



VOLUME 2 NUMBER 26

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### ESSA ANNIVERSARY CELEBRATION IS WORLDWIDE

ESSA's first anniversary July 13 will be celebrated by open house activities at over 200 ESSA facilities around the world. South of the Equator, residents of American Samoa are invited to visit ESSA's new station at Pago Pago, and all ESSA facilities in the Pacific Trust Territory are preparing for visitors. At ESSA's Alaskan stations north of the Arctic Circle, Eskimos are expected to attend anniversary open houses. Among the ESSA offices holding open house on July 13 are: Weather Bureau--many local offices; headquarters in Silver Spring, Md.; National Meteorological Center, Suitland, Md.; National Severe Storms Forecast Center, Kansas City, Mo.; and National Hurricane Center, Coral Gables, Fla. Coast and Geodetic Survey--offices at Kansas City, Norfolk, San Francisco, Anchorage, Boston, New York, Portland (Ore.), and Los Angeles; Seismological Center, Albuquerque, N. Mex.; Geomagnetic Center, Corbin, Va.; Pacific Marine Center, Seattle; USC&GSS Explorer, Norfolk; USC&GSS Whiting, Woods Hole, Mass.; USC&GSS Wainwright and Hilgard, Fairhaven, Mass. National Environmental Satellite Center, Suitland, Md. Environmental Data Service, Silver Spring, Md. Institutes for Environmental Research--Institute for Telecommunication Sciences and Aeronomy, Boulder, Colo.; Institute for Oceanography, Pacific Oceanographic Laboratory, Seattle; Institute for Atmospheric Sciences, Research Flight Facility, Miami; National Severe Storms Laboratory, Norman, Okla.; and National Hurricane Research Laboratory, Coral Gables, Fla.

### OCEANOGRAPHER GETS UNDER WAY

After the USC&GSS Oceanographer is commissioned July 13, it will prepare for an expedition to its home port in Seattle; ESSA Administrator Dr. Robert M. White has announced plans for the ship's around-the-world six-month scientific expedition. The \$9,000,000 vessel is the largest and most completely automated oceanographic research ship built in the United States. Its facilities include a television-equipped engine control room and data acquisition system, a vertical scuba diving well, and worldwide communication capabilities. Commanded by Captain Arthur L. Wardwell, the Oceanographer has a maximum range of 16,000 miles, can remain at sea for 150 days at a time, and is constructed to operate in all oceans including the polar seas.

### ALL ABOARD!

Celebrating ESSA's first anniversary, the USC&GSS Explorer will be open to the public July 13 at the Coast and Geodetic Survey Atlantic Marine Center in Norfolk, Va. The Explorer has been conducting studies of the Gulf Stream since last September.

### C&GS UNITS BEGIN SATELLITE PROGRAM

Two of the 40 stations in the Coast and Geodetic Survey satellite triangulation primary network are operational and have started work on the geodetic satellite program. They are located at Beltsville, Md., and Moses Lake, Wash. The Beltsville unit photographed the new PAGEOS satellite on its third orbit around the earth.

## **BACK TO THE CAMPUS**

The following ESSA employees have been selected for full-time university assignments during the 1966-67 academic year: Weather Bureau Western Region--Philip W. Allen and Norman C. Kennedy, ARFRO Las Vegas, Nev.; Keith L. Ewing, WBAS San Francisco; James J. Stanley RFC Sacramento, Cal.; and Donald H. Northrop, WBAS Salt Lake City, Utah. Weather Bureau Eastern Region--Edwin C. Heidelberger Jr. and Robert Krebs, WBAS J.F.K. International Airport, New York City; Francis Pooler Jr., ARFRO Cincinnati; and Silvio G. Simplicio, Eastern Region headquarters. Additional full-time university assignments will be published in the future.

## **ARMY SALUTES C&GS**

Lieutenant General William F. Cassidy, United States Army Chief of Engineers, has expressed his "sincere appreciation for the outstanding assistance rendered to the Corps of Engineers" by Coast and Geodetic Survey personnel in the Persian Gulf median line survey. He especially commends Lieutenant Commander Gerald C. Saladin, project coordinator, and Clem Arens, John T. Smith, Thomas K. Orlawski, William G. Riggs, and M. R. Cravat for their contributions in aerial photography and tidal data collection. See ESSA NEWS, volume 2, numbers 1 and 10, for additional information on this project.

## **ESSA SCIENTISTS ATTEND MOSCOW CONFERENCE**

Four Institute for Oceanography scientists presented papers at the second International Oceanographic Congress held in Moscow last month. They were Feodor Ostapoff, Acting Director of the Sea-Air Interaction Laboratory; Dr. Robert S. Dietz, Marine Geology and Geophysics Laboratory; Dr. Wyman Harrison, Director of the Land and Sea Interaction Laboratory in Norfolk, Va. (giving a paper co-authored by N. A. Pore of the Weather Bureau); and Dr. Robert Burns, Director of the Joint Oceanographic Research Group at the University of Washington. A summary of the congress by Dr. Dietz will appear in an early issue of Science.

## **ESSA OFFICIALS VISIT HAWAII**

Dr. Frederick G. Shuman, National Meteorological Center (NMC) Director, and Arthur Gustafson, meteorologist-in-charge of the Weather Bureau Airport Station at San Francisco, visited Hawaii last week to discuss numerical weather prediction, forecast service problems, Honolulu's tropical programs, etc., with WB and military forecasters. While in Hawaii, Dr. Shuman addressed the Aloha Chapter of the American Meteorological Society on new developments at NMC.

## **EXPLOITING THE OCEANS DISCUSSED**

ESSA Administrator Dr. Robert M. White made a brief address at the Marine Technology Society's second annual conference on "Exploiting the Oceans," held late last month in Washington. Acting Director of the Institute for Oceanography Dr. Harris B. Stewart headed a panel discussion on ocean policy. ESSA exhibit at the conference included a demonstration of the Coast and Geodetic Survey Odessa Buoy system with actual observations from a Potomac River-anchored buoy being recorded in the exhibit hall. After the conference, some 40 attendees took a special guided tour of the USC&GSS Oceanographer in Baltimore.

### **GULF STREAM OFF NEW ENGLAND**

Oceanographers aboard the USC&GSS Whiting report that the Gulf Stream has fluctuated in its course to within about 150 miles of the New England coast, the closest ever reported in this area. The Whiting, participating in a year-long study of the Gulf Stream, discovered that the Stream had unexpectedly swung as far north as Georges Bank, a submerged land area off the U.S. northeast coast. At this point, the Stream is about 125 miles from Nantucket Island, 140 miles from Cape Cod, and about 200 miles from Boston. Institute for Oceanography scientists have not yet reached definitive conclusions about this Gulf Stream meander.

### **INTERESTED IN CONFLICT OF INTEREST?**

Department Order No. 77 (Reprinted as Change No. 24 to the Employee Handbook), provides that a counseling service be established and that Deputy Counselors be designated to advise employees on questions of conflict of interest or other activities covered in the new regulations. In accordance with this requirement the Department of Commerce Counselor has designated Robert B. Ellert, ESSA Attorney, as Deputy Counselor. Hugh J. Dolan, attorney, will assist him. Each employee who has a question relating to the legal aspects of the regulations should contact either Dolan or Ellert in Room 909, WSC, Building 5, Rockville, Md., or phone 496-8787. Employees serviced by the ESSA Headquarters Personnel Office should direct inquiries relating to aspects of the regulations other than legal to the Employee Relations Branch. In the field such inquiries should be directed to the appropriate personnel office.

### **ESSA CONTROLS SATELLITES**

Command and control of TIROS IX and ESSA I weather satellites were transferred to the National Environmental Satellite Center's TOS (Tiros Operational Satellite) Operations Center from the National Aeronautics and Space Administration Goddard Space Flight Center on June 21. NESCC now controls these satellites as well as ESSA 2 to provide operational satellite data for worldwide use.

### **ESSAite UNFOLDS DISCOVERY**

Don Gales of the Weather Bureau's Techniques Development Laboratory (TDL) has won first prize in a Commerce Department quarterly suggestion plan contest for developing a money-saving device to fold strip charts into accordion folds. With the folded charts his TDL unit has been able to maintain excellent quality control and to extract efficiently and economically research data from the Washington, D.C., mesonet network of stations.

### **WEATHER UNITS HAVE HOT TIME**

Weather Bureau fire-weather mobile units in the Western Region were busy last month in a rash of forest fires unusual so early in the season. The Los Angeles unit, manned by George Ellis, spent five days at a Los Padres National Forest fire which spread over 92,000 acres before it was controlled. The Sacramento mobile unit, manned by Milo Radulovich, went to the Cortina Ridge fire which consumed 15,000 acres. The Fresno unit, with Roger Hegstrum, went to a fire in the Sequoia National Forest; the Phoenix unit, with Bill Sabine, went to two large fires in Arizona, and the Boise unit, with Lloyd Graybill, covered a fire in southern Idaho.

### **DIET FOR OVERWEIGHT FILES**

ESSA offices are encouraged to transfer their inactive records which are not disposable under existing records disposition schedules to appropriate Federal Records Centers for retention and servicing. Records should be transferred to Records Centers as follows: (1) Headquarters offices should follow procedures stated in the November 4, 1965, memorandum from the Acting Director of Administration, entitled "Prompt Storage of Inactive Records." (2) Field offices should contact their nearest General Services Administration Federal Records Center for instructions on transferring records to local Records Centers. (One copy of standard form 135, records transmittal and receipt, covering each local transfer should be forwarded to the Administrative Controls Branch.) Offices with special record storage problems should contact the Chief, Administrative Controls Branch, Management and Organization Division, Rockville, Md., telephone 496-8595 or IDS 146 extension 8595. Disregard records item in ESSA NEWS No. 15, April 22.

### **NESC HOSTS FOREIGN VISITORS**

Dr. H. T. Bull has left for England after spending several weeks at the National Environmental Satellite Center (NESC) as an interferometry consultant. K.R. Saha of the Tropical Institute, Poona, India, visited the NESC Office of Research to discuss tropical meteorology, and Ju-Ming Cheng of Taiwan studied APT operation and picture interpretation at NESC. Jacek Kibinski of Kracow, Poland, arrived at NESC last month for an extended study period.

### **AWARDS**

Length-of-service awards in the Weather Bureau's Central Region for July are: Morris Steinberg, WBO Denver, and Raymond A. Wilson, Fargo, N.D., 30 years. John W. Bottomley, Minneapolis; Raymond Brown Jr., Central Logistic Supply Center, Kansas City, Mo.; Charles M. Caswell, St. Louis, Mo.; Clarence J. Doetker, Detroit; Donald C. Holcomb, Springfield, Ill.; Kenneth Hunt, Fort Wayne, Ind.; and Sylvester W. Kipper, Milwaukee, 25 years. Ronald A. Drumm, Flint, Mich.; Farrell B. Johnson, Huron, S.D.; James A. Kuhn, Topeka, Kan.; and Margaret A. Rutherford, CRH, Kansas City, Mo., 20 years.

### **ESSAites CONTRIBUTE BLOOD**

ESSA employees in the Washington, D.C., area donated 662 pints of blood during FY 66 as part of the blood donor program, attaining 112 percent of their quota. ESSA's Employee Relations Branch commends this dedicated interest and support.

### **CAPT. TAYLOR ATTENDS NAVIGATION MEETING**

Captain Lorne G. Taylor, chief of the C&GS Marine Chart Division, represented ESSA at the 22nd annual conference of the Institute of Navigation last month in Cedar Rapids, Iowa. Federal, State, and private organization representatives discussed technological advances in navigational systems.

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Items to be considered for ESSA NEWS must be received by Friday for publication the following Friday. Send material to: Office of Public Information, ESSA, Room 804, Bldg. 5, WSC, Rockville, Md. Phone (301) 496-8431.

# **National Oceanic and Atmospheric Administration**

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