



NOAA REPORT

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COMING UP

6th Remote Sensing Conference in Galveston, Tex.,
Nov. 2.

NOAA Science Seminar Series: "A Mobile Underwater
Research Laboratory for the Caribbean:" Al Kalvaitis
and Mike DeLuca, NOAA National Undersea Research
Program, WSC-5, Room 926, 10:30 a.m., Nov. 6.

American Meteorological Society Conference on
Radar Meteorology in Boston, Mass., Nov. 9-13.

Marine Fisheries Advisory Committee Meeting in
Providence, R.I., Nov. 10-11.

International Polar-Orbiting Meteorological Satellites
Meeting in Tokyo, Japan, Nov. 12-13.

General Dynamics To Launch NOAA Satellites:--NOAA's new
generation of Geostationary Operational Environmental Satellites
(GOES) will ride into space atop Atlas-Centaur rockets built and
launched by General Dynamics Corp., under a \$315 million contract
announced recently.

The Department of Commerce and National Aeronautics and
Space Administration have selected General Dynamics for nego-
tiations leading to award of a contract for launch services, the
first under a NASA plan to acquire such services commercially.
NASA, acting as NOAA's agency, will award the contract to General
Dynamics contingent upon reaching final terms and conditions for
Atlas/Centaur launches.

General Dynamics will assume total systems performance
responsibility for overall program and subcontractor management,
including vehicle design, production, testing and integration;
mission integration; launch services; system effectiveness; and
overall launch vehicle performance.

The contract covers launch services for three GOES satellites with an option for two additional spacecraft launches, the first of which (GOES 1) is scheduled to be orbited in March 1990.

Pacific Storm Flights Planned:--A team of U.S. and Canadian scientists will fly a NOAA P-3 Orion research aircraft through Pacific Ocean storms at low altitudes this fall to investigate the exchange of energy between the sea and the air.

Project "Ocean Storms" could shed new light on the development of severe weather and improve the ability to predict sea surface conditions during and after violent storms, James Overland of the Pacific Marine Environmental Laboratory said. The exchange of energy between sea and air helps to trigger storm systems and, over longer periods, affects climate.

Operating in an area of the Pacific about 500 miles west of Seattle, Wash., the NOAA aircraft will carry scientists into storms at altitudes as low as 150 feet to study dynamics of the lower atmosphere and upper ocean. The NOAA aircraft will be supplemented by a C-130 from NASA's Jet Propulsion Laboratory in California, which will measure surface winds.

More than 20 buoys, some drifting and others moored, also will be used to make oceanic and atmospheric measurements during the data-collection period which will last about a month.

In addition to scientists from NOAA and the University of Washington, others come from Scripps Institute of Oceanography, the National Center for Atmospheric Research, Oregon State University, the Naval Post Graduate School, Massachusetts Institute of Technology, the University of British Columbia, the British Columbia Institute of Ocean Sciences, and the Jet Propulsion Laboratory of the California Institute of Technology. Study financing is mainly by NOAA and the Office of Naval Research.

Landsat 6 Funding Approval - A Chronology:-- On Oct. 1 the Department of Commerce forwarded to Congress its revised plan for the Landsat commercialization program. On October 16, the Senate and House Appropriations Committees approved this plan, releasing the \$62.5 million provided in the FY 87 Supplemental Appropriations Act for the development of the Landsat 6 spacecraft and associated ground systems. On October 19, the Department modified its Landsat contract with EOSAT to add \$5 million to continue those subcontracts that would have been terminated by EOSAT on that day due to lack of government funding. The remaining funds approved will be provided when NOAA and EOSAT complete formal contract modification negotiations.

Congressional Hearings on Ozone Hole:--Hearings on preliminary results of two scientific expeditions studying the cause

of the seasonal thinning of the stratospheric ozone layer over the Antarctic were conducted October 27 by the Senate Subcommittee on Environmental Protection, and the Subcommittee on Hazardous Waste and Toxic Substances of the Committee on Environmental and Public Works, and Oct. 29 by the House Committee on Science, Space and Technology. A major witness at the latter hearing was NOAA's Dr. Adrian Tuck, Mission Scientist, Airborne Antarctica Ozone, who joined other scientists in the position that it is premature to speculate on the global implications of the ozone decrease.

The ozone hole was discovered in 1983 by members of a British expedition who noted drastic reductions in the concentration of ozone between August and September, during the Antarctic's austral spring. Initial findings support the theory that the cause of the ozone hole is a combination of high chlorine levels - with probable man-made sources - and climatic conditions specific to the Antarctic region.

Fish and Seafood Promotional Council Named:--Commerce Secretary C. William Verity has appointed 13 members to the National Fish and Seafood Promotional Council. The council helps market fishery products and foster their sales nationwide.

Established in the closing days of the last Congress, the council is made up of experts who have general fishery knowledge as well as other specialized experience such as marketing, product development, public relations or consumer education.

Harvesters, processors and marketers are equally represented within regional groups. The new members are:

Northeast Region: James A. McCauley, president and chief executive officer, Point Judith Fishermen's Cooperative Association, Inc., Narragansett, R.I.; William J. Dowd, president and chief executive officer, Mrs. Paul's Kitchens, Inc., Philadelphia, Pa; and Kenelm W. Coons, executive director, New England Fisheries Development Foundation, Boston, Mass.

Southeast Region: Phyllis S. Shaffer, co-owner, shrimp business, Isle of Palms, S.C.; and John H. Pestalozzi, president, Tampa Maid Sea Products, Inc., Tampa, Fla.

Pacific Region: Katheryn K. Vanderpool, owner/operator, Billingsgate Fish, Honolulu, Hawaii; Terry Baker, president and chief executive officer, Arctic Alaska Seafoods, Inc., Seattle, Wash.; and Dixie A. Blake, Marketing Manager, Ocean Garden Products, San Diego, Calif.

Alaska Region: Roseleen L. Moore, co-owner, Northern Enterprises, Homer, Alaska; Terry Gardiner, founder and partner,

Silver Lining Seafoods, Ketchikan, Alaska; and Gregory M. Carr, vice-president merchandising, Carr's Quality Centers, Anchorage, Alaska.

Member-at-Large (Nutrition Inland Fisheries): Nancy L. Abrams, marketing and culinary consultant, Chicago Fish House, Chicago, Ill.

Member-at-Large (Nutrition Education): Mary K. Stiedemann, manager, Nutritional Marketing Services (General Mills, Inc.), Minneapolis, Minn.

SNOWBALL 87:--It's not too early to start planning for really cold-weather and thinking of how to protect yourself from the dangers of winter storms. In Colorado they're doing it in a big way. The governor of the state has declared the week of Oct. 18-24 "Winter Storm Awareness Week." Colorado Weather Service facilities are in the midst of planning simulated snowstorms for SNOWBALL 87, an exercise for communities to test their ability to respond to the effects of a major storm and for the State to aid communities and areas where local resources are exceeded.

World Ocean Agreement Sought:--NOAA's Office of Oceanic and Atmospheric Research has invited the Soviet Union to send a small delegation to visit the United States before the end of the year to discuss revival of the dormant US/USSR World Ocean Agreement and activities that might take place under it. OAR is assembling a list of potential research areas in which federal agencies might seek Soviet cooperation. The U.S. delegation will be led by Dr. Ned Ostenso, Director of OAR's Office of Sea Grant and Extramural Programs and U.S executive secretary for the agreement.

Winter Workshop Attracts Media:--More than 20 participants from 18 television outlets (including NBC) and radio stations, representing 10 eastern states, attended the Office of Public Affairs' winter weather workshop for weathercasters Oct. 24 at LaGuardia Airport, New York. Along with the presentations, interviews with speakers were videotaped for showing on local channels. At the same time, winter weather safety public service announcements were mailed to 4,000 radio stations in 34 states.

NGDC Data Highlighted In PBS Special:--Imagery from the National Geophysical Data Center, Snow and Ice Data Archive will be used as part of a Public Broadcasting Corporation six-hour series called "The Ring of Truth." The series will be aired on PBS channels over the next few weeks. NGDC images will be used in a segment on mapping to be aired Nov. 3.

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National Oceanic and Atmospheric Administration

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