



VOLUME 2 NUMBER 17 MAY 6, 1966

OCEANOGRAPHER DELIVERED TO C&GS

The USC&GSS Oceanographer, the largest ship ever built in the United States for deep sea oceanographic surveys and research, was delivered to the Coast and Geodetic Survey last week. Under construction at Jacksonville, Fla., since July 1963, the 303-foot, 3800-ton ship was accepted on the Federal Government's behalf by the Maritime Administration (which designed and supervised construction) and was immediately turned over to C&GS for operation. The ship will proceed to Baltimore, Md., for installation of electronic equipment and then will remain in the Jacksonville area for about a year to conduct Atlantic deep sea research. Commanding officer is Capt. Arthur L. Wardwell, with Cdr. John R. Plaggmier as executive officer. See ESSA NEWS #7, March 4, for an earlier story.

WB DIRECTOR AT WMO

Weather Bureau Director Dr. George P. Cressman attended the third session of the World Meteorological Organization (WMO) Advisory Committee at Geneva, Switzerland, last month. The committee discussed plans for the World Weather Watch, the new global weather observing system scheduled for operation in 1968. Reports were made on the constant-altitude-level balloon project in the Southern Hemisphere, codes and data processing, and world and regional center organization. The committee prepared recommendations for the WMO Executive Committee, which will meet in Geneva at the end of May.

ESSA TIGHTENS BELT

In response to the President's request that Government agencies reduce obligations and expenditures for FY 66, the Secretary of Commerce has asked all Commerce bureaus to decrease general operating expenses. ESSA management requests that all employees restrict Government travel and avoid (fiscal) year-end procurement which often occurs when offices spend funds which otherwise would revert to the Treasury.

ITSA REPRESENTED AT IEEE MEETING

Four scientists from the Institute for Telecommunication Sciences and Aeronomy presented papers last week at the region six annual conference of the Institute of Electrical and Electronics Engineers (IEEE) in Tucson, Ariz. Speakers included Douglass D. Crombie, J. Ralph Johler, and William L. Taylor of the Ionospheric Telecommunications Laboratory, and David B. Large of the Space Disturbances Laboratory. Johler also gave a paper for Dr. James R. Wait, an ITSA senior research fellow who was in Paris speaking to the NATO Advisory Group for Aeronautical Research and Development. This week, Dr. Wait addressed graduate students at King's College in London.

NEW OBSERVER AT ADAK

Geophysicist David M. Nash has been named assistant observer at the Adak Seismological Observatory in the Aleutian Islands. The observatory is a key support for the Alaskan Seismic Sea Wave Warning System.

ESSA SCIENTIST HONORED

Dr. Syukuro Manabe, a senior scientist in the Geophysical Fluid Dynamics Laboratory, is the recipient of the 1966 Fujiwara Award given by the Japan Meteorological Society (JMS). Cited for his research on heat balance and radiative equilibrium of the earth's atmosphere, Dr. Manabe expects to attend the May 19 JMS General Assembly meeting when the award will be presented.

LIGHTNING STRIKES PINPOINTED IN STORM STUDY

 The National Severe Storms Laboratory's thunderstorm investigation program continues in the Norman, Okla., area. In addition to the aircraft phase (described in ESSA NEWS # 12 for April 8), the project includes numerous ground experiments. Four new observing stations measure electrostatic fields which permits pinpointing the precise location of a lightning flash within a 20 to 100-mile range. A 1,500 foot television tower has been equipped with wind measuring instruments at six levels. A network of 11 upper air stations, operated by the Army and Air Weather Service, launch instrumented balloons in storms to transmit data on pressure, temperature, and humidity. NSSL's Doppler radar (potentially the best instrument for measuring severe storm and tornado winds) is being moved to Chickasha, Okla., to record horizontal and vertical particle motions within storms that pass overhead. In addition, 56 closely spaced stations near Norman automatically record barometric pressure, temperature, humidity, wind speed and direction. Four hundred private citizens in the area report on hailstones.

LOG OF A LEMON

Captain Harley D. Nygren, ESSA Deputy Director of Planning and Program Evaluation, has an article in the April issue of Nautical Magazine, a British publication. Entitled "Log of a Lemon," the story describes the mid-19th century career of the U. S. Coast Survey Steamer Jefferson.

TSUNAMI WARNINGS CHANGED

ESSA (C&GS) has a new tsunami warning policy in Hawaii as the first step toward a regional tsunami alert system. Now when a tsunami is generated, it will be evaluated specifically for its potential hazard to Hawaii. The new policy is expected to reduce the duration of some warning periods during which Hawaiian coastal areas are evacuated. The previous policy was to issue tsunami warnings for all United States' Pacific coasts and islands.

GERMAN GEODESIST VISITS ESSA OFFICES

Dr. W. Lohrberg, chief geodesist of the Federal Institute for Hydrology, Germany, visited two tide stations and the Bristol remote receiver in the Weather Bureau office at LaGuardia Airport in the New York City area. He was accompanied by C&GS New York Field Office personnel.

EDS OFFICIAL SPEAKS ON DROUGHT

Wayne C. Palmer, bioclimatology project scientist for the Environmental Data Service, was guest speaker last week at a meeting of the Resource Development Economics Division, Department of Agriculture. Procedures for drought analyses and economic implications of drought were discussed.

ROCK SLIDES MAY AFFECT EARTH'S BEHAVIOR

Coast and Geodetic Survey is studying the earth's behavior during large induced rock slides in a cooperative program with the U. S. Bureau of Mines and the Kennecott Copper Corporation. With field work conducted near Ely, Nev., the program will include a study of seismological phenomena associated with faulting and man-movement of material.

MORE GOLD ON THE CUFF

Promotions in ESSA's commissioned corps have been announced by the Coast and Geodetic Survey for the following: Commander Miller J. Tonkel to Captain, chief of the C&GS New York Field Office; Lieutenant (j.g.) John D. Boon III to Lieutenant, C&GS Land and Sea Interaction Laboratory (Norfolk, Va.); Ensign Michael G. Kenny to Lieutenant (j.g.), USC&GSS Surveyor; and Ensign Gary A. Eskelin to Lieutenant (j.g.), USC&GSS Wainwright and Hilgard.

THE DOLLAR YOU SAVE IS YOUR OWN

The 1966 Savings Bond campaign, the most intensive among Federal employees since World War II, is in full swing. ESSA officials cite the 100 percent White House staff participation with the hope that as a long-range goal 90 percent of ESSA's employees will be enrolled in the payroll savings plan.

HANDICAPPED ESSAite HONORED

Secretary of Commerce John T. Connor last week presented a Department of Commerce bronze medal for outstanding Government service to an ESSA handicapped employee, Roger C. Nichols, marine supervisor for the Weather Bureau's Pacific Weather Project in San Francisco. Responsible for gathering and coordinating Pacific weather data for nearly 20 years, Nichols was cited for his exceptional resourcefulness and effective quality control of observations and equipment and for maintaining high production and performance standards.

ACCURACY HIGH IN LOW TIDE FORECASTS

B. D. Zetler of ESSA's Institute for Oceanography and R. A. Cummings, C&GS, discussed a new method for predicting shallow water tides at the American Geophysical Union meeting in Washington. In response to requests for more accurate tide predictions in the Cook Inlet at Anchorage, Alaska, the new method was devised using significant hidden tide constituents. Normal tide predictions are made from 37 constituents, while 114 are used for Anchorage.

GUESSING GAMES OUT AT POST OFFICE

Mail addressed to ESSA headquarters should be clearly spelled out: Environmental Science Services Administration, Washington Science Center, Rockville, Maryland. Abbreviations commonly used within the organization are unfamiliar to United States postal employees.



KOREAN SCIENTIST GETS C&GS BRIEFING

Captain Chul-Ung Chon, Hydrographic Office Director for the Republic of Korea, is attending a six-week orientation at the C&GS Office of Hydrography and Oceanography.

HIGH TIDES IN DEEP SEA

Preliminary examination of data from a deep sea tide gage field test indicates more than five feet of tidal amplitude in 4,200 feet of water west of Los Angeles. The gage was installed on the underwater stable platform during a service visit in early April.

COOL JOBS OPEN ON ICE ISLAND

The Weather Bureau plans to reopen the rawinsonde station on the Ice Island T-3 in the Arctic Basin. Last manned in December 1960, the island has drifted in the Arctic ice pack to a location some 350 miles NNE of Point Barrow, Alaska, an excellent position for getting upper-air and surface weather data. Since the island's ice runway begins to melt and becomes unusable after June 1, rapid work is underway to reactivate the buildings and equipment and to recruit employees for six-month duty tours. Anyone interested in joining the project should contact his personnel office immediately.

ICELANDIC TEAM VISITED

The C&GS four-man satellite triangulation party in Iceland was visited by the Director of the Icelandic Survey Department, August Bovardsson, the Director of the Icelandic Hydrographic Survey, Gunnar Bergsteinsson, and United States consul Donald Haught. Headed by Lt. George M. Cole with headquarters at Keflavik, the group is making observations of Echo II.

ESSAites ADDRESS SEMINAR

Walter A. Hahn, ESSA Director of Planning and Program Evaluation, and Dr. George S. Benton, newly appointed Director of ESSA's Institutes for Environmental Research, both addressed the Midwest Research Seminar in meteorology and oceanography at the University of Michigan this week. Bernard D. Zetler, acting Director of the Physical Oceanography Laboratory, Institute for Oceanography, will speak to the seminar on May 9.

NEW CHART CATALOG RELEASED

Coast and Geodetic Survey has announced free distribution to mariners of catalogs listing all available nautical charts of United States' Pacific coastal waters from the Mexican to Canadian borders. The catalog, which indicates chart areas and scale, also covers Hawaii, Guam, and the Samoan Islands. A catalog of navigation charts already is available for the Atlantic and Gulf Coasts, and one for Alaskan waters will be issued in late summer.

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 1021, Bldg. 5, WSC, Rockville, Md. Phone (301) 496-8193.

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