A UNITED STATES DEPARTMENT OF COMMERCE PUBLICATION

NOAA WEEK

July 14, 1972
Volume 3
Number 28

U.S. DEPARTMENT OF COMMERCE National Oceanic and Atmospheric Administration

NESS To Inaugurate Field Services Structure

The National Environmental Satellite Service has selected the individuals to fill the top positions in the NESS Field Services Division and the Satellite Field Services Stations to be established in Suitland, Md., Miami, Fla., Kansas City, Mo., and San Francisco, Calif. These units will be responsible for the receipt, application and regional distribution of data and information received from the Geostationary Operational Environmental Satellite (GOES) and, unique at the San Francisco station, the data from the ITOS Very High Resolution Radiometer (VHRR).

W. John Hussey who has been a member of the NESS Satellite Operations Control Center since 1966, will head the Field Services Division located in the NESS office of Operations at Suitland. During the past two years, he has served as the Spacecraft Utilization Manager for SOCC, which involved being the coordinator with

(Continued on page 6)

Florida City, County Praise NWS For Hurricane Agnes Information

The City Commission of the City of Apalachicola, Fla., and the Board of County Commissioners of Franklin County, Fla., have praised the National Weather Service for the timeliness and accuracy of information provided prior to and during Hurricane Agnes.

Following is part of a resolution passed unanimously by the City Commission of the City of Apalachicola, when it met in a special session after the hurricane to assess effectiveness of preparations and plans carried out by the agencies of the city:

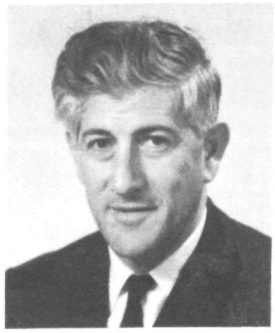
"...NOW, BE IT RESOLVED that the City Commissioners of the City of Apalachicola hereby express the appreciation and gratitude of the people of the City of Apalachicola to the National Weather Service at Apalachicola

- for the extremely accurate prediction of probable landfall of Hurricane Agnes on Monday, June 19, 1972
- for the early and accurate assessment

(Continued on page 6)

Captain L.S. Baker Heads National Geodetic Survey

Captain Leonard S. Baker, formerly Chief of the Geodesy Division and Deputy Director of the National Geodetic Survey, has been appointed Director of the National Geodetic Survey. The NGS is a component of the National Ocean Survey. Captain Baker will supervise approximately 350 personnel in Rockville, Kansas City, Mo., Corbin, Va., Gaithersburg, Md., Ukiah, Calif., and Anchorage, Alaska, and field parties conducting geodetic surveys throughout the United States.



He joined the NOAA commissioned corps in 1947, and subsequently served in various capacities aboard eight of the agency's ships and as chief of photogrammetric, geomagnetic and geodetic field parties. He received a Commerce Bronze Medal in 1966.

Captain Baker received a civil engineering degree from Mississippi State University in 1943, and was a lieutenant in the Marine Corps during World War II.

Centralized Management Is Begun Of Fleet's Major Class Ships

With the beginning of the new fiscal year July 1, the Office of Fleet Operations in the National Ocean Survey assumed responsibility for the operation and maintenance of four ships previously managed by the National Marine Fisheries Service. This is the first phase of centralized management of major class ships of the NOAA Fleet. The four ships transferred were the MILLER FREEMAN, GEORGE B. KELEZ, OREGON and JOHN N. COBB.

During the next year or so, nine additional NMFS ships will be phased into the NOAA fleet centralization management concept. These will be the ALBATROSS IV, DELAWARE II, OREGON II, GEORGE M. BOWERS, PRIBILOF, DAVID STARR JORDAN, TOWNSEND CROMWELL, CHARLES GILBERT AND MURRE II.

When the program is completed, the 13

(Continued on page 6)

H.M. Gibson Is MIC at New York And C.E. Goodall at Harrisburg

Harold M. Gibson, who has been Meteorologist in Charge at Des Moines, Iowa, since 1970, officially took over as MIC at the Weather Service Forecast Office in New York, N.Y., on July 10. He entered the Weather Service in 1959 at Kansas City, and subsequently served in Anchorage, Alaska; Salt Lake City, Utah; and Anchorage again before going to Des Moines. He served in the USAF from 1945-1953, and was a Research Meteorologist with the Illinois State Water Survey from 1955-58 and a Meteorologist for TWA for a short time. He attended the University of Illinois, graduated magna cum laude from Parks College of St. Louis University, and in 1966-67 attended Pennsylvania State University on an NWS scholarship.

Clifford E. Goodall, who has been Meteorologist in Charge of the Weather Service Meteorological Observatory at Pittsburgh, Pa., since 1968, is the new Meteorologist in Charge at the Harrisburg, Pa., Weather Service Office.

He began his weather career in 1948 as an observer at Mt. Pocono, Pa., and a few months later he transferred to the Atlantic Weather Project as an Upper Air Specialist. From 1951-1959 he sailed as a Shipboard Supervisor in the AWP. He became Marine Specialist at Norfolk, Va., in 1959, and Port Supervisor, AWP, in New York City, in 1961. From 1962-1968 he was a forecaster at Wilmington, N.C. Earlier he served a year and a half in the U.S. Air Force's Air Weather Service. He received his meteorological training at Pennsylvania State University, University of Oklahoma, Wilmington College and the University of Miami.

State Tax Withholding for Virginia Changes

Employees who are subject to state tax withholding for the State of Virginia will notice a slight change in their state tax for salary checks dated on or after July 19, 1972. In addition, please take note of the following excerpt taken from "Employer Income Tax Withholding Instructions" recently published by the State of Virginia.

"The Virginia General Assembly amended the income tax law to substantially conform to the Federal income tax law. The new law allows $600.00 for each personal exemption and each dependent, rather than the amounts previously allowed. Because of the change each employee must execute a new Virginia Employee's Withholding Exemption Certificate, Form VA--4 (Rev. 1/1/72)."

Earthquake Instrument Array In Bay Area Is Completed

Culminating six years of cooperative effort between NOAA and interested organizations in the San Francisco Bay area, an array of instruments designed to provide uniquely useful data on earthquakes and their effects in the San Francisco Bay area has been completed. Developed by geophysicists in the Seismological Field Survey of the Environmental Research Laboratories' Earth Sciences Laboratories, the new array is among the most comprehensive strong-motion recording systems now in use.

The APEEL--from Andreas-Peninsula Earthquake Engineering Laboratory--array is positioned along a 20-mile line running roughly northeastward some 20 miles south of San Francisco. The array crosses the San Andreas Fault, San Francisco Bay, and the Hayward Fault. Strong-motion accelerographs are installed at 15 locations along the line, interspersed with other seismic instruments--seismographs and seismoscopes--to record data from any future damaging earthquakes in the area.

The APEEL array data are expected to be more useful than other strong-motion data because the instruments were positioned with an eye to investigating the influence of various geological provinces on earthquake motions.

APEEL data should tell scientists much about the relative motion experienced by structures on bedrock, alluvium, bay mud, and hillside building sites, attenuation of motion near the faults, and variations of motion on opposite sides of the faults.

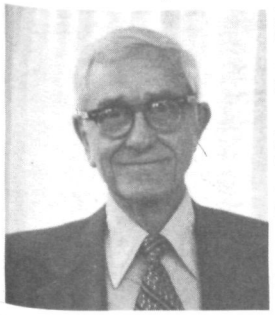
Besides the contribution of instrument sites and engineering data from state and local government and private firms, the array supplements an initial eight-instrument spread installed in cooperation with the U.S. Geological Survey and complements additional investigations of related problems by the USGS and NOAA.

J.F.O'Neil Is Appointed Deputy Director Of NOS Executive, Technical Services Staff

James F. O'Neil has been appointed Deputy Director of the National Ocean Survey's Executive and Technical Services Staff. He will serve also as Acting Chief of the Staff's Plans and Programs Division. A general physical scientist, Mr. O'Neil has been with the NOS and its predecessor, the Coast and Geodetic Survey, since 1966, serving in the Office of Seismology and Geomagnetism. Prior to that, he was employed at the Army's Springfield (Mass.) Armory. He is a graduate of American International College and Boston University.

Lilburn R. Seamon Retires, Receives Bronze Medal

Lilburn R. Seamon, meteorologist in the Environmental Data Service's Office of Data Information, retired on May 31, after 34 years of Federal service. On this occasion, he received a Department of Commerce Bronze Medal "for extremely competent performance of official duties and conscientious service to users of climatic information for a long period of time."



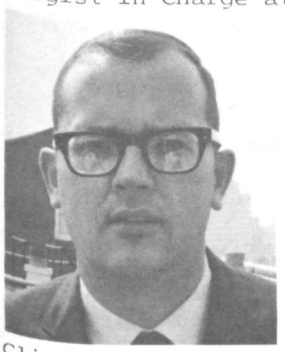
He joined the Weather Bureau in 1937 following service in the Army as a weather observer and a flying cadet. In 1942, he became a junior meteorologist, and in 1944, a professional meteorologist. Before his retirement he served as the meteorologist for on-the-spot answers to questions concerning the climate of the U.S.

Fern B. Reid Receives Bronze Medal

Fern B. Reid, who has been secretary to the weather forecasters at the Salt Lake City, Utah, International Airport for the past eight years, has received a Commerce Department Bronze Medal. She was cited for her contributions to the operations of the Salt Lake City Forecast Office, which has received many commendations for the cooperative manner she handles the many requests for special climatic weather data by the general public.

Marvin E. Miller Is MIC at Wilmington, N.C.

Marvin E. Miller, who has been Meteorologist in Charge at the Columbus, Ohio, Weather Service Office the past year, is now Meteorologist in Charge at the Wilmington, N.C., Weather Service Office.



In his 12 years with the Weather Service he has served at Indianapolis, Ind.; in Cincinnati, Ohio, at the Weather Bureau Air Resources Laboratory, first as a Forecaster and later as Chief Forecaster in the National Air Pollution Potential Forecast Program there; and from 1966 to 1971 as Climatologist for Ohio. His Air Force service from 1956 to 1960 included being a Weather Reconnaissance Meteorologist with the Pacific Typhoon Hunters.

A graduate of Bowling Green (Ky.) State University, he studied meteorology at Texas A&M, and received his master's degree from the University of Michigan.

ERL's Dr. Ochs Uses North Star In Measuring High-Altitude Winds

Gerard R. Ochs of the Environmental Research Laboratories' Wave Propagation Laboratory, Boulder, Colo., is using the North Star to help measure high-altitude winds from the ground.

By sighting on the star with a simple, hand-made array of four small telescopes, the scientist can time the flow of turbulent patterns in the jet stream as they move from one telescope to the next.

He says use of the North Star is more of a convenience than a necessity. Any star may be used. But tracking Polaris is easy because it is the only celestial object that appears nearly stationary from earth.

In a report presented at the recent spring meeting of the U.S. National Committee of the International Union of Radio Science in Washington, D.C., Mr. Ochs said the wind velocity and direction measurements compare well with those using instrumented meteorological balloons. An advantage of his passive remote sensing technique is that it can observe high-altitude winds continuously on clear nights and intermittently on partly cloudy nights.

The telescope array is set up in a small astronomical dome on Table Mountain, a flat-topped rise about 10 miles north of Boulder. The observing system consists of the four two-inch telescopes, whose objective lenses were taken from two pairs of binoculars bought at a local discount mart for $35, and a servo mechanism to keep the array lined up with the wind direction.

Stars are so far away from earth that, although they emit light radiation in all directions, the faint rays that reach us are essentially parallel, travelling in one direction only. This is one of the necessary conditions for the remote wind-sensing system, enabling Mr. Ochs to determine the altitude of the wind he is measuring.

Rather than moving along in a perfectly smooth flow, winds generally contain irregularities, turbulent patterns, within the main current. The irregularities can be detected optically since they refract light slightly differently than the air around them. While the irregularities are of many sizes, Mr. Ochs has adjusted his telescope apertures to "filter out" all except two-inch-diameter patterns from 30,000-40,000-foot altitudes.

While the system is not workable in daylight, Mr. Ochs says, it might be used as a night-time supplement to the national meteorological network.

Eugene A. Majewski Dies

Eugene A. Majewski, Weather Service Specialist at South Bend, Ind., died on July 3. He is survived by his wife, Jane, of 54955 North Charles Street, South Bend, Ind. 46628, and a daughter.

Dr. Mary D. Hodge Receives Medal, Begins One-Year Trial Retirement

Dr. Mary D. Hodge, a member of the Design Analysis Group of the Systems Development Office's Equipment Development Laboratory, National Weather Service, is shown receiving a Department of Commerce Bronze Medal from Frank W. Burnett, NWS Deputy Director. Dr. Hodge was honored for her role in developing several generations of radiosondes.

She has begun a one-year trial retirement, after 40 years' Federal service, but will work part-time on the SDO's NEXAIR program at the Test and Evaluation Laboratory in Sterling, Va.

She first served the Weather Service as a volunteer weather observer while she was a physics student at the University of Mississippi, from which she later earned both her bachelor's and master's degrees. She began her formal career with the Weather Service in 1942 as a weather observer at New Orleans, La. Later she worked in Washington, D.C., and on special projects at the University of Chicago. In 1963 she became Chief of the Weather Service's Atmosphere Section of the Physical Science Laboratory.

She received her doctorate in physics and astronomy from the University of North Carolina.

NOAA Co-Sponsors Nature Study Program Conducted Aboard Ferries in Alaska

A 175-page field guide to whales, dolphins, and porpoises, prepared by NOAA scientists in cooperation with the Naval Undersea Research and Development Center, has become part of a summer program now underway off Southeast Alaska. The manual was designed to assist laymen in identifying cetaceans they may see, in this instance, in the eastern North Pacific during travel aboard ferries operated by the Alaska State Ferry System. The nature-study program is sponsored jointly by NOAA's "Platforms of Opportunity" program (directed by the Marine Mammal Division of the NMFS Northwest Fisheries Center, Seattle) and the Interior Department's Forest Service.

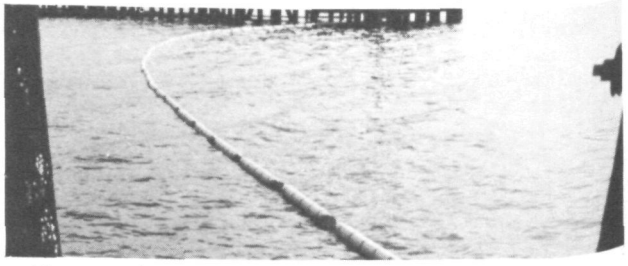
Passengers on one- to five-day trips on the ferries throughout the summer are accompanied by naturalists from the Forest Service, who act as tour guides to the flora and fauna of the region. They use the whale reference book, as well as a slide show, to help explain ocean mammal biology to the tourists. Ferry passengers also participate in "Whale Watches" after they have been told what to look for and how to record observed characteristics and counts of animals sighted. Volunteer helpers receive a special certificate for their assistance and a copy of a brochure that describes NOAA's Marine Mammal program.

C.D. Jensen, G.F. Trapp Named MICs At San Diego and Corpus Christi

Claire D. Jensen, who has been Supervising Aviation Forecaster at the San Francisco Weather Service Forecast Office since 1969, has been named Meteorologist in Charge of the Weather Service Office in San Diego, Calif. He served previously in Alaska as an observer and aviation forecaster, and in San Francisco as an Aviation Quality Control Officer. In 1967, he was detailed for three months as a consultant at Headquarters, International Civil Aviation Organization, Montreal, Quebec. A graduate of Florida State University, he served in the Navy from 1946 to 1948.

Glenn H. Trapp, former Meteorologist in Charge of the Rochester, Minn., Weather Service Office, is the new Meteorologist in Charge at Corpus Christi, Tex. He entered the weather service in 1958 following four years of duty in the U.S. Air Force as weather observer and forecaster, and subsequently served in Lansing and Detroit, Mich. He is a graduate of the University of Michigan and was awarded a Weather Service scholarship in 1970 for advanced studies in meteorology.

Portable Boom Surrounds PMC Complex; Will Contain Oil From Accidental Spills



The environmental effect of oil spills is gaining more and more attention. Accidental oil spills are always a possibility in ship operations and at pier facilities.

Pacific Marine Center has installed a portable oil boom to contain the spread of oil resulting from an accidental spill. The boom consists of 1250 feet of circular foam float 4 inches in diameter with an attached suspended skirt. It is stored at three strategic locations on platforms constructed at water level at the ends of the main piers, and also on a float adjacent to the small boat piers. When deployed, the boom surrounds the entire PMC complex.

The boom is shown here in place between the two main ship piers.

Fourth Weather Radar Class Is Held at NWS Training Center

Members of the Fourth Weather Radar Class, held from June 13-29 at the National Weather Service Technical Training Center in Kansas City, Mo., are shown above. They are (front row, from left): John Koch, Auburn, Wasn.; Newton Greenwood, Pittsburgh, Pa.; Robert Preston, Huron, S. Dak.; Ogden Usher,Jr., Bristol, Tenn.; Mary Earley, Chatham,Mass.; and Leland Vandecar, Detroit, Mich.

(Back row, from left): Mike Weinrich, Instructor; Don Whitman, Instructor; Louis Mandryk, Garden City,Kans.;Jack Woods,Fort Worth, Tex.; Jim Wantz, Instructor; Bill Winkert, Instructor; Bill Martin, Des Moines, Iowa; Jerome Codington, Midland, Tex.; Maurice Ward, Palmdale, Calif.; and Larry Burns, Instructor.

W.W. Shinners Retires, Receives Bronze Medal

Willard W. Shinners, Research Meteorologist at the Sea-Air Interaction Laboratory of the Environmental Research Laboratories' Atlantic Oceanographic and Meteorological Laboratories in Miami, Fla., has received a Department of Commerce Bronze Medal for "outstanding development of instruments used in weather data gathering and weather prediction."

The medal was presented on the occasion of his retirement after eight years of service to the Laboratory, and 32 years to the National Weather Service.

Portugese Meteorological Service Director Is Briefed on GATE by Dr. Richard Hallgren

Dr. Richard E. Hallgren, Associate Administrator for Environmental Monitoring and Prediction (left), is shown as he recently briefed A. Silva de Sousa, Director of the National Meteorological Service of Portugal, on the GARP Atlantic Tropical Experiment (GATE). Since Portugal is considering providing a ship to GATE, the presentation centered on all the ships' systems that are being developed.

C.J. Champion and R. G. James Named OICs

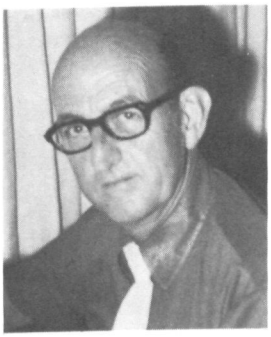
Clifton, J. Champion, Jr.,former Weather Service Specialist in the Weather Service Office at Santa Maria, Calif., is the new Official in Charge at the Greensboro, N.C.,Weather Service Office.

He served briefly as a weather observer in Mobile, Ala., in 1945, and resigned to attend St. Louis University. He returned as a meteorological aide at Hatteras, N.C., then transferred to Greensboro.

He subsequently served at Wake Island and Carolina Islands in the Pacific;Fairbanks, Nome, and Anchorage, Alaska; Salem, N.C.;and Columbia, S.C. In 1962 he became an aerospace and radar observation specialist at Kwajalein and later Technician in Charge at Santa Catalina Island.

He received his meteorological training at St. Louis University, University of Miami, and Pennsylvania State University.

Robert G. James, Principal Assistant at the Weather Service Office in Victoria, Tex., has been named Official in Charge of that office. His more than 25 years of experience in weather work began at El Paso, Tex., and he later served at San Antonio, Abilene, and Wichita Falls,Tex. He also served two tours of duty in charge of the weather station on Swan Island.



William P. Hayes Is Appointed MIC of Rochester, N.Y., WSO

William P. Hayes, who has been Meteorologist in Charge at the Weather Service Forecast Office in Albany, N. Y., since 1969, has assumed his new duties as MIC at the Rochester, N.Y., WSO.

He entered the Weather Service in 1948 as a Meteorological Aide at the WSO in Syracuse, N.Y., and served there until going to Albany.

He received meteorological training and weather forecasting experience while in the U.S. Army Air Corps from 1942-1945.

He attended State Teachers College in Oswego, N.Y., and has studied at the Storm Research Institute at St. Thomas University in Houston, Tex.

NGS Conducts Workshops for Surveyors

The National Geodetic Survey conducted workshops last month at the University of New Mexico in Albuquerque and the University of California in Berkeley for the benefit of local surveyors. The purpose of the workshops is to demonstrate the instrumentation, observing procedures, and data processing methods employed by NGS field personnel.

The workshops are part of a series of such events being conducted by NGS personnel. Others have been given at St. Petersburg, Fla., and Madison, Wisc.

NGS participants included Carl F. Kelley, Floyd Stuart, Charles Novak, Raymond Tomlinson, George Lesley, Kenneth Barber, Larry Wakefield, Joseph F. Dracup, Stephen Luckey, and Leo Critchlow.

NESS Field Services (Continued from page 1)

NASA in the day-to-day picture programming of NASA's Applications Technology Satellites (ATS) 1 and 3 for NOAA use, and planning for the operation and control of GOES.

Ross LaPorte, who is serving currently as the Acting Meteorologist in Charge of the Weather Service Office in San Diego, Calif., will be the Station Manager of the Satellite Field Service Station at Suitland.

Donald A. Gaby, who has been a leader in the use of satellite data at the National Hurricane Center in Miami for the past several years, will have to change little more than the title on his office door when he assumes his new position as Station Manager of the Miami SFSS.

Edward W. Ferguson, who for the past nine years has been with the Applications Group of the NESS where he has played a key role in developing many of the techniques for using satellite data, will be Station Manager of the SFSS in Kansas City.

Jack D. Bottoms, who has been specializing in marine forecasting at the San Francisco Weather Service Forecast Office, will be Station Manager at the San Francisco SFSS.

James R. Spillers Is Named OIC At Greenville-Spartanburg WSO

James R. Spillers, a Weather Service Specialist at Toledo, Ohio, since 1965, is now Official in Charge at the Greenville-Spartanburg, S.C., Weather Service Office.

He entered the Weather Service in 1962 at Atlantic City, N.J., and later served in Greenville, S.C., and Greensboro, N.C., before going to Toledo. He previously served in the U.S. Air Force for ten years, during which he received meteorological training and experience in weather forecasting.

He graduated from Georgia Southwestern Junior College in 1951.

Ship Management (Continued from page 1)

NMFS and 14 National Ocean Survey-operated major class vessels will have been brought under management of the Office of Fleet Operations, headed by Rear Admiral Eugene Taylor. Five smaller craft of the NOAA Fleet--the CHALLENGER, RORQUAL and CRIPPLE CREEK of NMFS, the SHENEHON of the Lake Survey Center and the VIRGINIA KEY of the Atlantic Oceanographic and Meteorological Laboratories--will continue under the operational and administrative control of their program managers.

Numerous other minor class ships and smaller craft will also continue to be operated at various NOAA facilities, largely under NMFS.

NWS Praised (Continued from page 1)

of probable areas to be endangered by rising waters

o for consistent and timely recommendations for occupants of structures in low-lying areas to obtain shelter

o for continuous service in providing full data to telephone callers when commercial broadcast media were unavailable and telephone service remained to the residents of the immediate area

o for the straightforward, unequivocal and uninterrupted reporting of information derived from electronic data and exercise of personal training and experience which was invaluable to decisions as to public and personal safety, and

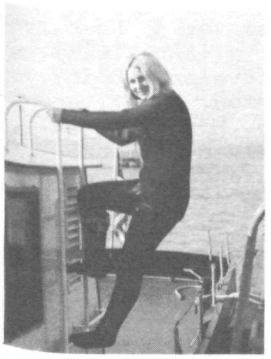
o for the personal dedication of the staff of the Apalachicola facility to the service of the public."

The Board of County Commissioners of Franklin County also passed a resolution, which stated in part that "...this county was given ample warning and continual advisement by the National Weather Bureau for proper protection for the citizens within this county, and...this Board has nothing but outstanding praise for these dedicated gentlemen."

notes about people...

Dr. Harris B. Stewart, Jr., Director of the Atlantic Oceanographic and Meteorological Laboratories, has been reappointed by the Trustees of Princeton University to the Advisory Council of the Department of Geological and Geophysical Sciences for a three-year term.

This summer, as she has for the past three summers, Paulette Love, a draftswoman and scuba diver, is working in the Lake Survey Center Revisory field team's office trailer where collected information is fed for compiling on work sheets to be used later in updating the Center's Great Lakes nautical charts. Also, occasionally she will be called to work as a scuba diver checking Lake Survey's water level gage installations. The Revisory team will cover over 60 harbors in Lake Huron, the St. Mary's River, Lake Superior, the Rainy Lake and the Lake of the Woods areas before the team returns to Detroit in late November.



For three years following her graduation from high school, Miss Love worked in the Center's offices improving her drafting abilities and, as an off-duty hobby, her talents as a scuba diver. In 1967, she became a qualified Lake Survey scuba diver, and after passing the required civil service tests--which include knowledge of boat operation procedures, surveying and charting--she applied for her present job in the Revisory Section. When summer 1969 arrived, she became the first woman surveyor in the Center's history.

Lieutenant John T. Atwell has become the first person in NOAA to qualify as a submersible pilot. He has qualified to operate the Johnson-Sea-Link, a three-man undersea craft of the Smithsonian Institution used for collecting biological and marine geological samples. The 23-foot, 18,000-pound vehicle, based at Fort Pierce, Fla., can explore the ocean at depths of 1,000 feet or more and stay underwater for 48 hours. Divers can enter and exit from the craft while it is submerged.

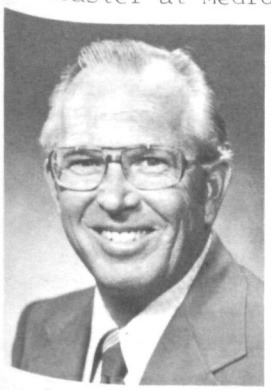
Lt. Atwell, an oceanographer who was assigned to the Smithsonian's submersible program in August 1971, expects to remain at Fort Pierce for another 12 to 18 months.

Rear Admiral J. Edward Snyder, Jr., who was previously assigned as Commander Training Command, U.S. Atlantic Fleet, with additional duty as Commander Fleet Training Group, Norfolk, Va., is the new Oceanographer of the Navy. Chief of Naval Research Admiral Carl O. Holmquist, who had been assigned additional duty as Oceanographer of the Navy in February 1972, will continue as Chief of Naval Research.

Ms. Barbara Palko, fisheries biologist with the Miami Laboratory of the Southeast Fisheries Center, is shown here gathering plankton for food for larval fish, one of the activities she demonstrated for girl scouts at a "Tropical Sea Jamboree" near Key West, Fla., recently. She identified plants and animals the girls saw while snorkeling, and gave instruction in fisheries biology and aquariums, and included some plankton work.

James K. Tyrrell Named MIC at Medford, Oreg.

James K. Tyrrell, Leading Fire-Weather Forecaster at Medford, Oreg., for the past ten years, is the new Meteorologist in Charge at Salem, Oreg. He entered the NWS at Sheridan, Wyo., in 1951, and served subsequently at Alamosa, Colo.; Washington, D.C.; Lander, Wyo.; and Kansas City, Mo. He is a graduate of Southern Oregon College, and was in the U.S. Navy during World War II.



Charles B. Campbell Retires

Charles B. Campbell, the Lake Survey Center's Executive Assistant and budget expert, has retired after over 36 years of Federal service, most of it with the LSC. He started at the Center in 1935 as an Assistant Pressman, switched to the accounting field, and in 1943 became Accountant and Chief of the Cost Section. He became Executive Assistant in 1952.

He and his wife reside at 16300 West Nine Mile Road, Southfield, Michigan.

Retirements of NOAA Personnel Are Announced

Virginia S. Hocking

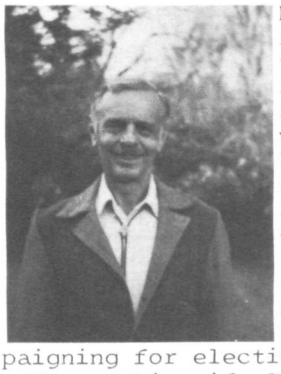
Virginia S. Hocking, coding clerk in the Data Verification Branch at the Environmental Data Service's National Climatic Center, has retired after 17 years of Federal service. She is shown here with William M. McMurray, Chief of the Applied Climatology Division.

Her service prior to going to NCC in 1955 included employment with the Postal Accounts Office in Asheville.

She and her husband reside at 85 Louisiana Avenue in Asheville.

Herbert F. Huennekens

Herbert F. Huennekens, Meteorologist at the Weather Service Office in Billings, Mont., has retired after 36 years' service. He transferred to Billings in 1940 from the Chicago airport station. He was assigned earlier at Madison, Wisc., and East Liverpool, Ohio. He was in the Army Air Corps during World War II.



Mr. Huennekens has announced his candidacy for the Montana legislature, and will be campaigning for election in November.

He and his wife live at 3216 Rimrock Blvd., Billings, Mont. 59102.

Sam W.Smith and Benjamin W.O'Neal

Retirement festivities honoring Sam W. Smith, Chief Steward on the NOAA Ship FERREL, and Benjamin W. O'Neal, the ship's Chief Boatswain. were held in May.

Mr. Smith Mrs. Smith Mr. O'Neal Mrs. O'Neal

Mr. Smith began his 28-year Federal career in the U.S. Marine Corps in 1926, and in 1934 he was employed by the Coast and Geodetic Survey (predecessor of NOS) as a tower builder. He returned to the Marine Corp in 1943, and in 1945 was reemployed by the C&GS as an engineering aid. In 1961 he became a steward on the MARMER, and served the rest of the time on the agency's ships.

Mr. O'Neal was employed by the National Ocean Survey and its predecessor, the Coast and Geodetic Survey, during his entire 31-year Federal career. He served aboard the agency's ships GILBERT, SOSBEE, FARIS,and MARMER, before transferring to the FERREL.

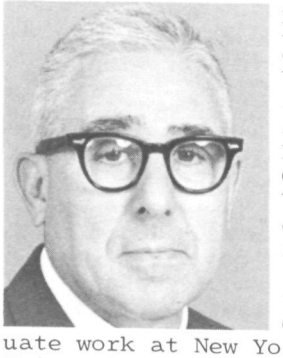
Raphael F. Kernan

Raphael F. Kernan, General Weather Forecaster at the Great Falls, Mont., Weather Service Forecast Office, has retired after 50 years of service, all of it with the Weather Service, except for several years in the Army Air Corps during World War II. (He is a Lieutenant Colonel in the Air Reserves.) He served earlier at Sioux City, Iowa;Cleveland, Ohio; Washington, D. C.; and Billings,Mont. In 1970 he received a Bronze Medal for 20 years of outstanding work in issuing warnings for severe weather in Montana.

He and his wife live at 2520 - 7th Ave. S. in Great Falls.

Sam F.D. Duke

Sam F. D. Duke, former Meteorologist in Charge at the National Weather Service Office in Wilmington, N.C., has retired after 31 years of Federal Service. He began his weather career at Knoxville, Tenn., and served at Birmingham,Ala., New York City, Atlanta, Ga., and Raleigh, N.C., before being put in charge of the Wilmington Office in 1959.



He holds a degree from the University of Tennessee and has done graduate work at New York University and the University of Miami.

He and his wife reside at 2810 Chestnut Street in Wilmington.

Margaret Anderson

Margaret Anderson, program leader and key member of the staff of the National Marine Fisheries Service Atlantic Fishery Products Technology Center in Gloucester, Mass., displays the ship's clock presented to her on her retirement after 30 years' Federal service.

She plans to install the clock in a Tahiti ketch she has been rebuilding as a hobby.

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

ERRATA NOTICE

One or more conditions of the original document may affect the quality of the image, such as:

Discolored pages
Faded or light ink
Binding intrudes into the text

This has been a co-operative project between the NOAA Central Library and the Climate Database Modernization Program, National Climate Data Center (NCDC). To view the original document, please contact the NOAA Central Library in Silver Spring, MD at (301) 713-2607 x124 or Library.Reference@noaa.gov

HOV Services
Imaging Contractor
12200 Kiln Court
Beltsville, MD 20704-1387
July 23, 2010