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### **MAC EMERSON RETIRES**

Mac A. Emerson, Director of the Weather Bureau Alaskan Region, retired Dec. 30, after more than 41 years of Federal service. Mr. Emerson's Weather Bureau career began in 1927, when he entered the Bureau as an observer at St. Paul, Minn. In less than a year, he was promoted to the position of Meteorologist in Charge. Ten years later, he transferred to Chicago where he held the position of airways inspector with headquarters at the Municipal Airport. In 1941, he was promoted to the newly created position of chief liaison officer established in connection with the organization of Weather Bureau administrative regions. In 1945, the Bureau transferred him to Alaska where he served as Assistant Regional Administrative Officer until 1958 when he took full charge of the region.

### **WHITE NAMED TO MARINE COMMISSION**

Dr. Robert M. White, ESSA Administrator, was one of 15 men named by President Johnson on Jan. 9 as members of the new Commission on Marine Science, Engineering and Resources. Chaired by Julius A. Stratton of the Ford Foundation, the Commission will develop and coordinate a long-range national program in marine science.

### **BROTZMAN WINS COMMERCE MEDAL**

Lloyd E. Brotzman, who retired Dec. 30 as Deputy Director of the Weather Bureau's Eastern Region, received a Department of Commerce Silver Medal at a dinner in his honor on Jan. 7. Dr. Werner A. Baum, ESSA Deputy Administrator, presented the award which cited Mr. Brotzman for valuable administrative contributions with particular reference to a major reorganization within the Bureau's structure.

### **NEW SEA LANES SET**

Sea lanes are being established in the approaches to New York Harbor and Delaware Bay to separate incoming and outgoing vessels, reducing the likelihood of collisions. The Coast Guard has approved the sea lanes as overprinted on C&GS Nautical Charts 1108 and 1219. Marine interests will be notified of the installation of the lanes through the Federal Register and the Local and Weekly Notices to Mariners.

### NEW OCEAN BOOKS FROM ESSA AUTHORS

Dr. Harris B. Stewart, Jr., Director of the Institute for Oceanography, is the author of a newly published book, Deep Challenge, a non-technical presentation of recent discoveries and research results in the study of the sea. The book is published by D. Van Nostrand. Another Institute for Oceanography author is Commander William D. Barbee whose book, Deep Circulation, Central North Pacific Ocean, 1961, 1962, 1963, has been published by the United States Government Printing Office. Barbee is now on leave, doing graduate work in oceanography at the University of Washington.

### DISCOVERER GETS ELECTRONIC EQUIPMENT

The USC&GSS DISCOVERER, sister ship to the USC&GSS OCEANOGRAPHER arrived Jan. 6 in Baltimore, Md., where she will spend the next six to eight weeks having electronic equipment installed. The 303 foot, 3800-ton oceanographic survey vessel was built in Jacksonville, Fla. She will be based on the east coast after she is commissioned later this year.

### NEW ANALYSIS TECHNIQUE FOR ATS PHOTOS

NESC scientists are developing methods of tracking cloud movement as shown in picture sequences taken 22,000 miles above the earth by NASA's ATS-I satellite. Preliminary study indicates that stereo comparators and other equipment can be used to determine the different motions of high and low clouds.

### ATS FACSIMILE TRANSMISSION TESTED

The weather services of Australia, Canada, Papeete Island (France) and New Zealand are participating in evaluation of weather facsimile (WEFAX) transmissions from the ATS-I satellite. WEFAX transmissions have been made on a test basis since Dec. 12. From Jan. 3 through 12, the first designated evaluation period, charts will be transmitted on a regular daily schedule.

### CO NAMED FOR SISTER SHIPS

Lt. Donald J. Florwick has been named Commanding Officer of the USC&GS Ships RUDE and HECK. The new 90-foot, 176-ton sister ships replace the WAINWRIGHT and HILGARD, which have been decommissioned. The HECK is nearing completion at Oyster Bay, N. Y.; the RUDE has been completed and turned over to the Coast Survey.

### **ESSA METHODS INCLUDED IN CSC TRAINING**

ESSA's Project Planning and Reporting System has been included in the Civil Service Commission's Planning-Programming-Budgeting (PPB) training program given to more than 400 Federal employees and 30 trainees from the City of Philadelphia. Dwight Greene, Director of the Management Information Center, discussed the system at a 3-day seminar on Information Technology, a 2-day Executive Orientation in PPB, and a 3-week seminar in Planning-Programming-Budgeting given at the University of Maryland. Newton Page, of the Management Information Center, is scheduled to give the ESSA presentation at the Civil Service Commission's 3-week PPB seminar to be held this month at the University of Virginia.

### **CHILE QUAKE STUDIED**

Dr. S. T. Algermissen, Chief of C&GS' Geophysics Research Group, and Brian Hill and Nelson Meeks of the Albuquerque Seismological Laboratory, arrived in Chile within two days of the Dec. 28 earthquake to conduct aftershock studies.

### **BUOY WEATHERS TEST**

A half-scale model of a proposed satellite-interrogated buoy, designed and built by the National Environmental Satellite Center, was moored by the C&GS in Chesapeake Bay for testing. The test to determine the adequacy of the mooring and the seakeeping characteristics of the buoy was a success in all respects. The buoy responded well in rough seas.

### **S.C. STATE CLIMATOLOGIST CHOSEN**

Holbrook Landers, a former member of Florida State University's Department of Meteorology, has been appointed South Carolina State Climatologist. His office is located in Clemson, S.C.

### **ITSA MATHEMATICIAN WINS HANDICAPPED AWARD**

Miss Catherine Candelaria, an ITSA mathematician, has been named Handicapped Coloradan of 1966 by the Governor's Committee on Employment of the Handicapped. Miss Candelaria was stricken with polio when she was 13. With the aid of a power-driven wheelchair, she attended Ft. Lewis College and was graduated with a math degree.

## WITHHOLDING STATEMENTS

W-2 (Wage and Tax Statement) forms for 1966 are scheduled for delivery to ESSA employees in early February.

## CECIL GUERN RETIRES

Cecil R. Guern, State Forecaster at Great Falls, Mont., retired Dec. 30 after 40 years of service. Mr. Guern started his Weather Bureau career in 1926 at Drexel, Nebr., when upper-air conditions were being sampled by use of kites. Later assignments included Seattle, Los Angeles, San Diego, Fort Worth, Albuquerque, and Oklahoma City.

## SERVICE AWARDS

Length of service pins have been presented to the following personnel of the C&GS Pacific Marine Center at Seattle: Rear Adm. Harold J. Seaborg, Paul M. Fisher, and Christian Fritz, 35 years. Chief Eng. Ralph E. Uhrich, Clarence E. Pedersen, and William M. Martin, 30 years. Earl H. Taft, Cornelius A.J. Pauw, Hersheal C. Boushey, and Richard N. Ceis, 25 years. Cdr. Dewey G. Rushford, Jerry Randall, Grover S. Amick, Richard D. Lynn, Arnold E. Eichelberger, Freel W. Hubbard, and Fred Ertel, 20 years.

Weather Bureau personnel eligible for service awards in January include the following: Central Region - Edmond F. Striker, South Bend, 30 years. Howard N. Chestnut, Lansing, Mich.; Union B. Webb, Lexington, Ky.; William E. Zavitz, Lexington, Ky.; William A. Joern Moline, Ill.; Clifton A. Englund, Scottsbluff, Nebr.; Marshall E. Soderberg, Grand Rapids; David R. Coulter, Kansas City; Joe M. Crites, Kansas City; James A. Bynum, Kansas City; Cecilia Addison, Kansas City; Ronald C. Gerald, International Falls, Minn.; and Robert E. Nelson, Lincoln, Nebr., 25 years. Eastern Region - Clarence A. Woollum, Washington, 30 years. Anna M. Coccaro, ERH; William E. Jackson, Baltimore; George H. Webb Jr., Cleveland; Carl M. Majeski, Elkins, W. Va.; Jennie T. Siemionko, Hartford; William D. Stanford, Norfolk; and Frank P. Lee Jr., Pittsburgh, 25 years. John F. Feeley, Buffalo; Robert F. Webster, Philadelphia; Clifford E. Goodall, Wilmington, N. C.; and Richard V. Sedlsk Youngstown, O., 20 years.

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# **National Oceanic and Atmospheric Administration**

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