



WHOI
DOCUMENT
COLLECTION

NEWSLETTER

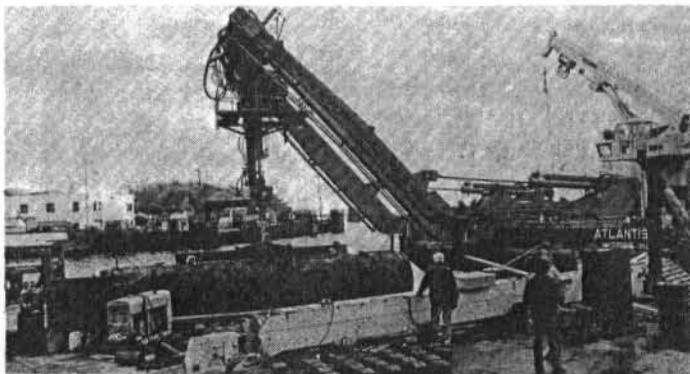
JANUARY 1984

WOODS HOLE OCEANOGRAPHIC INSTITUTION

ATLANTIS II SAILS JANUARY 24!

ATLANTIS II slipped quietly away from Woods Hole at 9:10 p.m. on Tuesday, January 24, on the first leg of extended Voyage #112. This leg will take A-II to Charleston, South Carolina, (and its warmer climate) where operational testing, exercising, and certification of the DSRV ALVIN handling system can be completed.

During this port call Barrie Walden will direct a series of sea trials to test the DSRV ALVIN handling system and a National Science Foundation Site Review team will inspect the vessel. Upon successful completion of these tests, A-II will depart on her two-year cruise which will take Captain Reuben R. Baker, Jr., and the rest of the crew to Panama and various ports in the eastern Pacific.



ATLANTIS II's new A-frame was first put to the test with a black tank to simulate ALVIN. Later tests used the real thing. Photo by Anne Rabushka.

THIRTY-YEAR SERVICE AWARDS PRESENTED, 1983 RETIREES HONORED ON DECEMBER 16

Family members, friends, and colleagues gathered December 16 in Clark 507 to honor Bill Dunkle, Paul Fye, Tom Rennie, and Eloise Soderland for their 30 years of service to the Institution. Director John Steele presented the 30-year pin and traditional aerial view of Woods

Hole to Tom Rennie and Shirley Dunkle, representing her husband Bill who was home ill. Paul Fye and Eloise Soderland had prior commitments that prevented their attendance.

Retirees in 1983 were also honored and given aerial photographs. The ten retirees are Mildred Dean, Curtis Gandy III, Earl Hays, Emerson Hiller, Charlotte Muzzey, Joseph Pucci, Alexandra "Sandi" Quigley, Jesse Stanbrough, Jr., L. Hoyt Watson, and Haskel White.

Charlie Innis was called upon to say a few words about Bill Dunkle. Bill joined the Institution staff as a draftsman in February 1953 after completing his military service. In January 1955 he transferred to Project B-16 (Hersey Group) as a Field and Laboratory Technician for which he made numerous cruises on WHOI and other institution vessels, several submarines, and in the air aboard the Institution's PBY, recording and analyzing acoustic and bathymetric data. Bill organized, cataloged, and filed records for the Hersey Group which eventually led to the formation of the Data Library now housing data from throughout the entire Institution.

In March 1963, Bill was promoted from Research Assistant to Research Associate and became a member of the Technical Staff. Bill was later assigned the responsibility of organizing the Institution's archives. As Data Librarian and Archivist, Bill is now responsible for maintaining a scientific library of data and preserving the Institution's recorded history. In connection with these duties, he has authored or co-authored about 42 technical reports and publications.

Jim Mitchell introduced Tom Rennie, who was first employed by the Institution in 1946 as an assistant engineer on the R/V BALANUS. He left shortly after to work as a steam engineer at the Falmouth Pumping Station only to return to WHOI in 1948 as a

continued on next page

THIRTY-YEAR SERVICE AWARDS continued

Refrigeration and Ship Repair Mechanic. In 1956 he again left to take over the family business. Although self-employed until 1965, he maintained a "consultant" status with the Institution and was called in from time to time as a Ship Repair Construction Supervisor. In 1965, Tom decided to leave the headaches of private business and came on board as a Senior Mechanic specializing in diesel and steam engineering, air conditioning, mechanical equipment and engine repairs.

For a time he sailed as Chief Engineer on the R/V CRAWFORD. Jim notes that during the construction and occupancy phase of the Clark Laboratory, Tom served as Plant Mechanic overseeing the installation and operation of the complex heating and air conditioning systems. His overall responsibilities now cover some 17 buildings throughout the Institution's grounds.

Eloise Soderland began her association with WHOI in 1953 as a "female computer" as the want-ad so stated. She assisted Fritz Fuglister and other "water catchers," and in this capacity she was one of the first women to go to sea on an extended voyage. In total, her seagoing career consisted of 5 cruises. From 1970 to 1983 Eloise served as Physical Oceanography Department Executive Assistant, working with chairmen Fritz Fuglister, Nick Fofonoff, Ferris Webster, and Val Worthington. Eloise retired in August; Derek Spencer presented her 30-year pin at that time.

Paul Fye first came to Woods Hole in 1942 as research supervisor in the Institution's Underwater Explosives Research Laboratory. He became the lab's research director in 1946, applying his training and experience to projects concerning the use of chemical additives in underwater explosives, the effectiveness of depth charges, and other areas. With the war's end, he returned to teaching as assistant professor of chemistry at the University of Tennessee and later went to work at the Naval Ordnance Laboratory at White Oak, Maryland. Paul Fye returned briefly to Woods Hole in 1956 to participate in the National Academy of Sciences Project NOBSKA. Two years later, as WHOI was seeking a replacement for Columbus Iselin,



Bill Dunkle



Paul Fye



Tom Rennie



Eloise Soderland

who was serving his second abbreviated term as director, Paul Fye returned to the village permanently as the Institution's fourth director.

Paul Fye was determined that WHOI play a leadership role in the era of "big science" projects, and he began implementing this directive with plans to expand the Institution in both size and scope without sacrificing its reputation for scientific excellence. Committees were established to review scientific policies, design new research vessels, develop educational programs and policies, acquire land and develop a building program. The Trustees supported his efforts, and in 1961 he was named President of the Corporation as well as Director of the Institution.

In November 1977, Paul Fye stepped down as director after 19 years of service in that capacity. He continues as president of the Corporation and remains active in the Institution's Marine Policy and Ocean Management Program and in national and international marine affairs through participation on numerous advisory boards and committees. In June 1983, he was honored by WHOI with the dedication of the new advanced chemistry building which bears his name.



Grant Gross (left) congratulates Peter Brewer, recipient of the NSF Sustained Superior Performance Award. Photo by Shelley Lauzon.

BREWER CHOSEN NSF AWARD WINNER

Grant Gross, NSF Division Director of Ocean Science, presented the NSF Sustained Superior Performance Award to Peter Brewer at a special ceremony held in December at Clark 507. The award recognized Peter's two years at NSF's Ocean Science Division where he was responsible for the marine chemistry program and its \$11 million budget. In addition, Peter served on various committees while in Washington, D.C., including work with the World Meteorological Organization and the National Academy of Science's CO₂ Assessment Committee. The recently released report from this NAS committee received widespread attention in the national press (it downplayed the "greenhouse effect" predicted in the earlier EPA report).

Although he is glad to be back at WHOI, Peter enjoyed his interactions with the NSF staff down in the nation's capitol.

JANNASCH TO RECEIVE BECTON-DICKINSON AWARD

Senior Scientist Holger Jannasch of the Biology Department has been chosen the 1984 recipient of the Becton-Dickinson Traveling Lecture Award from the American Society for Microbiology for his outstanding contributions in microbiology. The award will be presented to Holger at the group's 84th annual meeting in March in St. Louis.

UNESCO PULLOUT MAY AFFECT OCEAN RESEARCH

The recent announcement of the U.S. intention to withdraw from the United Nations Educational, Scientific and Cultural Organization (UNESCO) in 1985 may have an effect in the area of oceanographic research, reports David Ross, director of MPOM and a past U.S. delegate to the Intergovernmental Oceanographic Commission (IOC), which is part of UNESCO.

"By pulling out of UNESCO, we are not necessarily leaving the IOC," reports Dave, "because the IOC charter says that a member nation must only be part of some U.N. body. It's up to the scientific community to advise the State Department as to the value of the IOC. At present, the State Department is more positive than negative, but I don't know if that's enough for a long-term commitment."

Dave notes that the IOC, along with most U.N. committees, is highly politicized, "but it would be a shame to lose any option that gives us access to foreign scientists and foreign waters." He says that one of the major advantages of participation in these meetings is the chance to meet key marine scientists and "politicians." "The individual contacts are quite valuable, and the bottom line benefit is that it is better to be involved."

AAAS SUMMER FELLOWSHIPS AVAILABLE

The American Association for the Advancement of Science (AAAS) invites applications for summer environmental science and engineering fellowships from postdoctoral to mid-career scientists, engineers, and other appropriate professions. The fellows will work as special research consultants within the Environmental Protection Agency's Office of Research and Development in Washington, D.C. Six 10-week fellowships are available for the summer of 1984; each fellow will receive a taxable stipend of \$575 per week. The deadline for application is March 1. The awards will be announced prior to the end of April 1984. For more information contact the Education Office, ext. 2219.

OCEANOGRAPHIC SHIP NOTES

ATLANTIS II and ALVIN left Woods Hole on January 24 on the start of extended Voyage #112. (See related stories and photos on page 1 and this page.)

OCEANUS departed Woods Hole on January 9 on Voyage #144 for the University of Rhode Island. The purpose of this cruise was to deploy an array of 5 subsurface current meter moorings in the core of the Gulf Stream east of Cape Hatteras. XBT sections and inverted echo sounder stations were also taken in the vicinity of the array. OCEANUS returned to Woods Hole on January 19 only to depart three days later on Voyage #145 for physical oceanography studies. This cruise, to be completed on January 29, will continue the field program of the Long Term Upper Ocean Study (LOTUS). One surface current meter mooring will be launched and various scientific activities will be performed, including CTD stations and anchor drag tests.

On January 11, KNORR departed Cape Town, South Africa, on Leg VI of extended Voyage #104. This leg, which will carry the vessel to Punta Arenas, Chile, is for Texas A & M University. The purpose of this leg is to provide data on the general circulation of the South Atlantic and Southern Oceans. Hydrographic stations will be taken along the Greenwich Meridian from latitude 43°S to the Antarctic Continent as a continuation of the long section started on Leg IV of this voyage. On completing the section, KNORR will proceed westward to the Scotia Ridge and Scotia Sea for hydrographic stations before travelling to Punta Arenas, where the ship is due February 19.

ASTERIAS is at Cape Cod Marine Service where she is undergoing engine overhaul, equipment reconditioning, and hull repairs.

LULU's status remains unchanged. The Institution is still awaiting word from the Navy as to their intentions regarding her future use.



Ken Bazner, A-II's Bosun, relaxes in the newly refurbished Library. Photo by Anne Rabushka.

A-II LIBRARY REFURBISHED, BOOKS DONATED

The ATLANTIS II Library has been completely refurbished with new carpeting, furniture, accessories, and most importantly, new books. Carolyn Winn, WHOI Librarian, reports that three major gifts were recently added to the A-II shelves.

A-II Chief Engineer John Bizzozero donated the McGraw-Hill Encyclopedia of Science and Technology in memory of his late wife, Mary C. Bizzozero, in addition to a number of commemorative volumes. WHOI Associate Robert Gallagher generously contributed the Encyclopedia Britannica and has had a special A-II/ALVIN bookplate designed. A matching gift program from Mitre Corporation will provide additional books in the spring. Another Associate, Butler King Cooper, donated a number of books that record the development of oceanography including many classic oceanographic texts.

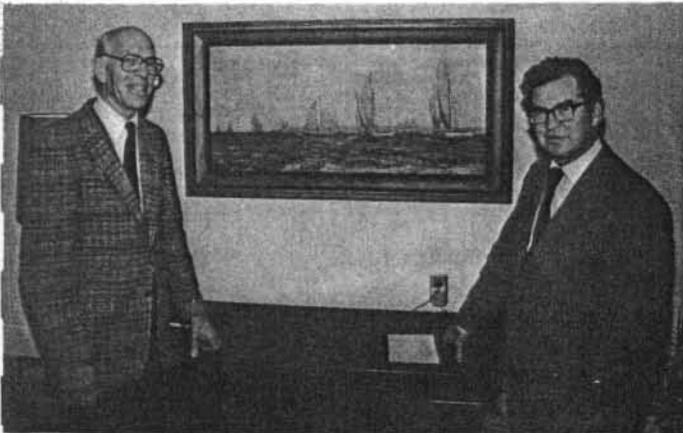
Carolyn notes that Captain Baker and the crew were also very involved in the selection of new books for the library. "I received a request list of 6 pages and was surprised at the diversity of topics," she reports. "Most choices were for non-fiction, self-education books, including texts on the English language, naval histories, Churchill's books on World War II, atlases, etc. In the area of fiction, the classics and marine fiction led the list. We've rebound the ship's set of great books of the western world, which had been well-worn in previous cruises."

GIFFORD PAINTING DONATED TO WHOI

A Franklin Lewis Gifford painting, entitled "Vineyard Sound in the Eighties," now graces a wall of the Trustees' Room in the Clark Laboratory. The painting was officially presented to Director John Steele and the Institution by Robert Griffin on December 13. Mr. Griffin is the son of Ellen Franklin Griffin of Woods Hole, who asked that upon her death the painting (done by her father) be given to WHOI. Mrs. Griffin died in October 1982 at the age of 98.

Franklin Gifford's paintings provide a visual history of the village of Woods Hole. He began painting as a hobby during his 54 years as a house painter, then took it up seriously when he retired in 1930. "Vineyard Sound in the Eighties" was done in the 1930's when the artist was well into his eighth decade. Using old pictures and relying upon his memory, Mr. Gifford painted historical scenes and accurate renderings of ships and the sea.

Born in 1854 in the house that still stands at the corner of School and Water Streets in Woods Hole, Franklin Gifford was the descendant of William Gifford, one of the village's first settlers. Franklin lived all but six of his 82 years in Woods Hole. Even when friends convinced him to allow his paintings to be displayed at the Whitney Studio (now Whitney Museum of Art) in New York City, Mr. Gifford refused to go along with them, adding to the intrigue that the press had created by calling him "a genius whose work was going to waste in



Bob Griffin presents "Vineyard Sound in the Eighties," a painting by his grandfather, Franklin Lewis Gifford, and bequeathed to the Institution by his mother, Ellen Franklin Griffin, to Director John Steele. Photo by Shelley Lauzon.

an isolated country bungalow."

His children were Ellen, who was married to the late George A. Griffin, Charles E. L. Gifford, and William Maxon Gifford, all of Woods Hole. Ellen's children are Robert W. Griffin of Falmouth, Charlotte G. Christian of Falmouth, and Gifford Griffin of Scotch Plains, N.J. Charles' son is WHOI Dockmaster James E. Gifford of Woods Hole.

BPW SEEKS YOUNG CAREER WOMAN CANDIDATES

The Falmouth branch of the Business and Professional Women's Club is seeking candidates for participation in this year's Young Career Woman Program. The Program was established in 1963 by the National Federation and recognizes the accomplishments of successful young women.

Candidates must be between the ages of 21 and 30, be employed in her career area for at least one year, live or work in the area served by the Club she represents, be outstanding in scholastic work, community service, and/or church work, and support the goals and objectives of the National Federation of Business and Professional Women's Clubs.

Applicants need not be members of BPW to participate in the program but must attend the YCW interview and reception on Sunday, February 26. The winner will represent the Falmouth Club at the District meeting on March 18. Further selection processes will choose State and National Convention representatives. For further information and applications contact Dale Goehringer, ext. 2744, or Bernice Marks, 69 Coleridge Drive, Falmouth, MA 02540, telephone 548-8997. Applications must be submitted by Feb. 6.

'C' PROGRAMMING LANGUAGE COURSE PLANNED

A course in the 'C' programming language will be offered in the Smith Conference Room on Thursdays at 10:30 a.m. beginning February 9. The course assumes knowledge of programming concepts; it is not an entry level program. For more information or to register for the course, contact Chris Lynch, ext. 2417.

PHOTO SERVICES CONSOLIDATED

Microreproduction has been incorporated into Graphic Services under the direction of David Gray, newly appointed Photographic Supervisor. (Chic Medeiros retired January 1.)

Microreproduction personnel, John Porteous and Liz Fye, will continue to process all ALVIN and ANGUS footage as well as other color slide and print photography projects in their McLean facilities. In addition, John and Liz will prepare microfiche and microfilm for the Institution, and operate the flow camera which photographs seismic profiles in long rolls, allowing up to 2000 feet of documentation on one roll of film. Other duties of microreproduction are the duplication of color slides and long rolls of film and operation of the travelling ANGUS color lab.

John notes that he and Liz have at their disposal two printing processes for high quality or less expensive color photos. The archival process (Cibachrome) lasts for periods of 50 to 100 years. The less expensive process (Agfa printing) is intended for short term photo needs.

Reproduction of figures for publications and reports and slides for talks continues, as before, at the Blake Photo Lab of Graphic Services. Other services include passport photographs and metal signs. The four photo lab personnel (Tom Kleindinst is also at Blake) are also available for lab, equipment, or other photo assignments.



MPOM was well represented at the WHOI Christmas party.



Cathy Fantasia and the One-Man Band performed a variety of dancing and listening music at the WHOI Christmas party. Photo by Shelley Lauzon.



Oceanus Editor Paul Ryan and his daughter Polly took to the dance floor along with a host of others. Photo by Shelley Lauzon.

WHOI WIVES' COFFEE HOUR SET FOR FEB. 7

The next WHOI wives' coffee/doughnut hour will be held on Tuesday, February 7, from 10 to 11:30 a.m. at Fenno House on the Quissett Campus. Everyone is welcome, especially newcomers to the WHOI community. For further information call Marge Frisk at 563-5308, Betsy Stegeman at 540-2567, or Bev Chapman at 548-3438.

UNITED WAY CONTRIBUTIONS TOP \$10K

WHOI employees topped previous levels and contributed \$10,637.00 towards the 1983 United Way Drive. Nat Corwin, WHOI's United Way chairman, thanks everyone for their generosity and his wife, Shirley, for stapling together all the mailing brochures.

NEW FACES

January 1984



Martin F. Bowen
Research Assistant
Ocean Engineering
Blake 109L/x2851
S. Harris



Thomas F. Gross
Postdoctoral Invest.
Ocean Engineering
Bigelow 105/x2225
W. Grant



Mireille Polve
Guest Investigator
Chemistry
Clark 456/2552
W. Jenkins



Tamara M. Wood
J. P. Student
Ocean Engineering
Bigelow 310
A. Baggeroer

PROMOTIONS AND OTHER PERSONNEL CHANGES

Recent appointments include:

CRAIG R. SMITH - Biology - Postdoctoral
Scholar.

Recent retirements include:

FRANK MEDEIROS - Graphic Services -
Photographic Supervisor.

ELOISE M. SODERLAND - P.O. - Departmental
Executive Assistant.

BENEFIT BRIEFS

1. BC/BS and PHC subscribers and their eligible dependents are reminded that they should either carry or memorize their identification number. If the I.D. number is not presented at the time of service, the provider may bill you directly rather than the insurance carrier for the services provided.
 2. Due to a lack of employee interest, the IRS tax preparation of 1040A and 1040EZ will not be held in February, as indicated in the December Newsletter.
 3. Contributions to a Tax Sheltered Annuity (TIAA/CREF or Fidelity) will be withheld from all 26 paychecks in 1984.
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ADDITIONS TO WHOI FAMILIES

Congratulations to Marion and Stewart Harris on the birth of their first child, Nathan Stewart, November 1 at Jordan Hospital, Plymouth. Nathan weighed 8 lbs., 9 ozs. Stu is a research specialist in O.E.

On December 14, David and Tanya Teal Sanders became the proud parents of a 7 lb., 4 oz. daughter, Carolyn Ann, at Falmouth Hospital. Dave is a research assistant in the ALVIN group.

And congratulations also go out to Dave and Sandra Aubrey on the birth of their third child, Julienne Christine, December 18 at Falmouth Hospital. Julienne weighed 7 lbs., 8 ozs. Dave is an associate scientist in G&G.



Education and Personnel joined forces at the New Seabury Club during the Christmas party. Photo by Anne Rabushka.

McKEON NAMED FACILITIES MANAGER

Bill McKeon has been promoted to Facilities Manager effective February 1, replacing Jim Mitchell who retires on March 1 with almost 25 years of service to the Institution. In the course of his years at WHOI, Jim's duties expanded to where he is now responsible for the maintenance and control of all Institution buildings and grounds, including transportation, building security and cleaning, insurance, communications, and utilities, among other items. Bill had previously served as Assistant Facilities Manager. He will gradually be taking on the duties of Facilities Manager over the next month.



Betsy Pratt was a major organizer of the O.E. Christmas party, attended by over 100 WHOI employees including Charlie Peters. Photo by Anne Rabushka.



Heidi Scheer, daughter of Eddie and Cathy Scheer, catches a cat-nap on the shoulder of Earl Young at the O.E. Christmas party. Photo by Anne Rabushka.



Chris Dunn displays his miniature BASS tripod model made by Rick Filyo. Photo by Anne Rabushka.

MARCH SCUBA CLASSES NOW FORMING

Scuba classes leading to WHOI certification are now forming for the March session. If you will be using scuba for research this year and are not already Institution-certified, call Diving Safety Officer Terry Rioux, ext. 2239, as soon as possible.

NEWSLETTER NOTICES - Please send notices, photos, or photo suggestions, and any items of interest to the oceanographic community to Anne Rabushka, editor, Co-op, ext. 2271.

FREE 55-GALLON DRUMS AVAILABLE

There are eight 55-gallon metal drums (no lids) in the student dormitory parking lot behind the Blake Building that are looking for a good home. Anyone interested in taking one or all can either pick them up or call Ed Sholkovitz, ext. 2346, or Don Mann, ext. 2873.