



# noaa week

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## NGS Assists Petroleum Exploration

NOAA has established a magnetic geodetic program to aid in exploration of offshore petroleum and natural gas.

Beginning this month and continuing through March, the National Geodetic Survey will establish the positions of key offshore oil platforms which will be used to position accurately research vessels and other offshore structures. The program is expected to aid materially in the development of the offshore blocks of submerged land on the continental shelf which oil developers have leased from the federal government.

Geoceivers and Navy satellites will be used in conducting the program. The geoceiver, a new surveying instrument, was tried successfully in the Gulf of Mexico last year to determine geographic positions of oil platforms 40 to 100 miles offshore.

Two-man teams plan to survey approximately 13 platforms off Texas and Louisiana during the two-week period. The oil companies are providing accommodations on their offshore platforms for transportation to and from the platforms, some of which are as far as 150 miles from shore.

The accurate positioning of offshore structures has become possible with the development of Doppler surveying techniques. Doppler surveys utilize satellites to determine precise positions on the earth. A two-man team equipped with a geoceiver receives signals from a Navy satellite. The receiver compares the satellite signals and their precise time signals generated by the receiver in order to determine the Doppler shift. This phenomenon is known to everyone who has heard a train whistle, with the pitch changing as the train approaches and disappears. The same phenomenon occurs with radio waves emitted by a satellite.

With geoceiver survey operations, the NGS is able, by using data supplied by its geoceivers together with precise satellite data supplied by the Navy, to determine the latitude

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## NOAA Reaches Agreement With FDA

NOAA has reached agreement with the Food and Drug Administration concerning the inspection and standardization of fishery products processed in the United States.

The FDA is responsible under the Food, Drug and Cosmetic Act to insure that foods are safe and wholesome and that products are honestly labeled.

The National Marine Fisheries Service is authorized by the Agricultural Marketing Act and the Fish and Wildlife Act to develop and implement quality grade standards for fishery products and to improve health and sanitation standards in the industry. NMFS also has the authority to conduct both plant and product inspection for fishery processors through a voluntary inspection program available to the industry.

This agreement will benefit both consumers and industry by extending fishery products inspection activities to more products and facilities. NOAA's inspection service will not diminish FDA's authority to inspect but should minimize FDA inspec-

## Weather Modification Facilities Reorganized

tions in establishments under NOAA contract inspection.

In the Memorandum of Understanding between the two agencies, FDA recognizes NMFS' expertise in the field of fishery products quality and sanitary processing. FDA also recognizes that plants under contract to NMFS' voluntary inspection program are subject to inspections which insure compliance with the Federal Food, Drug and Cosmetic Act.

Since both agencies have certain, common or related aims in carrying out their respective regulatory and service activities, the agreement defines the working arrangements which will enable each agency to administer more effectively its responsibilities relating to inspection and standardization of fishery products. Some of the areas for cooperative action identified in the agreement include joint consultation on recognized problem areas, periodic joint program planning, product retention and recalls, and training.

"Our agreement with FDA comes at a most appropriate

(Continued on page 2)

NOAA's Weather modification research facilities in Miami, Fla., are being reorganized. The changes, developed by the Environmental Research Laboratories' Weather Modification Program Office in Boulder, Colo., reflect increasing interaction between researchers in tropical meteorology and the requirements of NOAA's new aircraft and instrumentation systems, scheduled to enter service in 1976.

The reorganization combines the present National Hurricane Research Laboratory, mainly concerned with hurricane prediction and modification, and the Experimental Meteorology Laboratory, concerned with tropical cumulus clouds and how they may be beneficially modified.

Within the new laboratory, four groups—hurricane, cumulus, analytical studies, and modeling—will provide the scientific teams needed to conduct the unit's research in tropical meteorology and weather modification. The facility will remain at the Coral Gables campus of the University of Miami.

ERL's Research Flight Facility, based at Miami International Airport, will be reorganized to separate flight operations and scientific instrumentation, and renamed the Research Facilities Center.

According to Merlin C. Williams, Acting Program Manager for Weather Modification in Boulder, the changes anticipate requirements that will come with new missions and equipment.

"In combining the laboratories at Coral Gables," he explains, "we are simply recognizing that cumulus clouds and hurricanes occupy different ends of the tropical meteorology scale. A team approach within a single laboratory can bring additional talent and experience to bear anywhere along that scale."

"Our new Lockheed P-3D aircraft and their instrumentation systems will require a different approach than we have used in our aviation facility before. The instrumentation will be state-of-the-art. The new organization permits us to develop a needed center of excellence here for

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**MEMBERS OF THE 49TH NOAA CORPS OFFICER TRAINING CLASS, which graduated recently at the Corps' Training Center, U.S. Merchant Marine Academy, Kings Point, N.Y., were (front row, from left) Ensign Mark V. Losleben, Ensign Bruce C. Woodry, Ensign Lars A.G. Pardo, Ensign Mary C. Wencker, (middle row, from left) Ensign Robert D. Haught, Ensign Pirkko K. Uusitalo, Lieutenant (junior grade) Douglas G. Hennick, Ensign John R. Fueschel, Lieutenant (junior grade) Gary L. Johnson, Ensign Allan C. Smith, Jr., (back row, from left) Ensign Terry J. Goebel, Ensign Todd A. Baxter, Ensign John R. O'Reilly, and Ensign Ronald W. Kimball.**

## NWS Service Is Praised In Commentary

The following commentary, aired in southeastern Kentucky by Radio Station WHLN in Harlan, Ky., probably refers primarily to services rendered by the Weather Service Forecast Office in Louisville and the WSO/Agriculture in Lexington:

"Information often is difficult to pinpoint or secure when it comes from an agency of Government. Specific answers to questions have often produced a flood of words couched in "Federalize" that leaves the questioner no better off. And a chain of command must sometime pass on information before it is released.

"An exception, and a notable one, is the National Weather Service and its personnel. The Weather Service is contacted many times every day. Its personnel go to great lengths to provide weather information that is regularly carried on this station, and at times, have suggestions to make on the subject of weather from a background of meteorological training that is invaluable to a well-rounded presentation of weather news.

"Both public and private individuals also find the Weather Service personnel helpful and courteous and willing to go to great lengths to be of service.

"Is it going to rain? Is a cold spell on the way? Weatherwise, what would be the best air or land route to take on a projected trip?"

"You always get a 'yes' or 'no' answer, or you are filled in with the necessary details from the Weather Service.

"Where else in Government is it possible to get such a direct reply?"

## Charting Surveys Of P.R., V.I. Waters Resumed

Nautical charting surveys of the waters of Puerto Rico and the Virgin Islands will be resumed this month, after a lapse of two years, by two NOAA ships—the Mt Mitchell and the Whiting.

The ships will delineate bottom topography; verify the location of dangers to navigation such as shoals and wrecks; investigate landmarks, fixed aids to navigation and shoreline and alongshore features for nautical charts; and inspect marine and port facilities and general conditions along the coasts.

The surveys are part of a long-range program by the National Ocean Survey, which operates the ships, to update nautical charts and Coast Pilots for Puerto Rican and Virgin Islands waters. The program has been underway in Puerto Rican waters since 1962 and in the Virgin Islands since 1964. The task was curtailed in 1973 and 1974 by the assignment of the ships to higher priority areas.

The Mt Mitchell, working along the southern coast of Puerto Rico in the vicinity of Punta Petrona and continuing in the direction of Punta Guayanes, will complete approximately 35 miles of coastline from the surf zone to more than 12,000 feet of water, approximately 50 miles offshore.

After working for two to four weeks in the Mona Passage between Puerto Rico and the Dominican Republic, the Whiting will proceed to the Virgin Islands where she will begin nautical charting surveys in Pillsbury Sound between St. Thomas and St. John islands.

## Hinn Named To Head WSO In Wilmington

Albert R. Hinn, who has been Meteorologist in Charge of the National Weather Service Office in Richmond, Va., for the past year and a half, has been named MIC at the Wilmington, N.C., WSO. He succeeds Marvin Miller, who recently became MIC of the Weather Service Forecast Office in Charleston, W.Va.



Mr. Hinn

Mr. Hinn entered the Weather Service in 1961 as an Aviation Briefer at J.F. Kennedy International Airport in New York City. In 1966 he transferred to Burlington, Vt., as an assistant to the MIC, and in 1971, he became lead public service and aviation forecaster at the Portland, Maine, WSFO.

He graduated from and received his meteorological training at the City University of New York.

## Weather Modification Elements Reorganized

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maintaining what we have and inventing what we will need.

"And we will be going more to the aircraft manager concept on the new airplanes. This technique, which puts an aircraft manager between the aircraft commander and the mission scientists, works very well for NASA and should be effective aboard the P-3's."

Two other elements of the Weather Modification Program Office—the Instrumentation Task Force, and the Boundary Layer Dynamics Group, both based in Boulder—are not affected by the present reorganization.

## NOAA and FDA Reach Agreement

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time," said Joseph Slavin, Associate Director of the NMFS Office of Resource Utilization.

"We have only recently expanded and modernized the inspection services that we can offer to the industry. We have developed new services, overhauled existing services to fit the needs and pocketbooks of smaller firms, and added greater flexibility to handle new business. These recent changes and our agreement with FDA make it more attractive for a firm to use our services."



Montgomery County, Md., high school juniors and seniors are being employed by the National Ocean Survey to support its Nautical Chart Automation Program. The students are receiving vocational training while, at the same time, aiding the Marine Data Systems Project to create digital data files for use with computer-assisted nautical chart compilation.

Shown here are (from left) Christopher Brown, Northwood High School; Rose Marie Gabriel, Richard Montgomery High School; Fred Ganjon, Chart Automation Projects Office; Harvey L. Kemp, Northwood High School; Commander Ray E. Moses, Manager, Marine Data Systems Project; Debbie Thompson, Rockville High School; Debra Moss, Magruder High School; Deborah King, Magruder High School; Barbara Gray, Marine Data Systems Project Computer Specialist; and Yolanda Moss, Marine Chart Division, Cartographer.

## obituarie

### Capt. E. Pagenhart

Captain Edwin H. Pagenhart, Chief of the Division of Coast and Geodetic Survey (predecessor of the National Ocean Survey) produced the aerial charts of the country on January 5. He had retired in 1937, but was called back in World War II and served from 1942-1946.

His assignments included command of the Romblon at Lydonia, and serving of team that first determined exact height of Mt. Olympus, Washington and on another surveyed the U.S.-Mexico border.

He is survived by his Jessie, and three children: Polly Patton, 2160 Onyx Eugene, Oreg., with whom Pagenhart lives; Emily Ann of Davis, Calif.; and Thomas Castro Valley, Calif.; and granddaughters.

### R.H. Weightman

R. Hanson Weightman, retired in 1952 after more than 51 years with the Weather Bureau, died on January 10 in Dallas, Tex. The Chief of Station Facilities and Meteorological Observations Division for four years prior to his retirement, he had begun his career as a clerk in the Office. A First Lieutenant in World War I, he served in as a Signal Corps meteorologist and on his return was a meteorologist at the Central Office. Later he was Chief Clerk of Stations and a Chief Forecaster, Senior Washington Forecaster, and then for years was the agency's foreign relations officer.

He is survived by his Emma Jane, who resides in their daughter, Jane Winckel, 1143 Nolte Dallas, Tex. 75208; a Richard H., of Colorado Springs, Colo.; four grandchildren and six great-grandchildren.

## noaa week

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

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

# Living Safety Improvement Project Aim

Concerned about the growing number of fatal diving accidents in the United States as the sport of recreational diving burgeons, NOAA, the State of California, and a private citizen have initiated a project at the University of California at Los Angeles to improve diving safety.

Dr. Glen Egstrom of UCLA's Department of Kinesiology, who is also President of the National Association of Underwater Instructors and a member of the Los Angeles County Underwater Safety Committee, directs the project, for which NOAA's Sea Grant program provided \$200,000.

Learning of the NOAA search for an experienced, qualified organization that could undertake the work quickly, Leonard Penstone of Los Angeles, a recreational diver and scuba instructor who has been concerned about the carelessness and lack of knowledge exhibited by many recreational divers, called Sea Grant's attention to the capabilities of Dr. Egstrom's UCLA team, and followed up with a \$15,000 commitment. UCLA has obtained \$15,745 in matching funds to support the project.

UCLA has for several years operated a center for the study of human performance underwater, determining human effectiveness under a variety of environmental conditions, with different kinds of equipment and for varying lengths of jobs. Objectives of the Sea Grant project are to focus on these areas of research on recreational diving safety, and work with other diving organizations to help the public learn more about diving safety and education.

According to Dr. Egstrom, about 750,000 recreational divers in the country are partici-

# Sea Grant Program Assists Offshore Exploration

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longitude of a position and its precise location on the globe.

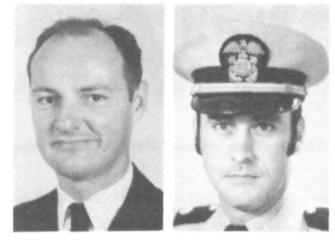
NOAA's Director Captain Leonard Baker said the offshore surveys would be extended as funds become available. "This work," he said, "is a natural extension of the surveys conducted on land in the maintenance and improvement of national distance and elevation networks." The networks are the basis for all accurate measurements.

NOAA's offshore program is being undertaken at the request of the Offshore Engineering Committee, a group that represents most petroleum companies operating offshore.

# Curtis Becomes Exec of Oceanographer; Callahan Joins NOS Director's Staff

Commander William R. Curtis is now Executive Officer of the Seattle-based NOAA Ship Oceanographer. He was appointed in the commissioned corps in 1965 and has served aboard the Explorer and the Mt Mitchell, with the National Environmental Satellite Service, and for the past 28 months with the Office of Environmental Monitoring and Prediction at NOAA headquarters in Rockville, Md.

Lieutenant Commander John K. Callahan, Jr., has joined the staff of the Director of the National Ocean Survey in Rockville, Md., after 29 months at sea as Executive Officer of the NOAA Ship Peirce. His previous assignments included duty aboard the ships Oceanographer and Discoverer. Lt. Commander Callahan



Cdr. Curtis Lt. Cdr. Callahan

joined the commissioned corps in 1966 and holds an engineering degree from the State University of New York Maritime College and a Juris Doctorate from Catholic University.

His new duties will include work on the determination of seaward boundaries, coastal zone mapping and legislative review.

participating in the relatively new sport and using equipment and emergency procedures that have never been systematically studied.

Among the problems in the recreational diving community has been inadequate training of scuba divers by unqualified or non-certified instructors.

The UCLA Sea Grant project uses an underwater kinesiology laboratory—a facility especially designed to measure human performance under a variety of stress conditions. A biochemical analysis to evaluate the efficiency and effectiveness of current scuba diving practices will cover surface and underwater swimming, buddy breathing, emergency inflation of flotation devices, use of weight belts, aid to distressed divers, and other critical diving skills.

Dr. Egstrom, Dr. Tony Christenson, and a team of technicians will also try to determine how long it takes for individuals to learn critical skills in diving behavior.

Arthur Alexiou, Director of

the Institutional Support Program in NOAA's Office of Sea Grant, stated, "Several Sea Grant programs, including those at the University of Michigan and Texas A&M University, have carried out widely recognized research and safety programs, and will cooperate with this project."

Richard Fitzgerald, Director of the Department of Beaches, Los Angeles County, is cooperating in the project, and will provide manpower, equipment, and consultation.

To provide additional professional help in relation to widely dispersed areas, the UCLA project will consult with James Stewart, Diving Officer of Scripps Institution of Oceanography; Dr. Thomas Thompson, Diving Officer at Moss Landing Marine Laboratories, Calif.; and selected diving officers from the states of Washington, Michigan, Florida, Texas, Alabama, and Maryland.

# Foreign Oceanography Students Are Briefed On NODC and WDC-A

Five foreign students enrolled in the Naval Oceanographic Office's annual Applied Oceanography program recently toured the Environmental Data Service's National Oceanographic Data Center and were briefed on the mission, policy, operations, and products of NODC and the World Data Center A, Oceanography. They were Lieutenant Commander Masataka Nozaki of Japan; Lieutenant Commander Khwaja Ahsan Ali of Pakistan; Lieutenant Charay Sila of Thailand; Lieutenant Commander Kadri An of Turkey; and Lieutenant Dang Huu Quyet of Vietnam. Zarech Mozian, a member of the Naval Oceanographic Office Training Staff, accompanied the group.

# Proenza Named To NWS Central Region Post

X. William Proenza has been named Executive Assistant to the Director of the National Weather Service Central Region in Kansas City, Mo. He succeeds Lothar A. Joos, who recently retired after 33 years of service. The position assumes the tasks of the Executive Officer post and acquires some of the Chief, Administration, duties.



Mr. Proenza

Mr. Proenza has served in the Meteorological Services Division as program leader for the Marine, Agriculture, Air Pollution, Public and Fire Weather programs in the Central Region since 1973. He served previously in the Public Weather Branch at NWS Headquarters in Silver Spring, Md. His earlier assignments were at the Atlanta, Ga., Weather Service Forecast Office; the WSO's in Columbus, Ga., and Huntsville, Ala.; and in Miami, Fla., at the Environmental Research Laboratories' Research Flight Facility, the National Hurricane Center and the Weather Bureau Airport Station.

# Handouts Explain Natural Phenomena Of Great Lakes

The Lake Survey Center's free handouts which show or explain the natural phenomena of the Great Lakes have proved over the years to be extremely popular with the general public, as well as with boating enthusiasts. The most requested fact sheets include:

—The "Great Lakes-St. Lawrence River Profile", which covers an area from Lake Superior at Duluth, Minn., to the mouth of the St. Lawrence River at Father Point, Quebec, and shows pictorially each Lake's elevation (using chart datum as a reference) and its greatest depth.

—The "Abnormal Water Level Fluctuations", which describes the disturbance called a "Seiche" (pronounced "sāsh"), to which each of the lakes, but especially Lake Erie, is subject.

—The "Data on the Great Lakes System", which lists the Lakes' general dimensions (length, breadth, area in square miles, etc.), length of outflow rivers, and other data.

Copies of these can be obtained from the Lake Survey Center, 630 Federal Bldg., Detroit, Mich. 48226.

# next week's best fish buys

According to the NMFS National Consumer Educational Services Office in Chicago, the best fish buys for the next week or so are likely to be shrimp and Maine sardines along the Northeast Seaboard; whole sea bass and fluke in the Middle Atlantic States, including the D.C. area; Spanish mackerel and mullet in the Southeast and along the Gulf Coast; canned red salmon and chum salmon in the Midwest; turbot fillets and canned tuna in the Northwest; and fillets of sole and dressed whiting in the Southwest.

# personnel perspective

## Current Vacancies in NOAA

To insure that NOAA employees are aware of job possibilities throughout the agency, a list of current NOAA-wide vacancies is published below. Employees interested in any of the listed vacancies

should contact their servicing personnel office for information where to apply.

Announcement No.	Position Title	Grade	MLC	Location	Issue Date	Closing Date
400-75	Oceanographer	GS-13	ERL	Miami, Fla.	1-13-75	1-27-75
401-75	Meteorologist	GS-12	NWS	Minneapolis, Minn.	1-14-75	1-28-75
402-75	Meteorologist	GS-10	NWS	Pueblo, Colo.	1-14-75	1-28-75
399-75	Supv. Meteorologist	GS-15	NWS	St. Louis, Mo.	1-10-75	1-31-75
403-75	Computer Systems Analyst (Part-Time)	GS-13	HDQS	Rockville, Md.	1-18-75	2-1-75
405-75	Physical Scientist	GS-12	EDS	Washington, D.C.	1-18-75	2-1-75
409-75	Supv. Meteorological Tech.	GS-11	NWS	Garden City, N.Y.	1-18-75	2-1-75
404-75	Supv. Meteorologist	GS-13	NESS	Marlow Heights, Md.	1-18-75	2-1-75
411-75	Supv. Meteorologist	GS-14	NESS	Honolulu, Hawaii	1-20-75	2-3-75
410-75	Supv. Meteorologist	GS-13	NWS	Camp Springs, Md.	1-20-75	2-3-75
413-75	Meteorologist	GS-14	NWS	Honolulu, Hawaii	1-22-75	2-5-75
406-75	Oceanographer	GS-13	HDQS	Rockville, Md.	1-18-75	2-8-75
407-75	Supv. Electronics Engineer	GS-15	NWS	Silver Spring, Md.	1-18-75	2-8-75
408-75	Supv. Meteorological Tech.	GS-11	NWS	Swan Island, Honduras	1-18-75	2-8-75
414-75	Meteorological Tech.	GS-10	NWS	Parkersburg, W. Va.	1-22-75	2-5-75
419-75	Supv. Physical Scientist	GS-15	NWS	Silver Spring, Md.	1-23-75	2-6-75

## DOC 1975 National EEO Affirmative Action Plan Summarized

In accordance with the provisions of the Equal Employment Act of 1972, each Federal department is required to develop an annual national affirmative EEO action plan. To assure that NOAA employees are familiar with the contents of the Department of Commerce's 1975 National Affirmative Action Plan for Equal Employment Opportunity, the important aspects of the Plan are summarized below.

Within the Department of Commerce, EEO efforts are implemented through the combined action of managers, supervisors and personnel office staff members whose EEO responsibilities are specified in Administrative Order 202-713. The Order also outlines the responsibilities of other important EEO personnel such as the Director of EEO, EEO Officers and the Special Assistant for Civil Rights.

Equal employment opportunity within the Department is considered to be an integral part of our total personnel administration activities. Therefore, each and every supervisor within Commerce carries a personal responsibility to assure that all judgments regarding personnel matters in employment, placement, training, classification, or incentive awards are devoid of discrimination and based solely on principles of merit. It is on that basis that the Department's 1975 National Affirmative Action Plan for EEO has been developed and under its provisions, each Commerce agency is required to:

1. Organize their resources to administer the EEO Program in a positive and effective manner by:

- allocating sufficient manpower and funding to carry out an effective results-oriented EEO program;
- reviewing the qualifications of all management officials and employees involved in EEO program activity and certifying as to their adequacy;
- developing regional and local action plans;
- assessing EEO progress and making necessary revisions in EEO plans;
- gathering input from recognized groups (EEO Committees, labor unions, etc.) interested in the furtherance of EEO;
- publicizing the discrimination complaints system and collecting and analyzing data to correct any deficiencies that may be a part of the system;
- publicizing EEO accomplishments and program policy to keep employees and managers aware and informed.

2. Develop recruitment activities designed to reach and attract job candidates from all sources by:

- reviewing recruitment activities and their results and, when necessary, revising recruitment efforts;
- developing programs to encourage women and minority group persons to enter those scientific, technical, and administrative career fields utilized by the Department;
- maintaining contacts with minority and women's organizations which may be helpful in recruitment efforts;
- developing special recruitment literature designed to reach minority and women candidates;
- developing more cooperative education programs with predominantly minority schools and women's colleges.

3. Assure full utilization of the present skills of employees by:

- identifying underutilized employees in the work force and providing them with on-the-job training, including special training plans, additional duties, reassignment and outplacement; to assure the best possible use of skills and potential;

-reviewing qualification requirements of occupational group assure they are appropriate and necessary to do the actual work;

- maintaining an agency-wide skills bank to match underutilized employees with available job opportunities;
- restructuring jobs to establish entry level and trainee positions to facilitate movement among occupational areas.

4. Provide employees with opportunities to enhance their performance at their highest potential, and advance in accordance their abilities and available opportunities by:

- reinforcing and utilizing existing upward mobility programs to provide bridges to higher grade career ladders;
- developing additional career management systems to insure advancement and training opportunities for lower graded employees;
- providing career counseling services.

5. Assure program understanding and support on the part of supervisors and managers through training, advice, incentives and performance evaluation by:

- evaluating existing EEO supervisory training and making necessary modifications;
- reevaluating criteria used for evaluating supervisory managerial performance in the EEO area;
- nominating deserving supervisors for official EEO awards and publicizing the achievements of those supervisors who contribute notably to EEO program success.

6. Participate in community efforts to improve conditions which affect employability by:

- actively supporting community equal housing efforts;
- helping applicants and employees to find suitable housing;
- supporting efforts by community groups and local authorities to improve local public transportation and establish more community day care centers;
- assisting local schools in developing curricula which relate to the requirements of Federal positions.

7. Provide for a system of internal program evaluation by:

- collecting and analyzing statistical data on employment of women and minority groups;
- evaluating all EEO affirmative action program activities;
- developing annual reports on EEO Plan progress.

The actions items listed above are considered essential by the Department of Commerce in bringing about significant progress toward EEO in 1975. While these action items are directed primarily at the affirmative steps to be taken to improve the employment status of minorities and females, the total described effort is applied to all employees and applicants in concert with the principles of the merit system, thereby assuring true equal opportunity for all.

To implement the DOC Affirmative Action Plan in NOAA we disseminate a NOAA 1975 National Affirmative Action Plan patterned after the Department plan. This NOAA National Plan is written after consultation with representatives from each Major Component. Each MLC, in turn, has developed its own 1975 National Plan, and in addition, may have Regional Plans and Local Plans where appropriate. Local Plans are required where NOAA has 50 or more employees located in one geographical area. All plans, when completed, will be made available to employees who are covered by the plan.

# **National Oceanic and Atmospheric Administration**

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