

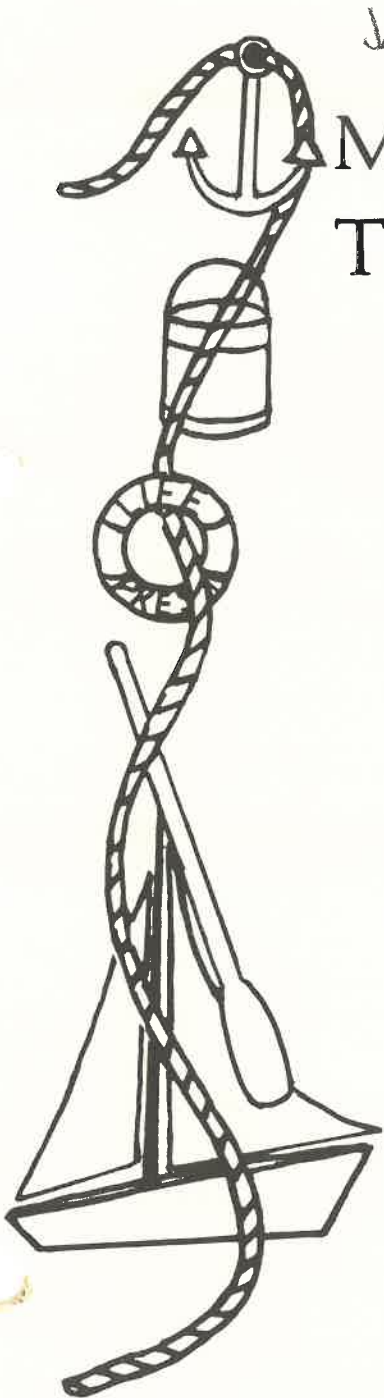
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Coastlines

NEW YORK STATE SEA GRANT INSTITUTE
STATE UNIVERSITY OF NEW YORK and CORNELL UNIVERSITY

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March-April 1975



MARINE TRADES PEOPLE TO MEET IN ROCHESTER

Upstate marina operators interested in improving their business and hearing how their colleagues are solving problems are invited to attend the second annual New York Marine Trades Conference in Rochester on March 25 and 26 at the Sheraton Inn.

Included in this year's program will be sessions entitled "New Pollution Regulations," "The Salmon Program in New York" "OSHA and the Marine Firm," and "Coastal Zone Management." Four workshops have also been scheduled on the subjects of accounting, financing, advertising and liability. And, in view of the increasing concern over access to New York's shoreline, several sessions have been planned to focus on that topic with respect to both the Great Lakes and inland waters. A special guest speaker, Keith Wilson, Division of Waterways, Michigan State Department of Natural Resources, will discuss Michigan's recent experiences in providing access.

A subject of keen interest to many persons involved in the marine trades industry at present, "Organizing for Action" will again be on the program, and is expected to be a major focal point throughout the two days. Conference participants will have the opportunity to hear representatives from marine trades organizations in other states discuss how their groups operate and some of the pros and cons in forming trade associations.

A special feature will be an "Overview of Boating Sales" presented by George Rounds, Secretary for the National Association of Engine and Boat Manufacturers. Other speakers will include Lt. Commander MacDonald of the U.S. Coast Guard, William Pearce of the New York State Department of Environmental Conservation, Assemblyman John Daly, 138th District, and Frank Smeltzer, Assistant Vice President of the Central Bank of Cleveland.

The conference at the Sheraton Inn in Rochester is open to any interested person. A registration fee will be charged to cover a special banquet Tuesday evening, coffee and printed summaries of the conference presentations.

Upstate "Coastlines" readers interested in marinas should have received a program describing the conference. If you have not, or have a friend who would like a program, contact any of the Advisory Service offices listed on the back page for an extra copy.

↳ Tax Exemptions Available to Fishermen and Fishing Boat Operators

By Norman K. Bender
Regional Marine Specialist

If you operate a commercial fishing vessel, charter or party boat, or a dredge, you may qualify for gasoline and fuel tax exemptions. Refunds and credits are available to commercial users who purchased fuel for off-highway use in their commercial operations.

Federal Fuel Tax Credit

The Internal Revenue Service (IRS) allows a fuel tax credit to be deducted from the amount of Federal Income Tax due. You may receive a credit of 2¢ per gallon of gasoline and diesel fuel purchased and a credit of 6¢ per gallon of lube oil.

To file for the Federal Gasoline Tax Credit, you'll need IRS Form 4136—"Computation of Credit for Federal Tax on Gasoline, Special Fuels and Lubricating Oil" and IRS Publication 378—"Federal Fuel Tax Credit or Refund." Contact your local Internal Revenue Service office for copies of these pamphlets.

New York State Motor Fuel Tax Refund

You may also be entitled to a New York State Tax refund of 8¢ per gallon of gasoline if it was used for commercial off-highway purposes.

When filing for the State Gasoline Tax refund, use form MT 390.24—"Motor Fuel Tax Refund Application." A copy of "Diesel Motor Fuel Tax Law" will be useful in filing for the refund. Both of these can be obtained from your local New York State Miscellaneous Tax Bureau office.

In either case, you should have records of all gasoline, diesel and lube oil purchases such as receipts, vouchers, and/or checks to back up your claim of a credit or refund.

Commercial fishermen will also want to keep an eye out for tax exemptions of another kind—New York State sales tax. You may become exempt from paying sales tax on certain items purchased for use in your business operation. Specific exempt items are determined on a

case by case basis, by a Sales Tax Bureau representative.

If you do not have a sales tax exemption identification number, request the appropriate forms from:

Mr. T. Ciosek
New York State Sales Tax Bureau
State Office Building
Veterans Memorial Highway
Hauppauge, New York 11787
Telephone: (516) 979-5272

When making requests to the tax office, you should ask for Form ST-105 (Certificate of Authority), Form ST-115 (Business Description Sheet), and copies of Form ST-121 (Exempt Use Certificates). Form ST-105 should be filled out and submitted to the tax office. You'll then be assigned an identification number to use on the Exempt Use Certificates.

Although exempt from paying the sales tax on certain items, you are still required to submit quarterly sales tax returns. Where no tax was paid for that quarter, zeros should be entered in the appropriate column.

If you have questions, contact Mr. Ciosek at the above address.

Pesticide Certification Required

New York Bureau of Pesticides Director, C. H. Frommer has announced that any person using certain restricted pesticides in or on an aquatic environment must now be certified as a commercial pesticide applicator.

Additionally, a permit or certification identification will also be required for the purchase of these pesticides.

According to Frommer, New York State is in the process of amending its present restricted pesticide list to meet the requirements of the Federal Environmental Pesticides Control Act of 1972. Pesticides used on or in water for any type of weed, insect or fish control are expected to be included.

To purchase, possess or use these restricted pesticides a person will have to be certified through an examination. Prior registration with the Bureau of Pesticides as a pesticide applicator will qualify you to meet the eligibility requirements to take this exam. A \$30.00 registration fee must accompany your application. (Note: N.Y. Cooperative Extension is currently conducting schools to help people qualify as pesticide applicators. Contact your Sea Grant Advisory Service for further information.)

Inquiries should be directed to:
C. H. Frommer, Director
Bureau of Pesticides
N.Y.S. Department of
Environmental Conservation
50 Wolf Road
Albany, New York 12233

New York To Host Great Lakes Research Conference

The New York Sea Grant Institute and the State University of New York at Albany will host the Eighteenth Conference on Great Lakes Research and the Annual Meeting of the International Association for Great Lakes Research on the SUNY/Albany campus, May 20-23, 1975. Over 500 scientists, social scientists and administrators from several countries are expected to be in attendance.

Designed to stimulate information exchange on all aspects of theoretical and experimental research related to the Great Lakes or applicable to the understanding and management of large lakes, this annual conference encourages cooperation among the research personnel of Canada and the United States. Two full days and two half days of technical sessions, panels and a plen-

(continued on page 6)

ENDEX —

The Yellow Pages of Science

By Marc Helsinger, *Research Assistant*
New York Sea Grant Institute

*ENDEX, the envt data index,
is the ^{new} yellow pages for the envt scientist.*

Tired of pouring through endless volumes of journals and technical reports for up-to-date information on environmental research? If so, then ENDEX—science's newest "yellow pages"—may be for you.

Developed by the National Oceanic and Atmospheric Administration (NOAA), ENDEX or the Environmental Data Index, is a rapid, easy-access referral system on environmental data for scientists, legislators and the general public. It contains descriptions of over 2000 data files held by federal state and local agencies, universities and private industry on research pertaining to the New York Bight, Chesapeake Bay, Delaware Bay and the Great Lakes region. Topics include coastal erosion, wildlife, fisheries, marine geology and biology, climatology, oceanography, limnology, aerial photography, zoology, and mineral resources.

Each data file description contains the types of parameters studied, the methods of analysis, the number and location of stations, the frequency of measurement, the duration of the study, restrictions of data availability, publications, funding agencies, the source of the information and the cost of obtaining the data. In addition, each data file contains an abstract of the research project.

of a biologist To use ENDEX, you need to identify your major subject and geographic area of concern, for example, "benthic animals in Lake Ontario." Then call or visit an Environmental Data Service Center and ask for information on this subject. An environmental data specialist will evaluate your request and provide the information required. There may be a charge for ENDEX services, depending on the type of search provided and the number of data files searched. An average cost of a search and retrieval is \$50.00, however, a simple request could be as low as \$5.00 or, even free. In any

case, there is no obligation for the initial contact and the cost of your particular request will be estimated before a search is undertaken.

Environmental Data Service Centers are listed below:

Environmental Science Information Center
National Oceanic & Atmospheric Administration
Washington, D. C. 20235
Telephone: (202) 343-6454

National Climatic Center
National Oceanic & Atmospheric Administration

Federal Building
Asheville, N. C. 28801
Telephone: (704) 254-0961 X683

National Geophysical Solar-Terrestrial Data Center
National Oceanic & Atmospheric Administration
Boulder, Colo. 80302
Telephone: (303) 499-1000 X6323

National Oceanographic Data Center
National Oceanic & Atmospheric Administration
Washington, D. C. 20235
Telephone: (202) 343-8921

I WANT MORE

Further details to help solve several coastal problems are available. Each month we try to list several publications of possible interest to you; please check off those you would like and return to the Sea Grant Advisory Office nearest to you. Addresses are listed on the back page.

(Single copies of the following publications are free.)

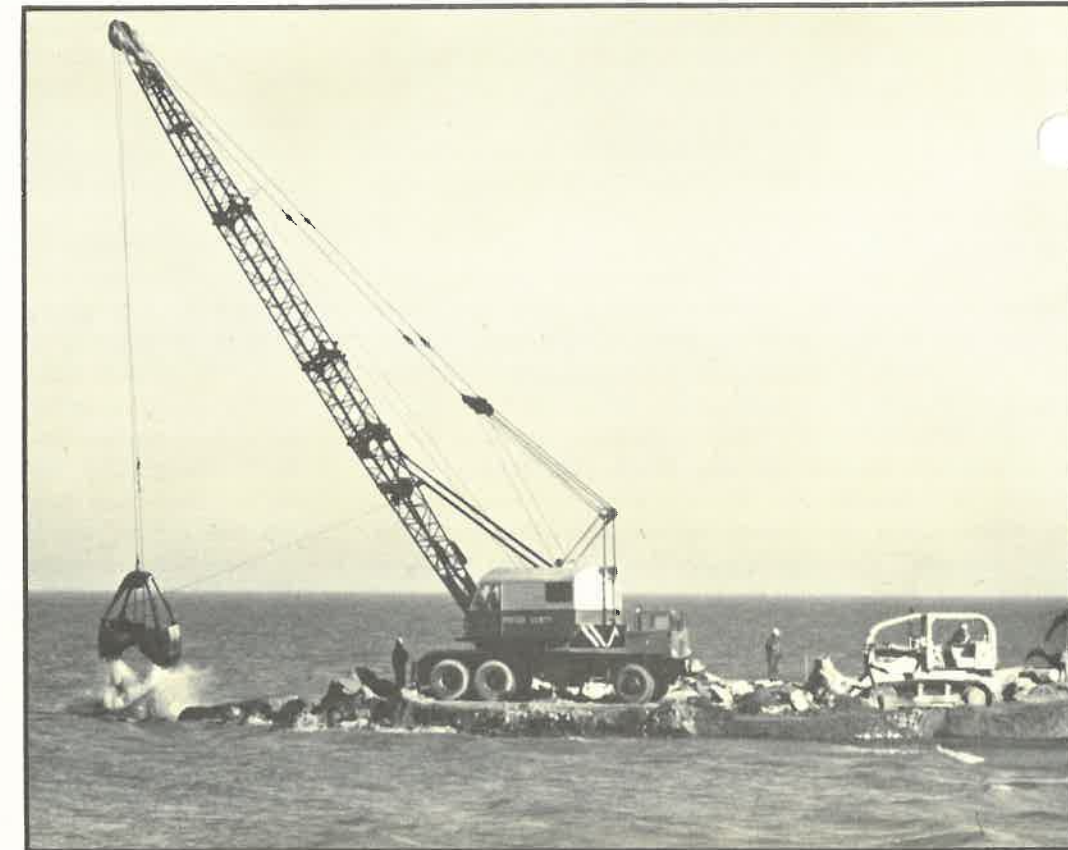
- _____M5 Investment Credit (A tax break for small businesses). (Mimeo, 4 pp.)
- _____M6 Community Action and the National Flood Insurance Program. (Produced by Cornell University Water Resources & Marine Science Center). 42 pp.
- _____M7 OSHA and the Marine Firm. 3 pp.

There is a charge for the following publications. Make checks payable to: "Cornell University."

- _____A5 Possible Biological Impacts of Dredging the Existing Channel from Irondequoit Bay to Lake Ontario in Rochester, Monroe County, New York. 31 pp. \$1.00.
- _____A6 Mercury Removal from Fish Protein Concentrate Made from Lake Erie "Trash" Fish. 4 pp. 25¢.
- _____F1 Environmental Management of the Great Lakes International Boundry Areas. 303 pp. \$2.00.

*who did it
how it was compiled
what is connect
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Several communities on Lakes Erie and Ontario are participating in the Harbor of Refuge Program to increase safety to boaters and improve boating access.



HAPPIER LANDINGS

... may soon be possible because of the Harbor of Refuge Program

Information supplied through the courtesy of Rick Sojda,
Regional Marine Specialist

You're out for a boat ride on Lake Ontario on a pleasant Sunday afternoon, when suddenly a storm comes up out of nowhere. Although you've been cruising in unknown waters for some time you do not panic. Instead you quickly head in towards the shore, for you know that no matter which direction you choose, it will only be a short time before you find a safe harbor to land in.

Sound like something out of a dream? Well, it is—a dream that many New York coastal communities are trying to make come true. Eleven sites (approximately thirty miles apart) are currently being considered for harbor improvement work and, if all of these projects are completed, boats plying the coasts of Lake Erie or Ontario would never be more than 15 miles from a safe harbor of refuge.

A harbor of refuge is simply any place, natural or man-made where boats can take shelter from inclement weather. New York State is currently participating in a formal Harbor of Refuge Program to increase protection to boaters and improve boating access points. Under this program, the federal government generally provides 50% of the first costs of harbor de-

velopment including: harbor protection, channel to the harbor, interior access channels, bulkheading, capping of breakwaters or jetties and, navigation lights, if needed. The state and local municipality together must provide the other 50% of the funding—usually shared 25%—25%.

Although a harbor project may be initiated at any level, close cooperation among the local, state and federal governments is essential for the project to be carried out. A variety of studies by the Corps are required, along with public hearings at the local level and carefully detailed plans. And, of course, a firm commitment of funds at each level must be obtained to keep the project moving along. At several times during the harbor project approval must be obtained from the legislatures at the various levels to go ahead with plans or obtain necessary funding. But even when all parties are in accord, it may be at least ten years from the time planning for the harbor is started to when it is completed.

Cooperation doesn't stop at planning and financing, however. The state and local municipality must work together to: 1) provide public access from the land to the harbor project.

This includes providing pier-side moorings, launching ramps, a parking area, toilet facilities, sewage pumpout facilities, suitable lighting, and a picnic area, if possible; 2) providing a spoil area, if necessary and, 3) maintain the right of way to the breakwater and/or jetties. The municipality along the harbor must bear the responsibility for operating and maintaining the channels and access areas, while the Corps of Engineers must maintain the breakwaters and jetties.

Despite the time and heavy commitment required for a harbor of refuge project, a number of communities have joined in the program. Sea Grant Specialist, Rob Patten points out that on Lake Erie, Dunkirk Harbor, Sturgeon Point and Cattaraugus Creek have been given priority ratings by the Office of Parks and Recreation. Of these Cattaraugus Creek is already in an advanced stage of planning. A General Design Memorandum, or a detailed plan of work, is nearing completion by the Corps as this goes to press and a draft environmental impact statement has been completed and is being circulated among the proper authorities.

"Construction could start in the spring of 1977 if funding is provided," says Patten. "The federal government traditionally funds projects that have come this far, so that past planning is not wasted. They need to appropriate \$3,473,000. The state and local municipality will have to share the remaining \$1,761,000. At Dunkirk, officials are also in the process of gathering information for review and comparison against current and future plans for the area."

Local leaders are quite interested in the Cattaraugus project. Hanover Town Supervisor, Fred Seegert feels it will mean a big boost to local economies because it will be a tremendous fishing outlet.

"You won't find a better facility than this one for miles in either direction," he remarked, "and it may also offer some

protection against flooding to this particular area." But Seegert also pointed out one disadvantage.

"Costs may be a problem. Our town's share, which is one quarter of a million dollars, is going to be hard to raise at this time." This is a common problem for communities and has often been a main limiting factor to participation in the program.

Elsewhere, on Lake Ontario, several projects are underway. The Oak Orchard harbor of refuge at Point Breeze is nearing completion, so by fall the stone jetties and breakwalls will be capped with concrete and the harbor dredged. This project is entirely on state land, therefore its funding is shared 50-50 between the state and federal government. No local municipal funds were needed. In other areas, potential sites at Golden Hills, Braddock Bay, Irondequoit Bay, Pultneyville, Port Bay, Mexico Point and Port Ontario have been assigned state priorities and are now awaiting further action. The latter two are most likely to receive attention in the near future due to the local interest in access stimulated by the DEC salmon program.

Whether this dream of contiguous harbors will eventually be fulfilled is difficult to say. With budgets being tightened at all levels, it is certain that a community's need for a harbor will be carefully weighed before any actions are taken. And, of course, when any alteration to the environment is proposed, the possible side effects to existing natural habitats must be carefully considered. However, the New York State Department of Environmental Conservation is likely to keep the possibilities for these harbors in front of the public, as improved access to waters is an essential element in their salmonid fishery program. And, as communities evaluate the economic and recreational merits of these harbors, more projects may begin.

PUBLICATIONS

Two recently released publications may be of value to Coastlines readers.

"A Strategy for Great Lakes Shoreline Damage Reduction" may help individuals and groups implement procedures for reducing Great Lakes shoreline damage. It discusses seven alternatives for reducing damage, including lake level regulation, acquisition and relocation of developments, and zoning and structural setback requirements.

The report, produced jointly by the Federal Regional Council and the Great Lakes Basin Commission, is available from: Great Lakes Basin Commission
3475 Plymouth Road
Post Office Box 999
Ann Arbor, Michigan 48106

"Evaluation of Power Facilities: A Reviewer's Handbook" is designed to assist planning agencies and local governments in evaluating the impact of power plant siting.

Prepared by the Berkshire County Regional Planning Commission (Pittsfield, Mass.), this publication points up both positive and negative aspects of power plants. Some of the topics include: social and economic impact of power plants; systems for evaluating environmental impact; federal, state and local regulation and control procedures; and, physical environmental impacts of generating facilities. Contact the Planning Commission directly for further information.

FISHING EQUIPMENT TAXES

Sport fishing equipment is now affected by a miscellaneous excise tax that came into effect on January 1, 1975.

A tax of 10 percent will be added to the price of fishing rods, creels, reels, artificial lures, baits, and flies from now on. Not covered by the tax are fishing lines, nets, hooks, sinkers, and gifts.

The miscellaneous excise tax was announced by the Internal Revenue Service in the Federal Register, Vol. 39, No. 199, Friday, October 11, 1974 on page 36586. (From the Virginia Marine Times).

UPDATE

The following publications are now available free from the National Sea Grant Depository:

- NSGD-I-73-004 Sea Grant Publication
Index 1973
Vol. 1. June 1974.
- NSGD-I-73-005 Sea Grant Publication
Index 1973
Vol. 2. June 1974
- NSGD-I-73-006 Sea Grant Newsletter
Index 1973. June 1974
- NSGD-I-74-001 Sea Grant Publications
Index. January-June
1974. Dec. 1974

Requests for these publications should be made on business or institutional letterhead and addressed to:
National Sea Grant Depository
Pell Library Building
University of Rhode Island
Narragansett Bay Campus
Narragansett, R.I. 02882

The Department of Environmental Conservation will sponsor a Shellfish Symposium from 9 a.m. to 4 p.m. on March 28 at the Lecture Center on the SUNY/Stony Brook campus. Persons wishing further information should phone Larry Kelly at (516) 751-7900.

Experimental results at the NMFS Atlantic Fishery Products Technology Center have shown there is a commercial machine available to remove completely the guts and black belly lining from headed whiting prior to further processing. The machine can clean whiting up to one pound and with minor adjustments can be made to handle larger fish. Recoveries of between 66-81 percent have been obtained from headed whiting, depending upon size.

For further information or for a demonstration of the machine, contact Joseph H. Mendelsohn or Thomas J. Connors at the NMFS Atlantic Fishery

Products Technology Center, Emerson Avenue, Gloucester, Mass. 01930.

Woods Hole Oceanographic Institution announces that their publication "Oceanus" will soon be available on a subscription basis. Those interested in starting a subscription may contact William H. MacLeish
Woodshole Oceanographic Institution
Woods Hole, Mass. 02543
(617) 548-1400

(Great Lakes Conference—Continued)

any session are scheduled during which papers related to the physical, chemical, biological, engineering and socio-economic problems of the Great Lakes will be presented.

For further information contact:
Ms. Marian Steinberg
New York Sea Grant Institute
State University of New York
99 Washington Avenue
Albany, New York 12210

NYS Sea Grant Program Office
State University at Albany
Twin Towers
99 Washington Avenue
Albany, New York 12210
Tel. (518) 474-5787

Sea Grant Advisory Service
Fernow Hall
Cornell University
Ithaca, New York 14853
Tel. (607) 256-2162

Youth Development Program
381 Park Avenue South
Room 621
New York, New York 10016
Tel. (212) 685-5081

Sea Grant Advisory Service
Old Biology Bldg.
SUNY/Stony Brook
Stony Brook, New York 11794
Tel. (516) 246-7777

Sea Grant Advisory Service
607 Benjamin Raymond Hall
SUNY/Potsdam
Potsdam, New York 13676
Tel. (315) 268-3303

Sea Grant Advisory Service
Room 375
Mason Hall Addition
SUNY/Fredonia
Fredonia, New York 14063
Tel. (716) 673-3413

Sea Grant Advisory Service
Culkin Hall
SUNY/Oswego
Oswego, New York 13126
Tel. (315) 341-3042

Sea Grant Advisory Service
251 Hartwell Hall
SUNY/Brockport
Brockport, New York 14420
Tel. (716) 395-2638

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