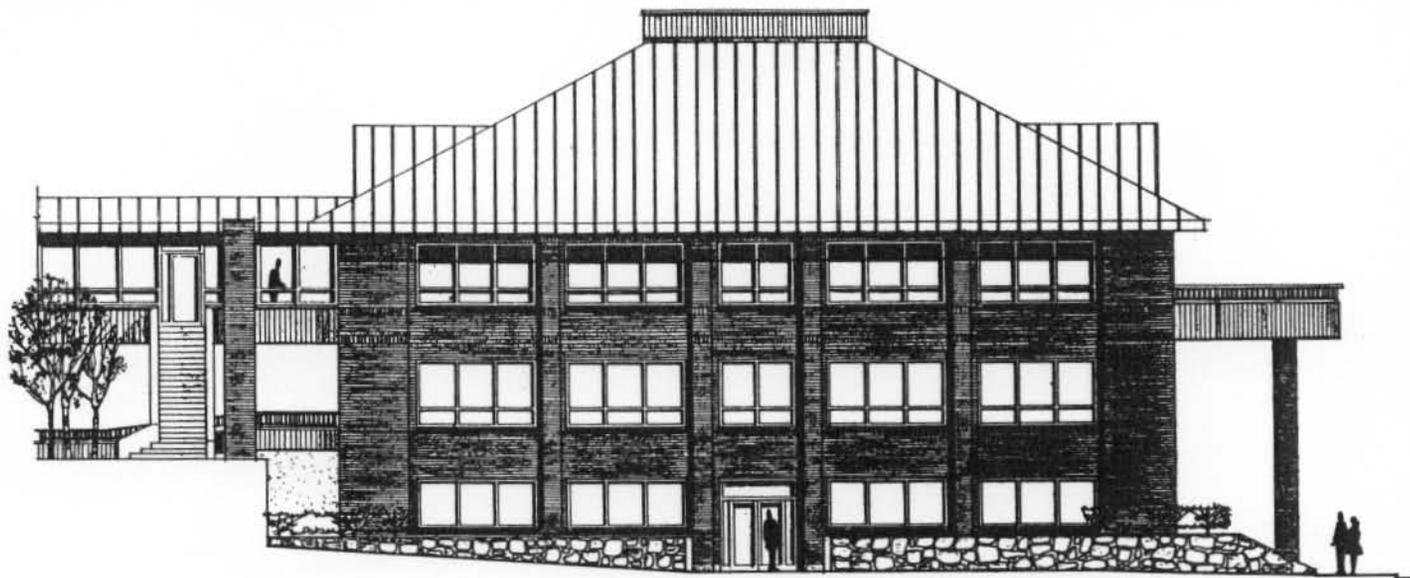




NEWSLETTER

JULY 1988

WOODS HOLE OCEANOGRAPHIC INSTITUTION



An artist's sketch of the new wing to be constructed soon on the ocean side of the Clark Building.

WHOI FACILITIES EXPAND

At present, three major projects to expand WHOI facilities are underway on the Quissett Campus. These include an addition to the Fye Lab, a major modification of the fourth floor of Clark, and the construction of an entirely new wing on the Clark Building.

The Fye Addition

Architects and engineers are now at work on construction drawings for an addition to the Fye Laboratory. Plans are to increase the size of Fye by about 3,800 to 4,000 square feet to make room for more labs and offices. The single-story addition, to be added to the Fenno House end of the building, should take 8-10 months to construct at a cost of about \$825,000. It is hoped that groundbreaking ceremonies will be held in early August.

Clark Fourth Floor

Meanwhile, modifications to the fourth floor of the Clark building have been underway for about (See **FACILITIES** on next page)

SEARCH BEGINS FOR NEW DIRECTOR

Guy Nichols, Chairman of the WHOI Board of Trustees, recently announced the appointments to the Advisory Committee that will assist in the selection of a new Director. Seven employees were chosen to serve on this committee: James Luyten (Senior Scientist), Judith McDowell (Associate Scientist), G. Michael Purdy (Senior Scientist and Chairman of the Committee), Jean Whelan (Senior Research Specialist), Barrie Walden (Research Specialist), Dana Yoerger (Associate Scientist), and Oliver Zafiriou (Senior Scientist). This committee will hold its first meeting by mid-July and will meet with the Trustees Search Committee soon thereafter.

The Trustees Search Committee was appointed by the Board of Trustees at its meeting of June 16. Members of this committee are Mildred Dresselhaus (Institute Professor of Electrical Engineering and Physics at MIT), Howard Johnson (Chairman of the Sloan Foundation and former President and Chairman of MIT), John Magee (See **SEARCH** on next page)

SEARCH (continued from page 1)

(President and C.E.O. of Arthur D. Little, Inc.), Guy Nichols (Chairman of the WHOI Board of Trustees and WHOI Search Committee Chairman), and H. Guyford Stever (former Director of the National Science Foundation).

Employee input to the search process is welcome. Those interested in meeting with Guy Nichols are invited to contact Barbara Wickenden (x2700) to set up an appointment.

FACILITIES (continued from page 1)

three months. Most of the work involves transforming the biology labs on that floor into chemistry labs. When the renovation is complete, all of the Chemistry Department currently in Redfield (except two investigators) will relocate to Clark. The two investigators will move into the Fye Addition when it is finished. Physical modifications to the fourth floor should be completed by early next year.

Clark's New Wing

The big project underway at WHOI these days is the \$2.4 million addition being constructed on the ocean side of the Clark building. The three-story structure, to be connected to Clark by a glass-enclosed 60-foot-long raised walkway, will add 19,200 square feet to the Clark facility.

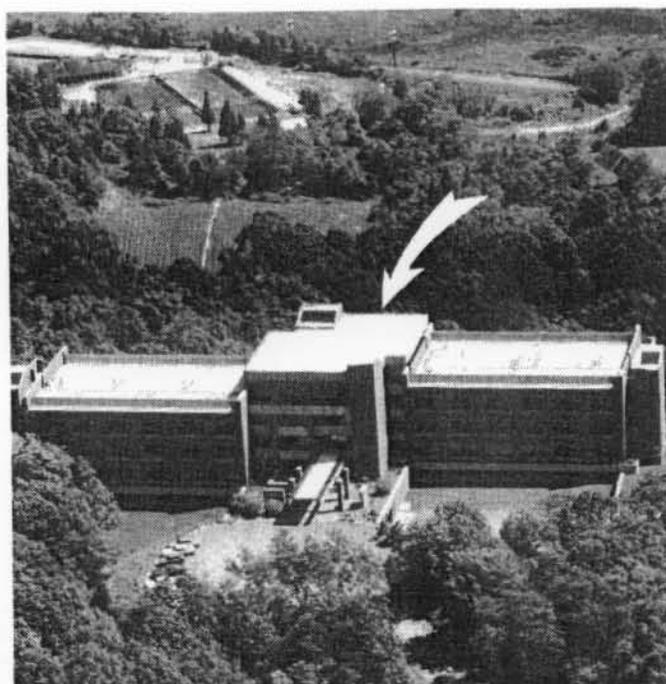
The project has been planned for over a year and a half. The first floor will be assigned to the Physical Oceanography Department, while the addition's second floor will house five dry labs and over a dozen offices for G&G. The third floor will be completely devoted to office space, except for a conference room adorned with a cathedral ceiling, a large skylight, and a balcony overlooking Vineyard Sound. The building will also feature a widow's walk on the roof.

When completed, the addition will be accessed from the main building via the glass-enclosed walkway (extending from the back of the Clark lobby to the third floor of the addition) and via a sidewalk underneath the raised walkway (extending from the first floor of Clark to the second floor of the addition). There will also be entryways on the south and west sides of the square building, and an elevator near the door on the south side.

The exterior of the addition will be finished in the same brick as Clark and will feature a pitched patina green metal roof. Landscaping will include

STAFF COMMITTEE FORMS FOR 1988

The Staff Committee was late this year in forming, but has made up for lost time with numerous meetings since April. Continuing members from last year are James Churchill, Donald Koelsch, Hans Schouten, and Martha Tarafa. New members are Paul Dragos, Dale Goehringer, Roger Maloof (the new Chairman), and Edward Peltzer. The committee encourages employees to contact them with their concerns.



Aerial view of the Clark Building with an arrow indicating where the new wing will be built on the ocean side of the building.

encircling the structure with "rip-rap" boulders, which will themselves be encircled by a sidewalk. In the future, a road will probably be constructed between CRL and the ocean side of the new building.

Steel erection is expected to begin in August, and the structure will begin to be enclosed during November or December. The project will employ roughly 50 craftsmen from surrounding areas and should be completed early next year. During the construction period, the rear exits of Clark will be blocked off, and employees are encouraged to use caution in this area and avoid it if possible.

WHOI AREA CODE CHANGES TO 508 THIS MONTH

617 CODE SERVES ONLY BOSTON AREA NOW

On July 16, our state will gain a new area code: 508. All of southeastern Massachusetts, the east-central part of the state, and the north shore will be included in that area code. Consequently, after mid-month the Institution's new phone number will be (508)548-1400.

As reported in the March Newsletter, the new area code is being added because of increased demands for telephone service within the 617 area, particularly in Greater Boston. As a result, Boston, Cambridge, and 60 surrounding towns will retain the 617 area code, while outlying areas, including our own, will fall under the new 508 code. Numbers in western Mass. (413 area code) will not be affected by the change.

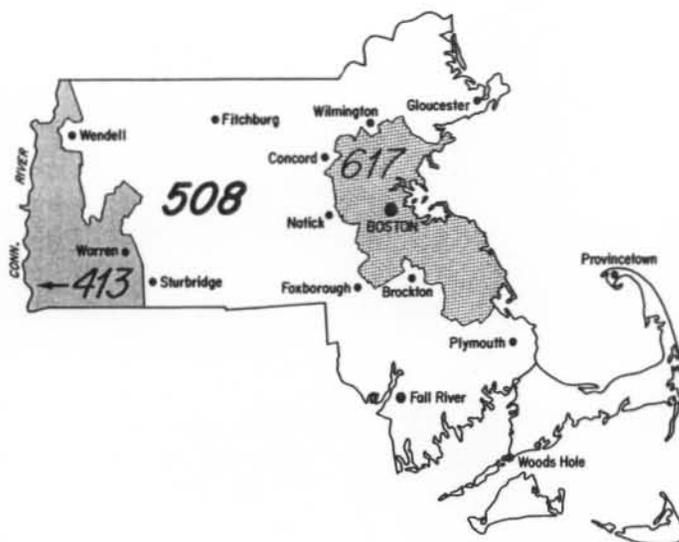
To make the transition easier, the phone company will allow a "permissive dialing period" from now until October 14. During this time those dialing either the old (617) or the new (508) area code will reach the Institution. Then, from this October until October of next year, those who try to reach the Institution using the old area code will get a recording informing them of the change to the 508 code. New England Telephone says that the addition of the new code will not affect phone rates; calls that are not currently toll calls will not become toll calls.

Institution employees will still use the 89 WATS line when calling numbers within Massachusetts. However, calls to the Boston area must now include the 617 code.

The change is discussed in detail on pages 22-25 of the Falmouth Telephone Directory. If you have a question not covered in the directory, call (800)555-5000.

WHOI EMPLOYEE PICNIC BEING PLANNED

The 1988 WHOI Summer Picnic is now being organized. The tentative date for the picnic will be Sunday, August 14, and the event will probably be held on the Fenno House grounds. Though the Institution will supply drinks and some food, participants are encouraged to bring food as well. Volunteers are being sought now to help with the preparations. Interested persons should contact Charlie Innis at x2279.



A map of the Massachusetts area codes.

UPDATE ON VNA CHILDCARE CENTER

Construction of the building to house the VNA Childcare Center on Ter Heun Drive is nearing completion, and plans are underway to open the center in early September. Formal enrollment cannot begin until the center is licensed by the state (anticipated around August 1), but applications, pending licensing, will be taken beginning July 15.

The Center's newly hired director, Lauren Melillo, has several years experience as director of a New Jersey hospital-affiliated childcare center serving 90 children. She is currently interviewing potential staff members for the center.

A concert at the Cape Cod Melody Tent on August 23 featuring Pearl Bailey will benefit both the childcare center and the Visiting Nursing Association of Upper Cape Cod. Tickets at \$35 each--or \$100 including a champagne reception with Ms Bailey--as well as applications for enrollment are available from Vicky Cullen (Blake Building, x2719), chairman of the childcare center's board of directors.

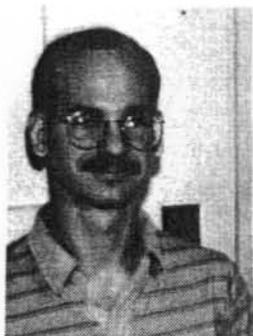
DAN FRYE SETS RECORD IN THE MILE RUN

Dan Frye of Physical Oceanography recently set a new record in the mile run for people over the age of 40. In a race run at Union College in Schenectady, New York, Dan led a five-man field to finish the race in 4:22. Dan has been "running seriously" for about 6 months and recreationally off and on for the last 25 years.

NEW FACES



Darlene Bianca
Res. Asst. III-Biology
Biology
Redfield 3-40, x2311



Wayne Blanding
J.P. Student
Education
Bigelow G-8, x6099



Edward Brook
J.P. Student
Education
Clark 419, x2518



Jeffrey Burke
Lab Asst. II-Mechanics
Ocean Engineering
Smith 111A, x2263
D. Frye



Socrates Carelo
Res. Asst. I-Comp. &
Comm. Sys., ALVIN
Smith 301, x2579
B. Walden



Jeffrey Dusenberry
J.P. Student
Education
Redfield 2-30, x2314



John Furgerson
J.P. Student
Education
Bigelow 415, x2207



Marc Hackel
Lab Asst. I-Data Proc.
Geology & Geophysics
McLean 205, x2514
L. Keigwin



John Hallinan
Research Engineer
Ocean Engineering
Bigelow 308, x2209
D. Frye



Robert Headrick
J.P. Student
Education
Bigelow 415, x2207



Ee Lin Lim
Research Asst. I-Biology
Biology
Redfield 3-24, x2564
D. Caron



Matthew McKenzie
Lab Asst. I-Chemistry
Chemistry
Redfield 3-16, x2754
O. Zafiriou



Bruce Miller
J.P. Student
Education
Bigelow 414, x2659



Robert Nelson
Senior Fellow
Marine Policy Center
Student Center, x2496
J. Broadus



Cheryl Newton
Accounting Asst.
Controller
Challenger, x2325
V. Lefavor



Guy Patierno
Part-time Helper
Facilities
Blake 109D, x2262
J. Corr

PERSONNEL CHANGES

Sheila Clifford (Biology) from Laboratory Asst. II-Biology to Research Asst. I-Biology.

Pam Goulart (Education) from Part-time Helper to Clerk/Typist.

Claire Reed (Physical Oceanography) from Executive Asst. I to Executive Asst. II.

Katherine Walsh-from Switchboard Operator/Receptionist (Facilities) to Staff Assistant II (Biology).

SOFTBALL LEAGUE ENTERS 15th SEASON

With the arrival of summer the Woods Hole Softball League is in full swing again with eleven teams participating. Members of various departments within the Institution make up eight of the participating teams, with MBL, NMFS, and New Alchemy fielding one team each. The league, which has been in existence for about 15 summers, holds informal games in the afternoons after work at the Bell Tower and Falmouth Heights playing fields.

The games tend to be more social than competitive, and everyone gets to play. There are no strike outs, no walks, no stealing bases, and the team at bat also serves as umpire! Also, there are no formal standings kept, no playoffs, and no trophies. However, there is a lot of fun and good exercise, and there's still room on the teams for more players. Game schedules are posted on the departmental bulletin boards, and those interested in playing should contact the manager whose name is listed by their team of choice. By the way, WHOI provides the bats, balls, and bases, but the team members provide their own refreshments.



James Preisig
J.P. Student
Education
Bigelow G-7, x2715



Cheri Recchia
J.P. Student
Education
Shiverick, x2825



Randall Richards
J.P. Student
Education
Bigelow 414, x2659



Yair Rosenthal
J.P. Student
Education
McLean, x2884

(more **NEW FACES** on next page)

NEW FACES

(continued from preceding page)



David Schubert
J.P. Student
Education
Clark 358B, x2533



Matthew Sharpe
J.P. Student
Education
Bigelow 408, x2298



Theresa Shepley
Staff Asst. II
Ocean Engineering
Smith 301J, x2378
H. Berteaux



Liese Siemann
J.P. Student
Education
Shiverick, x2605
P. Tyack



Roxanna Smolowitz
Visiting Investigator
Biology
Redfield 3-42, x2368
J. Stegeman



Michael Toner
Painter
Facilities
Smith 121, x2211
E. Phares



The WHOI Exhibit Center, located in the Endeavour House on School Street, is now open for the summer season. Hours are from 10 a.m. to 4:00 p.m. daily except Sunday. (Photo by Rob Brown.)



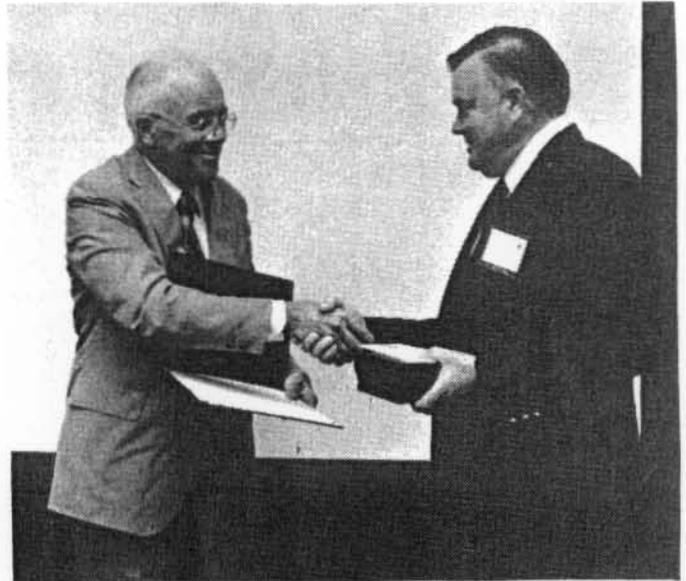
On June 7-8 the Marine Policy Center hosted a conference entitled "Toward Developing a National Marine Electronics Agenda" in Clark 507. Approximately 40 representatives of business, government, and academia met at WHOI for the occasion. Pictured above is a round-table discussion that included WHOI's Hartley Hoskins (third from left) and Arthur Gaines (far right). (Photo by Rob Brown.)

OCEANOGRAPHIC SHIP NOTES

ATLANTIS II and ALVIN arrived in Astoria, Oregon, July 2 to complete Leg 36 of extended Voyage #118. The vessels departed July 6 to continue working off the Oregon/Washington coast on seafloor geology. A-II and ALVIN are scheduled to arrive in Seattle July 28, departing on August 1 for Leg 38. The next scheduled port call is Astoria, Oregon, August 23-27.

KNORR arrived in Istanbul, Turkey, on July 9, marking the completion of four legs of the six-leg 1988 Black Sea Expedition. The ship is scheduled to depart July 13 to continue chemical studies of present day anoxic environments. Return to Istanbul is scheduled for July 29, with departure on the last leg of the Black Sea program August 1.

OCEANUS returned to Woods Hole on July 4, completing Voyage #201. After a week of dockside preparations, the ship departed July 11 for a three-month European expedition for physical oceanography and ocean engineering studies. A port call will be made in Reykjavik, Iceland, July 21-23 following transit from Woods Hole. Other port calls during the trip will be Funchal, Madeira Islands (August 7-10 and September 1-4) and Cadiz, Spain (September 19-21 and 28-29).



Guy Nichols (left), Chairman of the WHOI Board of Trustees, presents the Henry Bryant Bigelow Medal to Douglas Webb at the conclusion of the Annual Meeting on June 17. Co-recipient Hans Thomas Rossby will receive his award when he returns from sea. Lectures by the two men will be given in the fall. (Photo by Shelley Lauzon.)

WHOI HOSTS ONR OMNIBUS SITE REVIEW

During the week of June 20th, the Institution hosted the Office of Naval Research omnibus site review. The review, also known as the "omni," was an opportunity for WHOI scientists to describe their research to representatives of the government agency that provides approximately 30% of the Institution's annual operating budget.

A total of 54 presentations were given by scientific and technical staffs from all five departments in Clark 507. Scientists at the review requested funding for various projects. WHOI's total request for ONR funding over the next two years is \$13.7 million--\$7.5 million the first year and \$6.2 the second year. This year's overall proposal was entitled "Atlantic Oceanography."

Though results of the review will probably not be formally announced until August, Bob Gagosian, WHOI Associate Director for Research and coordinator of the Institution's review effort, believes the presentations went well. "Based on feedback from ONR representatives at the review, we're quite encouraged," Bob says.

The Institution was fortunate to have several members of the ONR Directorate present at the review, including Bruce Robinson (ONR Director of

Contracts Research), Eric Hartwig (Director of the Ocean Sciences Directorate), Alan Weinstein (Director of ONR's Ocean and Atmospheric Physics Division and omni coordinator), and Steven Ramberg (Acting Director of the Ocean Engineering Division of ONR). Fifteen other representatives from ONR, as well as three from NSF, also attended.

The ONR Directorate was given a tour of the Buoy Lab and DSL, and they also met with the WHOI Directorate and Staff Council. At the beginning of the presentations, WHOI Department Chairmen briefed them on examples of exciting new areas of research at the Institution. The WHOI Directorate focused on education, staff profile changes, physical plant changes, and data communications in their discussions with ONR.

In addition to the omni, a review of the Data Telemetry, Assimilation and Ocean Modeling Department of Defense-University Research Initiative Program was held on June 22. This was the mid-term review of this five-year program, which is funded by the Department of Defense and contracted to WHOI, with subcontracts to MIT and Harvard.



ASSOCIATES ACTIVITIES AROUND WHOI

Associates Gordon and Alice Todd (above left) dance at the Dinner and Reception for Associates, Trustees, and Corporation Members held on June 17 under a tent at Fenno. John Bullister (above right) presented a science lecture to the Associates earlier in the day. (Photos by Shelley Lauzon.)

On June 24, Associate Volunteer Orientation was held at WHOI. The Volunteers were welcomed back for another season and given their assignments and general information on the Institution before gathering for a picnic on the lawn next to Endeavour House (below). (Photo by Rob Brown.)



WHOI RECEIVES GRANTS FROM ARTHUR VINING DAVIS, G. UNGER VETLESEN, AND PEW FOUNDATIONS

The Institution recently received a grant of \$150,000 from The Arthur Vining Davis Foundations of Jacksonville, Florida, in support of the Institution's Joint Initiative Awards program. The Joint Initiative Awards, established in 1987, enable scientists from different disciplines to collaborate and focus on a common research problem. A principal aim of the awards, granted for a period of two to three years, is to provide a means for the Institution to develop creative multi-disciplinary research initiatives to a point where they can gain federal funding.

The Institution has also received a grant from the G. Unger Vetlesen Foundation of New York for \$100,000. This unrestricted grant in support of WHOI research activities has been allocated to the Director's Innovative Fund, which provides support for unique and innovative research that does not have immediate funding through the federal funding system but that the Institution feels deserves support.

The Pew Charitable Trusts of Philadelphia have awarded the Institution a grant of \$450,000 to be used over two years to support studies of sea-level rise and marine biological diversity as part of The Changing Global Processes and Ocean Conservation Project. The Project, which is being conducted by WHOI's Marine Policy Center, will identify and analyze the implications of global change for ocean conservation.