



# noaa week

Volume 4 Number 19

LIBRARY

May 4, 1973

## FORT LINCOLN IN '76!



(From left) NOAA's Associate Administrator, Dr. John W. Townsend, Jr.; Washington, D. C., Mayor, Walter E. Washington; and Secretary of Commerce Frederick B. Dent at press conference held to announce proposed plan.

### Message From the Administrator

It is my sincere pleasure to be serving as the NOAA Chairman for the 1973 Interdepartmental Savings Bond Campaign.

Savings Bonds are better than ever. The current interest is 5 1/2 percent when held to maturity (5 years, 10 months). Savings are automatic and bonds are absolutely guaranteed against market fluctuation, theft, or destruction. Bonds also offer important tax advantages that enable your dollars for children's college expenses to stretch further or help you have more money available in retirement.

The Bond Campaign will continue through the month of May. This is an excellent opportunity to begin or augment your personal savings program.

Do yourself a favor. Contact your local Savings Bond Keyman and join the payroll savings plan soon.

*Robert M. White*

Congress willing, NOAA will have a new consolidated home. Early in 1976, about 5,000 NOAA employees in the Washington, D.C., area will begin going to work at a new \$77 million facility in Northeast Washington, D. C. NOAA's new headquarters will be a complex providing approximately a million square feet of space in the Fort Lincoln New Town Project, located where the Baltimore-Washington Parkway crosses the D.C.-Maryland line.

The General Services Administration has proposed to the Congress lease construction of the new facility, which will become the central Federal facility in the Fort Lincoln development. This has been characterized by President Nixon as representing a commitment to revitalizing the heart of the Federal City, and providing "an appropriate cornerstone for a Bicentennial program designed to lift the quality of Washington life."

About the site, Dr. Robert M. White, NOAA Administrator, said: "It gives me great pleasure that, after many years of searching for a consolidated home for NOAA, this choice has been made. Not only will our Washington operation be far more efficient-

(Continued on page 3)

## Floods Cause Fish Displacement; NMFS Predicts Limited Damage

Torrents of fresh water surging into the salt water of the northern Gulf of Mexico from flooded rivers in the Gulf States are causing a huge displacement of marine fish populations, but only limited damage to fish and shellfish is predicted by National Marine Fisheries Service scientists working at the scene.

Reactions of some fish species to the heaviest influx of fresh water ever recorded in the Gulf were observed recently from aboard the OREGON II. The ship, commanded by Captain Richard Adams, was surveying groundfish in the region between Pensacola and Galveston when the floodwaters reached the Gulf.

NMFS Biologists, Elmer J. Guthertz and Bennie Rohr, found that large numbers of commercially important croakers, along with quantities of other shallow-water species, had fled many miles offshore into water 35 to 50 fathoms deep, particularly east of the Mississippi Delta where muddy water from shore estuaries extended about 50 miles outward. Presumably as the rivers recede the fish will return to traditional habitats.

The scientists said the new situation might have a passing negative effect on brown shrimp catches this May and June because of displacement of stocks, but that the effect on white shrimp conceivably could be positive, inasmuch as the white shrimp fares better in low salinity water.

Sportfishing, such as for King mackerel and cobia, ordinarily very lively in the Gulf of Mexico in May and June, also might be adversely affected by the temporarily altered Gulf environment.

Southern groundfish surveys are regularly undertaken under the direction of the Southeast Fisheries Center in Miami, Fla. Rolf Juhl is Manager of the Southeast Groundfish Program at the Center's facility in Pascagoula, Miss. In a survey scheduled for June, the scientists will be able to re-assess Gulf marine populations, toward the production of a "before-and-after" study of the effects of the early spring flooding on Gulf ecology.

## National Environmental Satellite Service Holds Tropical Cyclone Analysis Workshop

Vernon F. Dvorak, Technical Assistant to the Chief of the Analysis Branch in the National Environmental Satellite Service's Data Processing and Analysis Division, recently conducted a three-day workshop on the use of satellite data for tropical cyclone analysis. Attendees included representatives from the Department of Defense Joint Typhoon Warning Center, Guam; the Air Force's Cambridge Research Laboratory, Global Weather Central, Air Weather Service Headquarters, and Technical Training Center at Keesler Air Force Base; the Navy's Fleet Weather Facility; the National Weather Service; and NESS.

## AOML To Host U.S.-French Group Planning Vital Ocean Cooperation

The second annual session of the U.S.-French Cooperative Program in Oceanography will be held May 7-9 at the Environmental Research Laboratories' Atlantic Oceanographic and Meteorological Laboratories in Miami, Fla.

Oceanographic experts from both nations will plan international cooperation in such vital areas as ocean pollution, instrument standards, data buoy technology, aquaculture, man-in-the-sea, and a joint program in the mid-Atlantic Ridge.

The U.S. delegation will be led by Dr. Robert M. White, NOAA Administrator; and the French delegation by Yves La Prairie, Director-General of the National Center for the Exploitation of the Oceans (CNEXO).

Dr. Harris B. Stewart, Director of AOML, will welcome the delegates and the sessions will be opened by the Chief Scientists for the U.S.-French Cooperative Program, David H. Wallace, Associate Administrator for Marine Resources, NOAA, and Andre Brin, CNEXO Director of Programs.

U.S.-French marine cooperation has been underway since 1970, and last year NOAA was selected as the U.S. government focus for the effort.

Other NOAA participants will be: James W. Winchester, Director, National Data Buoy Center; Dr. James E. Hanks, Jr., National Marine Fisheries Service, Milford, Conn.; Dr. Donald C. Beaumariage, Director, Manned Undersea Science and Technology Office; Steven N. Anastasion, Executive Secretary, Interagency Committee on Marine Science and Engineering; Captain John O. Phillips, Office of Marine Resources; Dr. George H. Keller, Director, Marine Geology and Geophysics Laboratory, AOML; Gilbert Jaffe, Director, National Oceanographic Instrumentation Center; and Dr. Wilmot N. Hess, Director, Environmental Research Laboratories.

## DAVIDSON Hosts Ketchikan, Alaska, Class



Commander Michael H. Fleming, Commanding Officer of the NOAA Ship DAVIDSON, explained the ship's role as a hydrographic survey ship to 22 people taking a public education course under the Ketchikan Coast Guard Auxiliary, Flotilla 11. The group went aboard the ship to see how data is gathered for nautical charts for the local area and the rest of the United States.

## Annual Supply Shipment Sent To Isla del Cisne, Grand Cayman

The annual resupply shipment, including heavy maintenance and construction supplies and dry and canned food, left Laudania, Fla., last week for Isla del Cisne (known as Swan Island) and Grand Cayman.

Edward M. Otto, Acting Chief of the Logistics and Facilities Section of the National Weather Service Overseas Operations Division, completed arrangements for the accumulation and loading of the cargo aboard the M/V ENRUS. He said that since the shallow draft, roll-on/roll-off stern ramp vessel will back up to the dock at Isla del Cisne, NWS OOPS personnel will not be required to use the landing craft to unload the cargo.

The men there will be especially pleased with this shipment, because it includes a new pick-up truck and some tropical fruit trees for them to plant at the station.

NOAA personnel on Isla del Cisne are Official in Charge Patrick Ianelli; Meteorological Technicians Raymond Agee, Francis O'Leary, and Charles Vinson; Electronic Technician Leopoldo Garcia; and Spencer Bennett, Horis Kelly, Randolph Moore, Norman Smith, and Vincent Chin. Contract employees there are Simon Tatum and Charles Van Phillips.

Official in Charge Frank Roulstone is assisted on Grand Cayman by Electronic Technician David Dahl and Observers Alice Anderson, Marjorie Bodden, Kadie Ebanks, Gilda Pineda, and Floris Thompson.

Named Swan Island after its first lord and master, Captain Swan, who used it as home port for his 15 pirate ships, the island was renamed last year after its sovereignty was transferred by the U.S. to the Republic of Honduras.

NWS personnel have been making weather observations from the island since 1939.

## Fort Lincoln (Continued from page 1)

ly based, but we shall have a remarkable opportunity to participate in President Nixon's program to enhance the quality of life in the Federal City.

"The Fort Lincoln site, where New Town will be created as a part of our Bicentennial celebration, is most pleasantly situated. NOAA's facilities will be specifically designed for our agency's activities and will be as architecturally exciting as they are functionally efficient. Excellent highways and easy access both to the Beltway and to downtown Washington are among the favorable features of our future home."

NOAA, with approximately 40 percent of the Commerce Department's employees, is the largest agency in the Department. It is presently dispersed in no fewer than 19 sites in the Washington, D. C., area. Of the NOAA employees now in the metropolitan area, 55 percent work in Montgomery County, Md.; 27 percent in Prince George's County, Md.; 17 percent in the District; and a few in Virginia. Their consolidation is expected to result in significant operating economies, with annual net savings estimated at \$2 million a year.

## Fort Lincoln New Town Project Called "Most Challenging Ever"

The building of Fort Lincoln's New Town will create within the City of Washington a new community of some 16,000 residents, complete with theaters, shops, cultural, and educational facilities, offices, a lake and central green, and a 12-acre forest preserve. Called one of the most challenging and significant building developments ever proposed for an American city, it is envisioned as a socially, racially, economically, and functionally balanced community that preserves and enhances the environment.

Its 342-acre site, largely vacant at the present time, is one of the most attractive undeveloped areas in the District of Columbia and includes ridges, forests, fields, a ravine, springs, and marshland. Here, during the War of 1812, a battery led by Commander Joshua Barney held off the British Army until Barney's ammunition was exhausted. The fort from which the community will take its name was built in 1861 on a ridge--one of the highest points in the city--to protect the Nation's Capital from attack by Confederate forces.

These historic sites will be among the nearly 100 acres set aside for recreational use. A wide central open space is planned, with a large lake and central green from which malls and pedestrian walkways will radiate to the various neighborhoods within the town.

To be located in the town center are a shoppers' concourse, a performing arts center, a secondary school, public library, portions of Federal City College, and the office complex. The majority of the office space is to be occupied by Federal agencies, principally NOAA, but additional offices will be available for professional and commercial use. The town center would also be the terminal for a proposed mass transit shuttle, connecting Fort Lincoln with the Metro rapid transit system at the Eastern Avenue station.

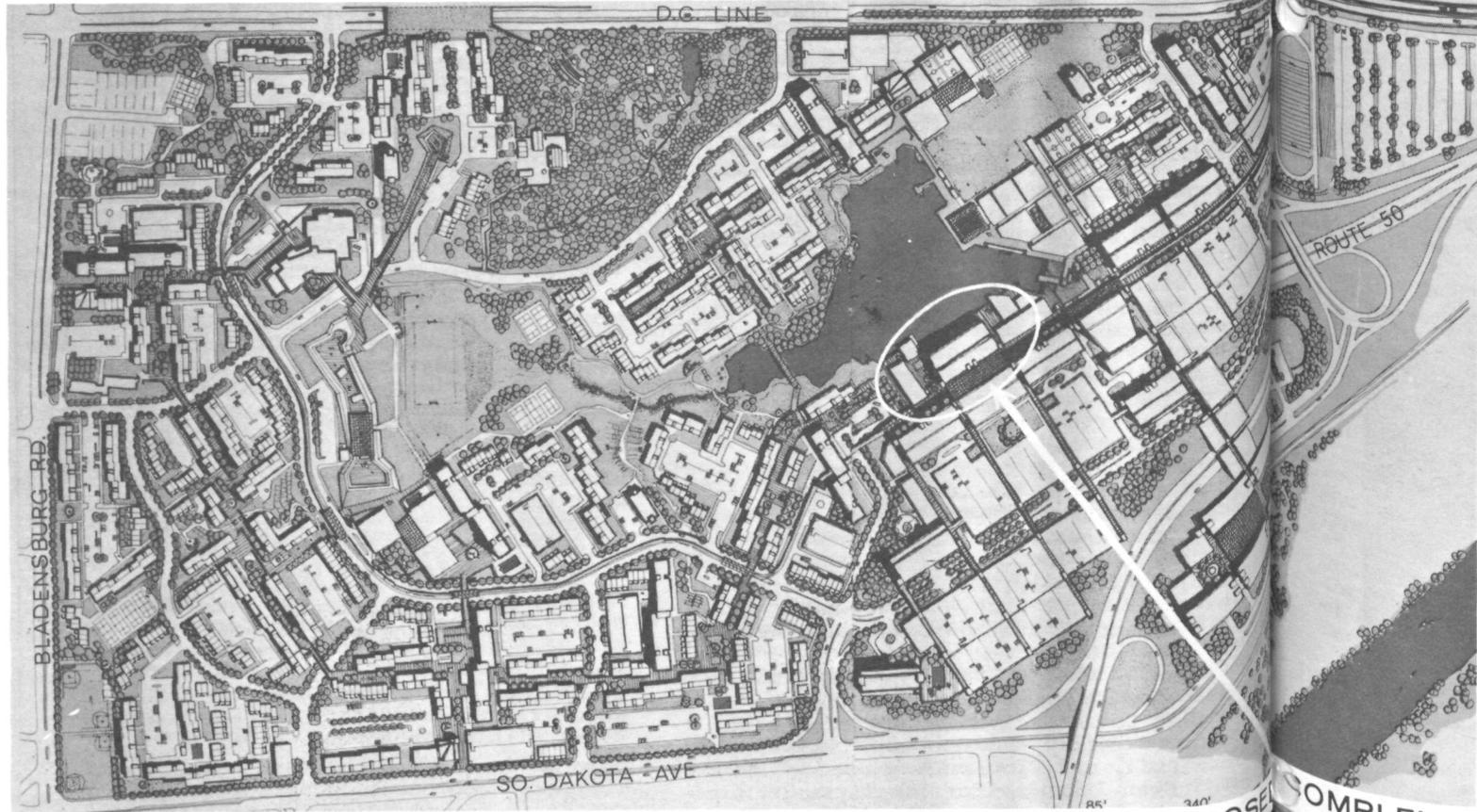
Planned residential facilities will offer a choice of high-rise apartments, garden apartments, or townhouses, while offices will be in high-rise structures.

A major social innovation will be greatly expanded opportunities for home ownership. More than three out of four families are likely to own their apartments or individual dwelling units.

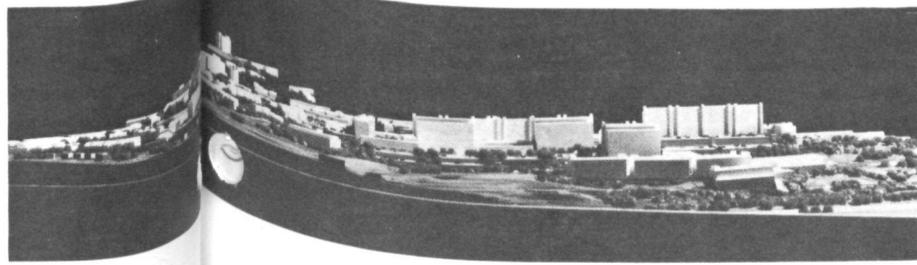
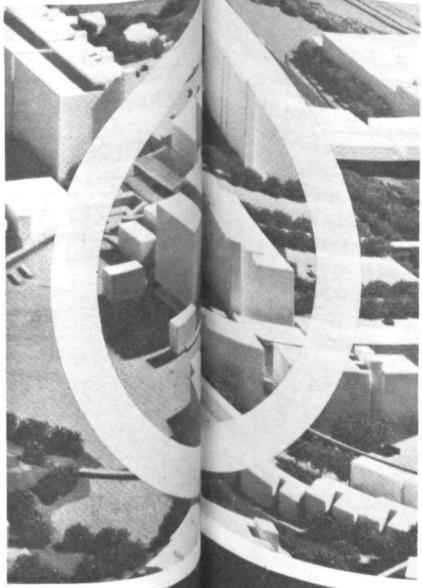
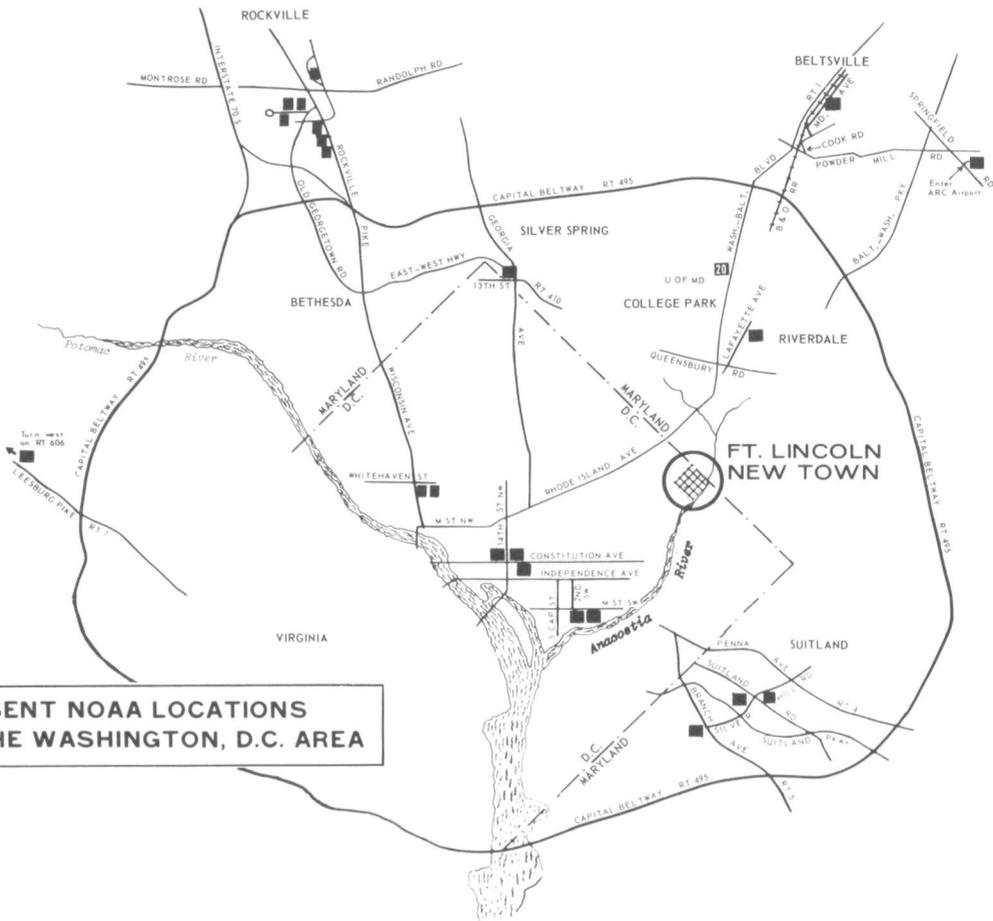
## Daily Tide and Storm Surge Levels Provided By NOAA Pilot Program for Norfolk, Va., Area

NOAA has inaugurated a pilot program which provides daily tide and storm surge levels by telephone for mariners and residents of low-lying coastal areas in the Norfolk, Va., area. The program is being sponsored by the Atlantic Marine Center and the National Weather Service Office at the Norfolk Regional Airport. In announcing the program, Rear Admiral Alfred C. Holmes, AMC Director, said it will provide more accurate tide and water level predictions for the Hampton Roads area.

# NOAA Facility Planned as Hub of Balanced New Community



PROPOSED COMPLEX



At upper left is artist's concept of completed town and (flush left) of skyline of New Town. Aerial photo above shows site in relation to existing streets and the Baltimore-Washington Parkway.

# recipe of the week



## ALOHA SEAFOOD FOR DIETERS

2 pounds ocean perch or other fish fillets,  
fresh or frozen  
1/2 cup pineapple juice  
1/4 cup steak sauce  
1 teaspoon salt  
Dash pepper

Thaw frozen fillets. Skin fillets and cut into serving-size portions. Place fish in a single layer in a shallow baking dish. Combine remaining ingredients and pour over fish. Let stand for 30 minutes, turning once. Remove fish, reserving sauce for basting. Place fish on a well-greased broiler pan. Broil about 4 inches from source of heat for 4 to 6 minutes. Turn carefully and brush with sauce. Broil 4 to 6 minutes longer or until fish flakes easily when tested with fork. Makes 6 servings. (Approximately 80 calories in each serving.)

## Controls Destroyed by High Water Being Re-established by LSC Section

The Horizontal Control Section of the National Ocean Survey's Lake Survey Center is conducting control surveys along a 45-mile stretch of the Lake Michigan shoreline to re-establish ground controls initially established in 1969. Due to present extreme high water levels of the lake, these controls have been destroyed.

Party Chief William Bergen and Robert Stachon, Ronald Bagalay, Arnold Rybak, Edward Iwasko, and Peter Heltunen are scheduled to complete the work by the end of May.

In the past, these controls have been used by the LSC and the U.S. Army Coastal Engineering Research Center in varied studies concerning the limnological and, in particular, the drift effects along the shore in the area. It is necessary to effect a correlation between the past and future data collection; therefore, ranges must be re-established in their original positions. Also, while the team is stationed at Charles Mear State Park at Pentwater, Mich., they will establish several new ranges.

The resulting limnological studies from the ranges will provide needed information for future effective lake management.

## Stella Breedlove Receives Commerce Bronze Medal

Stella Breedlove, Librarian at the Gulf Coastal Fisheries Center Galveston Laboratory of the National Marine Fisheries Service, recently received a Commerce Bronze Medal for exemplary performance of her duties at the facility. Since joining the Galveston staff in 1956, she developed what is now probably the most extensive and complete marine library on the Gulf Coast. It is open to students from surrounding schools such as Texas A&M University, the University of Texas, and several junior colleges under a supervised-access arrangement.



Ms. Breedlove received her medal from Acting Center Director Robert F. Temple.

## First IDOE Progress Report Available From EDS

The first of a series of progress reports on the International Decade of Ocean Exploration has been published by the Environmental Data Service. IDOE is a long-term international, cooperative program to enhance utilization of the ocean and its resources for the benefit of mankind. The report, prepared by EDS for the National Science Foundation's Office for the IDOE, provides the scientific community and other interested parties with information, data inventories, and lists of scientific reports pertinent to IDOE.

EDS either has the data, information, or papers described in the report in one of its center archives or knows where the data may be obtained. Queries for data or copies of the report may be addressed to the National Oceanographic Data Center, NOAA, Rockville, Md. 20852.

## RAINIER Completes Survey off California

The NOAA Ship RAINIER has completed a two-month oceanographic survey of 1,200 square nautical miles of sea off southern California. The project, carried out in the waters around San Clemente Island, was part of a long-range program, now in its seventh year, to update information on the location and extent of underwater features along the entire west coast. The RAINIER, commanded by Captain G. E. Haraden, has a complement of 71 officers and crew. It is based at the Pacific Marine Center in Seattle, Wash.

# notes about people

**Commander Richard H. Allbritton**, who was formerly Executive Officer of the



**DISCOVERER**, has been assigned to the Office of Oceanography in the National Weather Service. He will assist in the preparation, review, and implementation of plans for programs and projects requiring marine environmental services. His principal task will be in the area of marine environmental prediction techniques.

**Dr. Brian J. Rothschild**, Director, NMFS Southwest Fisheries Center, La Jolla, Calif., was a member of the Fourth Session of the Panel of Experts on the Population Dynamics of Peruvian Anchovy which met in Lima, Peru. Dr. Rothschild also served as a member of the Expert Panel on the Economic Effects of Alternative Regulatory Measures in the Peruvian Anchoveta Fishery.

The work of these Panels assumed special importance this year because of the effects of "El Nino," a warm equatorial current which displaced the prevailing colder Humboldt current in the area of the fishery, causing a precipitous decline in the catch of anchoveta and forcing the Peruvian government to ban all fishing in June 1972. Anchoveta fishing resumed in Peru on a limited basis in March.

**Donald R. Wiesnet**, Senior Research Hydrologist, Environmental Sciences Group of the National Environmental Satellite Service, was the guest lecturer at the annual banquet of the Syracuse University Chapter of Sigma Xi, the National Science Fraternity at Syracuse, N.Y. He spoke on the contribution satellites are making in many fields of science. Past, present, and future NESS satellite systems were briefly presented. Emphasis was on the applications of the Very High Resolution Radiometer.

**Otto Whitfield** (left), Fisheries Enforcement Agent stationed at the National Marine Fisheries Service Alaska Regional Office in Juneau, Alaska, has graduated from the Federal Criminal Investigation School, after

a 6 1/2-week course in Washington, D.C. **Dr. Robert F. Hutton**, Associate Director for Resource Management, NMFS, (right) presented his diploma.



## Lawrence C. Pierce Receives Commerce Bronze Medal

Lawrence C. Pierce, Weather Service Specialist at the Weather Service Office in Harrisburg, Pa., has received a Department of Commerce Bronze Medal "in recognition of extremely competent performance of official duties in the National Weather Service for more than three decades."



Mr. Pierce (right) received his medal from Meteorologist in Charge of WSO Harrisburg, Clifford Goodall.

## Industry Leaders To Participate In Seattle Ocean Conference

Leaders in American industry with a stake in oceanography will play a key role in the July 17-19 conference in Seattle, Wash., on "The Oceans and National Economic Development."

Both large and small concerns and trade associations involved in a wide variety of ocean-related activities, including petroleum, mining, fishing, shipping, recreation, and construction will join leaders in government, labor, the education community, and environmental groups in assessing how the U.S. can realize the full potential of the ocean to meet national economic needs in an environmentally sound manner during the remainder of the 20th century.

Petroleum corporation representatives will include Thomas Barrow, Senior Vice President, EXXON; Dayton Clewell, Senior Vice President, Mobil Oil Corp.; Dr. James S. Cross, Sun Oil Co.; and Ronald L. Geer, Shell Oil Co.

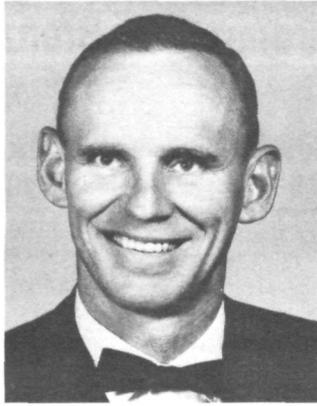
Representing the shipping and fishing industries will be James Reynolds, President, American Institute of Merchant Shipping (and his labor counterpart, O. William Moody, Administrator, AFL-CIO Maritime Trades Department); Frank Holas, President, Booth Fish Co., Chicago; Harold Lokken, manager, Fishing Vessel Owners Association, Seattle; and Richard Stroud, Executive Vice President, Sport Fishing Institute, Washington, D. C.

Others scheduled to participate include M. A. Dubs, Director, Ocean Resources, Kennecott Copper Corp.; Raymond Kaufman, Vice President, Deepsea Ventures, Gloucester Point, Va.; and Howard F. Larson, Vice President, Outboard Marine Corp., Milwaukee, Wis.

# Roedel Is Named Special Assistant for Marine Recreation Programs



Mr. Roedel



Mr. Schoning

Philip M. Roedel, Director of the National Marine Fisheries Service, has been appointed to the newly established post of Special Assistant for Marine Recreation Programs. Dr. Robert M. White, NOAA Administrator, said that the new post will coordinate NOAA's varied programs in support of the Nation's growing recreational activities. He said Mr. Roedel will have responsibilities across the entire agency and will report directly to the Associate Administrator for Marine Resources.

"Marine recreational activities such as sport fishing and boating now constitute or generate a very large fraction of the economic activity associated with the marine environment. More importantly, such activities increasingly represent a means for full enjoyment of our environment on the part of millions of our citizens. The new post is established in recognition of the growing importance of marine recreation and the need to bring NOAA's diverse efforts in this field into sharper focus," said Dr. White.

NOAA's diversified services presently range from research on marine sports fishing, the provision of maps and charts, fore-

## NGS Project Underway in Georgia and Florida

A six-man National Geodetic Survey field party headed by James Corbett has begun a three-month, 160-mile survey of land elevations between Columbus, Ga., and Tallahassee, Fla.

The work, part of a lengthy program to update the national network of elevations, will involve establishment of elevations of over 180 sites along the two-state route. Survey data will be used by engineers and surveyors for mapping and engineering projects.

The survey will extend from Columbus through the Georgia communities of Richland, Kimbrough, Cuthbert, Edison, Arlington, Colquitt and Bainbridge and, in Florida, Havana, Lake Jackson and Tallahassee. The survey in Georgia is being done in cooperation with the state.

casts of environmental conditions, and marine advisory and data services.

"Not only must we insure the safety and welfare of our citizens engaged in marine recreation and provide them with data and information which will enable them to fully enjoy the oceans and the Great Lakes, but we must also provide the services required by those who serve our citizens in their enjoyment of the marine environment," Dr. White added.

The establishment of the new position is intended to provide a focus within NOAA for those interested in marine recreational activities. It is expected that through this new office, NOAA can be more responsive to the needs of those to whom the seas and the Great Lakes are a source of enjoyment.

Pending the appointment of a new Director of the National Marine Fisheries Service, Robert Schoning, Deputy Director, will be responsible for the activities of the Fisheries Service.

Mr. Roedel has served as Director of NMFS since its establishment as a major NOAA agency in October 1970. In January of that year he became director of the NMFS predecessor, the Bureau of Commercial Fisheries. In that post he had the responsibility for integrating sports fishing programs that came from the Bureau of Sport Fisheries and Wildlife with the traditional Bureau of Commercial Fisheries programs.

From 1936 to 1954 he served the California Department of Fish and Game as a marine biologist, becoming directly associated with recreational problems as a regional manager in 1954, and becoming manager of its marine resources operation in 1957.

He is a member of numerous learned societies, the author of 80 or more scientific and semipopular papers, and has served as U.S. representative to many international bodies.

## Long Island's South Shore Being Surveyed

A seven-month hydrographic investigation of numerous navigational hazards, including sunken wrecks and other submerged obstructions, is underway off Long Island's south shore between Seaford and Mastic Beach, L.I. It is part of a three-year project to update nautical charts of Long Island's intracoastal waterway between Rockaway Inlet and Southampton.

A six-man National Ocean Survey hydrographic field party, headed by Lieutenant Richard K. Muller, is conducting the work.

Numerous landmarks and underwater hazards in the inlets, creeks and channels of South Oyster Bay and Great South Bay are included in the investigation.

Items to be investigated were reported to the NOS Marine Chart Division in Rockville, Md., by government and private sources and through the cooperative charting programs of the U. S. Power Squadrons and the U. S. Coast Guard Auxiliaries.

Items to be considered for publication in NOAA WEEK should be submitted to:  
Office of Public Affairs, NOAA, Room 221, Bldg. 5, Rockville, Md. 20852. Phone (301) 496-8243.

# **National Oceanic and Atmospheric Administration**

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