

noaa week

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PRESIDENT GERALD R. FORD PRESENTED TO DR. ROBERT M. WHITE, NOAA ADMINISTRATOR, the 1974 Rockefeller Public Service Award for the Development and Protection of Physical Resources at a ceremony in Washington, D.C., this week. The Rockefeller Public Service Awards, which carry with them \$10,000 tax-free grants, are the most prestigious honors given annually to Federal career officials. This year's five recipients included another Commerce Department official, George Jaszi, Director of the Bureau of Economic Analysis.

World Weather and Satellite, Technology Offices Created

A World Weather Program Office and a Satellite and Advanced Technology Office have been established in the Office of NOAA's Associate Administrator for Environmental Monitoring and Prediction.

Dr. Douglas H. Sargeant has been appointed Director of the World Weather Program Office, which is responsible for coordinating NOAA's participation in the Global Atmospheric Research Program (GARP) and the World Weather Watch. The new Office includes a restructured U.S. GATE Project Office, the new U.S. Project Office for the First GARP Global Experiment (FGGE), and World Weather Watch and systems engineering activities.

Dr. Sargeant recently received a 1974 NOAA Award for his role in managing the GATE Project, the field phase of which is conducted in the tropical Atlantic this summer from June through September.

Dr. James Rasmussen, formerly the Science Coordinator in the U.S. GATE Project Office,

has assumed the role of Director of that Office.

The Director of the new U.S. FGGE Project Office is Walter Telesetsky, former Project Coordinator in the U.S. GATE Project Office.

Bernard Zavos has joined the World Weather Program Office and will lead the effort in support of U.S. participation in the various aspects of the World Weather Watch and related programs of the World Meteorological Organization.

The systems engineering group will continue under the leadership of Orville Scribner, and will be engaged in activities supporting both GARP and the World Weather Watch.

Wilbur H. Eskite, Jr., a General Physical Scientist in EM's Program Integration Office since 1971, has been appointed Director of the Satellite and Advanced Technology Office.

With NOAA components since 1963, he has been in the Coast and Geodetic Survey (predecessor

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MESA Program Office Now in ERL, Boulder

Tsunami Systems' Integration Being Discussed

Under the auspices of the U.S.-U.S.S.R. Environmental Protection Agreement, a four-man delegation from the U.S.S.R. has arrived in the U.S. to discuss the integration of the Tsunami Warning Systems of the two countries. The delegates are Anatoliy Alekseyev, Deputy Director of the Computer Center of the Siberian Branch of the U.S.S.R. Academy of Sciences; Vakim Popov, Chief of the Arctic, Antarctic, and Maritime Administration of the Hydrometeorological Service; Anatoliy Rykov, Research Scientist, Physics of the Earth Institute, U.S.S.R. Academy of Sciences; and Sergei Soloviev, Director, Sakhalin Complex Scientific Research Institute.

Bertrand J. Thompson, Chief of the Oceanographic Services Branch of the National Weather Service's Ocean Services Division, is heading the U.S. group hosting the Soviets. Other fulltime members of the U.S. delegation are Mark G. Spaeth, Tsunami Specialist, also from the NWS Oceanographic Services Branch; and Dr. Gaylord Miller, Director of the Environmental Research Laboratories' Joint Tsunami Research Effort in Honolulu, Hawaii.

Marine Seismic Data Available

Marine seismic data of interest to those concerned with the discovery and development of U.S. Atlantic Outer-Continental Shelf oil deposits are now available from the Marine Geology and Geophysics Branch of the Environmental Data Service National Geophysical and Solar-Terrestrial Data Center.

The data, derived from from commercial lease-site surveys sponsored by the U.S. Geological Survey, consist of multichannel, Common-Depth-Point seismic bottom profiles of high-resolution and clarity for tracklines over the Georges Bank area

and in offshore waters of New Jersey and the Delmarva Peninsula. About 700 nautical miles of bottom profiles are contained on sixteen 3- by 5-foot transparencies. Eight trackline maps at a scale of 1-inch = 16,000 feet show air gun shot-point locations.

The complete data set is available at nominal cost as full-sized Ozalid or sepia transparency copies. Direct inquiries to the Marine Geology and Geophysics Branch, Code DF621, NGSDC, NOAA/EDS, Washington, D.C. 20235. Telephone (202) 634-7381.

A program to investigate how man has affected the marine environment has been established at the Environmental Research Laboratories in Boulder, Colo. Charles G. Gunnerson, a sanitary engineer specializing in pollution control in the oceans and estuaries, and in disposal, reclamation, and recycling of wastes, has been appointed Director of the Marine Ecosystems Analysis (MESA) program, and Dr. Edward G. Altouney, a civil engineer-economist experienced in public works and water resources, is the Deputy Director.

The program was formerly attached to NOAA's Rockville, Md., headquarters, and was directed by Dr. Allan Hirsch. Dr. Hirsch is now Chief of the Office of Biological Services in the Interior Department's Fish and Wildlife Service. Mr. Gunnerson was formerly Director of the Great Lakes Regional Office of the International Joint Commission, a U.S.-Canada body established by treaty in 1909 to govern the use of the Great Lakes and other boundary waters. Previously he had established a San Diego office of Woodward-Envicon Environmental Consultants where he planned and managed environmental impact, research, and management studies for industrial clients and government agencies. He has also served as manager of the Sanitary Engi-

(Continued on page 2)

AMC Processing Division Receives Unit Citation

A NOAA Unit Citation was presented recently to the Processing Division of the National Ocean Survey's Atlantic Marine Center in Norfolk, Va., by AMC Director Rear Admiral A.C. Holmes. The award was granted

for improvements made by the Division in the smooth plotting and verification of hydrographic surveys.

According to Captain Clinton D. Upham, manager of the Marine Data Systems Project in the

NOS Office of Marine Technology, the effort of the AMC Division and the Processing Division at the Pacific Marine Center in Seattle, Wash., resulted in a 130 percent increase in production between 1972 and 1974.



(Front row, from left) Glenn D. Hendrix; Frederick W. Patterson; Ensign Evelyn J. Fields; Dorothy C. Calland; Admiral Holmes; Lieutenant Commander C. Dale North, Jr.; William L. Jonns; Guy F. Trefethen; (back row, from left) Wilbur A. Hill; Maurice B. Hickson, III; Jerry T. Murphy; Lieutenant Gregory R. Bass; Robert G. Roberson; Billy J. Stephenson; Willie H. Tyndall, Jr.; Michael W. Johnson; Franklin L. Saunders; William H. Guy; Hugh L. Proffitt; and Charles M. Meekins.

Sargeant and Eskite Head New EM Offices

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Dr. Douglas H. Sargeant

son of the National Ocean Survey) Office of Research Development; a participant in the Department of Commerce Science and Technology Fellowship Program; Chief of the Environmental Research Laboratories' Scientific Documentation Division in Boulder, Colo.; and a General Physical Scientist in the Earth Sciences Division of the Office of Plans and Programs.

The Satellite and Advanced Technology Office provides a focal point within NOAA Headquarters for plans and programs of the National Environmental Satellite Service, and policy guidance to advanced technology programs associated with environmental monitoring and prediction.

It also assesses advanced technology including environmental remote sensing utilizing sensor platforms such as satellites, buoys, ships-of-opportunity, aircraft, constant level balloons, and other conceptual systems for the purpose of accelerating



Wilbur H. Eskite, Jr.

transition from research to operational application.

The Office also serves as the focal point within the Office of Environmental Monitoring and Prediction for development of experimental or demonstration projects utilizing a variety of NOAA environmental monitoring capabilities to meet emerging national needs.

Defensive Driving Taught Hearing-Impaired

Since August 21, 1974, when the NOAA Safety Office initiated a defensive driving course for employees in the Washington, D.C., metropolitan area, the course has been given periodically by Sydney Smith, Safety Specialist.

An employee who attended a session suggested the course or a similar one be conducted for employees with hearing impairments.

With the assistance of Frank Lattanzi (interpreter) and Paulette Quinn (Administrative Trainee on assignment in the

MESA Now in ERL

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neering Laboratory of the Stanford Research Institute, and worked with the water quality section of the U.S. Public Health Service's Division of Water Supply and Pollution Control and with the California Department of Water Resources.

Mr. Gunnerson studied mining engineering at Iowa State University, civil engineering at Oregon State University, received a degree in geology from the University of California at Los Angeles, and has done graduate work in oceanography and marine bacteriology at the University of Southern California.

Dr. Altouney was Senior Specialist in Engineering and Public Works for the Congressional Research Service of the Library of Congress. Previously, he was staff assistant to the Assistant Secretary of the Interior for Water and Power Resources, where he supervised extensive investigations on water development programs and coordinated activities with other



LIEUTENANT COMMANDER LOWELL J. GENZLINGER, Chief of the Flight Operations Group in the Coastal Mapping Division of the National Ocean Survey's Office of Marine Surveys and Maps, recently received a Commerce Bronze Medal for his accomplishments while Chief of the Air Photo Mission. He was cited for "extraordinarily well-organized planning and efficient execution of extensive photographic flight operations in St. Thomas, Virgin Islands, and Key West, Florida, during the 1974 flight season."

New York Tax Changes

Employees who are subject to state tax withholdings for the State of New York may notice a minor change in their state tax for the salary checks dated on or after December 4, 1974.

Federal agencies and with state commissions.

Earlier, while at Stanford Research Institute, he coordinated institute-wide water research efforts and directed the development of research contracts in water resources. He also worked in the State of California's Department of Water Resources.

He earned a bachelor's degree in civil engineering from Ecole Supérieure d'Ingenieurs of the University of Lyons, France, an M.S. from the Faculte des Sciences de Lyons, and a Ph.D. from Stanford University in engineering-economic planning.

noaa week

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NOAA Week reserves the right to make corrections, changes or deletions in submitted copy in conformity with policies of the paper or the Administration.

Catherine S. Cawley, Editor
Anna V. Felter, Art Director

Discoverer To Be Reactivated



The NOAA Ship *Discoverer*, former flagship of NOAA's Atlantic Fleet, has taken the first step back along the road that will lead to her reactivation. The 303-foot, 3951-ton oceanic research vessel was deactivated March 1, 1973, and has been

tied up at the Atlantic Marine Center in Norfolk, Va. Shown above is the *Discoverer* on a one-day shakedown cruise before she enters a shipyard to be put back in shape for an active career again. She is expected to rejoin the fleet next April.

Continental Shelf Data Published

The Environmental Data Service's National Oceanographic Data Center has published *Key Oceanographic Records Documentation No. 2: Temperature, Salinity, Oxygen, and Sulfate in Waters off United States*, in three volumes—Volume I: Western North Atlantic (Atlantic Coast); Volume II: Gulf of Mexico (Gulf Coast); and Volume III: Eastern North Pacific (Pacific Coast of California, Oregon, and Washington).

The volumes provide a general picture of the variability of measurements in oceanic waters on the Continental Shelf and Slope areas of the United States. The data are presented in formats easily usable by nonphysical oceanographers—biologists, engineers, and others responsible for the development, utilization, and management of programs, projects, and surveys relating to the ocean. The data are also useful in studies of marine productivity, pollution, corrosion, and waste-receiving capacity, and oceanic circulation, and in designing instruments and in planning structures.

The data, presented in graphic and tabular computer displays, were compiled from NODC's Oceanographic Station Data File, which contains over 25,000 stations (primarily Nansen casts) covering a period of more than 50 years (1914-1970). Each volume contains computer-derived frequency-distribution histograms, temperature-salinity composites, and vertical numerical arrays and geographic area

South Carolina, Georgia, Florida Survey Begins

A six-month geodetic survey is being conducted along a 380-mile route in South Carolina, Georgia and Florida by a 15-man National Geodetic Survey field party. The survey will determine changes in elevations along the route, parts of which were last measured from 1954 to 1961.

The survey team, headed by James W. Taylor, will measure over 400 elevations beginning in South Carolina and progressing southwest from Charleston through Jacksonboro, Yemassee, Ridgeland and Hardeeville; then through the Georgia communities of Savannah, with a spur line to Savannah Beach, Richmond Hill, Townsend, Everett and Kingsland; and the Florida communities of Gross, Yulee, with a spur line to Fernandina Beach, Jacksonville and St. Augustine.

Gibson Named MIC at WSFO New York City



Harold M. Gibson

Harold M. Gibson has been appointed Meteorologist in Charge of the New York City Weather Service Forecast Office. He succeeds John A. Mayer who recently accepted a new assignment as Executive Officer at NWS Eastern Region Headquarters in Garden City, N.Y.

A meteorologist with the NWS for the past 15 years, Mr. Gibson moved to this position in advance of the planned consolidation of the NWS Forecast Office on the Bronx Community College Campus with the Weather Service Office at Rockefeller Center.

He began his Weather Service career at Kansas City, and subsequently served as an Aviation Forecaster in Anchorage, Alaska, and Salt Lake City, Utah. In 1968 he went back to Alaska as a Principal Forecaster, and two years later was named MIC at Des Moines, Iowa. In 1972 he was appointed MIC at the Forecast Office on the former NYU Bronx Campus. Earlier he was in the Air Force, served as a Research Meteorologist with the Illinois State Water Survey, and as a forecaster with Trans World Airlines.

Mr. Gibson attended the University of Illinois, graduated from Parks College of St. Louis University with a major in Meteorology, and in 1966-1967 attended Penn State University on an NWS scholarship.

Regional Substation Managers Meet

The first Regional Substation Management Conference since 1970 was held in Silver Spring, Md., November 11-15. Also invited to participate were four

Assistant Regional Hydrologists from the contiguous United States. The agenda included all aspects of the substation program.



Participants were (seated, from left) George Stephenson, Plans and Design Coordinator, Silver Spring, Md.; Ray Richardson, Assistant Regional Hydrologist, Western Region; Charles Ridge, Chief, RSMB, Southern Region; Ms. Jo Maney, Cooperative Data Branch, NCC, Asheville, N.C.; Dwight Rigney, Chief, RSMS, Eastern Region; Don Close, Assistant Regional Hydrologist, Eastern Region; (standing, from left) Marshall Richards, Chief, Hydrologic and Substation Networks Branch, Silver Spring, Md.; Mark Takata, Chief, RSMS, Pacific Region; Hugo Lehrer, Cooperative Data Branch, NCC, Asheville, N.C.; Randy Fuller, Assistant Regional Hydrologist, Southern Region; Keith Shoun, Substation Management Section, Silver Spring, Md.; Bernie Spittler, Chief, RSMB, Central Region; Bill Pogerman, Substation Program Manager, Silver Spring, Md.; Lou Billones, Chief, RSMB, Western Region; Henry Rockwood, Assistant Regional Hydrologist, Central Region.

maps showing surface distribution of stations.

About 375 copies of each volume have been sent to government, state, and educational institutions and 40 to foreign organizations. Copies are for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, and are identified and priced as follows: Volume I, Stock No. 0317-00253, \$10.40; Volume II, Stock No. 0317-00254, \$8.75; and Volume III, Stock No. 0317-00255, \$15.75.

Gulf of Alaska Data Available

The Environmental Data Service has obtained summaries of some of the data for the Northeastern Gulf of Alaska gathered by the Gulf of Alaska Operator's Committee, a consortium of oil companies. The summaries were presented during hearings held by the President's Council on Environmental Quality in connection with the Outer Continental Shelf Study.

The summaries include information on the chemical analysis of crude oils found in the region.

seismology, and the seafloor coring program in the Gulf; data on the physical marine environment of the Gulf; and a general discussion of the birds, marine mammals, commercial fisheries, and the resources of crabs, shrimp, scallops, groundfish, and salmon in the area.

A subject breakdown and copies of the summaries are available from the National Oceanographic Data Center, NOAA/EDS, Washington, D.C. 20235.

notes about people

A Commerce Advanced Managerial Seminar was conducted recently in Seattle, Wash. NOAA employees who participated were: (from the Northwest Administrative Service Office) Dale C. Gough, Gordon D. Shadoan and Graham Mathes; (from the National Ocean Survey Pacific Marine Center) Commander John Vandermeulen and Commander Walter Forster; (from the National Marine Fisheries Service) Percy Washington, Northwest Fisheries Center; and Paul Sund, Pacific Environmental Group; (from the National Weather Service) Thomas Bowers, Albert Comiskey and Richard Unruh, Anchorage, Alaska; Richard Augulis, Fairbanks, Alaska; and W.A. Rammer, Great Falls, Mont.; Lief Lie, Juneau, Alaska; Joe Lawrence, Medford, Oreg.; J.D. Wakefield, Portland, Oreg.; A.F. Gustafson, Redwood City, Calif.; and A.L. Zimmerman, Seattle, Wash.



Jim A. Helms

Jim A. Helms, a Weather Service Specialist at Meridian, Miss., has been selected as Official in Charge of the National Weather Service Office at Columbus, Ga. He replaces Thomas J. Floyd, who is retiring. Mr. Helms entered the Weather Service at Meridian in 1959 after four years in the U.S. Air Force.

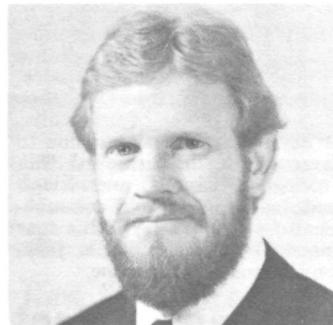
He received his meteorology training at Penn State University, and has also studied at Mississippi Delta College and Meridian College.

Thomas M. Crawford has been named Library Automation Project Manager in the Environmental Data Service's Environmental Science Information Center.

Mr. Crawford began his career in information science in 1962 with the IBM Advanced Systems Development Division in Los Gatos, Calif. In 1969, he was selected for the Special Recruit Program at the Library of Congress. He then became Director of Scientific and Technical Programs for CCM Information Corporation, a subsidiary of Crowell, Collier, and Macmillan, which produced computer based information products.

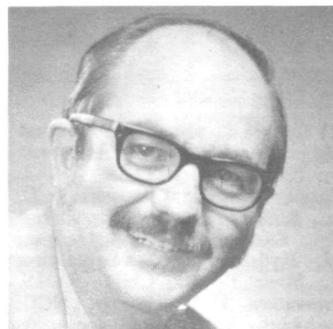
In 1971 he became Head of the Indexing Section at the National Agricultural Library, where he had responsibility for developing and utilizing the agricultural data base, and for computer applications to Library processing.

Mr. Crawford received his bachelor's degree from Kenyon College, and his master's degree from Stanford University of Oregon.



Lt. Commander Floyd Childress II

Lieutenant Commander Floyd Childress, II, is the new Executive Officer of the NOAA Ship Ferrel. A NOAA commissioned officer since 1969, he previously served aboard the Discoverer and more recently with the Office of Marine Resources at NOAA headquarters. The Ferrel is based at Norfolk, Va., and conducts surveys of coastal currents.



James F. Lander

James F. Lander, Deputy Director of the Environmental Data Service's National Geophysical and Solar-Terrestrial Data Center in Boulder, Colo., has been appointed a Liaison Representative with the Earthquake Engineering Research Institute. The EERI is a national, multi-disciplinary society of engineers, geoscientists, and social scientists devoted to finding better ways to protect society from earthquake hazards. NGSDC maintains the basic national data bases in this field, including copies of strong motion accelerograms, magnetic tape files of reported earthquake intensities and of

earthquake hypocenters, and a photographic file of earthquake effects, and prepares the annual United States Earthquakes series in cooperation with the U.S. Geological Survey.



James E. Sykes

James E. Sykes, who has been Director of the Division of Fisheries at the National Marine Fisheries Service Atlantic Estuarine Fisheries Center in Beaufort, N.C., since 1971, has been elected President of the American Institute of Fishery Research Biologists for a two-year term. The Institute is an association incorporated in 1956 to establish and maintain high professional standards by recognition of achievement and competence for fishery biologists.

Mr. Sykes has been a Fishery Biologist with NMFS for 25 years. He conducted research on the Atlantic coast anadromous fisheries for 12 years at Beaufort, N.C., and from 1962-1971 was Director of the Biological Laboratory in St. Petersburg Beach, Fla.

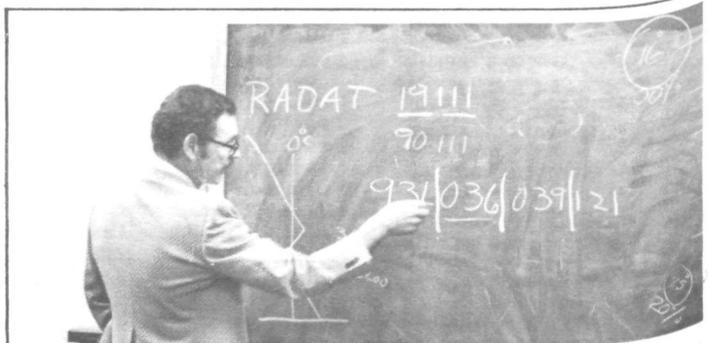
He received his education in biological sciences at Randolph Macon College, the University of Virginia and Duke University.



Dr. Carl J. Sindermann

Dr. Carl J. Sindermann, Director of the National Marine Fisheries Service Middle Atlantic Coastal Fisheries Center in Highlands, N.J., and panel member of the U.S.-Japan Cooperative Program in Natural Resources, was invited to give a two-hour lecture to the Crown Prince of Japan during a recent panel meeting in Tokyo. Prince Akahito, trained as an ichthyologist, and with his own staff of professional assistants, expressed to Japanese panel members an interest in hearing about fish diseases—which resulted in the invitation to Dr. Sindermann, who has published two books and over 70 scientific papers on the subject.

The Prince's interests were broad and genuine—ranging from fish and shellfish diseases to public health problems with seafood to effects of coastal pollution on fisheries. Accompanied to the palace by Dr. S. Egusa, Japan's leading authority on fish diseases, Dr. Sindermann, who had just returned from a week-long UJNR-sponsored inspection trip of Japan's aquaculture research facilities, was able to compare effectively the ongoing work of the United States and Japan.



BRIAN STONE OF THE NATIONAL WEATHER SERVICE OFFICE IN CHARLESTON, S.C., addresses the FAA/FSS-WSFO Pilot Briefing Conference held recently in Columbia, S.C. Because of the excellent response to the seminar, scheduled by WSFO Columbia to help improve pilot briefing, the FAA Southern Region plans to recommend other seminars throughout the region.

National Oceanic and Atmospheric Administration

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