc.: 107

Oceanographic Commission of Washington: 112

Oceanographic Institute of Washington: 100

Oregon State University, School of Oceanography: 39

 Sea Grant Program: 30

Pacific Business Associates, Ltd.: 11

Pacific Northwest Environmental Research Laboratory: 17

Pacific Science Association: 26, 52

Petroleum Publishing Co.: 105

Phycological Society of America: 113

Planning and Conservation League Foundation: 21

Plessey Environmental Systems: 54

Save Our Seas Newsletter: 119

Scientific Committee on Coral Reefs: 26

Scripps Institution of Oceanography: 84, 98

Sea Technology Magazine: 142

Shoals Marine Laboratory: 126

Skidaway Institution of Oceanography: 18

South Carolina Wildlife and Marine Resources Department,
 Marine Resources Center: 40

Southern California Ocean Studies Consortium: 118
Southern New England Marine Sciences Association: 95
Sport Fishing Institute: 125
Teledyne Hastings - Raydist: 138
Tetra Tech Co., Hydro Products: 123
Texas A&M University Center for Dredging Studies: 89
 Sea Grant Program: 122, 130, 137
The Research Institute of the Gulf of Maine (TRIGOM): 132
Trends Publishing, Inc.: 35
UNESCO Division of Oceanography: 51
United Fishermen of Alaska: 5
U.S. Coast Guard: 12
University of Alaska: 4
University of California
 Marine Advisory Program: 63
 Scripps Institution of Oceanography: 84, 98
 Sea Grant Program: 94
University of Florida
 Cooperative Extension Service: 91, 74, 75
 Food and Agricultural Sciences: 62
University of Hawaii
 Sea Grant Program: 115, 120
 Water Resources Center: 115
University of Houston, Texas Law
 Institute of Coastal and Marine Resources: 129

University of Maine, Land and Water Resources Institute: 60

University of Massachusetts, Aquacultural Engineering Laboratory: 87

University of Miami, Dorothy H. and Lewis Rosenstiel School of Marine
and Atmospheric Science: 134

University of North Carolina, Sea Grant Program: 99

University of Oregon Law School: 104

University of Rhode Island

 Department of Fisheries and Marine Technology: 139

 Marine Advisory Service: 64

 New England Marine Resources
 Information Program (NEMRIP): 83

University of Southern California

 Allen Hancock Foundation: 65

 Marine Advisory Program: 19

 Sea Grant Program: 19, 65, 140

University of Texas, Center for Research in Water Resources: 27

Virginia Institute of Marine Sciences: 71, 72

Virginia Polytechnic Institute and State University

 Sea Grant Advisory Services Project: 141

Water Information Center, Inc.: 143

Woods Hole Oceanographic Institution: 79, 144

3 8398 1004 7357 2



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