

## Bonner Is NWS Deputy Director

Dr. William D. Bonner has been named Deputy Director of the National Weather Service (NWS), it was announced by Dr.



**Dr. William D. Bonner**

Richard E. Hallgren, Director of NWS.

Bonner was Director of the National Weather Service's Eastern Region since 1976.

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## Mark Heads Public Affairs

Albert Mark, active in public communications work for 23 years — seven of them as president of his own consulting firm — and a former Director of Communications for the City of Boston, has been named Director of Public Affairs for NOAA.

Most recently with the Agency for International Development in Washington, Mark was Coordinator of Communications for Hubert Humphrey's 1968 presidential campaign, and later became Assistant Administrator for Congressional Relations and Public Information for the U.S. Small Business Administration.

He left that post in 1968 to work with Mr. Humphrey on co-founding the International Study Project for which he

## Frank Urges Secretary Of Army To Oppose Va. Refinery Permit

NOAA Administrator Richard A. Frank, has urged the Secretary of the Army not to approve construction of a marine terminal and oil refinery at Hampton Roads, Va., that would harm the Chesapeake Bay fishing industry.

Last January, Frank had protested to the Chief of Engineers that building the proposed refinery would pose a grave threat to the Chesapeake Bay's \$87 million shellfish industry. The Chief of Engineers nevertheless has recommended that a permit be issued for the refinery.

In the letter to Secretary of the Army Clifford Alexander, Frank said:

"I must emphasize that I continue to believe that the risks to the Maryland and Virginia fishing industries... are unjustified. In particular, I believe that the refinery and marine terminal would substantially increase the risk of oil spills in the sensitive lower Chesapeake

Bay; that such spills could significantly threaten valuable resources in the lower Bay, including oysters, blue crabs, finfish, water fowl, wetlands and recreational areas; and that, on balance, Hampton Roads appears to be the worst of a number of alternative refinery sites on the East Coast evaluated by the Corps."

Frank charged that the permit conditions recommended by the Corps are inadequate to cope with the size of the problem.

"For the most part," he wrote, "these conditions address spills at the terminal site and do little to eliminate spills due to accidents in transit — our primary concern. Even with these conditions, moreover, we do not believe that available technology is adequate to contain the cleanup of a significant spill, especially under adverse weather conditions."

He asked that Secretary Alexander hold an informal hearing to consider the issues.

## NOAA Is Awarded Cup For CFC Contributions



Administrator Richard A. Frank accepts the Secretary's Cup from Assistant Secretary for Administration Elsa Porter. They are flanked by Dick Foster, CFC Chairperson and Michael Binder, CFC Coordinator.

NOAA has been awarded the Secretary's Cup for its outstanding contribution to the 1978-79 Combined Federal Campaign. The Cup, given to the Commerce Department agency with 1,000 or more employees that turns in the best performance during the annual fund raising event, was presented to NOAA Administrator Richard A. Frank by DOC Assistant Secretary for Administration Elsa Porter on behalf of Secretary Juanta Kreps.

More than 3,200 NOAA

employees in the Washington metropolitan area pledged a total of \$158,786 to the campaign, exceeding the agency's goal by almost \$2,000 and resulting in an average gift of \$49.56.

Six NOAA offices had more than 90 percent of their employees participate in the campaign, including the offices of Coastal Zone Management, Oceanic and Atmospheric Services, Public Affairs, Sea Grant, Research and Development, and

*(Continued on p. 2)*



**Albert Mark**

served as vice president.

In the mid-60's Mark worked for four years at the Democratic National Committee where he

*(Continued on p. 2)*

# AMS 1979 Awards Honor Five NOAA Employees

The American Meteorological Society has announced the recipients of its 1979 Annual Awards. Five of the twelve awards were made to NOAA employees.

The Carl-Gustaf Rossby Research Medal, the Society's highest honor presented in recognition of outstanding contributions to man's understanding of the structure or behavior of the atmosphere, was awarded to Dr. Herbert Riehl. He is a Senior Scientist at the Cooperative Institute for Research in Environmental Sciences (CIRES) of the University of Colorado and NOAA.

The Society's second highest honor, the Second Half Century Award, was given this year to Dr. J. Murray Mitchell, Jr. "for his broad fundamental contributions to the study of climate and climate change, ranging in scope from ice ages to the effects of urbanization." Mitchell is a Senior Research Climatologist with EDIS in Silver Spring, Md.

The Meisinger Award, given in recognition of research achievement that is, at least in part, aerological in character was awarded to Dr. John C. Wyngaard, a Fellow at CIRES, University of Colorado, and physicist at NOAA's Wave Propagation Laboratory.

The award for Outstanding Service by a Weather Forecaster was made jointly to NOAA's Robert J. C. Burnash and Arthur F. Gustafson for their early recognition of the likely persistence of the California water shortage of the mid 1970s, their timely recognition of its end, and their effective advice to government agencies and the public at large. Burnash and Gustafson were also recently recognized by NOAA with a jointly awarded Public

Service Award, presented for their performance during that same California drought of 1975-77.

A Special Award was presented jointly to Guy H. Gray, Jr., Benjamin Brown, William C. Henry, John E. Michener, and Leon Schirn for their activities involving the Kansas City flash flood of September 12, 1977. The five are employed at the National Severe Storms Forecast Center, National Weather Service, Kansas City, Mo. Each also recently received Special Achievement awards at the Center in recognition of their individual contributions.

The Charles Franklin Brooks Award for Outstanding Services to the Society was given to Dr. Robert M. White, former NOAA Administrator and now Chairman of the Climate Research Board, NAS, Washington, D.C.

**Mark** (From p. 1) was Director of Public Affairs, Research, and Information.

He began his career as a researcher and United Press wire service stringer and correspondent in Europe, and then returned to his native New York City to enter public relations.

Mark received his undergraduate degree in sociology from the University of Wisconsin, and holds a Masters in International Affairs from Columbia University. He also attended the University of Paris (Sorbonne) as a graduate doctoral research fellow.

**Deputy Director For NWS** (From p. 1)

Previously he was Chief of the Data Assimilation Branch in the NWS's National Meteorological Center in Washington, D.C.

He was graduated from the University of Chicago with a B.A. in meteorology in 1952. After five years as an Air Force Weather Officer, he returned to the University of Chicago to earn an M.S. in 1960 and a Ph.D. in 1965.

From 1965 to 1970, Bonner was assistant professor of meteorology at the University of



**Herbert Padilla (right) receives the NOS Outstanding Employee of the Year Award from R. Adm. Allen L. Powell with assistance from Padilla's wife, Frances.**

## NOS' Outstanding Employee

Herbert Padilla, of Maui, Hawaii, was presented the NOS Outstanding Employee of the Year Award by R. Adm. Allen L. Powell, NOS Director, at a recent ceremony in Rockville.

Padilla, who is Chief Boatswain aboard the NOAA Ship McArthur, was presented \$500 and a certificate.

"Chief Padilla is a distinguished sea-going employee of NOS," said Powell. "He is highly respected by his shipmates for his overall competence, honesty, experience and business-like approach to tasks, and for his

willingness to assist anyone with any problem. His total commitment and loyalty to the fleet is an inspiration to all those who work with him."

An enlistment in the U.S. Marine Corps from 1952 to 1956 took Padilla to Japan for two years and then two years at Mare Island, Calif. Four years after his first employment in 1962 aboard the USC/GSS Pioneer, Padilla was assigned to the Oceanographer as Seaman Surveyor in 1966; in 1969 as Boatswain Group Leader aboard the NOAA Ship Fairweather; and in January 1975, as Chief Boatswain on the NOAA Ship McArthur, a vessel specializing in tides and currents missions.

**CFC** (From p. 1) Program Evaluation and Budget.

The Combined Federal Campaign comprises 143 charitable agencies associated with the Washington, D.C. United Way and United Black Fund, the National Health Agencies of the capital area, and six international service agencies.

California at Los Angeles. He was a part-time staff meteorologist for KNBC-TV in Los Angeles, Calif., from 1968 to 1970. He joined the National Weather Service with the Techniques Development Laboratory in Washington, D.C. in 1970.

Bonner is a member of the American Meteorological Society (AMS) and was elected AMS Fellow in 1977. He was Associate Editor, Journal of Applied Meteorology, and is the author of many articles on meteorology.

## 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  
Warren W. Buck, Jr., Art Director

### A NOAA News For Everyone

NOAA News has increased its distribution so that every employee gets a copy. Questions about delivery to employees or offices should be directed to respective mail distribution centers.

# Jackson State Gets Gifts From NOAA Employees

Presentation of fourteen large cartons of professional publications to Jackson State University by Dr. George P. Cressman, who has recently left his position as Director of the National Weather Service to return to research at the National Meteorological Center, is the latest aspect in the cooperation between NOAA and Jackson State in the development of an undergraduate meteorology program at the university.

Cressman's gift, which is only one of several such gifts made by NOAA meteorologists to Jackson State University, will provide the Henry T. Sampson Memorial Library at Jackson State with files of such publications as the Journal of Meteorology, the Journal of the Atmospheric Sciences, the Journal of Applied Meteorology, and the Monthly Weather Review, as well as many reports.

"The deposit of these journals, which would cost several thousand dollars for us to

purchase, in the central library facility at Jackson State will provide a most valuable resource for our meteorology program," said Dr. Keith W. Johnson, Visiting Professor of Meteorology as he participated in the ceremony formally presenting Cressman's gift to Dr. John A. Peoples, Jr., President of Jackson State University. "I am especially gratified that Dr. Cressman, upon his retirement from his post of leadership in which he has been the nation's number one weather man for the past 13 years, has seen fit to provide for the training of young meteorologists by making this gift of his personal library to our institution. An especially important component of this gift is a lengthy file of *Tellus*, the journal of the Swedish Geophysical Society, in which many of the most important papers in the field of meteorology have been published," continued Dr. Johnson.

"I am also sure," added Dr.



NOAA's Dr. Keith W. Johnson, Visiting Professor of Meteorology at Jackson State University, and the University's President, Dr. John A. Peoples, Jr., display some of the volumes in Dr. George P. Cressman's gift to Jackson State University.

Johnson, "that Dr. Cressman would want me to emphasize that his gift is only one of many such that has been made by NOAA's meteorologists, who recognize the importance of the training of the next generation of atmospheric scientists, and feel that the Jackson State program is worthy of support."

President Peoples noted that NOAA's support of the Jackson State program has included the

gift of weather instruments and the assignment since August 1978 of Dr. Johnson to Jackson State for the purpose of developing the meteorology program. Dr. Johnson indicated that this term five classes in meteorology with an average enrollment of 20 are being taught by himself and Charlie Liles, a forecaster at the Jackson Weather Service Office.

## Callahan Is CO Of NOAA Ship Ferrel

Cdr. John K. Callahan, Jr., NOAA Corps, has been appointed commanding officer of the NOAA ship Ferrel.

The 133-foot, 363-ton Ferrel is designed to measure coastal and estuarine currents. The results of the ship's surveys appear in the publication, Tidal Current Tables, and on tidal current charts produced by NOS. The vessel, which carries a complement of 16 officers and crew, is based at Norfolk, Va., and is now conducting a 5-month current survey off Berwick, La.

Callahan, who joined the Corps in 1966 has an engineering degree from the State University of New York Maritime College and a law degree from Catholic University. His previous assignments include duty aboard the NOAA ships Oceanographer, Discoverer, and Peirce, the latter as executive officer. Prior to his



Cdr. John K. Callahan, Jr.

present assignment, he was assigned to the NOS Director's staff — serving on the NOS Committee for Law of the Sea, the NOAA Committee for Law of the Sea, and an ad hoc committee established by the Law of the Sea Task Force regarding U.S. seaward boundary delimitation.

Callahan is the recipient of a Department of Commerce Special Achievement Award and is a member of the Society of Naval Architects and Marine Engineers.

## Researcher Uses Satellite Signal To Measure Liquid In Clouds, Sky

A novel device that uses a satellite signal to measure the amount of liquid water in the sky or clouds may have a variety of meteorological uses, J. B. Snider a researcher with NOAA's Environmental Research Laboratories in Boulder believes.

Snider sees his work as being beneficial in weather forecasting, cloud seeding for weather modification, and detection of conditions causing icing on aircraft wings.

He uses a combination antenna-microwave radiometer to measure the intensity of a satellite signal and the temperature of the sky or clouds in line with the position of the satellite.

The antenna monitors a continuous signal from the COMSTAR 3 satellite on a wavelength sensitive to liquid water, while the radiometer alternately measures the heat radiation from the sky or any clouds between the satellite and the ground position.

A fading of the satellite signal,

matched by an increase in sky or cloud temperature, according to Snider, gives a measure of the amount of liquid water along a line between the radiometer and the spacecraft.

Liquid in the atmosphere, Snider explained, absorbs part of the satellite's signal, so that if a water-bearing cloud passes between the spacecraft and the ground-based instrument, the signal fades. When compared against an increase in the temperature of the cloud, this gives Snider a measure of the amount of liquid in the cloud.

The system has been operating, on an experimental basis, near the laboratory site in Boulder. This summer, Snider hopes to compare his measurements of the liquid water content of clouds with estimates from cloud-penetrating aircraft carrying probes. But he believes the system to be more accurate than any now in existence.

# Snyder Is Elected To Academy

R. Adm. J. Edward Snyder, Jr., the Oceanographer of the Navy and Naval Deputy to the NOAA Administrator, has been elected to the National Academy of Engineering. The Academy's



R. Adm. J. Edward Snyder, Jr.

announcement cited Snyder's contribution to the development of the Polaris reentry system and his contribution to the U.S. National Oceanographic Program.

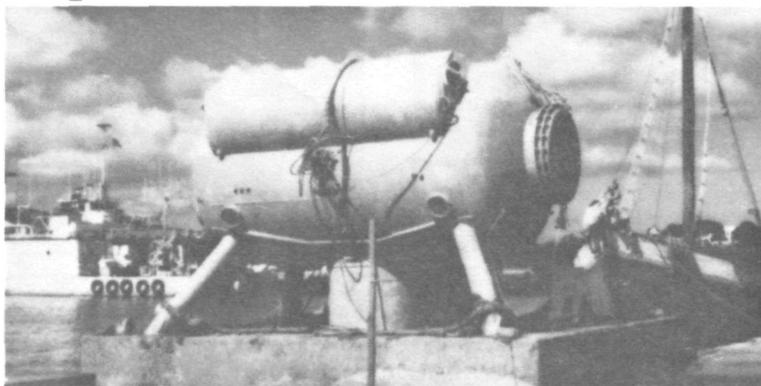
Election to the Academy is the highest professional distinction that can be conferred on an engineer. Snyder's membership recognizes his ocean engineering achievements during a naval career spanning more than 30 years.

## Largest 8 (a) Award By NOAA Goes To DC Firm

A \$787,650 contract to microfilm climatological records for the National Climatic Center in Asheville, N.C., has been awarded to a Washington, D.C. firm, Automated Datatron, Inc., and is the largest 8 (a) program award ever made by NOAA.

The National Climatic Center is the collection point and custodian of all U.S. weather records, ranging from the contents of 18th century journals of George Washington and Thomas Jefferson to data currently collected by Federal agencies, foreign countries, and state and local agencies. It is a part of EDIS.

## NOAA's Underwater Habitat Gets Inspected For 1979 Missions



NOAA's Underwater Laboratory System rests on the pier in St. Croix, getting inspected, refurbished and analyzed before returning to the sea floor.

NOAA's Underwater Laboratory System (NULS-1) emplaced on the sea floor off St. Croix, V.I., in November 1977, was brought to the surface to undergo maintenance, refurbishment, and to be classified by the American Bureau of Shipping as a "Manned Underwater Laboratory."

Elliott Finkle, Operations Manager and MUS&T Program Manager of the National Cooperative Habitat Program directed the operations at St. Croix. The Habitat, weighing 60 tons, was "blown" to the surface, towed from the operations site to Gallows Bay, Christiansted, and lifted onto the pier by a 160-ton crane owned by the Hess Oil Company of St. Croix. The

habitat remained on the pier during the months of February and March undergoing a complete analysis to validate the safety and integrity of the pressure vessel.

The unique unmanned system is one of only two active habitats in the world and the only system operational in the United States. NOAA purchased the system in 1976 and completely refurbished it. Marine scientists from the U.S. and Caribbean areas successfully completed eight missions of seven-day durations each during 1978.

The first 1979 scientific mission is expected to begin this summer.

## Atmospheric Science Reports

### Available On Microfiche At LISD

The Library and Information Services Division (LISD), Environmental Science Information Center, has on microfiche all 1975 to date reports on atmospheric sciences and related subjects available from the National Technical Information Service (NTIS) in selected categories of interest to NOAA personnel.

One collection, located in the LISD Silver Spring Center, 816 Gramax Building, covers aeronomy; dynamic meteorology; meteorological data collection, analysis, weather forecasting and related areas. A similar collection, which covers ocean technology and engineering as well as dynamic meteorology, and hydrology and

limnology is available in Miami, Florida at the LISD Miami/Coral Gables Center.

Reports cover the work, both in-house and contractual, of all Government agencies that make publications available through the NTIS Clearing House.

Fiche, which contain full-text of all reports covered, are available for loan within NOAA, or can be used in either center with on-site microfiche readers. Limited facilities for making paper copies from fiche are available.

For further information, call either the Silver Spring Center at 427-7800 or the Miami/Coral Gables Center at 350-1300 (FTS) or 361-3361 (Local).

## Comment Time Extended On CS Reform Act Rules

The comment period of interim regulations regarding the Civil Service Reform Act has been extended by the Office of Personnel Management (OPM) to make it easier for agencies, unions, and interested members of the public to comment on the numerous amendments to the Code of Federal Regulations.

### Regulations Published in Federal Register

Vol. 44, No. 11 - Tuesday, 1/16/79, Part 308 - Volunteer Service, Part 315 - Career and Career Conditional Employment - Probationary Period for New Managers and Supervisors, Part 430 - Performance Appraisal  
Comment Date: 4/30/79

Vol. 44, No. 14 - Friday, 1/19/79, Part 330 - Recruitment, Selection and Placement (General) - Notifying State Job Service Offices of Federal Vacancies  
Comment Date: 4/30/79

Vol. 44, No. 16 - Tuesday, 1/23/79, Part 315 - Career and Career Conditional Employment - Disabled Veterans, Part 316 - Temporary and Term Employment - Disabled Veterans, Part 410 - Training, Part 550 - Pay Administration (General) - Reductions in Military Retired Pay, Part 831 - Retirement  
Comment Date: 4/30/79

Vol. 44, No. 34 - Friday, 2/16/79, Chapter 1 - OPM, Civil Service Reform, Subject: Interim Regulations delegating authority to agencies to take certain actions without prior approval of OPM  
Comment Date: 6/16/79

Vol. 44, No. 43 - Friday, 3/2/79, Part 536 - Grade and Pay Retention  
Comment Date: 5/1/79

Employees wishing to examine or comment on any of these interim regulations should contact their servicing personnel office for copies.

## Tornado Film And Slide Series Available Now

The NWS Disaster Preparedness Staff, in cooperation with the Defense Civil Preparedness Agency, has prepared a shortened version of the 16 mm, color, sound film, "Day of the Killer Tornadoes." This 14½ minute version of "Day of the Killer Tornadoes" is available on loan from the NOAA film library. The address is: Motion Picture Service, NOAA, 12231 Wilkens Avenue, Rockville, MD 20852.

This film is comprised of dramatic footage of the actual tornadoes that hit 11 states, killed 307 people, contained 147 twisters on April 3-4, 1974. It illustrates how the warnings, preparedness planning and coordination of Emergency Operating Centers were effective in saving lives.

The Disaster Preparedness Staff will also distribute a new slide series, "Tornado Safety in Residences," prepared by Professor James Abernethy of the Lawrence Institute of Technology. It will be sold by the National Audiovisual Center,

## Ocean Thermal Energy (OTEC) Contract Awarded To Lockheed

A \$233,450 contract for the development of preliminary designs of subsystems to keep ocean thermal energy (OTEC) power plants anchored in stable fashion at sea has been awarded Lockheed Missiles and Space Company, Inc., Sunnyvale, Calif., by NOAA.

Officials of NOAA's Office of Ocean Engineering said an effective method of holding OTEC floating power plants in position so that electrical cables carrying power ashore from the plant will not disconnect is vital to the OTEC system.

An OTEC plant would utilize the potential energy inherent in the temperature difference between warm surface waters of tropical oceans and the cold water at the oceans' bottoms to generate electrical power. Solar energy stored in the surface waters would be transferred to a

### TIROS-N TAKES OVER

The NOAA-5 satellite, launched in polar orbit on July 29, 1976, has been decommissioned by NESS, effective March 1; its functions being taken over by TIROS-N.

The last of the ITOS series of satellites will be recallable, however, until at least after the launch of NOAA-A in May, in the event problems should develop with TIROS-N.

Order Section, GSA, Washington, D.C. 20409. The series is \$36 (order #A00796) and includes 130 slides, a 33-minute cassette tape, and a commentary. This lecture depicts the effects of tornadoes on residential structures by excessive winds, missile damage and building displacement. It identifies the safest locations in many types of residences, including mobile homes.

Information about other disaster preparedness publications and audiovisuals can be obtained from the NWS Disaster Preparedness Staff (OA/Wx5), 8060 13th Street, Silver Spring, MD 20910.

working fluid in a large heat exchanger, causing evaporation of the working fluid, much like a giant heat pump.

The energy extracted would be used to run a turbine to generate electricity either for use in making energy intensive products on board the floating power plant or for direct transmission by cables to the shore.

Under the contract, Lockheed will develop preliminary designs for each of two modular experiment platforms at a Puerto Rico site. In addition, the feasibility of using similar designs for larger commercial OTEC power plants of up to 400 megawatts capacity will be determined in the Lockheed effort.

NOAA is managing the contract in support of a Department of Energy program intended to perfect OTEC plans.

## 1979 Tornado Threat Is Described By NWS

If 1979 is a "normal" tornado year, about 700 of the earth's most violent windstorms will strike throughout the U.S. and may kill more than 100 people.

Last year, 788 of these fierce whirlwinds struck in all but eight states, killing 53 persons and doing millions of dollars in damage.

These grim statistics are from NOAA, which has inaugurated "Skywarn '79," an effort to save lives through individual and community preparedness planning.

"We're gratified the death toll last year was well below the annual average, and that's most encouraging," said Dr. Richard E. Hallgren, Director of the National Weather Service. "We like to think that our forecasts and warnings, together with preparedness actions at the community level, were responsible for the low death count last year.

"But the possible public apathy that might follow causes all of us on the Federal-state-local level a lot of uneasiness," Hallgren added, "That apathy could be a killer. We must exercise more vigilance than ever, to try to keep the number of deaths down. Skywarn is one way of doing this. I think it can and must be done."

### Florida's Southeast Coast Surveyed By NOAA Ship Peirce

A 4-month chart adequacy survey of Florida's east coast including the Intracoastal Waterway from Miami to Bahia Honda Key was begun in late February by the NOAA ship Peirce commanded by Cdr. C. Dale North, NOAA Corps, to provide the latest navigational information for seagoing commerce and recreational boating.

The Chart Adequacy Survey is part of a program by NOS to provide new information to the NOS Office of Marine Surveys and Maps on the adequacy of its major marine products that include its Tide Tables and Coast Pilot publications.

Allen Pearson who heads NOAA's National Severe Storm Forecast Center in Kansas City, Mo., cautioned, however, that, "a one year decline in tornado deaths is hardly a trend."

"It only takes one maxi tornado or one family outbreak to knock your averages for a loop," Pearson said. He defined a maxi tornado as one with winds in excess of 200 miles per hour, which remains on the ground for more than 30 miles.

While maxi tornadoes represent only about three percent of the total number of reported tornadoes, they are responsible for about 90 percent of all the deaths.

### TORNADO SAFETY TIPS

NWS urges individuals to heed these safety tips:

- When a tornado threatens, your immediate action can save your life!

- Stay away from windows, doors, and outside walls! Protect your head!

- In homes and small buildings, go to the basement or to an interior part of the lowest level—closets, bathrooms, or interior halls. Get under something sturdy.

- In schools, nursing homes, hospitals, factories, and shopping centers, go to designated shelter areas. Interior hallways on the lowest floor are usually best.

- In high-rise buildings, go to interior small rooms or hallways.

- In mobile homes or vehicles, leave them and go to a substantial structure. If there is no shelter nearby, lie flat in the nearest ditch, ravine, or culvert with your hands shielding your head.

**Tornado Watch:** Tornadoes and severe thunderstorms are possible.

**Tornado Warning:** Tornado detected, take shelter immediately.

Listen to radio, television, or NOAA Weather Radio for latest National Weather Service bulletins.

## Nominations For Major Awards Due In May

Nominations for the 1979 DOC Gold and Silver Medals and for the NOAA Awards and NOAA EEO Award are due May 11.

Forms CD-242, "Recommendation for Medal Award," and Form CD-223, "Citation for Medal Awards," should be completed for all DOC medal nominations. The nominations for all NOAA Awards, including the NOAA EEO Award, should be submitted on Form CD-326, "Recommendation for Recognition."

Justification for the awards must include specific examples of the contribution. In cases where the nominees for Gold and Silver Medals or the NOAA Awards are supervisors, a statement documenting their involvement in and support of the NOAA EEO Program must be

included.

*The Gold Medal*, the highest Departmental award, is granted for rare and outstanding contributions of major significance to the Department, the Nation, or the world.

*The Silver Medal*, the second highest award, is granted for contributions of unusual value to the Department.

Nominations, except those based on heroism, must be accompanied by a current Outstanding Performance Rating.

*NOAA Awards* - The four NOAA Awards are presented in recognition of unusually significant contributions to (1) Scientific Research and Achievement, (2) Public Service, (3) Engineering and Applications Development,

and (4) Program Administration and Management. As a rule, one award is made in each of the foregoing categories and consists of a plaque and \$1,000.

*NOAA EEO Award* - This award, consisting of a plaque and \$1,000, is granted for significant contributions to NOAA through the advancement of Equal Employment Opportunity Program goals either internally or in our community relations and public dealings.

All nominations require the approval of the head of the appropriate Major Line Component in which the nominee is employed. Forms and additional information concerning the submission of these awards may be obtained from servicing personnel offices.

## Incentive Awards

### Program Rewards

#### Superior Work

The Incentive Awards Program is used to recognize and reward superior performance of NOAA employees. Some types of recognition are:

**QUALITY INCREASE (Q.I.)** - The basis for a Q.I. is that all of the most important job elements must be performed in a manner substantially exceeding normal requirements; and performance of other job elements must exceed normal requirements. The performance must give promise of continuing at the same high level in the same grade and position. A statement to this effect must be included in the recommendation. An employee must have been in the same grade and position for at least six months preceding the award. No Quality Increase may be granted which is based in whole or in part upon a specific act or any period of service which served as the basis for a previous monetary award.

The granting of a second Q.I. to the same employee immediately after the 52-week period of the granting of the first Q.I. can result in overlapping recognition since a Q.I. is based in part on the expectation of continued high quality performance.

**CASH AWARDS (C.A.)** Sustained Superior Performance (S.S.P.) Special Act or Service (S.A. or S.) - Cash awards fall in two general categories - one is for sustained superior performance, the other for a special act or service. A Cash Award for Sustained Superior Performance is based on individual work performance of one or more of the most important job elements which exceeds performance requirements of regularly assigned duties for a period of at least six months. The amount of the award must be consistent with the award scale based on the individual's grade as follows:

GS 1-8	\$300
GS 9-13	\$400
GS 14-18	\$500

(Continued on p. 7)

## NOAA Personnel Division Lists Current Vacancies

Announcement Number	Position Title	Grade	Organization	Location	Issue Date	Closing Date
CR-79-31(MK)	Meteorologist (Warning and Preparedness Meteorologist)	GS-12	NWS	Indianapolis, Ind.	4/2	4/16
WR-79-26(DD) Readvertisement	Meteorologist (Forecaster/Fire Weather Forecaster)	GS-12	NWS	Salt Lake City, Ut.	4/2	4/16
ER-79-14(SB)	Meteorological Technician (Weather Service Specialist)	GS-7/8/9/10	NWS	Wilmington, Del.	4/2	4/16
WR-79-25(DD)	Electronics Technician (Senior Electronics Technician)	GS-10 (promotion potential to GS-11)	NWS	Las Vegas, Nev.	4/2	4/16
WR-79-27(DD)	Electronics Technician	GS-10 (promotion potential to GS-11)	NWS	Los Angeles, Calif.	4/2	4/16
CR-79-28(MK)	Meteorologist (Forecaster)	GS-12	NWS	Denver, Colo.	4/2	4/16
CR-79-24(GL)	Hydrologist (3 positions)	GS-12 (fillable at GS-11)	NWS	Denver, Colo. Minneapolis, Minn. Des Moines, Io.	4/2	4/16
NMFS-79-22CG	Computer Programmer	GS-7/9	NMFS	Washington, D.C.	4/2	4/16
NMFS-79-21MM	Secretary (DMT)	GS-6	NMFS	Washington, D.C.	4/2	4/16
NASO-79-C9	Supervisory Fishery Biologist (Research)	GS-14 (may be filled at GS-13 level)	NMFS	San Diego, Calif.	4/2	4/16
ER-79-16(SB)	Meteorologist Technician (Weather Service Specialist)	GS-7/8/9/10	NWS	Cleveland, Oh.	4/4	4/18
CR-79-33(GL)	Supervisory Meteorologist (Chief Observations Branch)	GS-12	NWS	Kansas City, Mo.	4/4	4/18
SR-79-23(GC)	Meteorologist (Forecaster)	GS-12	NWS	Atlanta, Ga.	4/4	4/18
ER-79-17(SB)	Meteorologist (Forecaster)	GS-12	NWS	Columbia, S.C.	4/4	4/18
CR-79-34(MK)	Meteorologist Technician (Weather Service Specialist)	GS-9 (may be filled at GS-8 or 7)	NWS	Lander, Wyo.	4/4	4/18
NWS-79-21(NS)	Electronics Technician	GS-12	NWS	Silver Spring, Md.	4/5	4/19
NOS-79-28(DB)	Supervisory Cartographer	GS-13	NOS	Silver Spring, Md.	4/5	4/19
SR-79-24(GC)	Meteorologist (Leading Forecaster)	GS-13	NWS	Memphis, Tenn.	4/5	4/19

# Black History Week Was Celebrated By NOAA



Lt.Cdr. Dennis Pepe, NOAA Corps, and Karol Scott, NOS, provide information to some of the 109,222 persons attending the recent 1979 Seattle Boat Show.



Celebrating Black History Week at NOAA were: Rockville Mayor William E. Hanna, Jr., Professor Louis Raymond Perkins, Otto Meyers, Charles Day, Barbara Gray, Wiley Portee, and Landry Williams, Jr.

## Incentive Awards Program *(From p. 6)*

No exceptions to the scale shall be approved. Application of the scale to a non-GS position may be made by comparing the entrance pay rates for the grades, but for wage positions the hourly rate will be converted to an annual rate that can be compared to the nearest first step of a grade in the General Schedule.

The above scale does not apply to a Cash Award for Special Act or Service or group performance. A Cash Award for Special Act or Service may be granted to an individual employee or a group of employees for a special act or service in the public interest of a one time nonrecurring nature connected with or related to official employment. There is no time requirement to be met in this category. There must be something unique about the performance or the work situation, such as tangible savings, working under difficult conditions or emergency situations. A Cash Award for Special Act or Service is based on the tangible or intangible scale according to the contribution or achievement.

The Award Scales for Tangible and Intangible are Exhibits A and B of the NOAA Personnel Handbook, Chapter 10. Cash Awards for Special Act or Service are not determined according to grade. *DO NOT* use the GS-scale, use the tangible scale (Exhibit A) if the contribution has tangible benefits

estimated to be \$250 or more. If no tangible benefits, use the intangible scale (Exhibit B) and the amount of the award would be according to the contribution of the achievement. This would be determined according to the value of benefit and extent of application. Use the adjectives from Exhibit B in order to properly justify the award.

If a nominee for these awards is a supervisor, a statement documenting their support and involvement in the NOAA EEO Program must be included. Nominations for the above types of recognition will be submitted on Form CD-326, "Recommendation for Recognition."

Employees who have been promoted or reassigned within the last six months or those for whom a promotion is in progress shall not be recognized for a Quality Increase or Cash Award for Sustained Superior Performance.

When a contribution is creditable to more than one employee, all employees, including a supervisor, to whom the contribution is creditable may share in the award. Such awards may be in equal shares or to each employee in proportion to his or her share of credit for the contribution. The total amount of a cash award to a group may not exceed the amount that would be authorized if the contribution had been made by one individual.

A Black History Commemoration Program, sponsored by the NOAA Employees Against Discrimination (NEAD), was held in Rockville in February in observance of Black History Week.

Guest speaker was Professor Louis Raymond Perkins of the University of the District of Columbia, who told his audience, "While one must grant at once that extraordinary talent, great intellectual strength and unusual opportunity are necessary to break out of this prison of the so-called Black problem in America, we believe that Blacks in all fields of human endeavor have opened small passageways to the outside world, carving a road in many untrod areas, along which later generations will find it more easy to travel. The breaching of these walls and the laying of this road has not been, and is not, easy."

Other participants in the program were: Landry Williams, Jr., NEAD chairperson; Barbara Gray, coordinator of an Office for Civil Rights publication,

Black History Book, distributed to the attendees; Otto Meyers, Black Coordinator, OCR; Wiley Portee, president of Commerce Committee for Black Concerns; and Charles Day, special assistant to the president of Blacks In Government.

This is the second year NOAA has participated in Black History Week which has been observed in the United States for 53 years.

### Luncheon, Fashion Show, "Gong" Show

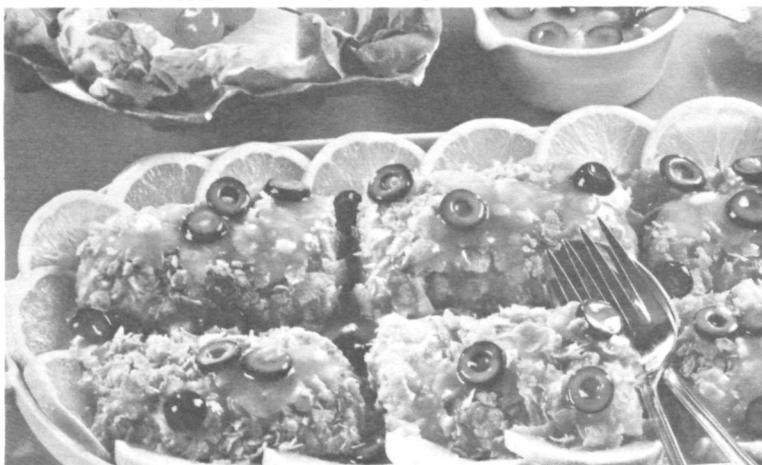
The NOAA Finance Division Community Concern Committee celebrates its third anniversary with a buffet luncheon, fashion show and "Gong" show on Friday, April 20, 11:30 a.m. at the Washingtonian Country Club. For ticket info contact: NBOC1-Karen Coker, 443-8160; NBOC2-Janice Mack, 443-8092; WSC5-Fran Minogue, 443-8017 or Paul Christian, 443-8956; Riverdale-Doris Taylor, 436-6990; Grammax-Clark Edwards, 427-7433; Suitland-Peggy Martin, 443-8666 or Julie Saposnekoo, 763-7427; Page-Betty Baran, 634-7496; Rockwall-Martha Lindstrom, 443-8594.

### TAX NOTE

Employees who are subject to city tax withholdings for the City of Cleveland, Ohio will notice a change in their city tax for salary checks dated on or after April 4, 1979.

OFFICIAL BUSINESS

**FROM THE GALLEY**



**CRISPY BAKED COD FILLETS WITH ORANGE OLIVE SAUCE**

- |   |   |
|---|---|
| 2 pounds cod or other thick fish fillets, fresh or frozen | 1/8 teaspoon white pepper                         |
| 1 egg, beaten slightly                                    | 4 cups corn flakes, crushed to make 2 cups crumbs |
| 2 tablespoons milk  | 3 tablespoons margarine or butter, melted         |
| 1/2 teaspoon salt   | Orange Olive Sauce                                |

Thaw fillets if frozen. Cut fish into serving portions. Combine and mix egg, milk, salt, and pepper. Dip pieces of fish into egg mixture; drain and coat evenly with cereal crumbs. Place on well oiled 15 by 10 by 1-inch baking pan. Drizzle margarine or butter over fish. Bake in moderate oven, 350° F., 25 to 30 minutes or until fish flakes

easily when tested with a fork. Serve with Orange Olive Sauce. Makes 6 servings.

**Orange Olive Sauce**

- |                                  |                                   |
|----------------------------------|-----------------------------------|
| 1 tablespoon margarine or butter | 1 cup orange juice                |
| 1 clove garlic, minced           | 2 tablespoons lemon juice         |
| 1 tablespoon sugar               | 1/3 cup sliced pitted ripe olives |
| 1 tablespoon cornstarch          | 1/4 cup sliced green onion        |

Melt margarine or butter in saucepan. Add garlic; cook until tender, not brown. Combine and mix sugar and cornstarch. Add orange and lemon juice; stir until free of lumps. Add to garlic; cook until thickened, stirring constantly. Stir in olives and green onion; heat. Serve over fish. Makes about 1-1/3 cups.

**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 frozen cod fillets and fresh dressed smelt along the Northeast Seaboard; fresh whole fluke and fresh shad in the Middle Atlantic States, including the D.C. area; fresh whole

whiting and frozen rock shrimp in the Southeast and along the Gulf Coast; frozen ocean perch fillets and canned chunk tuna in the Midwest; fresh Pacific red snapper fillets and frozen turbot fillets in the Northwest; and fresh butterfish fillets and ocean perch fillets in the Southwest.

**JOGGERS!**

NOAA's Washington area joggers have announced the year's Jogger's Days and encourage other NOAA facilities throughout the country to join them on the same days with their own local events.

The scheduled running will take place April 21, June 23, September 22, and December 8.

The April 21 event will be held at 10 a.m. at the Carderock area on the Tow Path. Rain date is April 28.

For more information contact: Louis Boezi, 427-7841 or John Brookbank, 427-7730.

NOAA jogger's tee shirt can be ordered from Dennis Hill, 301/443-8752 or Pat Hill, 301/662-7493.



At a recent quarterly meeting that included management and personnel representatives, the NOS EEO Committee elected new officers and discussed the Affirmative Action Plan program for FY 80. The participants were: seated (l to r) Janet Stearns, Pauline Coleman, Alethea Morris, Linda Brown, and Vernetta Hitch; (2nd row, standing l to r) Donald Oliver, James Schad (Vice-Chairperson), Edmond Brunson (Chairperson), Jackie Jordan, Rudolph Fury, Bill Monteith, and Edward Allen; (back row, standing l to r) Joseph Hall, Bernard Gottholm, Karl Schaffrath, Stephen Lyles, James Collom, Harold Howard, and Joseph Keating.

# **National Oceanic and Atmospheric Administration**

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