
NEWSLETTER

WOODS HOLE
OCEANOGRAPHIC INSTITUTION



MAY 1991

Marine educators convene at WHOI

Two local educators were recognized for their contributions to science at the 15th annual conference of the Massachusetts Marine Educators (MME). The conference was held at the Oceanographic in April.

Dr. Susan Humphris, dean of the Sea Education Association and adjunct scientist at WHOI, was the recipient of a Certificate of Appreciation. Anne Smrcina, public information and education specialist for the Massachusetts Coastal Zone Management office also received a certificate of appreciation. Anne, a North Falmouth resident, is a member of the MME board of directors.

MME is a non-profit organization of teachers, students, educational institutions, and others aiming to develop a marine literate society and to promote awareness of the ocean world by integrating marine studies into existing curricula. This year's conference, attended by more than 130 marine educators from around the state, featured educational seminars, workshops, demonstrations, and tours. Speakers included Humphris, who told of her geological research in her presentation entitled "Hot Springs on the Mid-Atlantic Ridge;" Dave Ross, coordinator of

Photo by Mike Raymond



The KNORR is undergoing final preparations before its return to Woods Hole in late July. One of two cranes added to the vessel is visible in this photo, which was taken in April. To the left of the crane is one of two hangars constructed during the overhaul.

the WHOI Sea Grant Program, who spoke on "Marine Science for the Public;" and Dale Goehring, research associate in the Biology Department, who described her work in the Antarctic in a presentation entitled "Living and Working at Ten Below Zero: Research in the Dry Valley Lakes of Antarctica."

Earlier this year, MME and WHOI Sea Grant co-sponsored an art contest for high school students throughout the state. The organizations displayed entries and announced winners at the April conference. Student winners received marine-related books made possible

by WHOI Sea Grant; their teachers received a one-year complimentary membership to MME.

As in past years, the conference was co-sponsored by WHOI, MBL, and the Fisheries Service. Conference co-chairmen were Lee Anne Campbell, communicator for the WHOI Sea Grant Program, and George Duane, teacher at Framingham North High School. Other Woods Hole liaisons for the MME Conference were Ellie Armstrong of MBL, Donald Flescher of the Fisheries Service, and Susan Humphris and Gretchen Rollwagen of the Sea Education Association.

WHOI employees help out in Cape Cod beach clean-up

Nine WHOI employees collected 12 bags of trash during their clean-up of Trunk River Beach and a section of Surf Drive last month.

The clean-up was one of many held throughout Cape Cod in honor of Earth Day and was organized by the Coastal Zone Management (CZM) Advisory Committee and the Cape Cod Commission.

WHOI Research Specialist George Hampson, a member of the CZM Advisory Board, coordinated clean-up efforts in Falmouth. The WHOI coalition was headed by Nancy Green. WHOI employees participating in the clean-up were Ernie Charette, Bruce Lancaster, Fred Keller, Hovey Clifford, Dale Leavitt, Rick Galat, Bruce Tripp and Sonya Hagopian.

Trash was disposed of at the SEMASS incinerator rather than dumped in landfills.

Photo by Sonya Hagopian



Plant Supervisor Fred Keller does his part during Cape Cod's Earth Day beach clean-up. Nine WHOI employees participated in the event.

Tips on procedure from the WHOI Travel Office

As employees who travel frequently already know, there have been several changes in the distribution of work at Challenger House, leading to some confusion over travel procedure. Essentially, the procedure has remained the same — it's the people who handle the paperwork and travel arrangements that have changed.

To help travelers find their way around Challenger, the Travel Office offers the following tips:

— Advance requests, travel authorizations and disbursement of traveler's checks are being handled by Donna Lamonde at ext. 2332.

Before airline tickets can be issued, employees must fill out an Advance Request and Travel Authorization form. Instructions appear on the reverse side of the form. All airfare and car rentals billed directly to WHOI will be charged according to the information provided on this form.

If registration fees are to be sent, they will also be charged according to this information.

Employees who request a travel advance should arrange to have the check picked up or sent directly to them. Doing so will greatly reduce the number of checks that must later be voided.

— Travel arrangements can now be made through Garber Travel by either Suzanne Bolton or Laura Guenard at ext. 3211 or 3266. They will handle car and hotel reservations as well as flight scheduling. Tickets can be issued and distributed through the Garber office located at the rear of Challenger House.

No tickets can be issued by Garber without project and log information provided by Donna Lamonde based on travel authorization forms.

Last minute arrangements tend to be costly and should be avoided.

— Upon completion of a trip, employees must submit a Travel Expense voucher to account for money spent. Those who received a travel advance greater than the amount of expenses claimed should attach a check payable to WHOI for the amount owed. The check should be submitted to the Travel Office properly approved, with all required documentation attached, within 10 days of completion of travel. Those who did not have a travel advance and are not requesting reimbursement for expenses do not need to submit an expense voucher.

Expense vouchers and travel accounts are being handled by Pierrette Ahearn at ext. 2485.

— If there is a change in the account to which travel is billed, a written request for a transfer, with approval from the person with budgetary responsibility, should be submitted to the Travel Office.

International policy makers visit WHOI

Science counselors from the embassies of Great Britain, Hungary, India, Norway, Portugal, and Saudi Arabia spent three days in Woods Hole this month to get an overview of the Institution's international programs and a look at its domestic concerns.

The group toured labs, heard lectures, and had a chance to discuss ocean science with each other and staff scientists.

"We now have good contacts with people in almost every country that our researchers can use when necessary," explained Sallie K. Riggs, director of communications, who organized the visit. "I greatly appreciate the time and effort everyone here put into the preparations. And I've heard from our visitors about how much they appreciated and learned from the many talks and lab visits."

Associate Director for Research Bob Gagosian spoke to the group on "Funding a Private U.S. Research Institution;" Associate Director for Education John Farrington spoke on "Ocean Science and Ocean Engineering Education;" Senior Scientist Dave Ross gave an introduction to oceanography including discussions on the Law of the Sea and legal regimes.

Scientific talks included "Research on Global Warming and Sea Level Rise" by Andy Solow; "The Global Mid-Ocean Ridge System" by Marty Kleinrock; "World Ocean Circulation Experiment" by Terry Joyce; "Black Sea: An Example of International Research Cooperation" by Dave Aubrey; "Joint Global Ocean Flux Studies" by Hugh Livingston; "Coastal Ocean Processes" by Bob Beardsley; and "Red Tide and Toxic Algae" by Don Anderson.

A message from Bob Hindley

Facilities Services Supervisor Bob Hindley asked that the following open letter to WHOI employees be printed in the Newsletter.

An open letter to the staff of the Institution:

I wish to thank all of you for your support, love, prayers, and cards during my recent illness. There were some dark days for me over the winter months, but with the spring weather renewal and regrowth have taken place. I have returned to work and continue to put my life back in order again.

I especially want to thank two people for their sensitivity and concern. They are Director Craig Dorman and Bill McKeon. With the ambitious program they put into place, I would hope that the people of the Institution have a heightened awareness of this illness.

And to you all, my fellow co-workers, my wife Pam, my daughter RYANNE and I thank you for your many kindnesses, concern, and offers of help during the past several months. You have all touched me deeply, and I stand in your debt.

Dedication planned for AMS facility

The dedication of the National Ocean Sciences Accelerator Mass Spectrometry Facility, located in the McLean Laboratory, will be held Friday, June 14 from 2 to 4 p.m.

The facility, funded by the National Science Foundation and operated by WHOI for the ocean science community, is the most advanced of the seven AMS facilities in the world.

AMS, a carbon dating technique that scientists began using in the mid-1980s, operates 10 to 20 times faster than traditional dating methods and can date objects 10,000 times smaller. The Woods Hole facility is

expected to date some 4,300 samples a year. It will be used extensively in the World Ocean Circulation Experiment (WOCE) and the Joint Global Ocean Flux Study (JGOFS).

A poster session and tours of the AMS facility will begin at 2 p.m. on June 14. The dedication will begin at 3 p.m. WHOI Associate Scientist Glenn Jones, director of the AMS, will speak about the science the new facility will make possible.

The tours and dedication are open to all WHOI employees. Light refreshments will be served.

Device available to test muscle strain

Safety Officer Eric Spencer has a pocket ergometer available for loan to employees to test levels of muscle stress in various work positions.

The ergometer can be attached to wrists, neck, or lower back, and gives feedback on the amount of tension in a muscle while held in a

certain posture or performing an activity. The device has four settings to provide the correct level of sensitivity for different activities, from relaxing to heavy activity.

For more information, or to arrange to borrow the ergometer, call Eric Spencer at ext. 2242.

Employee directory will be available on-line

IPCL is providing people using the WHOI network, WHOInet, with an on-line directory of employee information, including a person's name, extension, address, department, title, and e-mail address. This Electronic Directory Service will be available for use by May 24. There is no cost to use the service and it will be updated monthly to provide accurate employee information.

WHOInet users can access the Electronic Directory Service through the use of a "finger" program. Finger is a network-wide program that lets users query computer systems about people on those systems. The WHOI VAXcluster already has finger, so everyone on the VAXcluster can use it to access the Electronic Directory. If you have a VAX/VMS system that is not on the VAXcluster, contact

John Krauspe at ext. 3262 for information on how to obtain finger software. Anyone on UNIX-based systems and personal computers (except Macintosh) that has a WHOInet network connection and finger software can also access the Electronic Directory. UNIX-based systems usually come with finger and IPCL has a site license for finger software on personal computers (PC). Call the PC Support Group at ext. 5005 for more information about having it installed on a PC. IPCL is working on supporting finger for the Macintosh, but it is not yet available. If you need a connection to WHOInet, contact Michael Pare at ext. 2861.

Using finger to access the Electronic Directory is as simple as

typing a specific query with either a person's first and last name or a key identifier, which uniquely identifies one person (for example, Andy Maffei's key is "maff-an"). If you don't know someone's name, finger lets you guess it. IPCL has a one-page *Electronic Directory Service* reference card that explains the service and gives examples of how to use finger. Call the IPCL Office at ext. 5001 for a copy of the reference card. The Electronic Directory Service also has on-line help files for reference.

To change any information in the Electronic Directory Service except electronic mail addresses, call the Personnel Office at ext. 2253. Contact IPCL's User Services at ext. 2417 to change your e-mail address.

IPCL acquires use of database system

The Information Processing and Communications Laboratory (IPCL) has negotiated an agreement with Sybase Inc. allowing WHOI to use the company's database management software at a discount.

The Sybase database management system (DBMS) allows users to store data on any computer on the network, retrieve it, and create reports. The system can be put on almost any computer at WHOI and use data stored on other computers via the WHOI computer network. With a common DBMS, employees can have the same interaction with the database regardless of which computer they use.

If you would like a demonstration, contact John Krauspe in Clark 156 at ext. 3262, or by e-mail using jkrauspe@whoi.edu

Ship notes

ATLANTIS II/ALVIN

ATLANTIS departed Acapulco, Mexico May 2 on Leg XXV of Voyage #125. This leg carried the vessel to San Diego, California.

The purpose of the cruise is to study the intra-transform spreading centers of the Sequeiros transform feature. The program focused on petrological/geochemical characterization of lavas; mapping volcanic morphology and structural features, determining the structural history, and understanding the tectonic processes that have influenced the development of the Sequeiros transform.

A total of 18 dives by DSV ALVIN were made.

OCEANUS

OCEANUS departed Ponta Delgada, Azores, May 1 on Leg II of Voyage

#239. This leg will carry the vessel to Funchal, Madeira.

The purpose of the cruise is to initiate the field program of the Subduction Experiment, a multi-year study of the mechanism by which water masses formed in the mixed layer and near-layer surface of the ocean find their way into the upper thermocline.

Scientific activities included SEASOAR tows, CTD/rosette casts, pumping stations, deployment of BOBBER floats, deployment/recovery of a Drifting Listening Station and deployment of four Automated Listening Stations (ALS) moorings.

KNORR

KNORR is expected to be delivered to Woods Hole in late July, following completion of its upgrade and shipyard work in Louisiana.

Underwater hockey team tops tournament

Cape Cod's underwater hockey teams, which include a large contingent from WHOI, gained recognition recently with a first place finish at the Southeast Invitational Underwater Hockey Tournament, hosted by East Carolina University March 16-17.

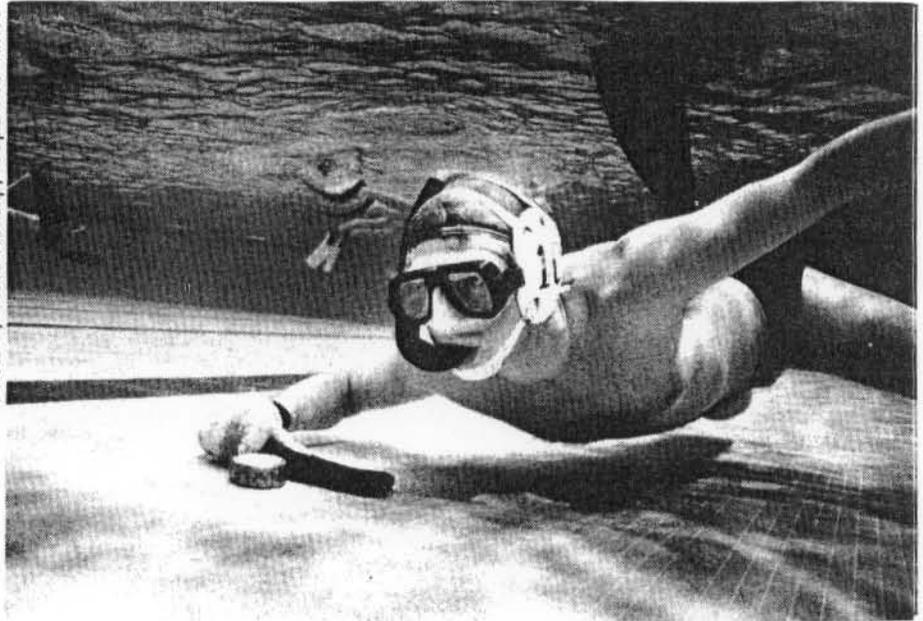
Cape Cod sent two teams to the tournament, which served as a warm-up for the National Championships that will be held in San Francisco this month. WHOI players included Dave Caron, Dale Leavitt, Sarah Little, Al Pleuddemann, Stacy Kim, Andrea Arenovski, and Melora Park Samelson.

Fifteen Cape Cod players travelled to Greenville, North Carolina, in a luxury 27-foot motor home guaranteed to sleep six. After a 16-hour drive, the teams arrived at ECU, where they slept in the university's Maritime History Building.

The first day of competition was a round robin among six teams: Cape Cod Black, Cape Cod Tan, East Carolina Purple, East Carolina Gold, Ft. Pierce (FL) Trichos, and West Palm Beach (FL). There were many close games that were kept under control by player referees. Stacy Kim had to throw one player from Florida out of the game for talking back. At the end of the day, the Cape Cod teams were seeded first and fifth for the finals on Sunday.

Because of its first place seed,

Photo by Steve Heaslip, Cape Cod Times



Lab Assistant Kendall Banks, a member of the Cape Cod underwater hockey team, dives for the puck.

the Cape Cod Black team had a bye in the second round following a win in the first round against the ECU Gold team. The Cape Cod Tan team drew the very strong Ft. Pierce Trichos as their first round opponents. Although the Cape Cod Tans wore down the Trichos for their succeeding rounds, the Tans lost the game and retired from the single elimination finals. The Trichos continued to the finals by defeating West Palm Beach in the second round. The Cape Cod Black and the Ft. Pierce Trichos were

matched for the final championship game, which the Black won easily, with a score of 8 to 2.

The Blacks came home with the first place trophy as well as new face masks and snorkels as individual prizes.

Underwater hockey is open to everyone, including those who have never heard of the sport. Weekly scrimmages are held Sunday nights from 7:30 to 9:30 p.m. at the Sandwich public pool. Call Stacy Kim at ext. 3310 for more information.

WHOI Recycling Committee names new chair

The WHOI Recycling Committee and its band of volunteers continues to recycle computer and office paper out of its Redfield and Facilities Plant collection sites. Since Sept. 19, 1990 more than 17,721 pounds of paper has been sent to South Shore Recycling.

The committee asks that those who have been recycling continue to

do so, and reminds newcomers that WHOI recycles.

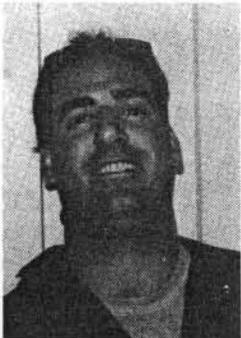
The recycling committee has named John Molongoski its new chairperson, succeeding Susan Kadar. The committee has also added a new member, Mark Dennett.

The Town of Falmouth Recycling Committee meets the first Wednesday of every month at 5:30 p.m. in

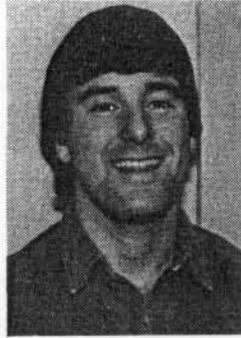
Town Hall. It welcomes ideas and volunteers. The committee arranges collection and recycling of milk and water jugs, aluminum, metal cans, and glass at the town landfill on Thomas Landers Road and other locations around Falmouth.

For more information contact Dave DuBois at ext. 2586.

NEW FACES



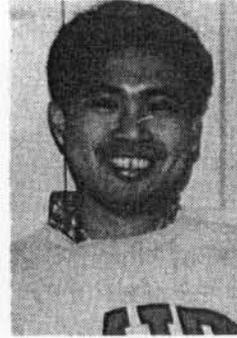
James R. Carter
Warehouse Worker
Services
Quissett Warehouse
Ext. 2762
R. Joyce



Terence G. Donoghue
Research Assistant III
AOP&E
Bigelow 102A
Ext. 2945
J. Ledwell



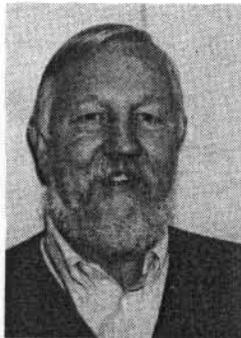
Kathleen M. Eimer
Staff Assistant I
Education
Clark 223
Ext. 3379
J. Peirson



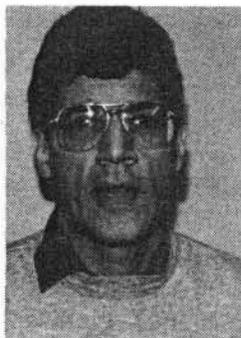
Francis C. Felizardo
Joint Program Student
Education/AOP&E
MIT
J. Lynch



Annda W. Flynn
Staff Assistant III
AOP&E
Clark 167
Ext. 2763
R. Groman



Carl F. Swanson
Master
Marine
R/V ATLANTIS II
Ext. 2208
R. Dimmock



Carlos Velez
Facilities Services Asst.
Services
Quissett Warehouse
Ext. 2349
J. Murphy

Promotions

John E. Andrews, III (Chemistry)
to Research Assistant III 1/27

Marilyn Brooks (Controller's Office)
to Accounting Assistant on 4/1

Stella Callagee (Education)
to Education Office Administrator 4/22

Eric Cunningham (AOP&E)
to Information Systems Assistant III 1/27

Marcia W. Davis (Chemistry)
to Research Assistant III 1/27

David L. DuBois (G&G)
to Senior Research Assistant I 1/27

C. Eben Franks (G&G)
to Senior Research Assistant I 1/27

Glen G. Gawarkiewicz (PO)
to Assistant Scientist 4/1

Ruth Goldsmith (Assoc. Dir., Marine Ops.)
to Staff Assistant III 3/21

Sally Hacker (Chemistry)
to Research Assistant III 1/27

Mary Ann Lucas (PO)
to Staff Assistant III 1/27

Craig D. Marquette (PO)
to Engineer II on 4/7

Michael O. Mathewson (Chemistry)
to Research Assistant III

Carole Merson (Director's Office)
to Senior Staff Assistant 3/24

Maryanne F. Pearcey (Controller's Office)
to Budget Analyst 4/22

Deborah K. Shafer (Chemistry)
to Senior Research Assistant II 1/27

Andrew R. Solow (MPOM)
to Associate Social Scientist 4/9

Ernest C. Wegman (Marine Operations)
to Port Engineer 4/7

Martin C. Woodward (AOP&E)
to Senior Engineering Assistant I 3/24

Dianna M. Zaia (Controller's Office)
to Financial Analyst 4/7

Caryn House renovations completed

Renovations on the Caryn House (formerly the Student Center) are complete and occupants of the building have moved in.

Renovations to the building included waterproofing the lower level and converting it to office space, refurbishing the upper level, and adding a new doorway and windows. Grounds surrounding the building were landscaped.

The lower level of Caryn House includes offices for the Marine Policy Center and an apartment for summer student fellows. The upper level includes *Oceanus* magazine and offices for the Communications Department.

Woods Hole Golf League underway

The Woods Hole Golf League got together for the first time in three years at the Cape Cod Country Club last month.

Eighteen WHOI golfers played two 9-hole rounds to qualify for a handicap that will carry over into league play in a few weeks.

The league welcomes anyone who wants to play. The games are individual efforts, so those who can't show up weekly will not hurt a team or themselves.

Cost for play is \$12 plus \$1 to the pot for weekly prizes. Golfers play a quota system, so they play against their last rounds of golf, and not other players.

The league plays Wednesdays at 4:30 p.m.

For more information, call Ed Dow at ext. 2669 or Bob Joyce at ext. 2411.

Linda Morse Porteous award founded

John Porteous of the Graphics Department has established an endowment for the Linda Morse Porteous Award in memory of his wife, a senior research assistant in the Biology Department.

The award will be granted to a female technician who demonstrates leadership, dedication to and quality of work, service as a role model or mentor to junior women, and involve-

ment in the WHOI community. The Women's Committee has agreed to chair a selection committee, which will include members of the Graded and Marine Personnel Committee, Staff Committee and Joint Program student body.

Nominations for the award will be sought this summer. Anyone interested in contributing to the fund should contact Development.

ALVIN calls from the Pacific floor

DSV ALVIN recorded another first last month when its passengers talked from one and a half miles beneath the surface of the Pacific Ocean to colleagues in New Jersey.

The occasion of the call was the groundbreaking of Rutgers University's new Institute for Marine and Coastal Sciences. Fred Grassie, head of the Institute and a former

WHOI senior scientist, spoke with ALVIN pilot Cindy Van Dover and Rutgers Scientist Richard Lutz.

The phone call was transmitted via satellite from ALVIN's support ship, the ATLANTIS II. ALVIN was near a hydrothermal vent on the East Pacific Rise several hundred miles off the coast of Acapulco.

Journalist group visits WHOI

The Neiman Fellows, a group of journalists on sabbatical at Harvard University, recently visited WHOI for a one-day seminar on oceanography. The visit was organized by Shelley Lauzon, manager of public affairs.

The Neiman Fellowship Program allows journalists to spend a year at Harvard, learning more about the disciplines they cover by auditing courses and taking seminars in their chosen fields. The program began in

1938 with an endowment from the publisher of the Milwaukee Journal. Fellowships are awarded to 12 U.S. and 12 foreign journalists each year.

During their day at WHOI, the fellows heard talks on New Technology for Ocean Exploration, by Dana Yoerger; Arctic Research, by Sus Honjo; International Marine Science, by Dave Ross; Global Climate Change, by Glenn Jones; and the WOCE Project, by Breck Owens.

Recent birth

Engineering Assistant III Rod Catanach and his wife Kathy have announced the birth of their second daughter, Tamara Margaret.

Tammy was born April 22 at 2:38 a.m. at Tobey Hospital in

Plymouth. She weighed 8 pounds, 6 ounces and was 22 inches long.

Rod reports that Kathy and Tammy are doing fine and that sister Laura (age 2) has been very helpful.

ROSS News

SWATT team leads training sessions

Editor's note: This is the second in a series of articles introducing the ROSS system to the Institution.

To ease the transition to the new ROSS financial accounting system, the Systems Wizards and Training Team (SWATT) will offer training sessions to all WHOI employees in mid-June. The system will go into effect July 1.

The immediate impact of the new system on all employees is the fact that every Institution form that contains an account number will be changed.

The June sessions will cover a variety of topics. Steve Ferreira of Purchasing will present the new purchase requisition forms and explain how the information they request will be used.

Mike Sawyer from Distribution (Shipping & Receiving) will spotlight the new receiving procedures and explain how they will improve record-keeping.

Accounts Payable training by Liz Palazzo will cover the integration of purchase orders, receiving records and the invoice desk. Changes in procedures for travel reimbursements and the request for payment will be discussed.

Many employees will first encounter the new system at the Stockroom or when filling out their time sheets. A "feeder" program written by the Systems and Procedures Group will allow employees to use shorter account numbers, rather



The SWATT Team. Seated, left to right: Dianna Zaia, Stella Callagee, Claire Reid, Pat Duffy. Standing, first row: Elizabeth Palazzo, Mike Sawyer, Beverly Harper, Laurie Murphy. Back row: Steve Ferreira.

than the standard 20-digit number, for Stockroom forms and time sheets. For all other forms, however, the whole number will be needed. Roger Hjulstrom will describe what the Stockroom will require to make a "purchase" and Laurie Murphy will discuss time sheet preparation at the training session.

The general integration of the old GLAS system and the new ROSS system will be explained by Beverly Harper from Systems and Procedures.

More detailed information, such

as what the actual "green sheet" or Financial Status Report will look like, and what the inquiry screen will give in the way of on-line data, how to query for information, and how to make transfers will be presented at a separate session in early July by Dianna Zaia, Claire Reid, and Maryann Pearcey.

Watch for notices of the Institution-wide training sessions. Departments will be asked to send representatives, but sessions will also be open to everyone who wants to attend.

A request to respect handicapped parking

WHOI has a number of parking spaces reserved for handicapped employees and guests. Vehicles that are parked in these spaces without a legitimate reason are subject to towing, according to Karen Rauss,

special assistant to the director.

People with temporary disabilities that can be accommodated by the use of these spaces should contact the Facilities Office at ext.

2205 for a special pass. Those with long-term needs for additional handicapped parking spaces can contact the Facilities Office at ext. 2205 or Karen Rauss at ext. 2645.