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DOUBLE LAUNCHING SCHEDULED NEXT WEEK

Two new hydrographic survey vessels--the USC&GSS FAIRWEATHER and RAINIER--will be launched on Mar. 15 at Jacksonville, Fla. Dr. J. Herbert Hollomon, Acting Under Secretary of Commerce, will be the principal speaker at the dual ceremony. Mrs. Hollomon will act as sponsor of the FAIRWEATHER, with her daughter Elizabeth as maid of honor. Mrs. Robert M. White will sponsor the RAINIER. Her matron of honor will be Mrs. John Eberly, whose husband is ESSA's Executive Officer.

SENDOFF PLANNED FOR DRS. SIMPSON

Dr. Robert M. White will be master of ceremonies at a Mar. 16 luncheon honoring Dr. Robert H. Simpson, WB Associate Director, and Dr. Joanne Simpson, chief of the Experimental Meteorology Branch, IAS. The Simpsons are leaving the Washington area to work in Miami.

SOVIETS ORBIT NEW WEATHER SATELLITE

The Soviet Union launched the Cosmos-144 weather satellite on Feb. 28 and began transmitting data to the World Meteorological Center at Suitland, Md., on Mar. 2. The spacecraft is equipped for both day and night cloud photography, as well as for radiation measurements.

STORM SALLY DAMAGES KOROR STATION

Tropical storm Sally struck the island of Koror, Pacific Trust Territory, on Mar. 2 with gusts up to 75 knots. Eighty percent of the island's buildings were destroyed or damaged. The homes of four WB employees were demolished. Damage to the WB office and balloon inflation shelter was minor.

EXHIBIT FEATURES ESSA PHOTOGRAPHER'S WORK

Experimental and abstract photographs by John Roseborough, Jr., a photographer at ESSA headquarters, will be exhibited at the Gallery Coffee House in Washington through March 17. One experimental technique used by Mr. Roseborough is heliography, in which glass color plates are exposed directly to the sun.

KANSAS TEST SHOWS VALUE OF MAPPING TECHNIQUE

In a test in southeastern Kansas, a new aerial photogrammetric technique developed over the past two years by C&GS and IES demonstrated horizontal positioning accuracy adequate for large-scale mapping. A block of 180 overlapping photographs, covering a total of 40 square miles, was taken from an altitude of more than four miles. The geodetic control consisted of a chain of points scattered around the perimeter of the area. When the pictures were adjusted, about 60 interior test points were located to an accuracy within two feet.

WB DIRECTOR ATTENDS GENEVA MEETING

Weather Bureau Director George P. Cressman attended the Fourth Session of the World Meteorological Organization's Advisory Committee, held this week in Geneva, Switzerland. The committee discussed plans for the World Weather Watch, the Global Atmospheric Research Program, education and training, and the role of the WMO in work on the International Standard Atmosphere.

PPB IS SUBJECT OF SYMPOSIUM

"Analysis for Programming, Planning and Budgeting" is the title of the second Cost Effectiveness Symposium to be held in Washington, D.C., March 13-14 under the sponsorship of the Washington Operations Research Council. The meeting is designed to present applications of cost effectiveness analyses, describe advances in this analytical technique, and explore its prospects for the future. Walter A. Hahn, Director of ESSA Planning and Program Evaluation, will chair the first session. Deputy Assistant Secretary for Science and Technology Chalmers W. Sherwin will present a paper in the fourth session entitled "Estimating the Science and Technology Component of an R and D Budget."

REGIONAL OFFICE TO MOVE

WB Eastern Region Headquarters is scheduled to move Apr. 14 from Federal Building No. 111 at Jamaica, N.Y., to 585 Stewart Avenue, Garden City, N. Y.

IER MAN DISCUSSES SOLAR WIND

Murray Dryer, a physicist at the IER Space Disturbances Laboratory, spoke on "The Solar Wind," Mar. 10, at the State University of New York, Buffalo. Mr. Dryer, featured in the university's Engineering Sciences Seminar, discussed the interaction of the constantly streaming solar wind (ionized hydrogen gas from the sun) with the magnetic field of the earth and the probable magnetic fields of Venus and Mars.

ROBOT LAUNCHES BEING DEVELOPED

Maneuverability tests of remotely controlled hydrographic survey launches, conducted by C&GS in the Chesapeake Bay, have established acceptable responsiveness at a range of one to two miles from a mother craft. Further tests in the spring will involve telemetering of sounding and position information from the launches to a mother vessel. The purpose of the program is to develop unmanned launches which can operate in fleets sounding the sea floor and telemetering information to a mother ship. Such a system would advance significantly the now-laborious task of mapping the continental shelf. The first experiments were conducted by Lt. (j.g.) Clifford Wells and Angelo Ferrara of the Survey's Engineering Division.

ITSA WATCHES LARGE SUNSPOT

The largest sunspot group seen since November 1960 was observed by the Space Disturbance Forecast Center from Feb. 27 until Mar. 5, when it passed from the sun's visible face. The sunspot group has a length of 16 percent of the sun's diameter, or more than 80,000 miles, according to Chief Forecaster Dale Bucknam. Only about one in a thousand such clusters reaches this size.

ESSA MEN ATTEND MANAGEMENT COURSE

ESSA students attending the Commerce Middle Management Course held during the week of Feb. 27 were Alexander Campbell, Edward Devine, Roy Elkins, Burton Goldenburg, Steven Hollis, Patrick Hughes, Frank Kohl, Harold S. Lippmann, Herbert Lippold, Dale Lowry, Robert J. Main, Jr., and Leo Quenneville. A month earlier, the same course was taken by Morris A. Arkin, Robert E. Bradford, Richard Brintzenhoff, Frank Evangelista, Gene Geil, Jerry Glover, Lennart Gunnarson, Roy Hendricks, Paul L. Hexter, Jr., N. Arthur Pore, Thomas Stetson, and John D. Wood.

SOUTH KOREAN WORKS WITH FIELD PARTY

Chun Sik Yim of the Hydrographic Office, Republic of South Korea, is being trained in hydrographic survey techniques with a Coast and Geodetic Survey party in Biloxi, Miss.

BOSTON MIC CONTRIBUTES TO NEW BOOK

Dr. Oscar Tenenbaum, meteorologist in charge of the Boston Weather Bureau Airport Station, has updated a history of the Bureau at Boston, originally written in 1961 by Edward Sable of that station. The history will appear in a book about the New England weather scene.

JOHNSON ATTENDS GENEVA CONFERENCES

David S. Johnson, NESC Director, was in Geneva, Switzerland, during the week of Feb. 27, attending working group and committee meetings of the International Council of Scientific Unions and International Union of Geodesy and Geophysics. Meeting for the entire week was the Committee on Space Research (COSPAR) Working Group VI for scientific space experiments concerned with properties and dynamics of the troposphere and stratosphere. On Mar. 1 the Committee on Atmospheric Sciences held joint discussions with the COSPAR Working Group.

RADAR SPECIALIST AIDS RUMANIANS

Grant W. Vaughan, WB radar hydrologist at the Akron-Canton station is in Bucharest, Rumania, on a two-month assignment for the World Meteorological Organization. Mr. Vaughan is assisting the Rumanian meteorological service in developing a weather radar program. The Bucharest radar is made by the same British manufacturer as the instrument at Akron-Canton (the only one of its type in the ESSA radar network).

EXPLORER HAS HEAVY GOING

It was rough seas for the USC&GSS EXPLORER when it resumed its Gulf Stream studies in February. "Things came adrift that never had before," reported the commanding officer, Capt. Emerson E. Jones. The "things" included the chronometer case, a stateroom chest/desk, a bookcase, and a mirror.

BOULDER SCIENTIST READ IN JAPAN

Dr. Kenneth Davies, a physicist with the IER Space Disturbances Laboratory, has had a book translated into Japanese by the Corona Press, a leading scientific publisher in Tokyo. The volume, "Ionospheric Radio Propagation," was first published as NBS Monograph 80 in 1965, and has since become a standard reference in the field.

OFFICERS REASSIGNED

Cdr. Floyd J. Tucker, Jr., formerly assigned to the C&GS Pacific Field Office, will be the Executive Officer of the USC&GSS DISCOVERER. Lt. Seymour R. Kotler, who has been doing graduate work in instrumentation for oceanography at the University of Miami, has been appointed project planning staff officer of the Institute for Oceanography. Ens. Kenneth H. Voigt, formerly with a C&GS hydrographic field party, has been assigned to the USC&GSS DAVIDSON. Lt. Cdr. James S. Midgley will move from the Honolulu Observatory to the Pacific Field Office.

AEC SAFETY COMMITTEE DISCUSSES SEVERE STORMS

A subcommittee of the Atomic Energy Commission Advisory Committee on Reactor Safety met in Washington, Feb. 23-24, to discuss hurricanes and tornadoes and structural design to withstand these storms. Chairman of the meeting was Dr. F. A. Gifford, Jr., director of ESSA's Atmospheric Turbulence and Diffusion Laboratory in Oak Ridge, Tenn. Dr. Robert H. Simpson, associate director of the Weather Bureau, served as chairman of the session on hurricanes. ESSA speakers were H. C. S. Thom, Maurice Pautz, J. Galway, Vance Myers, Gordon Dunn, and R. C. Gentry.

FAA FLIES TO AID ALASKAN BABY

Verdin "Bud" Liddell, technician in charge of the Weather Bureau station in McGrath, Alaska, has a special reason to be grateful for ESSA-FAA cooperation in Alaska. His infant son recently swallowed a thumbtack, which became lodged in the baby's throat. There is no doctor in McGrath, a village of some 250 people, located about 230 miles from Anchorage. A call to the FAA Regional Office in Anchorage brought an FAA plane and flight surgeon to McGrath within a few hours. The infant was taken to an Anchorage hospital and is reported to be recovering nicely.

ESSA SEEKS RECRUITS

Lt. (j.g.) Lance W. Pape of the C&GS West Coast Field Office, San Francisco, recently made recruiting visits to California State College, Loyola University of Los Angeles, and the University of California at Los Angeles.

Lt. William T. McMullen, recruiting officer at the Mid-Continent Field Office, Kansas City, has visited the University of Cincinnati, Ohio State University, Ohio University, University of Notre Dame, and Purdue University. Later this month, he will recruit at the University of Illinois, University of Texas, and Texas A&M. Cdr. Dewey G. Rushford, chief of the Operations Division in Kansas City, will recruit in March at the University of Southwestern Louisiana.

CLIMATOLOGISTS NAMED FOR TWO STATES

New state climatologists are now on duty in Florida and Mississippi. Jack E. Michelson is the Florida climatologist, with offices at the University of Florida, Gainesville. For the past seven years, he was a forecaster at the San Francisco WB Airport Station. He has a bachelor's degree in mathematics and has completed course requirements for his master's in meteorology. Edgar J. Saltsman, former state climatologist for Louisiana, has moved to Jackson to perform the same duties for Mississippi.

ARCTIC POSITIONS OPEN

The Weather Bureau's Overseas Operations Division has a number of well-qualified applicants for 28 excepted positions at five Arctic weather stations, but would welcome more. Arctic duty tours range from 6 to 15 months, with departures scheduled from late February until June. Inquiries or applications should be addressed to ESSA, Personnel Division, Rockville, Md. 20852.

BOWIE BELL GOES ASHORE

To commemorate the decommissioning of the USC&GSS BOWIE after 20 years of service to the C&GS, her officers and men presented the ship's bell to the Pacific Marine Center in Seattle, Wash. The bell was given a high polish, engraved with a suitable inscription, and installed in the lobby of the Administration Building for all to see.

HONORS FOR WB MEN

John H. Aldrich, supervising aviation forecaster at Los Angeles, has been appointed chairman of the Soaring Society of America's meteorology committee.

R. W. Harms, who heads the Weather Bureau station at Milwaukee, is president of the Milwaukee Federal Officials Association.

OAKLAND AIRPORT TO BE SURVEYED

A C&GS airport survey party headed by John J. Cain is beginning a three-week field survey of the Oakland International Airport, Oakland, Calif. The survey is part of a joint program with the Federal Aviation Agency to advance air safety.

THREE WEATHERMEN JOIN CANAL PROJECT

The Atomic Energy Commission is studying the feasibility of using nuclear explosives in the construction of a new interoceanic canal. Three ESSA weathermen - William Folsom, Dayton, O.; James Forbes, San Nicholas Island, Calif.; and Robert Lafferty, Indianapolis - are preparing to depart for the Canal Zone, where they will provide meteorological support to the AEC.

SPOHN SPEAKS IN ILLINOIS

NESC's operations director, Dr. Clifford Spohn, attended a Feb. 18 symposium at the Illinois Institute of Technology on the uses of optical scanning equipment. Dr. Spohn presented an invited paper on the uses of optical scanning in satellite meteorology.

PLATFORM LIKE NEW AFTER YEAR'S IMMERSION

The C&GS underwater stable platform was recovered and dismantled in February, after being submerged for a year 100 feet below the surface of the Pacific Ocean. The buoy had absorbed no water, metal parts were not corroded, and the mooring lines showed no wear. The evidence indicates that the platform can remain stationary at such depths despite disturbed surface conditions.

ALASKA ADDS MORE REPORTING STATIONS

The number of weather reporting stations in Alaska was increased by one-fifth on Feb. 1. Through the efforts of the Data Acquisition Branch of Regional headquarters, and the cooperation of the Alaska Railroad of the Department of Transportation and the State Highway Department, 30 "unofficial" weather reports are telephoned twice a day to the WB Forecast Center in Anchorage.

C&GS PILOT TO SPEAK IN WICHITA

Lt. Cdr. Francis D. Moran, chief pilot of C&GS' Air Photo Missions, will present a paper on "Aerial Photography Operations in the Coast and Geodetic Survey" at the Third Annual Business Aircraft Conference and Engineering Display of the Society of Automotive Engineers in Wichita, Kans., Apr. 5.

NYC NETWORK TO GATHER AIR POLLUTION DATA

Anthony Tancreto and Abraham Kussman, both of the New York Weather Bureau Office, Delance Martin of the Air Resources Field Research Office at Cincinnati, and Fred Zuckerberg of Eastern Region Headquarters, attended a meeting of the Meteorological Advisory Committee of the New York City Department of Air Pollution Feb. 27. The committee is establishing a 38-site meteorological and air pollution sampling network in the metropolitan area.

POWER SQUADRONS MEET

The Coast and Geodetic Survey was represented at the annual meeting of U. S. Power Squadron area representatives, held Feb. 23 at Detroit, Mich. Future plans for promotion of the C&GS-Power Squadron cooperative charting program were discussed.

JENSEN DETAILED TO ICAO

Claire D. Jensen, WB Quality Control Officer at San Francisco, has accepted a detail to Montreal, Canada, to serve as consultant to the International Civil Aviation Organization. Mr. Jensen's two-month detail will begin in April.

INSURANCE COVERS UNUSUAL CIRCUMSTANCES

For ESSA employees around the world, the Insurance Company of North America (INA) is offering insurance guaranteeing a stated indemnity for death, dismemberment, or disability resulting from: (1) natural disasters; (2) endemic disease; (3) events associated with or peculiar to the type of work performed and the natural or physical locale and political environment in which it is performed; (4) accident; (5) intentional acts of other persons; (6) insurrection, revolution, guerilla action or terrorism; (7) war or active armed conflict. No medical examination is required, and applications are accepted regardless of health. For further information consult your personnel office.

WELCOME ABOARD

New employees at the NWRC, Asheville, are Nathaniel B. Guttman, Lee R. Hoxit, Frances B. Mitchell, and Lula B. Williams. The following are new employees in the Central Region. C&GS Mid-Continent Field Area - Duane R. Erlandson, John W. Worrell, Freddy C. Tindall, Jerry Lee Fletcher, Artist G. Thacker, and Joseph J. Kozofsky. Weather Bureau - Paul A. Mitchell, Flint, Mich.; Donal K. Boswell, Pueblo, Colo.; Robert Alan Maddox, St. Louis; Robert W. Hubbard, Huron, S. Dak.; Fred R. Cherry, Flint, Mich.; Harry O. Spencer, Williston, N. Dak.; Charles William Basler, Williston, N. Dak.; Thomas Miles, Chicago; and Richard Calcaterra, Sault Ste. Marie. Vicente T. Cruz, WB Guam, is a new employee in the Pacific Region.

SERVICE AWARDS

Length-of-service awards are due in March to the following employees in ESSA's Central Region. 40 years - Richard B. Cowdrick, WB Green Bay, Wis. 25 years - Hollis C. Howes, C&GS Kansas City; Ralph T. Tice, WB Topeka; Reece Evans, WB Louisville; Leslie T. Gerdes, WB Peoria; Morton B. Peterson, WB Grand Rapids; James R. Rhodes, CLSC Kansas City; Eulafoye Thomas, WB, Kansas City; and James D. McQuigg, WB Columbia, Mo. 20 years - John P. Baker, WB Wichita.

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. 20852. Phone (301) 496-8243.

National Oceanic and Atmospheric Administration

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