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ROYAL WELCOME READY FOR McARTHUR



Honolulu has planned a big welcome for the USC&GSS McARTHUR's arrival, July 8. She will be met off Diamond Head by Capt. David M. Whipp, C&GS Pacific Field Director, and escorted by a fireboat to her permanent berth, where the Royal Hawaiian Band and a hula troupe will entertain. A formal welcome ceremony and open house are scheduled for July 13. The McARTHUR is the first C&GS ship in 35 years to make Honolulu her permanent base.

The hydrographic survey vessel left Norfolk, Va., on May 30, and has stopped enroute at Kingston, Jamaica; Balboa, Panama; Acapulco, Mexico; and San Diego, Calif.

COMMUNICATIONS SPECIALISTS MEET

ESSA communications specialists met at WB headquarters in Silver Spring, June 12-15, to hear presentations by private industry and by Satellite Center, Weather Bureau, and Federal Aviation Administration officials. Attending the meeting were: R. J. Carr, Eastern Region; W. F. Lange, New York JFK; E. B. Clark, Southern Region; R. L. Redus, National Hurricane Center; W. J. Ziegler, Central Region; L. F. Pitts, WB Kansas City; D. D. Howard, Western Region; R. B. Hanns, WB San Francisco; J. E. DiFalco, Alaska Region; M. H. Kerner, Pacific Region; C. M. Hoover, NMC; H.L.E. Rawson, Pacific Region; and E. Ferguson, ITSA.

LOG OF THE OCEANOGRAPHER

The USC&GSS OCEANOGRAPHER arrived at Bombay, India, June 8. At the request of the Indian government, Vice Admiral H. Arnold Karo, expedition director, and Captain Arthur Wardwell, commanding officer, were filmed aboard ship for a newsreel which was later shown in theaters throughout India. Indian scientists boarded the OCEANOGRAPHER for a 10-day research trip out of Bombay.



LORD MAYOR TOURS DISCOVERER

Frank Chapman, Lord Mayor of Plymouth, England, visited the USC&GSS DISCOVERER June 28 during the ship's stopover in Boston, Mass. Mr. Chapman was accompanied by Lloyd Jones, Town Clerk, and J. Pattison, ex-Lord Mayor and present Alderman. The guests were greeted by the ship's commanding officer, Capt. William F. Deane, and by Dr. Robert M. White and other ESSA officials who were aboard for the trip to EXPO '67. In the photograph, Capt. Deane escorts the Lord Mayor on a tour of the vessel. (Boston Record-American photograph)

HATS OFF TO THE AIR WEATHER SERVICE

ESSA salutes the Air Weather Service, USAF, on its 30th anniversary. The Air Weather Service, established July 1, 1937, when 40 weather stations were transferred from the Army Signal Corps, now operates a global network of more than 400 weather stations, providing round-the-clock weather support to Air Force and Army units.

LONG ISLAND SOUND SURVEY BEGINS

The first complete survey of Long Island Sound since the 1800's is being conducted by a 17-man shore-based field party and the USC&GSS WHITING. The field party -- which will be based at Trumbull Field Airport, Groton, Conn., until November -- is charting water depths and the location of underwater terrain features from Groton westward. The WHITING is scheduled to survey the area from Eatons Neck to Port Jefferson, Long Island, before returning to Norfolk in October. Ultimately, the project will cover the entire Sound, from New Rochelle, N. Y., to Mystic, Conn.

MR. SMITH WENT TO WASHINGTON, TOO

The name of Samuel Smith, Eastern Region, was omitted from the caption on page 3 of the June 30 ESSA NEWS. Mr. Smith was standing at left in the photograph taken during the Field Personnel Officers' Conference.

WATCH ON THE POTOMAC

A 20-station network called AHOS (for Automatic Hydrologic Observation System), operated by the WB Office of Hydrology, is keeping a large portion of the Potomac River basin under electronic surveillance. At each station in the network, an AHOS monitor constantly gathers data from precipitation and river gages. The information is converted into signals which are transmitted by commercial telephone lines to the WB river district office. There, an AHOS "concentrator," equipped with a memory unit, stores and updates the information for printout by a teletypewriter. Aided by AHOS, the hydrologists can keep a constant watch on rain and snow accumulations and on the fluctuations in river levels.

SEISMOLOGISTS STUDY ALASKAN QUAKES

C&GS recorded an estimated 1,000 aftershocks during the first 24 hours after four large earthquakes shook the Fairbanks, Alaska, area. The shocks, which did only minor damage, were felt as far away as Anchorage, 275 miles to the south. A team of three geophysicists from the Albuquerque (N. Mex.) Seismological Center and one from the Rockville, Md., office went to the scene to delineate more accurately the active zone. They were assisted by two geophysicists from the C&GS Alaska field organization.

HIGH SCHOOL STUDENTS WORK IN ESSA LABS

Eight high-ability students from the Washington area are spending six weeks as guest workers in ESSA laboratories. This research experience is part of American University's Eighth Research Participation Program for Senior High School Students. Working at ESSA are, left to right: front row, Alfred Y. Wen, Willard F. Gray, Susan Lynn, Thomas W. Doeppner, Jr.; back row, George S. Tomlin, Peter K. Pickard, Lawrence J. Walter; not pictured, Doris L. Boesch.



SCHOOL BELLS RING FOR 90 ESSA EMPLOYEES

It's back to school for 90 ESSA employees selected for full-time university assignments during fiscal year 1968. ESSA, Administration and Technical Services - Donald Denion, Bruce MacGill, William Talley, and James Taormina. NESC - William Burkhardt, Robert Demaris, Edward Ferguson, Herbert Jacobowitz, and Russell Koffler. C&GS - Lt. J. P. Brown, Jr., Lt. J. W. Carpenter, Lt. D. W. Crawford, Robert E. Dennis, Lt. (jg) Carl W. Fisher, Lt. Michael H. Fleming, Arthur C. Flood, Jack Foreman, Sandford Holdahl, Lt. Edward E. Jones, Richard Kuberry, James F. Lander, Lt. Paul W. Larsen, James L. Lisle, M. G. Martinez, Jr., Vinton A. Moore, R. V. O'Connell, James E. O'Donnell, Ralph H. Rhudy, Robert L. Rothman, David W. Gordon, Lawrence W. Fritz, Cdr. Robert C. Munson, W. R. Shelton, Lt. Henry Pittock III, Lt. Cdr. James Collins, Cdr. Richard H. Houlder, and Cdr. Eugene Taylor. IER - Bernice Bender, Donald Ewing, Donald Henderson, Edward Jessup, Earl Markes Jr., Lothar Ruhnke, Robert Sax, A. L. Schmeltekopf, Thomas Sokolowski, Edgar C. Sparks, Jr., James W. Trout, Richard Wetherald, Dew Wilson, Abram Bernstein, Francis Pooler, and Chester P. Jelesnianski. EDS - Jimmy A. Almazan and R. W. Schwerdt. WB - Pasquale Albanese, Donald R. Baker, David P. Barnes, George P. Casely, William G. Collins, Doyle Cook, Allen D. Cummings, Paul W. Dailey, Jr., Arthur Decotfis, Carlos R. Dunn, John W. Fassler, Richard M. Greening, Edward M. Gross, Clyde S. Hall, Arthur N. Hull, Dean N. Jackman, Robert Krebs, Hector LaPorte, Jr., Leif Lie, Frank Makosky, Duane E. Moyer, Richard H. Munis, Vance A. Myers, Gerald F. O'Brien, David H. Owens, John C. Purvis, Francis N. Ramella, Robert H. Reece, Mable J. Riley, Ruben Schulz, Richard Schnurr, Roger A. Tucker, Warren Wallis, Lorimer Whitehead, and Richard Holm.

EDS TO STUDY U. S. DESERT

Dr. Clarence M. Sakamoto will report to the University of Nevada in early July for a cooperative research assignment arranged by EDS. He will work with the Desert Research Institute and other University groups on climatological studies of Nevada and adjoining arid regions. Dr. Sakamoto formerly was Advisory Agricultural Meteorologist for New Jersey.

MISSISSIPPI MIC COMMENDS BROADCASTERS

D. B. Munro, meteorologist in charge of the Jackson, Miss., WB has presented special commendations to radio stations WOKJ and WWUN and to Herman Taylor, Jack Smith, and Dave Warnach, citing their "fine cooperation in disseminating severe weather warnings on Sunday night, May 13, 1967."

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DeVer Colson of the Techniques Development Laboratory, WB Systems Development Office, has received a \$400 Superior Accomplishment Award for his outstanding service as Weather Bureau representative at such national and international conferences as the recent French/Anglo/United States Supersonic Transport meetings and the deliberations of the National Committee for Clear Air Turbulence.

NAVIGATION JOURNAL PUBLISHES C&GS MAN'S PAPER

"Safety Lanes for Marine Navigation" by Capt. Lorne G. Taylor, chief of C&GS' Marine Chart Division, will appear in the 1967 spring issue of the Navigation Journal of the Institute of Navigation. The paper, presented at the Institute's National Marine Meeting in October 1966, emphasized the need for separate traffic lanes for approaching and departing major harbors.

HAHN TAKES PPB TO TEXAS

Walter A. Hahn, Director of Planning and Program Evaluation, was an invited speaker at the Executive Orientation in Planning, Programming, and Budgeting in the Dallas, Tex., Region of the Civil Service Commission on June 13. His subject was "Application of P-P-B."

NAGLER, SOULES CONTRIBUTE TO NASA BOOK

A new NASA publication, "Earth Photographs from Gemini III, IV, and V," contains 244 views of cloud and land areas gathered, in part, through the efforts of Kenneth M. Nagler, chief of the WB Space Operations Support Division, and Stanley D. Soules, chief of NESCS's Physics Branch. The book is available at \$7 a copy from the Government Printing Office.

DATA CENTERS DISCUSSED IN BOULDER MEETING

Roy O. Williamson, EDS Deputy Director for Earth Sciences, William M. McMurray, of EDS' National Weather Records Center, and William Paulishak, chief of C&GS' Magnetic Data Center Branch, attended the first meeting of the Committee on Data Interchange and Data Centers, held in Boulder, June 12-13. Called by the Geophysics Research Board of the National Academy of Sciences, the meeting was attended by representatives of the subcenters of World Data Center A. Mr. Williamson represented EDS and ESSA, Mr. McMurray represented World Data Center A for Meteorology, and Mr. Paulishak represented World Data Center A for Geomagnetism, Gravity, Seismology, and Tsunami.

'67 TORNADOES SET NEW RECORD

For the period Jan. 1 - June 18, 1967, a record-breaking total of 625 tornadoes was reported. The previous record for this period was 617 in 1965.

TILLOTSON FLIES LOW

Kenneth Tillotson, WB aviation services quality control officer at Denver, recently had a 500-mile familiarization flight, at an altitude of 150 feet. Mr. Tillotson accompanied an oil-pipeline inspector on the flight from Rawlins, Wyo., southwest to Rangely, Colo., east to Meeker and Craig, Colo., and back to Rawlins. The trip afforded an opportunity for observing the problems encountered during extended low-level flights.

ON THE SURVEY CIRCUIT

Airport surveys are in progress at Chadron (Nebr.) Municipal Airport, Crystal Airport (Minneapolis, Minn.), and the James M. Cox Dayton (Ohio) Municipal Airport. Precise measurements have been made of a rail base line in the vicinity of Culpepper, Va.

NIGHT FLIGHT AIDED BY ANTARCTIC WEATHERMEN

WB personnel at Byrd and South Pole stations provided surface and upper-air observations in support of the first scheduled winter flight ever made to Antarctica. The successful flight during the middle of the polar night was made last month by a Navy C-130 Hercules aircraft.

THE WELCOME MAT

The C&GS Mid-Continent Field Area has rolled out the welcome mat for Leonard L. Bergman, Henry L. Ince, Gregory F. Smith, Edward M. Gelb, Gary L. Word, Keith F. Freese, John G. Rufenacht, Edgar C. Shanks, Daniel K. Sturgis, Max E. Kidd, Henry E. Register, Donald R. Tyler, G. H. Red, James W. Nelson, Jr., Eugene M. Mollberg, Gerald W. Holte, Gerald R. Gubbels, Billey R. Jones, George A. Trice, Frank Pace III, Graham Peterson, LeRoy E. Nichols, Larry Jones, and Edward C. Mann. New employees in the WB Central Region are John P. Armburst, Robert Frazier, Leonard R. Calvert, Clarence M. Pruitt, Donald J. Dunlavy, Iris Fay Matter, and James A. Miller.

THREE COOPERATIVE OBSERVERS COMPLETE 40 YEARS

Dr. George P. Cressman, WB Director, recently congratulated three cooperative weather observers -- William O. Beckner, Elgin, Ill.; H. W. Bouchelle, Elkton, Md.; and H. W. Travis, Ord, Nebr. -- upon completion of 40 years of service.

LSU PROFESSOR IS C&GS CONSULTANT

Professor L. Vance McLean of Louisiana State University is spending several weeks in C&GS' Engineering Division as a consultant in systems engineering, data processing, and digital data logging. Professor McLean is the author of two books on n a v y sonar equipment and of many papers on systems engineering and nuclear manpower.

EASTERN REGION MIC'S MEET

Thirty-two Eastern Region meteorologists in charge attended a workshop at WB Eastern Region headquarters June 13-16. Principal speakers for the sessions were Dr. George P. Cressman, WB Director; William Hiatt, WB Associate Director, Hydrology; Karl Johannessen, WB Associate Director, Meteorological Operations; Harlan Saylor, chief of the Analysis and Forecast Division, NMC; a n d Sumner Barton, WB Public Information Officer.

POCINKI HEARS AIR POLLUTION TESTIMONY

Dr. Leon S. Pocinki of the Office of Science and Engineering served as a member of the first Hearing Board appointed under the Clean Air Act. The Board heard testimony in the matter of interstate air pollution in the Selbyville, Del.-Bishop, Md., area.

SAN FRANCISCO VHF BROADCAST BEGINS

The new marine VHF continuous weather broadcast service at San Francisco was dedicated June 21. Hazen H. Bedke, Western Region Director, officiated at the ceremonies which were attended by city and airport officials and employees at the San Francisco WB airport station.

C&GS MEN TEACH BOATING SAFETY

Herman C. Anderson and James F. Richardson of C&GS' Marine Chart Division instructed 125 Maryland boaters in navigational aids and nautical chart use. The class, held June 7 at Rockville, Md., was sponsored by Division 7, Flotilla 72, of the U. S. Coast Guard Auxiliary.

WYOMING WEATHERMAN IS INGENIOUS

William L. Troxler, WB meteorologist in charge at Sheridan, Wyo., has devised a snow sweeper for his ceiling light. (For n o n-Weather Bureau types, the ceiling light projects a vertical beam of light used in calculating the height of cloud bases.) Mr. Troxler's snow sweeper, driven by a 12-volt windshield-wiper motor, came through a two-foot late spring snowfall with flying colors.

WESTERN REGION LEADS IN BOND SALES

The WB Western Region was commended by Dr. White for achieving 81 percent participation in the 1967 Savings Bond Campaign. "You have set an example for others to follow in this worthwhile endeavor," Dr. White said.

TEN FINISH MANAGEMENT COURSE

Ten ESSA employees completed the Department of Commerce Middle Management Course held June 26 - 30. C&GS students were Jesse H. Eaton, Rosemary E. Riordan, Austin J. Yeager, Francis D. Moran, Melvin J. Umbach, and Stephen Yachmetz, Jr. The Weather Bureau was represented by Donald T. Acheson, Billy D. Thomas, Ira D. Boyle, and Ralph H. Frederick.

WB MAN HOLDS IEEE OFFICE

Edward W. Bisone, WB Engineering Division, has been elected vice-chairman of the Washington, D.C., Geoscience Electronics Chapter of the Institute of Electrical and Electronics Engineers. His one-year term began July 1.

SERVICE AWARDS

Length-of-service awards were given to the following employees of ESSA headquarters during the first half of 1967. 40 years - Allen Barnabei and Burton F. Loveless. 35 years - Edward S. Sproles. 30 years - John Donohoe and Samuel C. Delfin. 25 years - Alzina I. Fuller, Garland Hill, James A. Bynum, Anna M. Kolody, Richard K. Estes, Agnes Stevens, August F. Mayer, Aerial D. Langston, Dorothy Martin, James P. Condaxis, James E. Rhodes, Francis X. Oxley, Walter S. Cox, Katherine B. Suggs, Theresa M. Wells, Margie M. Tucker, Theodore P. Gleiter, Harris J. Rainey, and Bernard Mosner.

Southern Region employees due for service awards in July are: 30 years - Oscar N. Norman, Lakeland, Fla., and Gilley T. Stephens, Memphis. 25 years - Jeanne B. Godfrey, Fort Worth; Paul J. New, Nashville; and Robert C. French, Oklahoma City. 20 years - Ronald L. Dorsey, Victoria, Tex.

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National Oceanic and Atmospheric Administration

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