

CFC Campaign Begins



Dr. Donald P. Martineau, Vice-Chair of NOAA headquarters Combined Federal Campaign, accepts kickoff contribution from Administrator Richard A. Frank, NOAA's CFC Chair.

Ortt Receives Federal Award

Emily S. Ortt, clerk dictating machine transcriber at NOAA's Oxford Laboratory, Northeast Fisheries Center, Oxford, Md., is one of this year's ten winners of the Outstanding Handicapped Federal Employee's Award.

Presented at a recent special ceremony at the Department of Commerce by Eleanor Holmes Norton, Chair of the Equal Employment Opportunity Commission, and Alan K. Campbell, Director of the Office of Personnel Management, the award recognizes accomplishments — both on and off the job — of employees whose capabilities far outweigh their disabilities.

Ortt, a NOAA employee since 1976, greets visitors, answers questions, gives directions, takes telephone messages, transcribes dictation, and describes build-



Under Secretary of Commerce Luther H. Hodges, Jr., escorted Emily S. Ortt when she received her award from Alan K. Campbell, Director of the Office of Personnel Management.

ings she has never seen. Many visitors never realize she is blind.

She performs her duties with the aid of braille equipment, recording equipment for dictation, and a special telephone.

She is an active member of the Talbot County, Maryland, Committee to Promote Employment of the Handicapped and was a delegate to the 1977
(Continued on p. 2)

Sexual Harassment Will Not Be Tolerated

The following memo on the Department's policy on sexual harassment was issued recently to leading officials of the DOC components by Elsa A. Porter, Assistant Secretary for Administration.

The subject of sexual harassment in employment has received considerable attention recently from the media, from several human rights organizations, and from a Congressional Committee which is conducting inquiries into specific complaints of sexual harassment in Government agencies. It is timely to state clearly the Department's policy on this subject.

Sexual harassment does not refer to occasional compliments. It refers to behavior which is not welcome, which is personally offensive, debilitates morale, and interferes with the work effectiveness of its victims and their co-workers. Sexual harassment may include actions such as:

—sex-oriented verbal "kidding" or abuse;

—subtle pressure for sexual activity;

—physical contact such as patting, pinching or constant brushing against another's body;

—demands for sexual favors, accompanied by implied or overt promises of preferential treatment or threats concerning an individual's employment status.

It is possible to occur at two levels: among peers or co-workers, or at the supervisory level. Individuals who experience sexual harassment from co-workers should first make it clear that such behavior is offensive to them, and, if the harassment continues, bring the matter to the appropriate supervisor's attention. In fulfilling their obligation to maintain a positive and productive work environment, supervisors are expected to halt any harassment of which they become aware, by calling attention to this Department's policy or by more direct disciplinary action, if necessary.

A form of sexual harassment

which may be harder for employees to cope with occurs when people use the power of their office or position to control, influence or affect the career, salary, or job of another employee (or prospective employee) in exchange for sexual favors.

Complaints of sexual harassment involving misuse of one's official position may be made orally or in writing to a higher-level supervisor, to an appropriate personnel official, or to anyone authorized to deal with discrimination complaints. (Complaints to a higher-level supervisor would constitute the informal stage of the grievance procedure.) Individuals who instigate this type of harassment are also subject to disciplinary action, including suspension or removal.

Sexual harassment is not to be tolerated in the Department of Commerce. Please ensure that all employees are aware of this policy.

NOAA Employees Save A Life

Rudy Egenberger and Chris Gowrie, vessel employees from the NOAA ship Mt. Mitchell, saved the life of a young man in Galveston, Tex. in early September.

While the ship was in port for a weekend, Egenberger and Gowrie were at Stewert Beach when they heard cries for help from a young man floundering in the surf. While Egenberger went into the water to help the bather, Gowrie summoned a lifeguard and an ambulance.

The young man who had been swept away from the beach by the undertow and panicked, was pulled out of the water by Egenberger and collapsed from exhaustion and shock. He was treated at a local hospital.

Egenberger and Gowrie are employed as third assistant engineers aboard the ship.

Houlder Appointed Director Of AMC

R.Adm. Richard H. Houlder has been appointed the new Director of NOAA's Atlantic Marine Center in Norfolk, Va.

Houlder, who is a commissioned officer of the NOAA Corps, is a veteran officer of 27 years with the Commerce Department. He has served as Associate Director of the National Ocean Survey's Office of Marine Surveys and Maps since 1976.

Houlder joined the Commerce Department in 1952 following graduation from Northeastern University in Boston, Mass., with a degree in civil engineering. He also holds a master's degree from the University of Illinois. Among his varied assignments have been those of commanding officer of the NOAA ships Fairweather and Lester Jones, and as chief of the National Ocean Survey's



R.Adm. Houlder was sworn in by R.Adm. Herbert Lippold, NOS Director, as Mrs. Jean Houlder watched.

Photogrammetry Division.

As Director of NOAA's Atlantic Marine Center, Houlder heads a facility of approximately 200 employees that exercise administrative, logistic and operational control over NOAA's oceanographic and hydrographic fleet of 11 vessels which operate from the Gulf

of Mexico to the Great Lakes. The Center serves as a clearing house for information gathered by photogrammetric, hydrographic, and tidal field parties, and by the vessels engaged in deep ocean and fisheries research, coastal hydrographic surveys, coastal wire drag operations, and tidal surveys.

Ortt Receives Federal Award (From p. 1)

White House Conference on Handicapped Individuals. She has received a Personal Achievement Award from the Governor of Maryland's Committee to Promote the Employment of the Handicapped and was named Handicapped Marylander of the Year in 1978.

Ortt and the other 1979 winners of the Outstanding Handicapped Federal Employees Award were selected from employees nominated by 29 Federal agencies. The winners represent Federal installations in Arkansas, California, Idaho, Illinois, Maryland, Massachusetts, Virginia, and Washington, D.C.

Their contributions to the Federal service include the skills of master electrician, master instructor, clerk dictating machine transcriber, computer programmer, equal opportunity specialist, neighborhood and consumer assistance representative, labor economist, data transcriber, research mathematician, and social worker.

The awards ceremony was part of a three-day program for the winners that also included a special tour of the White House, a luncheon with



Congratulations from Administrator Richard A. Frank as her supervisor, William A. O'Connell, and her husband, Philip, watched, and... a visit to the Lincoln Memorial.

members of Congress, a reception at the Office of Personnel Management, and a luncheon at Bolling Air Force Base Officer's Club.

The program has been conducted since 1968 to highlight career opportunities for handicapped Federal workers. This year's Outstanding Handicapped Federal Employees program was scheduled as a kickoff for National Employ the Handicapped Week which began Sunday, October 7.



South Carolina Gets Coastal Program Okey

Approval of South Carolina's coastal zone management program and the award of a \$10 million grant to put it into effect have been announced by Commerce Secretary Juanita M. Kreps.

The OCZM grant will be supplemented by \$275,000 from the State.

At a ceremony in Beaufort marking the event, Secretary Kreps praised South Carolina's Coastal Council, the 18-member body that developed the program, for its efforts to involve the public in its decisions.

"South Carolina has chosen wisely to go the extra step in making these decisions," she said, "to consider not only the immediate impacts of a project, but also its long-range, cumulative effects."

The State, she added, is taking a major step toward balancing economic objectives and resource conservation through its coastal management program.

In addition to the work of managing its 2,800 miles largely unspoiled coastline, South Carolina will undertake a number of projects aimed at protecting its valuable resources and educating its citizens to the importance of their coastal heritage.

TAX NOTE

Employees who are subject to state withholdings for the State of Kansas will not have state tax taken from their salary checks dated Nov. 14 and Nov. 28. State tax withholdings will be resumed on the check dated Dec. 12.

TAKE TIME!
MAKE TIME!
GIVE BLOOD

The advertisement features a cartoon character of a blood drop with a face, arms, and legs, holding a white cross. The text is arranged vertically on the right side of the ad.

3 Employees & 34 Units Get Awards

Administrator's Awards were presented to three employees at the NOAA awards luncheon in early October. They went to John Wedin, Congressional liaison specialist at the National Marine Fisheries Service; Dr. Joseph Smagorinsky, Director of the Geophysical Fluid Dynamics Laboratory; and John Robinson, project manager for NOAA's Hazardous Materials Response Project. Like the NOAA awards presented at the luncheon, these awards were for \$1,000.

Thirty-four Unit Citations were presented in 1979.

Recipients in the National Weather Service were: National Hurricane Center Research Unit; WSO Burlington; WSO Hartford; WSO Philadelphia; WSO Provi-

dence; Forecast Division, National Meteorological Center; Development Division, NMC; Personnel Division, Western Region Headquarters; WSMO Dayton; Facilities Engineering Staff; WSFO Phoenix; Facilities Engineering Branch, Southern Region Headquarters; WSO Abilene; RFC Fort Worth; WSMO Hondo; WSFO San Antonio; WSO Riverside; Overseas Operations Division; Wilkes-Barre/Scranton NWS; Salt Lake City RFC; WSO Harrisburg.

From the Environmental Research Laboratories: Weather Modification Program Office/Boundary Layer Dynamics Group; Pacific Marine Environmental Laboratory/Deep Ocean Mining Environmental Study; contributors to the Strait of

Juan de Fuca Circulation Report.

From the National Marine Fisheries Service: Foreign Fisheries Observer Program, Northeast Region; National Analytical Facility; NMFS/Argo Merchant Oil Spill; Fisheries Data Analysis Task, Galveston Laboratory.

National Ocean Survey recipients were: NOAA ship Oceanographer; Processing Division, Atlantic Marine Center; Instrument Approach Procedure Chart Branch.

From the National Environmental Satellite Service: the Washington Satellite Field Services Station; Ocean Color Experiment of October 1977.

From the Office of the Administrator: the Office of Congressional Affairs.

Unique System Detects Seafloor Pollution

A unique system for detecting pollutants on the seafloor has been successfully tested by NOAA.

Being developed under contract by Dr. John E. Noakes, Director of the University of Georgia's Center for Applied Isotope Studies, the system has two main components: a sediment agitator on an underwater "sled," and specimen processing equipment on the deck of a vessel.

The sled, towed beneath the vessel, skims along the bottom, taking sediment samples at timed intervals. The samples are pumped topside through a hose where they automatically are prepared for immediate X-ray fluorescence analysis.

"The system should prove invaluable for measuring the bottom concentrations of heavy metals in bays or estuaries and along the continental shelf," Steven Anastasion, director of the agency's Office of Ocean Engineering, said. "It can be used both for early warning, if problem pollutants are found whose presence has not previously been suspected, and as a historical record of change in sediments over time."

Because of the close correlation between surface sediment samples and the chemical composition of seafloor sediments, the system also has potential for use in preliminary mineral assays.

As a vessel using the system moves along at two or three knots, towing the underwater sled just above the bottom, sediments are agitated to a depth of about two inches. A small amount of the resulting "plume" is sucked up to the equipment on the ship's deck, centrifuged, and deposited on a long strip of filter paper in samples about the size of a Susan B. Anthony dollar coin. Each sample is dried, sprayed with acetone, and sealed with acrylic. The date, time, and other necessary information are stamped on the paper.

Employees Continue To Improve NOAA Operations

To recognize the contributions of NOAA employees who have offered suggestions on ways to cut costs, improve efficiency or safety, or in other ways contributed to an overall improvement in NOAA operations, NOAA News periodically publishes the names of the employees and their suggestion awards.

The following employees received suggestion awards during the period, January through June:

Suggester's Name	Amt.	Suggestion Title
Arthur H. Smith, NESS	\$25	Telephone re-location
Thleen Lefevre and Harold W. Yates, NESS	\$25 ea.	Disposal of fluorescent tubes
William T. Davis, NESS	\$25	Portable steps GOES 60-ft. antennas
John W. Rogers, NESS	\$230	Change Temask tape stacking procedure
Michael Braden, NOS	\$25	Job flow sheet
Eldon S. Young, NWS, Southern Region	\$50	Stabilizing automated atmospheric pressure measuring systems
Donasiano Baros, ERL	\$25	Custom forklift bucket
Russell C. Schnell, ERL	Honorary	Handling Xerox paper in RB-3 Xerox room
Helen M. Belcher, ERL	\$50	Numbering of ERL letters
David A. Lillie, ERL	\$25	"I'd rather switch than light"
H. Mary Willmarth, ERL	\$25	Duplication of 6000 yearly inventory cards by computer
Harold Roberts, NWS/Pacific Region	\$25	Aviation prog chart labels or aviation flight folder labels
Michael Morrow, NWS/Pacific Region	\$25	Keeping peg board hooks in the peg board
Arthur H. Smith, NESS	\$25	Telephone re-location
James M. Looney, NWS/Southern Region	\$100	Inclusion of forecast precipitation water values with numerical guidance
William H. Goods, NWS/Alaska Region	\$50	Electrolyser generator alarm panel
Billy C. Tucker, NWS/Alaska Region	\$550	Long distance calls on ATTS
Dean T. Braatz, NWS/Eastern Region	\$50	Measurement indication on outer cylinder of 11" plastic rain gauge catalog
Dean T. Braatz, NWS/Eastern Region	\$50	Stock of measuring tubes in CLSC for 11" plastic rain gauge catalog
John W. Dove, NWS/Eastern Region	\$150	Improved method of replacement of T/R tube in WSR-74C radar
William F. Hettler, NMFS/ST. Petersburg, Fla.	\$170	U.S. Government Property labeling
Elvin L. Ballance, NWS/Central Region	\$50	Modification of printed circuit board in WSR-74C radar
Sidney O. Howick, NWS/Western Region	\$25	3-D relief map, individual state
Betty Jo Munch, NWS/Central Region	\$25	R. O. divisional hours schedule
Charles J. Kunkel, NWS/Central Region	\$25	Fastener DARDC telephone coupler plug
William J. Mescall, NWS/Eastern Region	\$340	Blower fans in WR74C micro wave cabinets
Earl L. Rampey, NWS/Eastern Region	\$50	Guide for snow measurement
Minnie C. Schoonover, NWS/Eastern Region	\$50	WSR74S Magnetron safety circuit
Ter Ferrante, NWS/Eastern Region	\$50	WSR74C&S band radar performance data sheet (design, standardization & utilization)
Ronald J. Naish, EDS	\$90	"PMT process for TDC title manufacture
Gary L. Sexton, EDS	\$45	"Folder for CG Form 72-5A (8½ x 11")"

For further information regarding the above suggestions, contact AD453, (301)443-8105.

Atlantic Marine Life Studied From Sub

To learn more on how human activities affect fish and shellfish of the ocean, NOAA scientists in mid-September began surveying marine life off New England and the mid-Atlantic states from a submersible.

Kicking off a two-month series of voyages in support of four research projects, scientists from NOAA's National Marine Fisheries Service selected a site to be revisited later, and collected key "indicator" species — including lobsters, crab, and anemones — for contaminant analysis.

The project is part of a program to keep tabs on the health of the ocean by "taking its pulse." Two areas are being surveyed in the "Ocean Pulse" cruises — the relatively pristine Oceanographer Canyon off New England and the more polluted Hudson Canyon southeast of New York.

The cruises, using a Nekton submersible and a surface ship, are supported by the agency's Office of Ocean Engineering through its Manned Undersea Science and Technology program. Chief scientist of the Ocean Pulse missions is Dr. Richard Cooper of NOAA's Woods Hole laboratory.

Other projects will include an investigation of the tilefish by Rutgers scientist, Dr. Churchill Grimes; an investigation by Dr. R.O. Parker, Jr., of NOAA's Southeast Fisheries Center, to improve present estimates of the potential yield from important foodfishes of the South Atlantic coast; and finally, submarine geology observations by Dr. Alexander Malahoff of NOAA's National Ocean Survey, in an attempt to obtain a better overall picture of the general geology of the head of Norfolk Canyon.



Money: A Premium For Saving Energy

Drinking glasses, plastic cups, and tigers' tails are out — but another kind of premium is in: Money.

Not for filling the tank with high-priced gas, but for filling the car — with thrifty-minded passengers.

It's called ridesharing. And it works because of simple arithmetic: If two people ride together in one car to the same destination, say, work, they use about half the gasoline required if each drove alone.

The average individual, driving a private car in an urban area, uses just over two gallons of gasoline per day. So only one tenth of a gallon needs to be saved daily to provide what would amount to a five percent discount.

(At least one group of NOAA employees is going one better — they get 150 passenger miles to a gallon of gas ... see box.)

Why bother with pennies? The answer is that gasoline alone costs over 5 cents per mile, or over \$600 per year for the average driver, and the price is rising. Passenger automobiles account for about 31 percent of all the petroleum consumed in the United States, and almost half of the total is imported. And though Americans have cut back the growth rate in overall oil use, their demand for motor gasoline is up substantially. Total estimated petroleum demand for the first three months of 1979 was up 1.7 percent from a year ago, but motor gasoline use was up an estimated 4.5 percent.

This increase in gasoline use comes at a bad time. Members of the Organization of Petroleum Exporting Countries (OPEC) have again raised prices, and oil supplies worldwide are tight. And because gasoline accounts for about 40% of U.S. oil consumption, demand must be reduced to avoid shortages and to meet a commitment to the International Energy Agency to reduce demand for world oil 5% below projected fourth quarter 1979 levels.

Here are three gasoline-saving tips:

1. *Share the ride.* About one-

third of all private automobile mileage is for commuting. Yet if two people ride together regularly, they use about half the gas required if each drove alone. More than 20 million commuters now share the ride. Many employers offer incentives such as free or reduced-rate parking for carpools, and the trend towards vanpools is increasing.

2. *Combine trips and eliminate unnecessary trips.* Plan your trips—to market, to the library, to school, or to visit friends. You'll find that many neighborhood jaunts could be combined, and you could help your neighbors by offering to run errands for them. Some trips might be better handled — or even elimi-

nated — by telephoning, writing, or combining with another trip.

3. *Drive at a moderate speed.* The most efficient range usually is 35 to 45 miles per hour. On the highway, where you need to maintain a higher speed, stay at 55 mph. Most automobiles get about 18 percent better mileage on the highway at 50 than at 65 mph, and 20 percent better mileage at 55 than at 70 mph. You may note that some drivers abuse the speed limit on superhighways, but state police are cracking down on speeders.

For more tips, write for the folder, "How to Save Gasoline ... and Money." to ENERGY, Box 62, Oak Ridge, TN 37830.



Harold Beard's vanpool passengers from NOAA and two other agencies have reason to smile — they're saving money and time. Shown (l. to r.) Joseph Borek, Bob Fulton, Arthur Kneer, Glenn Souders, George Schaeffer, Eugene Page, Tom DePippo (HEW), Bill Mohan (GAO), Jean Atwell, and Beard. Not shown are Dan Lufkin and Dan Grosso.

Employees on the VANGO

A carpool of NOAA employees turned into a vanpool.

Taking advantage of Maryland's Montgomery County Department of Transportation VANGO program to lease vans for at least 12 riders, Harold Beard of the Geodetic Survey began a vanpool.

Beard is responsible for the van, the lease payments, the driving, and the passengers. There are no long term commitments — a 30-day written notice is all that is required to terminate the lease. Each passenger, except the driver makes one payment monthly, and is guaranteed a seat each work day during the month. The monthly cost per passenger goes down when a full load of 15 is attained.

Besides the money saved by not using individual cars, Beard's vanpool also saves in parking fees — vanpools are exempt until November 1981 from any scheduled GSA parking fees that begin this November.

For more information on the Montgomery County VANGO program call 468-4065.

Publications

Available On

Erie & Cyclones

NOAA has published a brochure entitled "Lake Erie's Recreational Climate... year round," providing information for the New York lakeshore and emphasizing weather and recreation.

NOAA's Environmental Data and Information Service and the New York Sea Grant Extension Program produced the brochure.

The weather information is geared to the vacationer and recreational user of the Lake, and a section on safety precautions for both winter and summer is included.

The chart also pinpoints dive spots for scuba enthusiasts. Included are tables listing facilities available for campers, anglers, and boaters.

This is the third brochure of a series on coastal resort areas. Earlier brochures covered Rhode Island and San Francisco Bay, while future brochures will cover coastal North Carolina, Michigan's Lake Michigan, Puerto Rico and the Chesapeake Bay.

Copies of any of the brochures may be obtained free of charge from Resort Guides, National Oceanographic Data Center, D762, Room 400 Page Building 1, Washington, D.C. 20235.

EDIS' National Climatic Center (NCC) recently published "Tropical Cyclones of the North Atlantic Ocean, 1871-1977." This is an update and revision of U.S. Weather Bureau Technical Paper No. 55, "Tropical Cyclones of the North Atlantic Ocean," published in 1965. The new publication is a joint effort of NCC and the National Weather Service's National Hurricane Center.

Copies of the new publication may be purchased from the National Climatic Center, Federal Building, Asheville, NC 28801 from the Superintendent of Documents, Government Printing Office, Washington, DC 20402. The price is \$3.50 per copy. The GPO Stock No. is 003-017-00425-2.

Review Of The FWP Advisory Committee

(Part 1 of a 2 part report by the FWPAC members.)

The Federal Women's Program Advisory Committee has accepted its charge to improve the status of women in NOAA, and with its elected representatives, has been working to accomplish this mission.

Several activities have been sponsored by the entire committee and other activities have been held by the elected members in their respective organizations. Following is a brief review of five members' activities. Additional information may be obtained by contacting the respective member.

Office of Administration representative Earl Laws established an ad hoc network of employees to promote discussion and reading about topics and issues of women in ADMIN. He held discussions with the Deputy Assistant Administrator for ADMIN on recruitment and advancement of women with the possible outcome of establishing a problem oriented task team of EEO committee members, ADMIN senior managers, and FWPAC representatives. A statement of issues and problems concerning the recruitment and advancement of women and a survey requesting information on problem identification and plans of action were distributed in August. Outcome of response is being evaluated.

Office of Oceanic and Atmospheric Services representative Sally Jones distributed information to OA women on Alternative Work Schedules and encouraged attendance at programs for Secretaries Week and the FEW conference in Seattle. She also participated in discussions of Individual Development Plans.

National Weather Service representative Pat Ferry chaired a task group working towards NWS participation in an Alternative Work Schedules experiment; worked on a committee on project Talent Search; distributed the new classification standards for secretarial and clerical personnel to over 150 employees; set up seminars for employees to view the videotape

"Alice in FES Land" with a classifier from personnel available to answer questions; with help from Jim Kemper, the NWS alternate representative, sponsored brown bag seminars for women to discuss networking. She has spoken to several NWS gatherings about the purpose of the Federal Women's Program.

Bob French of the NWS is an appointed member of the FWPAC and has worked with Ferry on some of the activities. His main contribution to the committee has been computerizing the Talent Search project for the entire agency.

National Environmental Satellite Service representative Mary Wyvill Hughes has met with NESS women to present the FWPAC plans and goals. Gaining management support, she has been able to hold the meetings as part of the work day and not during lunch time. She distributes printed material regarding women's issues to women and management. She has also distributed a compressed work schedule questionnaire and tabulated the results; held a workshop on "Women and Their Rights" with Arva Jackson, Director of the Office for Civil Rights, and Ellen Overton, FWP Manager, and a workshop revolving around the videotape "Alice in FES Land."

National Ocean Survey representative Carol Auer is on the committee's executive board and has participated in briefing Dick Moll, special assistant to the agency's Associate Administrator, and Diana Josephson, Deputy Assistant Administrator

for Policy and Planning, on the concerns of the Federal Women's Program. She has worked on Project Talent, setting up the computer format and reviewing the 171's. She chaired the joint NOAA FWPAC/EEOC subcommittee on Alternative Work Schedules.

The FWP was created in 1967 by the Civil Service Commission to ensure equal employment opportunities for women in response to Executive Order 11375 which prohibited discrimination on the basis of sex. Until then, the prohibited forms of discrimination in Federal employment were color, national origin, race, and religion. Age, physical and mental handicap, have since been added.

NOAA established its FWP in 1972 by appointing a part-time coordinator in the Personnel Division. At the recommendation of an appointed FWP Advisory Committee (FWPAC), the coordinator was made a full-time position in 1976. Elections for the FWPAC were held for the first time in 1977, and provisions were made to ensure representation of special interest constituencies such as handicapped women.

Ellen Overton was appointed the FWP Manager for NOAA in 1977, and in 1978 the program moved into the Office for Civil Rights whose director is Arva Jackson. There are also 32 FWP Managers in the field, 31 on a collateral duty basis, and 1 full-time at the Environmental Research Laboratories in Boulder, Colo.



Arva Jackson, Director of the Office for Civil Rights, participates in a FWPAC-sponsored workshop at NESS.

Open Season for Health Benefit Plans

The annual open season on health benefits will be from November 12 through December 7. Federal employees can change their health plans or enroll if they had elected not to do so before.

As in the past, new brochures are being prepared for all plans. Each brochure will contain a listing of its changes for 1980.

Each employee in NOAA will receive the following information via NOAA Central Distribution:

-Health Benefits Open Season Instructions (BRI 41-117).

-Brochures for the two Government Wide Plans (BRI 41-24, Indemnity Benefit Plan and BRI 41-25, Service Benefit Plan).

-Biweekly Federal Employees Health Benefits Rates (BRI 41-212).

Monthly rates (BRI 41-213) will be available in the servicing personnel office but will not be distributed to all employees.

The Office of Personnel Management will be mailing brochures of each employee organization plan to members of the organization.

RE: PARKING FEES

Start your carpool now to conserve energy, improve air quality, reduce traffic congestion, and save money by sharing parking fees.

Employees using NOAA or GSA parking facilities will be charged a monthly parking fee beginning November 1.

Information regarding fees and procedures for obtaining a parking permit should be available before the beginning of the month.

ENERGY.
We can't afford
to waste it.

Incentive Awards Statistical Information Released

The Office of Personnel Management has released the Incentive Awards Statistical Information for FY 1978. Measurable benefits for FY 1978 resulting from employee suggestions, inventions and other achievements beyond job requirements increased 39.7% over FY 1977 on a government-wide basis.

NOAA had a suggestion participation rate of 4% this past year. This compares favorably with the DOC rate of 3%

but is lower than the 6.3% government-wide rate. In the area of special achievement awards NOAA is somewhat lower (9.4%) than the Department (12.8%) and far exceeds the government-wide figure of 4.8%. The 6.4% rate of Quality Increases granted by NOAA exceeds both DOC (5.9%) and the government-wide 3.4%.

Approximately one out of every twelve Federal employees

received recognition last year in the form of an honorary award, lump-sum cash award or a quality increase.

7% Pay Raise

A 7% increase in pay was effective October 7 for NOAA employees whose pay comparability increase is not affected by Congressional action limiting pay. The increase will be reflected in the October 31 salary checks.

NOAA Personnel Division Lists Current Vacancies

Announcement Number	Position Title	Grade	Organization	Location	Issue Date	Closing Date
NWS 79-114(VBY)	Supervisory Phys. Scientist	GS-15	NWS	Silver Spring, Md.	10/16	11/6
NMFS 79-110(LT)	Fishery Management Adm.	GS-15	NMFS	Washington, D.C.	10/11	11/1
ERL 79-260(SG)	Supervisory Operations Research Analyst or Physical Scientist	GS-15 or GS-14	ERL	Boulder, Colo.	8/10	11/1
SR 79-70(GC)	Supervisory Meteorologist	GS-14	NWS	Fort Worth, Tex.	10/24	11/15
OCZM 79-102EAF	State Programs Coordinator	GS-14	OCZM	Washington, D.C.	10/9	10/30
HQS 79-121(RW)	Staff Accountant	GS-13/14	OF	Rockville, Md.	10/9	10/23
NWS 79-115(NS)	Computer Systems Analyst	GS-13 (promotion potential GS-14)	NWS	Silver, Spring, Md.	10/16	11/6
AR 79-59(IH)	Supervisory Hydrologist	GS-13	NWS	Anchorage, Alaska	10/9	10/23
ER 79-71	Meteorologist (Leading Forecaster)	GS-13	NWS	Buffalo, N.Y.	10/9	10/23
SR 79-71(GC)	Hydrologist	GS-13	NWS	Slidell, La.	10/24	11/7
NMFS 79-37(LMN)	Social Anthropologist	GS-13	NMFS	Washington, D.C.	10/9	10/30
NASO 79-37(LMN)	Fishery Biologist (Management)	GS-13	NMFS	Juneau and Anchorage, Alaska	10/24	11/7
NMFS 79-109CG	Industry Economist	GS-12/13	NMFS	Washington, D.C.	10/9	11/6
NOS 79-83(NB)	Supervisory Civil Engineer	GS-12	NOS	Rockville, Md.	10/24	11/7
NOS 79-82(NB)	Supervisory Oceanographer	GS-12	NOS	Rockville, Md.	10/24	11/7
NOS 79-84(NB)	Geodetic Technician	GS-12	NOS	Atlanta, Ga.	10/24	11/15
ERL 79-345SG	Social Science Analyst	GS-12 or GS-11	ERL	Boulder, Colo.	10/24	11/7
NASO 79-57(LMN)	Special Agent	GS-7/9 (promotion potential GS-11)	NMFS	Anchorage, Alaska	10/24	11/7
ERL 79-337(PD)	Computer Programmer	GS-11 (promotion potential GS-12)	ERL	Boulder, Colo.	10/11	10/25
AR 79-629IH)	Electronics Technician	GS-11/12	NWS	Anchorage, Alaska	10/11	10/25
NASO 79-53(BJG)	Computer Programmer	GS-11	NMFS	Auke Bay, Alaska	10/9	10/30
SR 79-68(RH)	Electronics Technician	GS-10 (promotion potential to GS-11)	NWS	Tampa Bay, Fla.	10/24	11/7
SR 79-69(RH)	Electronics Technician	GS-10 (promotion potential GS-11)	NWSO	Nashville, Tenn.	10/24	11/7
AR 79-60	Meteorologist Tech.	GS-9 (may be filled by lower grade)	NWS	McGrath, Alaska	10/9	10/25
ER 79-72(SB)	Meteorological Tech.	GS-8/9/10	NWS	Mansfield, Ohio	10/9	10/23
NMFS 79-107CG	Secretary (Steno)	GS-6/7	NMFS	Washington, D.C.	10/9	10/23
AR 79-61(IH)	Meteorologist	GS-5/7/9	NWS	Anchorage, Alaska	10/11	10/25

Dr. George P. Cressman, NWS, has been awarded the Federal Aviation Administra-



George P. Cressman

tion's Extraordinary Service Award. A gold medal and citation were presented in recognition of his contributions to flight safety while he served as director of the Weather Service. He helped initiate the FAA En Route Flight Advisory Service, assigned staff meteorologists to the Air Traffic Control Systems Command Center in Washington and established Center Weather Service Units at 13 Regional Control Centers.

Dr. Bruce B. Collette, a NMFS zoologist, has been elected President of the American Society of Ichthyologists and Herpetologists (ASIH) for 1981. Collette, an expert on the anatomy and classification of tunas, mackerels, halfbeaks, and

needlefishes for the NMFS National Systematics Laboratory in the Smithsonian Institution, was elected at the recent annual meeting of the ASIH at the University of Maine in Orono.

The ASIH is a 66-year-old organization with 2,000 international members.

Ronald E. Drummond is the new Official in Charge of the Asheville, N.C., Weather Service Office. A DOC silver medal recipient, he has served at the WSO in Beckley, W.Va.

Dr. James W. Rote has been named Director, Office of Habitat Protection, National Marine Fisheries Service.

Rote advises the Assistant Administrator and the Service on the environmental impact of human activities on the Nation's commercial and recreational fisheries and other living marine resources and their habitats.

He has served as an Assistant Secretary and the Acting Deputy Secretary to the California Secretary for Resources and as a member of the California Coastal Commission. He also has been a consultant to the Director of the Bureau of Land Management and a Research Associate with the John Muir Institute in California.

He holds a Ph.D. in biological sciences from Stanford University and a B.A. in economics from Boston University.



Seven NOS employees recently graduated from the Defense Mapping School of Photography at Fort Belvoir, Va. Three Reproduction Division supervisors were on hand to congratulate them. Special recognition was given to Partheina Mackabee for being number one in a class of 17. Shown (l.-r.) are: Bruce Hill, Clayton Powell, Mackabee, Ernest Shepard (photo supervisor), Habeeb-Ullah Muhammad, Ed Bland (finishing supervisor), Marie Richardson, James Miller, Don Thomas (presswork supervisor), and Gregory Jones.

NOAA Employees Get Junior Officer Award



Cdr. James Collins, chief of the NOS Photogrammetry Division, congratulates Lt. Duane Simpson on his Junior Officer of the Year award.

Lt. Chris Lawrence and Lt. Duane Simpson of the NOAA Corps were recently selected by the National Association of Commissioned Officers as the recipients of the Junior Officer of the Year Award.

Lawrence, who was at sea when the award was presented in Rockville, was cited for his contribution to marine science and technology through development and public dissemination of a massive file of digital hydrographic data previously obtainable only by extensive manual methods.

Simpson received the award for work as operation officer for the NOS Ocean Dumping Program.



The Pacific Marine Center's first coop education participant is Electronics Technician Pauline Marsden (center) shown with Mel A. O., chief, Digital Systems Branch (l.) and Larry Thomason, lead technician. Marsden, who is the first woman hired by PMC as an electronics technician, is a student at North Seattle Community College specializing in computer electronics.

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FROM THE GALLEY



ORIENTAL-STYLE STIR-FRY FISH

- | | |
|--|---|
| 1 pound cod or other thick fish fillets, fresh or frozen | 1 tablespoon cooking oil |
| 1 can (8 ounce) pineapple chunks | 1 can (8 ounce) water chestnuts, drained and sliced |
| 2 tablespoons sugar | 1 cup green pepper strips |
| 4 teaspoons cornstarch | 1 cup cherry tomato halves or quarters |
| 1 tablespoon vinegar | Fluffy cooked rice |
| 1 tablespoon soy sauce | Additional soy sauce |
| 1/2 teaspoon garlic salt | |
| 1/4 teaspoon ginger | |

Thaw frozen fish. Cut crosswise into 1-inch slices. Drain pineapple chunks; save syrup or juice. Add water as needed to make 1 cup of liquid. Combine liquid, sugar, cornstarch, vinegar, soy sauce, garlic salt, and ginger; stir until free of lumps. Heat oil in Chinese wok or 10-inch frying pan over moderately high heat. Add fish; cook 3 to 5 minutes or until firm, turning carefully. Add sauce mixture; cook until sauce is thickened and clear, stirring carefully. Add pineapple chunks, water chestnuts, green pepper strips, and tomatoes; stir carefully to coat with sauce. Heat and serve immediately over rice with additional soy sauce. Makes 3 to 4 servings.

BEST FISH BUYS

According to the NMFS National Fishery Education Center in Chicago, the best fish buys for the next week or so are likely to be fresh cusk fillets and fresh pollock fillets along the Northeast Seaboard; fresh whole grey trout and fresh whole spot in the Middle Atlantic States, including the D.C. area; fresh

whole mullet and fresh whole grouper in the Southeast and along the Gulf Coast; fresh whole lake trout and frozen monk fish fillets in the Midwest; canned tuna and fresh whole salmon in the Northwest; and frozen butterfish fillets and fresh shark fillets in the Southwest.

Weather Radar Aides Insect Study

Insects showing up on radar as echoes have long bugged meteorologists doing weather research. Now, a NOAA scientist suggests that the insect "echoes," which can distort or obscure weather features under study on radar, may be a boon to entomologists.

They are taking a hopeful look at a Doppler FM-CW (frequency-modulated, continuous-wave) radar, developed for observing the structure of the clear atmosphere. It not only measures winds in clear air and detects features such as temperature inversions, but it is so sensitive that it also picks up flying insects. Echoes from moths, locusts, and even tiny gnats show up on the radar screen.

If the radar can detect the atmospheric structures in which the insects travel, it might have important implications for pest management and control, officials believe.

Little is known of winged insect movements, according to Dr. Russell Schnell of NOAA's Atmospheric Physics and Chemistry Laboratory. "There is recent evidence that they use air currents to travel very far, very fast, and that they associate themselves with certain structures, such as temperature inversions and fronts, in the atmosphere," he said.

The Doppler FM-CW radar was developed by scientists in NOAA. It emits a microwave beam that is reflected from temperature or humidity discontinuities in the atmosphere, clouds, or precipitation. The radar does not select its targets, however. Birds, insects, and anything else in the air also produce echoes, and the ever-present insects have proved a constant problem for the meteorologists.

Since it also monitors wind, the radar can be used to distinguish strong flyers moving relative to the wind from weak flying insects drifting with the wind. The radar is especially useful at night, when many insects are invisibly on the move.

Lightning Slides Available

"When Lightning Strikes" — a 15-minute slide program with commentary by NWS meteorologists — provides information about thunderstorms and lightning. The text is for any type of audience, including students of almost any age. Slides are comprised of both photographs and art work. Explicit lightning safety rules are stressed. The series is \$21.50 (order #A01979) and contains 67 slides and an 11-page commentary. It's sold by the National Audiovisual Center, Order Section, General Services Administration, Washington, D.C. 20409.

NOAA NEWS

Published biweekly at Rockville, Md., by the Office of Public Affairs for the information of employees of the Commerce Department's National Oceanic and Atmospheric Administration.

Articles to be considered for publication should be submitted at least 10 days in advance to NOAA News, Room 108, Rock-Wall Bldg., Office of Public Affairs, National Oceanic and Atmospheric Administration, Rockville, Md., 20852.

NOAA News reserves the right to make corrections, changes or deletions in submitted copy in conformity with the policies of the paper or the Administration.

Norma V. Reyes, Editor

National Oceanic and Atmospheric Administration

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July 23, 2010