

MARCH 1978



# NEWSLETTER

WOODS HOLE OCEANOGRAPHIC INSTITUTION

## FERRIS WEBSTER REPORTED TO BE NEW NOAA ASSISTANT ADMINISTRATOR FOR RESEARCH & DEVELOPMENT

A story in the March 13th issue of Ocean Science News says Ferris Webster, our Associate Director for Research, will be the new Assistant Administrator for Research and Development at the National Oceanic and Atmospheric Administration.

Dr. Webster said in an interview with the Newsletter on March 17th, "The Secretary of Commerce has said that she will nominate me. It takes a couple of weeks for informal White House approval. Formal White House approval usually takes a couple of months."

OSN quoted NOAA Administrator, Richard Frank as saying, "Ocean R&D will be upgraded significantly in the next six to twelve months under Webster's leadership."

As Assistant Administrator for Research and Development, he will be running the Environmental Research Laboratories, the Office of Ocean Engineering, the National Climate Program, and the National Sea Grant Program.

## ROSS AND RYTHER ELECTED FELLOWS OF AAAS

David Ross and John Ryther were elected Fellows of the American Association for the Advancement of Science (AAAS) at the AAAS Council Meeting February 16th.

The AAAS defines a Fellow as "one who has produced a body of work on behalf of the advancement of science that is scientifically distinguished or socially highly significant, or both."

Dr. Ross was cited: "For research in marine geology and geophysics of marginal seas, and involvement of marine scientists from numerous countries in multi-discipline programs in the seas."

Dr. Ryther was cited: "For research on general marine ecology and particularly in the area of waste management and recycling, and food produced from the sea."

## DR. STEELE ELECTED FELLOW OF ROYAL SOCIETY

Dr. John Steele was elected a Fellow of the Royal Society of London March 16th.

The Society's citation says Dr. Steele is: "Distinguished for his work on marine production and mathematical models for the prediction of primary production in non steady-state conditions".

The Royal Society of London, which corresponds to the National Academy of Science in this country, is the oldest continuous scientific society in the world. It was founded in 1660 and granted a Royal Charter of Incorporation by King Charles II in 1662.

The Society's present activities include holding scientific meetings, publication of research work, presentation of medals, endowed lectures, awarding research grants and appointments. It represents the United Kingdom in the International Council of Scientific Unions and plays a leading part in international scientific programs.

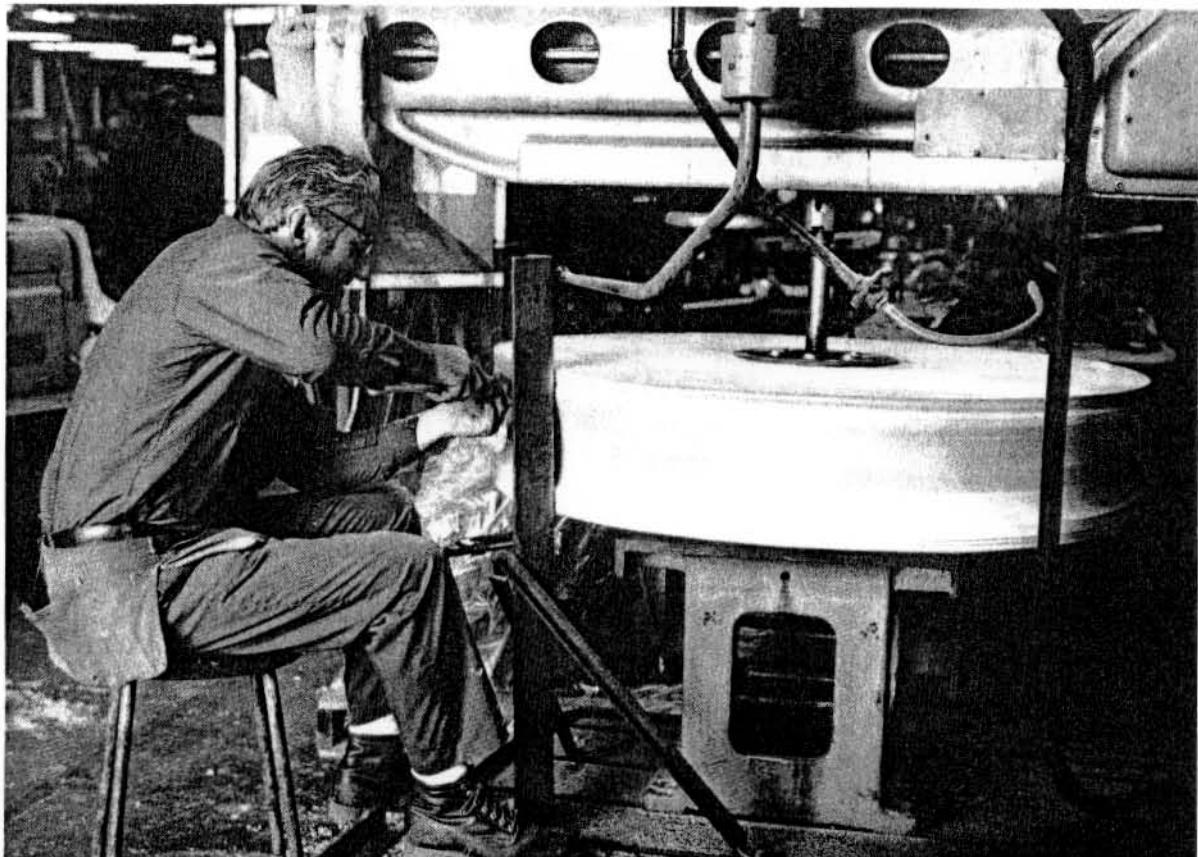
## STOMMEL RECEIVES AAAS-ROSENSTIEL AWARD IN OCEANOGRAPHIC SCIENCE

Henry Stommel, a pioneer in the study of ocean water circulation, was presented with the AAAS-Rosenstiel Award in Oceanographic Science for 1977 at the AAAS annual meeting in Washington, D.C.

He was selected for his "outstanding achievement in oceanographic science with emphasis on the physics and chemistry of the water column and the atmosphere." His studies have resulted in the publication of two books, including The Gulf Stream, and more than 100 scientific papers.

STAFF COMMITTEE - The Staff Committee has selected Nick Fofonoff to be chairman and Fritz Hess to be secretary of the committee.

CEPEX IS TOPIC OF ASSOCIATES DINNERS - A combined presentation on CEPEX--Controlled Ecosystem Pollution Experiment--will be given by John Steele and George Grice at the Annual Associates Dinners. They will be held at Woods Hole April 21st, at the Boston Museum of Science April 25th, and at the New York Yacht Club April 27th.



Bob Davis is doing the final finishing on a mold for laying up the fiber-glass propeller shrouds for the WHOI In-Situ Pump (WHISP). He is using the large radial drill in the Iselin shop as a lathe since no lathe in the Institution is big enough. The finished shrouds are four feet in diameter.

#### SHIP NOTES

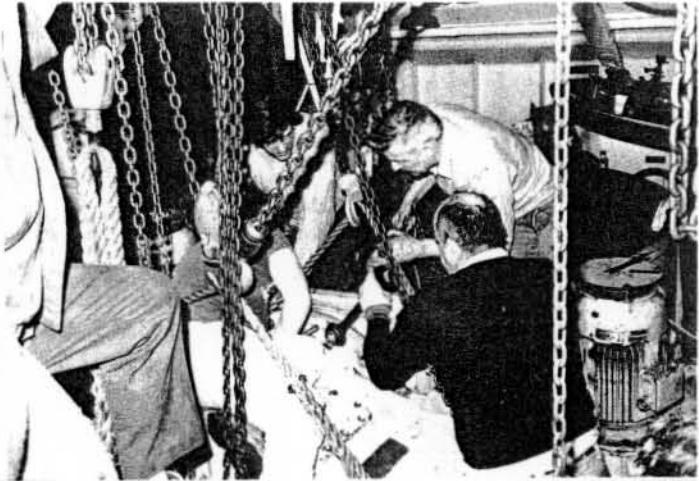
The ATLANTIS II left San Juan, Puerto Rico in February to conduct science operations in a 30 km square at about 25° N - 68° W. An acoustic navigation net was deployed and piston cores and heat-flow measurements were taken. Seismic reflection profiling was carried out. The ship returned to San Juan and then embarked on a cruise which ended in Woods Hole mid March. The purpose of the cruise was to recover the PARFLUX E mooring array which was deployed in November 1977. A large volume in situ filtration system was deployed and a series of dives made in the Guadalupe-Martinique area.

KNORR began her 18 month Pacific cruise in January. Leg 1 was a cruise for NOAA out of San Juan. KNORR then departed for Cristobal, Panama on Leg 11. The purpose of this leg was to make an organic chemistry and biological study of the Peru upwelling zone using in situ particulate matter filter pumps, sediment traps, filtered water samples and box cores to investigate the reaction of mechanisms and rates of transformation of organic matter in the sediments and water column, and to estimate the particulate flux of organic matter to the sea floor. KNORR

then made a Callao to Callao cruise on Leg 111 starting mid March to study the nitrogen cycle in the water and sediment in an upwelling area. A microbiology program was carried out to determine bacterial biomass, total microbial biomass and rates of amino acid mineralization.

OCEANUS made cruises from Woods Hole to Savannah, Georgia and from Savannah to San Juan for the U. S. Geological Survey in February. On Leg 1 current meter and tripod moorings were recovered and deployed and hydrographic measurements were made. On Leg 11 high resolution reflection data was collected in the Virgin Passage and north of St. Thomas. OCEANUS made a cruise from San Juan to Woods Hole carrying out a microbiological research program in the area of the Puerto Rico Trench. Deep water samples were taken by conventional and high pressure equipment. Gravity cores were taken and the automated deep sea vehicle was deployed and recovered. Phytoplankton clones were collected underway. OCEANUS then went to the shipyard in Newport for routine maintenance.

Notices, photos, and items of interest to the oceanographic community may be sent to Phyllis Laking, Co-op Building, Ext. 252, for inclusion in the Newsletter.



KNORR'S DEPARTURE ON PACIFIC EXPEDITION - There was a lot of activity on KNORR in the weeks before the Pacific expedition began. Top Left - Charlie Olsen paints the WHIMP (Woods Hole Interstitial Mud Probe) international orange. Top Right - Billy Baker, Buzz McLaughlin and Artie Dunn work on one of KNORR's cycloids. When KNORR left on Leg 1 January 28th Hugo Leiber of the J. M. Voith Company in Brenz, West Germany (the company that built the cycloids) was still on board. John Leiby followed KNORR out into the Sound with George Cadwalader's boat to take him off. Center Left - Jerry Cotter helps Hugo Leiber over the rail while Tom O'Neil, George Dunlap, Tony Cardamane, John Dolby, and Harry Rougas look on. Right - Hugo Leiber bids KNORR farewell from George's boat. Bottom Row - KNORR steams away. The design used for the mail stamp and patches is shown in center. Photos by Don Souza and Vicky Cullen.

## SELL, SWAP OR WANTED COLUMN

Several people have suggested it would be useful to have a column devoted to items people want to dispose of or acquire so this sell or swap column will be a regular feature in the coming months.

Any reasonable item can be put in the column, including the kitchen sink, but since the Newsletter is printed sporadically only 12 times a year it is not suitable for fast turnover needs such as finding a place to live or disposing of a ripe tomato crop. Notices should be as brief as possible.

Bathroom basin, free standing bathtub with claw and ball feet, kitchen sink, best offer. Phone Tommy Stetson.

Would like to buy, borrow or rent SNUGLI baby carrier. Call Larry at Ext. 520.

Wanted: 16 foot glass runabout with canopy. Call Ray Davis, at Ext. 587.

Free for the digging - two handsome spreading yews three feet in diameter. Phone Nancy at Ext 270.

SEA STORIES - The Women's Committee sponsored a meeting in February about women at sea. Marty Coneybear and Debbie Mennett told of their experiences while working on SEAPROBE last summer as an ordinary seaman and emergency medical technician. Jack Lindon and Don Moller also made contributions to the discussion.

## HIGH SCHOOL BUSINESS CLUB VISITS

Six members of the Falmouth High School Business Club visited the Institution Feb. 3rd, the first business students to do so.

They toured the dock with Nancy Green, heard a talk by Joseph Kiebala after lunch at the Carriage House, and then visited sponsors in their areas of interest.--data processing, accounting, secretarial and administration. Sponsors were: Penny Foster, Marge Stern, Kittie Elliot, Jan Cannon, Mary Berry, Carol Van Siclen, Carol Gunter, Judy De Santi, Marga McElroy. Sam Long was the arranger.

DOCUMENT LIBRARY ACTIVITIES - The Document Library collection is being expanded and there are plans to convert to microfiche. Carol Winn said more biology is being added to collection including Sea Grant reports and Congressional reports. We are going to start converting to microfiche but first we have to catalogue all the material. Only one in three items are catalogued now.

## JOIDES OFFICE TO BE AT WOODS HOLE

A group of nine U.S. institutions has formed a Washington-based corporation called the Joint Oceanographic Institutes, Inc. JOI has offices in the Watergate complex in Washington, D.C. It will be the prime contractor for several projects relating to deep-sea drilling including the JOIDES advisory committees. The JOIDES office, under subcontract from JOI, will come to Woods Hole in July. That office will consist of Art Maxwell as Chairman of the Executive Committee, Jim Heirtzler, Chairman of the Planning Committee, and a scientific assistant.

## ORIENTATION SESSION FOR NEW EMPLOYEES

An orientation program for new employees was held March 15th.

Jack Lindon said letters were mailed home inviting new employees and spouses since December 1977 to attend. Twelve employees and one spouse came. They were welcomed by Art Maxwell, told about the history and organization by Bernie Zentz and Jake Peirson told about the education program. Discussions ranged from personnel practices and benefits to bulletin boards.

They had lunch at the Carriage House. Mr. Lindon said their supervisors were invited too so that the employees and spouses could meet them in a non-work environment. A tour of ESL, Clark, Redfield computer facility and ATLANTIS 11 followed.

Mr. Lindon said they plan a follow-up in a couple of weeks and will then decide whether to continue these sessions.

## TWELFTH NAVAL STAFF COURSE HELD AT W.H.O.I.

The Institution was host to the twelfth naval staff course for mid-level foreign staff officers from the Naval War College in Rhode Island March 9th.

Representatives of various services in 19 countries attended including: Bangladesh, China, Dominican Republic, Ecuador, Ghana, Indonesia, Iran, Japan, Kenya, Korea, Liberia, Malaysia, Mexico, Pakistan, Panama, Philippines, Singapore, Thailand and U.S.A.

They were welcomed by John Steele and heard talks by Judy Cappuzzo, John Donnelly, Ken Emery, Charlie Innis, Bill Schevill and Allyn Vine. They had lunch at the Carriage House with some staff members who have done research work off these countries and then toured ESL, the Iselin Facility and SEAPROBE.

## FUNDING ANNOUNCEMENTS

The following are recent funding announcements for scientific support:

### From the National Science Foundation:

- To Bob Beardsley and John Vermersch for "Physical Oceanography of the Outer Mid-Atlantic Bight," \$35,800;
- To Mel Briscoe for "Internal Wave Energy Balances," \$201,000;
- To Wilfred Bryan, Geoff Thompson, and Henry Dick for "Petrogenesis and Geochemical Evolution of the Deep Ocean Crust," \$210,000;
- To Bob Dinsmore and Ferris Webster for "Ship Operations Support," \$3,353,000;
- To Bob Dinsmore and Ferris Webster for "Acquisition of Oceanographic Equipment," \$156,900;
- To Dick Von Herzen and John Sclater for Purdy "For Post Drilling Site Survey of Site 2.3," in cooperation with Columbia University, \$18,738;
- To Rich Harbison and Laurence Madin for "The Biology of Gelatinous Zooplankton," \$125,200;
- To Sus Honjo for "Vertical Transport of Material and Nutrients by Large Particles to the Deep Ocean Ecosystem," \$64,471;
- To Dave Johnson for "Sea-floor Samples Laboratory," \$28,400;
- To Bill Jenkins for "Application of Tritium and Helium Isotopes to the Marine Geochemistry of the North Atlantic," \$70,313;
- To Jim Luyten for a project in cooperation with MIT entitled "White House Acoustic Dropsonde System for Use During July 1978 KNORR Cruise to Gilbert Islands," \$112,847;
- To Art Maxwell for "Deep Submersible Operations Support," \$1,403,000;
- To Peter Rhines for "Joint US-USSR Mid-Ocean Dynamics Experiment (POLYMODE): Studies of Turbulent Diffusion Lateral Propagation and Mean-Flow Induction of Ocean Eddies," \$52,400;
- To Phil Richardson for "Collaborative Research-Hydrographic Studies of a Gulf Stream Cyclonic Ring," \$29,500;
- To Mel Rosenfeld for "Shipboard Technician Support," \$181,000;
- To Fred Sayles for "Seawater-Sediment Interaction: The Diffusive Fluxes of Ions Between the Oceans and the Underlying Sediments," \$101,420;

- To Larry Shumaker for "Instrumentation for DSRV ALVIN and R/V LULU," \$65,500;
- To John Ewing, Dick Von Herzen and Mike "Geothermal Heat Flow Anomalies in the Central Equatorial Pacific," \$72,600.

### From the PEW Memorial Trust:

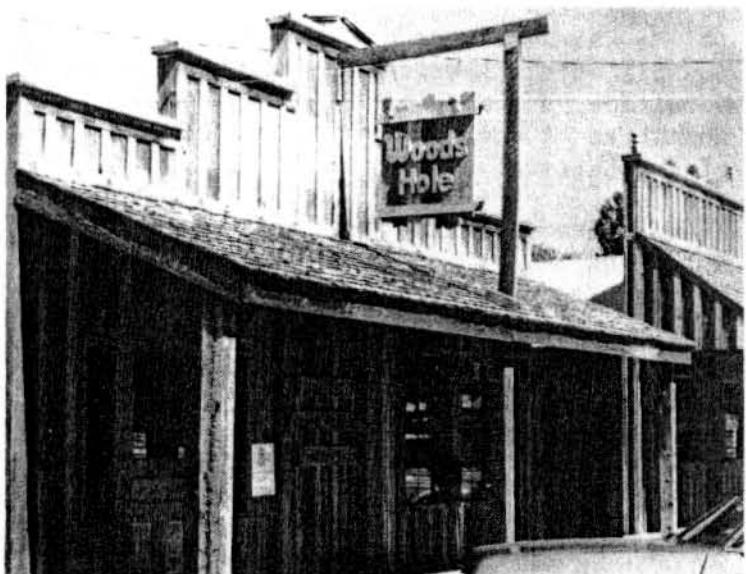
- To Bob Morse for "Support of a Program in Marine Policy and Oceanographic Applications," \$300,000.

### From the Office of Naval Research:

- To Doug Webb for "Delivery of a 150 Hz Sound Source," \$2,390;
- To Terry Joyce for "Continuation to Moored Array Experiments," \$28,020.

### From the National Oceanic and Atmospheric Administration:

- To Judy Capuzzo for "The Effects of Marine Pollutants on Marine Zooplankton at Deep Water Dumpsite 106," \$34,468;
  - To Gabe Csanady for "Trajectory and Dispersion of a Waste Cloud in the Sea," \$38,680;
  - To Marshall Orr for "For Refurbishing of Six Port Seawater Sampling System," \$35,921.
- IS THERE A HERBLOCK OUT THERE? Oceanus is looking for a first-rate cartoonist. Know of one? Please call X 393.
- WIVES' COFFEE - The next Wives' Coffee Meeting will be held on April 11th at the Carrage House from 10 to 11:30 a.m.



WE AREN'T THE ONLY WOODS HOLE - Louis Bishop President of Sheaffer Eaton Textron, sent Paul Fye the photograph above with a letter saying: "While travelling through Idaho City, Idaho, we discovered one of your subsidiaries". Actually, the Idaho City Woods Hole is a gift shop which sells wood products.

## PRESIDENT OF TUFTS IS 10TH JOHNSON LECTURER

Dr. Jean Mayer, President of Tufts University, is the 10th speaker in the Institution's J. Seward Johnson Marine Policy Lecture Series. He will speak about "The World Food Situation: 1978," April 4th at 4:00 P.M. in the Redfield Auditorium.

Dr. Mayer became the tenth President of Tufts University in July 1976. He is well known for his research on the mechanism of regulation of food intake and developments of experimental and human obesity, and has published approximately 650 scientific papers and several books.

During World War II, he served in the French Army and the Free French Forces. After his military service, he resumed his studies at Yale University, where he was awarded a Ph.D. in Physiological Chemistry and at the Sorbonne, where he was awarded a D.Sc. in Physiology. He then joined the Harvard faculty, where he was a professor of nutrition until becoming President of Tufts.

Dr. Mayer has also served as a member of the Nutrition Division of the FAO of the United Nations, as a consultant to FAO, the World Health Organization, and the United Nations Children's Fund. In 1969, he was appointed special consultant to the President to chair the organization of the first White House conference on food, nutrition and health.

He has served as a member of the Council of the American Institute of Nutrition, a member of the Executive Committee of the Food and Nutrition Board of the National Academy of Sciences, President of the Society for Nutrition Education and Chairman of the Food and Nutrition Section of the American Public Health Association.

## EQUAL OPPORTUNITY BRIEFING APRIL 12TH

About 50 people attended the Equal Opportunity Affirmative Action Update held March 17th in the Clark Lab to let employees know what the Institution is doing and what its obligations are. The briefing was given by Ann Hagan and Jim McClain of McClain, McDaniel, Sullivan and Fowler, Inc., the equal opportunity consultants the Institution has retained to assist with its affirmative action program.

The meeting will be repeated April 12th from 1 to 3 p.m. in the Redfield Auditorium.

## ESTABLISH OCEANOGRAPHIC CENTER IN SAUDI ARABIA

The University of Petroleum and Minerals of Dhahran, Saudi Arabia, is in the process of establishing an oceanographic center in the eastern part of the Arabian Peninsula as part of their University. In this connection, they have requested the advice and assistance of U.S. oceanographers from several institutions. As part of their planning, the Saudis intend to convene a symposium in Dhahran concerning scientific work done in and proposed for the Arabian Gulf. If anyone is interested in participating or learning more about this endeavor, please contact either Dave Ross or Art Maxwell for more details.

DRAWING - Bruce Tripp was the winner of the drawing held at the recent showing of Carl Bowin's photos at Endeavour House - Upstairs. Bruce received the photo "One Summer Afternoon".

MARINE SCIENCE LIBRARIANS TO MEET AT WOODS HOLE - The 4th annual meeting of the East Coast Marine Science Librarians sponsored jointly by W.H.O.I. and MBL will be held at Woods Hole September 28-29. For further information contact Jane Fessenden at Ext. 455 or Carol Winn at Ext. 512.

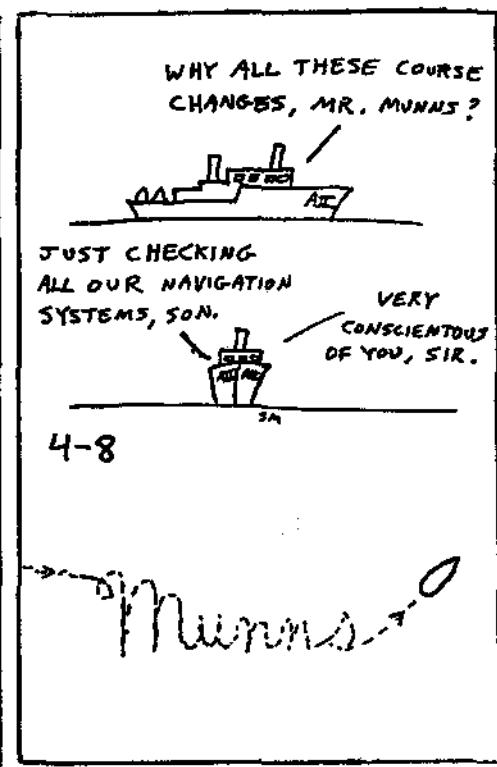
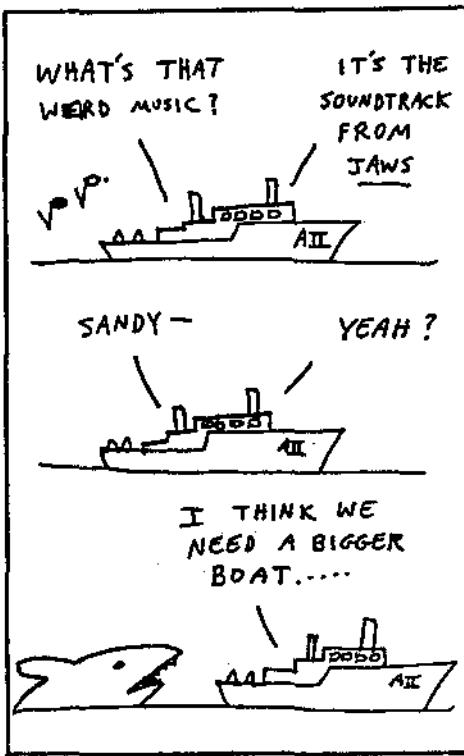
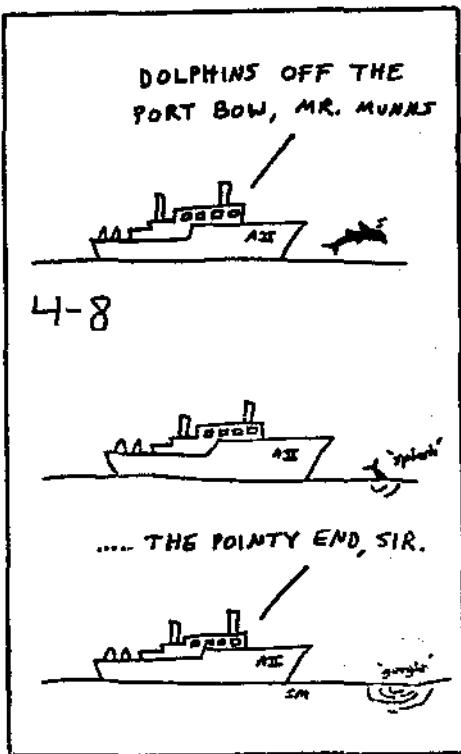
## IN MEMORIAM

Richard "Dick" Stansfield passed away at Falmouth Hospital on Sunday, February 19, 1978, following a brief illness. He was 89 years old.

Dick began his employment at the Institution in November 1942 as a laboratory assistant in Project Navy-7. He was born and educated in Lancashire, England, and immigrated to the United States in 1920, becoming a citizen in 1927.

During his early employment at the Institution, one of his responsibilities was as fire tender on the steam line at Nonamesett, where the Institution kept explosives stored for use in the Navy project. It was a common sight to see Dick at the helm of the launch LOBSTER, heading over to the island to tend his duties.

In 1950, he was reassigned as a guard, a position that he carried on until his retirement in December 1967.



"4-8" Cartoons by Steve McNutt

#### MAJOR FISH COLLECTION TO BE TRANSFERRED TO HARVARD MUSEUM OF COMPARATIVE ZOOLOGY

Over 300,000 specimens of Atlantic fishes collected by Dick Backus, Jim Craddock, and Dick Haedrich are to be transferred to Harvard University's Museum of Comparative Zoology Fish Department during the next three years. Work on the project began in February.

The National Science Foundation has awarded a \$162,200 grant to Karel Liem and William Frank, ichthyologists at the MCZ, to integrate the collection into their renovated Fish Department.

The Winter 1978 MCZ Newsletter says, "The material being transferred is probably the most important and extensive acquisition since Louis Agassiz' initiation of the Thayer and Hassler Expeditions of the mid and late 1800's. All of the specimens have been collected on modern research vessels with fine mesh net and preserved under optimal conditions. In addition, the 40,000 lots of fishes, representing over 100 families, are accompanied by extensive data, most of which is on computer printouts at WHOI.

"This major collection represents well over 13 years of research by MCZ Research Associates Drs. Richard Backus, James Craddock and Richard Haedrich (they are Associates in Ichthyology at Harvard) in almost all areas of the Atlantic Ocean. The addition of this marine fish collection, unparalleled in the history of MCZ, is one of

the high points of a long relationship between MCZ and WHOI started by Dr. Henry Bryant Bigelow and continued by Dr. William Schroeder, Giles Mead, Karel Liem and William Frank."

#### BOOK ABOUT NORTH ATLANTIC FISHES FEATURES WORK OF INSTITUTION BIOLOGISTS

W.H.O.I. biologists are major contributors to the seventh volume of the Fishes of the Western North Atlantic published by the Sears Foundation for Marine Research at Yale, which is just off the press.

Over 200 pages are devoted to a paper on "Family Myctophidae" by Basil Nafpaktitis, University of Southern California at Los Angeles, Dick Backus, James Craddock, Dick Haedrich and Bruce Robison at Woods Hole; and Charles Karnella at the Smithsonian. About 40 pages are devoted to "Atlantic Mesopelagic Zoogeography", by Backus, Craddock Haedrich and Robison.

Dick Backus said that, "The Myctophidae is the most important family of the mid-water fishes in the world ocean. We collected and provided most of the study material, drew distribution maps and described them in terms of the zoogeographic structure of the Atlantic."

Dr. Backus said, "Very few of the volumes have been as concerned with distribution as we have in part seven because people didn't have a good zoogeographic frame of reference. We devised a system of faunal regions and provinces for the Atlantic."

## NEW FACES



Lois Barry  
Staff Asst.  
Educ./A. Peirson  
Clark 223/x 200,219



George G. Ellis  
Research Asst.  
ALVIN/LULU/L. Shumaker  
Smith 301/x424



John N. Kemp  
Lab. Asst.  
O.E./P. Boutin  
Bigelow 109D/x212



H. David Leslie  
Jt. Prdg. Student  
O.E. /A. Baggeroer  
Big. 406/ x 207



Herbert Owens  
MP & OM Fellow  
MP & OM/ R. Morse  
Crowell/ x450



Herbert Wood, Jr.  
Research Assistant  
P.O./J. Dean  
SM. 307/x 240

## SCENES FROM OCEANUS CRUISE #36 → → →

George Knapp took the photos shown at right on OCEANUS cruise #36 in December.

Top Row Left - Bob Noyes, Bob McDivitt and Jim Valdez launch a pinger. Glen McKinnon is above at winch. Center - OCEANUS mast. Right - Bob Noyes, Neal Pettigrew and Bob McDivitt draw water samples from Niskin bottles.

Center Row Left - At the cookout on the fantail are Bob Martin (seated), Gene Mysona, Bob McDivitt, Hank Herschell, Bob Stanley and Paul Howland. At right are Nan Bray, Neal Pettigrew and Sammy Pierce. Middle - Nan Bray at CTD data terminal in the main lab. Right - Zofia Mlodzinska, Marshall Swartz, Bob Noyes and Dave Welch with retrieved mooring.

Bottom Row Left - Hank Herschell on bridge. Center - Neal Pettigrew and Bob Noyes retrieve CTD and rosette. Right - Bob Noyes, Val Worthington and Dave Welch. Floats are dragged into position for launching current meters.

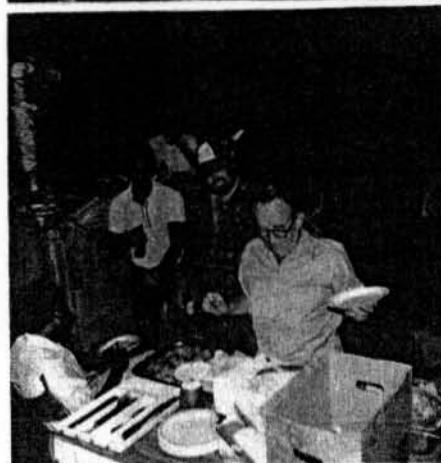
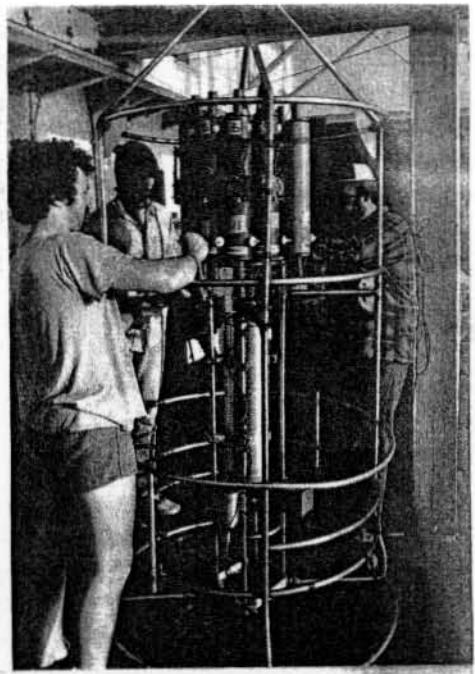
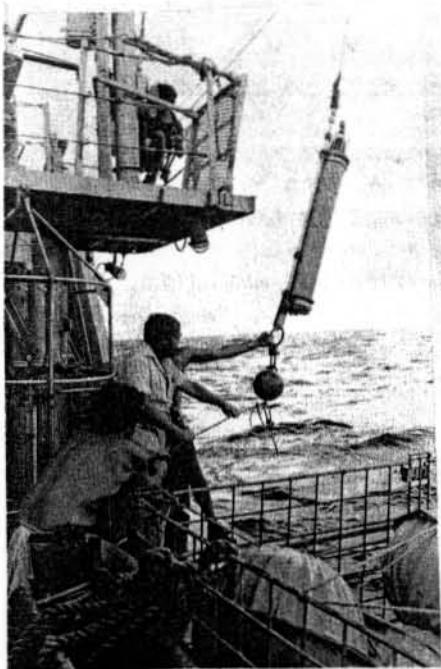
CHANGES ADDRESS - Oceanus magazine receives many requests for changes of address but few are as rewarding to read as this one:

Dear Oceanus:

Because John ----- gave me such a lovely subscription, my heart was won and we are now married. Therefore, I now have a new name and address.

MARINE OPERATIONS COMMITTEE APPOINTED - Members of the Marine Operations Committee which was created by Institution Memoranda 2-78 are: Geoff Thompson, chairman, Betty Bunce, John Burke, Bruce Warren, Doug Webb, and Peter Wiebe. The purpose of the committee is to serve as a focal point to develop recommendations concerning ship operations, new ship requirements, and ship modifications; to review and advise on procurement of scientific equipment and its maintenance aboard ships and advise on satellite communications, technical services and other shipboard science-related matters.

CABLE SPLICING, CONNECTOR PROBLEMS? - Brian Bardsley, Ext 234, is set up to do cable splicing and molding in various materials such as neoprene, PVC, and polyurethane.



## PROMOTIONS, APPOINTMENTS, RETIREMENTS

### Promotions

John E. Andrews, III - Chemistry - from Laboratory Assistant II to Research Assistant I.

Bruce R. Cole - O.E. - from Research Assistant II to Research Assistant III.

Lawrence P. Costello - Marine - from Temporary O.S./Watch to Temporary O.S./Dayman, R/V ATLANTIS II.

Thomas Crook - O.E. - from Research Assistant III to Senior Research Assistant

Steven A. Cressy, O.E., from Laboratory Assistant II to Research Assistant I.

Alan P. Fleer - Chemistry - from Research Assistant II to Research Assistant III.

Keith A. Francis, O.E., from Research Assistant I to Research Assistant II.

Allan G. Gordon, Chemistry, from Research Assistant III to Senior Research Assistant.

Robert E. Handy - Geology and Geophysics from Research Assistant I to Research Assistant II.

Ann C. Henry - Safety - from Secretary II to Secretary III.

William H. Horn - P.O. - from Research Assistant II to Research Assistant III.

Joan B. Hulbert - Education - from Library Technician II to Library Technician III.

Colleen D. Hurter - Education - from Library Technician II to Library Technician III.

Lawrence M. Johnson - Services - from Part-time Cleaner (casual) to Service Assistant.

Jane D. Kroll, G&G, from Research Assistant I to Research Assistant II.

Stephen J. Molyneaux, Biology, from Research Assistant II to Research Assistant III.

Brenda L. Olson - Chemistry - from Research Assistant II to Research Assistant III

Julianne Palmieri, Chemistry, from Research Assistant III to Senior Research Assistant.

Joseph R. Poirier - P.O. - from Research Assistant III to Senior Research Assistant

Robert R. Rioux - Services - from Truck Driver to Warehouseman

Catherine O. Scheer - Geology and Geophysics - from Research Assistant I to Research Assistant II

Kathleen L. Silva - Personnel - from Secretary II to Staff Assistant - Benefits

George H. Tupper - P.O. - from Research Assistant III to Research Associate

Toshiko T. Turner - P.O. - from Laboratory Assistant I to Laboratory Assistant II

Suzanne B. Volkmann - Biology - from Research Assistant - Data Processing I to Research Assistant Programming I

Susan Lemay - Chemistry - from Part-time Helper to Laboratory Assistant I

Richard A. Zuck, P.O., from Research Assistant II to Experimental Machinist.

### Transfers

Frederick V. Brown from Trainee-Mechanics O.E. to Service Assistant, Services

Peggy A. Chandler, from Secretary Personnel to Secretary, Chemistry.

Gerard C. Chaplin, from Electronic Technician, R/V SEAPROBE to Research Assistant III, Ocean Engineering.

Carole R. Merson, from Secretary, Education to Secretary, Facilities and Marine Operations.

---

PAPER SHREDDER MISSING - If anyone knows the location of the Sherman Paper Shredder (Model 9010; W.H.O.I. Serial #78-108) which belongs to the Personnel Office, please phone Ext. 210.

---

### SECURITY

Security is everyone's business--not just the guards.

When you leave your place of work, secure pilferable items; disconnect hot plates, coffee pots, soldering irons, extinguish lights, and lock doors and windows.

Please report losses or attempted forcible entry in writing to A. Wessling.

### FIREPLACE FUEL

Save all cardboard generated in your household. Small cartons, particularly waxed ones, make good kindling. Larger cartons, flattened and rolled, and newspapers rolled and tied, will burn for a considerable time--and it's all free.

THOUGHT FOR THE DAY - Take heart - there will be 27 paydays in 1981 instead of the usual 26.

## BLUE TRUCK TO THE RESCUE

During the "Blizzard of '78," Jake Peirson was stranded in a motor hotel on Highway 25 from Monday until Friday--a period of time Jake said was "too long." Mike Field and Charlie Innis rescued him using W.H.O.I.'s blue sanding and plowing truck. Gus Carlson recorded the event in the following tongue-in-cheek verse:

### BLUE TEAM RESCUE

*The midnite ride of Paul Revere  
was nothing compared to what went on here.  
The truck was blue, the men were true,  
and their mission no doubt was to just  
get through.*

*They had to rescue Jake 'cuz there was  
much at stake.  
The poor guy was at Howard Johnson's  
starving on steak.*

*The Governor's order meant nothing to this  
rescue team.  
Their devotion to duty was to be held in  
high esteem.*

*When they reached the poor man, he tried  
to fight them away.  
He was having a ball and wanted to stay.*

*With the help of the militia and a  
civilian or two,  
They heaved him into the vehicle so blue.*

*It's a wonderous thing, a rescue like this.  
It makes you think of blue skies and  
heavenly bliss.*

*So remember this team and whenever you get  
stuck,  
Just dial WHOI's number and request that  
blue truck.*

**UNCLAIMED CHARTS** - A big roll of charts of the eastern Mediterranean area arrived in the Port Office some time ago. No one there knows who sent them or who requested them. Please call Kittie Elliot at Ext. 208

**TO FAMILY AND FRIENDS OF SHIP'S CREW** - If you are sending a parcel via the Port Office for a ship in a foreign port be sure to indicate what is in it and the value so it will not have to be opened.

## ADVENT OF SPRING

*Undescribably green comes the spring in a  
rush undaunted by millennia of  
change since the dawn.*

*Flowers and leaves and green twigs appear  
on command obliterating in the flood  
the desolate winter gray and brown.*

*Remnants of last years leaves lie in  
patches where they fell relentlessly  
pushed aside by the growth from the  
ground.*

*Splendid sounds of bird life abound  
proclaiming the arrival of each  
spring morn and the liberation from  
winter gloom and bitter cold scorn.*

*Lifegiving sunlight on clear lengthening  
days and soil soaking rain from cloud  
laden skys accelerate growth from  
forest floor to canopy crown.*

*Unescapably the power of spring is born,  
the promise of life reigns omnipotent  
once more.*

Peter Wiebe  
May 16, 1970

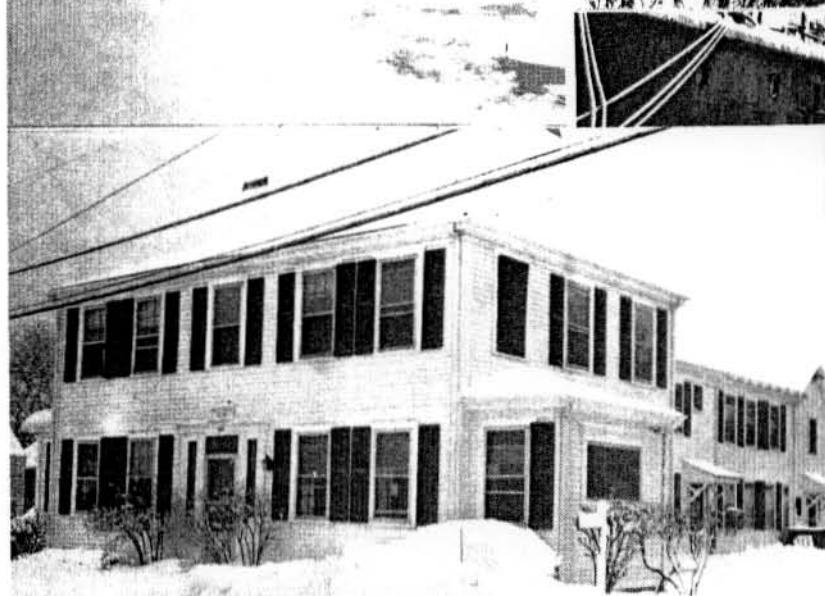
## SCRIMSHAW BRINGS \$1,500 FOR HEART FUND

The scrimshaw by Buzz McLaughlin, which he donated to the Heart Fund Auction, brought a bid of \$1,500 on February 15th. The scrimshaw, depicting the New Bedford Stone Fleet on a 12-inch piece of walrus tusk, was the third one he has donated to charity. The others brought a total of \$6,300 to the Jimmy Fund and Heart Fund.

**EMPLOYEES CAN JOIN GOLF CLUB** - Arrangements have been made for W.H.O.I. employees to join the Otis Golf Club for \$100 per year. Phone Val Wilson at Ext. 431.

**PLEASE TAKE THIS NEWSLETTER HOME.** OTHERS THERE MAY BE INTERESTED IN READING IT.

**MISSING BOOK** - Would whoever borrowed the 1975 - 1976 Janes Ocean Technology Yearbook from the UNOLS Office, please return it to Clark 135.



Woods Hole after  
THE BLIZZARD OF '78  
Photos by Don Souza

