



Volume 5  
 Number 20  
 October 6, 1980

U.S. DEPARTMENT OF COMMERCE

# NOAA news

National Oceanic and Atmospheric Administration

## Combined Federal Campaign In Full Swing



**CFC Kick-off** – Administrator Frank, NOAA Chairman of the CFC, makes his donation to NOAA CFC Vice-Chairman Allen Thomas.

In offices throughout NOAA, employees are turning in their contributions for this year's National Capital Area Combined Federal Campaign. As always, the money will be used to help countless of needy citizens served through more than 200 volunteer agencies.

Administrator Richard Frank, NOAA Chairman for the CFC, said the agency's Campaign goal for 1981 is \$199,500.

"The Combined Federal Campaign is vital to the millions of people – many of whom live here in the National Capital Area – who receive the important services of the 212 voluntary agencies supported by it," Frank said.

"When you give," he added, "you are reaching out to these people in a very personal sense, because it's your decision and it's your gift."

The CFC supports the work of 178 United Way and United Black Fund agencies, 19 National Health Agencies, 10 International Service Agencies, 10 International and three National Service agencies, as well as two local, non-affiliated agencies – 212 voluntary health and social service agencies in all.

Contributions to the CFC may be earmarked to support the work of any agency the donor chooses. This year, designated contributions will be turned over to the appro-

*(Continued on p. 7)*

## Frank Attends Successful GOES Launch

NOAA's latest environmental monitoring satellite, GOES-4, was successfully launched from Kennedy Space Center earlier this month on a joint operational-research mission.

Administrator Richard A. Frank was among scores of viewers of the near-perfect September 9 launch. This was the first time a NOAA Administrator has viewed a GOES launch.

At NOAA News press time, GOES 4 was undergoing a series of delicate maneuvers to position it at 90 degrees West longitude at an altitude of about 22,250 miles above the equator. Present plans call for the spacecraft to remain there during the systems check-out by controllers at NASA's Goddard Space Flight Center, and for the initial testing of a new instrument on board, a Visible Infrared Spin Scan Radiometric Atmospheric Sounder (VAS).

The VAS, an upgrade of the Visible Infrared Spin Scan Radiometer (VISSR) flown on earlier GOES satellites, will provide traditional imaging of the earth's surface and cloud cover. It also is expected to record atmospheric temperatures at varying levels and to monitor the amount, distribution, and movement of water

vapor at different altitudes. This information, if the experiment is successful, could be used to analyze storms and the short-lived weather phenomena they produce, such as hail, flash floods, and tornadoes.

The initial research check-out of the VAS may have to

*(Continued on p. 2)*

## NOAA Birthday Party - Oct. 11

A gala Tenth Anniversary party, – unlike any ever before sponsored by NOAA – will be held on Saturday, October 11 along side the NOAA ship *Researcher*, docked in Southwest Washington at 550 Water Street, S.E., near the foot of Maine Avenue. Tickets are available to employees and the public.

Colorful yellow and white striped tents will shelter long candlelit buffet tables on the dock beside the ship. Continuous dance music will be

provided in an adjoining larger tent. A complementary beverage will accompany buffet service and cash bars will be available for beverage purchases throughout the evening.

Ticket holders will be given special tours of the ship from 6:00 to 7:30 p.m., food service catered by Braun's from 8:00 to 10:00 p.m. and music by two orchestras from 8:00 to midnight. Informal dress suggested.

*(Continued on p. 7)*



**Weatherwise** – A budding meteorologist at the NOAA family picnic. See pages 4 and 5.

## LETTER FROM THE LABS

By Richard Newell

NOAA researchers sponsored several ocean-oriented workshops on the west coast in August. They explored theories, and helped shape research plans. They also accomplished, on a grand scale, the basic aim of all scientific workshops — to provide a setting for investigators to gather together and exchange the latest information and ideas on a topic of mutual interest.

*An El Niño Effect* — A small group of scientists gathered in Seattle on August 7-8 to exchange information about El Niño events, mysterious warmings of the sea surface over large areas of the eastern tropical Pacific Ocean. The workshop, sponsored by the NOAA/University of Washington Joint Institute for the Study of the Atmosphere and Ocean (JISAO), focused on the relationship between tropical ocean warmings and mid-latitude winter weather extremes.

Dr. John M. Wallace, JISAO director, outlined the findings. "To begin with," he explained, "evidence presented by Dr. Eugene M. Rasmusen (NOAA Climate Analysis Center) confirms an earlier analysis by Dr. Barbara Hickey (University of Washington), showing that sea surface warming occurring in the eastern Pacific in one winter propagates westward to the

central Pacific by the following winter." Wallace pointed out that many unusually severe winters, with below-normal temperatures in the eastern United States, displayed unusually high sea surface temperatures in the central Pacific, apparently associated with an El Niño off the coast of South America the winter before. These central Pacific warmings tend to be accompanied by increased equatorial mid-Pacific rainfall, as well as an especially strong "Aleutian Low" pressure area, a high pressure ridge over western North America, and a low pressure trough over the east coast, the latter bringing very cold temperatures to the eastern U.S.

"We found strong similarities between these observational studies and an atmospheric general circulation model presented by Dr. R. Keshavamurti (visiting scientist from India to NOAA's Geophysical Fluid Dynamics Laboratory)," Wallace said. Moreover, Wallace reported that theoretical work presented by Dr. Brian Hoskins, visiting JISAO from Reading University, near London, indicates that the global coupling takes place through the propagation of atmospheric planetary waves in the middle and upper tropo-

sphere, mainly at the jet stream level. Hoskins' analysis shows that it is possible for disturbances in the tropical atmosphere, such as occur following El Niño events, to produce very strong responses at higher latitudes. These responses take the form of a train of standing waves with a path rather like a great circle route, directed north-northeastward from the central Pacific, toward the Aleutian Islands, and then arcing across North America and back toward the equator.

"In other words," said Wallace, "when tropical sea surface temperatures change, that seems to rearrange the tropical rainfall pattern, and the whole atmosphere adjusts."

Wallace is aware that some scientists question the idea that sea surface temperature changes can redistribute tropical rainfall (see Letter From The Labs, 6/30/80). However, he feels that the large-scale "teleconnections" examined at the El Niño workshop are now firmly enough established and understood to stand on their own.

As for the cause of the El Niño itself, "That," says Wallace, "is still very much an open question."

**Show and Tell in La Jolla** — About 75 scientists came to the Scripps Institution of

Oceanography in La Jolla, for the week of August 11-15, with posters describing their recent studies of the tropical Pacific. They came from many U.S. organizations, as well as from Australia, Canada, Japan, New Caledonia, and Peru.

It was billed as the EPOCS/NORPAX Data Display Workshop, centering on the oceanographic aspects of the Global Weather Experiment of 1979, including NOAA's Equatorial Pacific Ocean Climate Studies (EPOCS) program and the just-concluding National Science Foundation-sponsored North Pacific Hawaii-Tahiti shuttle experiment (NORPAX).

According to Dr. William Patzert of Scripps, who co-convened the workshop with Dr. David Halpern of NOAA's Pacific Marine Environmental Laboratory (PMEL), the objective was to summarize the state of our knowledge of the tropical Pacific Ocean and propose additional research.

"The meeting was a big success," said Patzert. "It generated a lot of enthusiasm and cooperation on both a national and an international scale. In the near future, various working groups will be summing up our accomplishments and recommending future cooperative research."

## Frank Attends GOES Launch

(Continued from p. 1)

be curtailed if a malfunctioning encoder in the VISSR on the West Coast operational GOES satellite continues to deteriorate. Officials at NOAA's National Earth Satellite Service (NESS) expect the imaging instrument on GOES-3 to fail within three months, which would require moving GOES-4 to 135 degrees West for immediate operational service.

In addition to Mr. Frank, NOAA was represented at the GOES-4 launch at Cape

Canaveral by Deputy Assistant Administrator (Designate) for Satellites Diana Josephson, NESS Director of Systems Integration E. Larry Heacock, NESS Spacecraft Manager Edward W. Bisone, and NESS Goddard Liaison Administrative Assistant Sheila Frye.

The NOAA Administrator and Ms. Josephson flew to the launch site with a special party which included James T. McIntyre, Director of the Office of Management and Budget, and Congressional staff personnel.



**It's Up** — Administrator Frank, third from left, monitors GOES launch with, from right, NESS Spacecraft Manager Bisone, Deputy Assistant Administrator Josephson and Systems Integration Director Heacock.

日本海軍通信信案(米海軍海軍局非公式提案)

QUESTION 質問	ANSWER OR ADVICE 回答
STD Who is calling this station 本船を呼出しているのは誰ですか。	You are being called by 貴船を呼出しているのは〇〇です。
STS What is your call sign おなじみの呼号(コールサイン)は何ですか。	My call sign is 私の呼号(コールサイン)は〇〇です。
STR Can you acknowledge receipt 貴船との通帯は可能ですか。	I am acknowledging 本船は通帯中です。
STF Shall I shift to another frequency (MHz, KHz) 周波数を変えようか。	Shift to another frequency (MHz, KHz) 別の周波数に替えなさい。
STY Can you communicate directly /relay with: call sign 直接通帯できるか/中継:呼号(コールサイン)	I can communicate directly /relay with: call sign 私は直接通帯できます/中継:呼号(コールサイン)
STZ What is my true bearing from you 貴船に対する本船の真正方位は何度ですか。	Your true bearing from me is...degrees 貴船の本船に対する真正方位は〇〇度です。

Signal System - Japanese and English "question and answer" three letter communication code.

## NMFS Develops Signal Code For US, Japanese Fishermen

U.S. and Japanese longline operations in the Gulf of Mexico have created serious gear conflict and communications problems. Upon crossing the fishing line of another vessel or accidentally damaging the line, the skipper of the vessel involved has frequently not been able to alert the other vessel because of a language barrier. Japanese and U.S. skippers are unable to read or understand the other's language. In the last year, the National Marine Fisheries Service has received many complaints regarding this problem and it has become an issue that must be resolved.

To alleviate the problem, the NMFS Law Enforcement Division (LED) Southeast Region has developed a signal system composed of three letter character codes. The codes are structured so that each indicates whether it has message information or fishing line information. Included with the codes is the phonetic alphabet and cardinal numbers (0-9) used within the system. Also, there is an explanation of how the letters and num-

bers should sound when spoken. The codes are kept simple so that they can be read and understood when pronounced properly.

Copies of the first draft of the code system were sent to the Japanese Fisheries Association and certain U.S. longline skippers for their study and comments. The response was favorable and gratifying in that they are planning to test the system for its effectiveness during the bluefin tuna season next year.

The Japanese Fisheries Association returned a copy of the original draft with several additional suggested codes to further assist in resolving conflicts. Also, under each code symbol it supplied Japanese translations along with verbal pronunciation and meaning.

C. Peter Marini, Communication Management Specialist (LED), remarks that although changes may be necessary to make the system totally effective, this is the first step toward resolving this particular communications problem.

## Arks Nip Corps 12-11

Deputy Administrator James P. "Bud" "Babe" Walsh slashed a home run to lead the downtown NOAA ARKS softball team to a 12-11 extra-inning victory over the NOAA Corps team in the 1st Annual NOAA Washington Metropolitan Area Softball Championship. Playing on a field in the shadow of the Lincoln Memorial, the game was a hard-fought contest. ARKS' Coach Paul Friday, in accepting the trophy presented by N.C. Director Admiral Harley Nygren, said "It was a great game between two great teams. They were among the toughest opponents we've faced this year."

The ARKS scored one run in each of the first four innings to mount a 4-2 lead that held until the top of the 6th, when the CORPS exploded for 7 runs to take a 9-4 lead. Led by Bud "Babe" Walsh's 2-run home run, the ARKS rallied for four runs in the bottom of the 6th. The Corps could not hold its 9-8 lead. In the bottom of the 7th, the last inning of regulation play, the ARKS scored one run after two outs, tying the game at 9-9 and forcing it into extra innings. The Corps scored two runs in the top of the ninth, and victory again appeared to be within its grasp. The first two batters for the ARKS in the bottom of the ninth were thrown out. With two outs, the ARKS scored three runs and achieved a hard-fought, 12-11 victory over the Corps. In presenting the trophy to the ARKS, Admiral Nygren observed that while the official NOAA Corps team was beaten, even the ARKS had one NOAA Corps officer playing for them. Lt. Mike Kretsch, the ARKS regular left-fielder, caught many of the towering blasts hit by Lt. Cdr. Don Suloff of the Corps team.

Walsh's home run was typical of his performance for the ARKS. He joined the team late in the season but was instrumental in several games which enabled the

ARKS (15-7) to obtain a playoff berth in the D.C. Recreation Leagues. Many opponents were surprised by Walsh's blazing speed on the basepaths. In the drive for the playoffs, the former collegiate hurdler stretched several hits into home runs. For his exploits, Walsh was voted "Player of the Month" by the team and was presented a certificate and autographed softball. Walsh said he "looked forward to playing the entire season next year with the ARKS" and was "confident the young, exciting team would do even better next year". He categorically denied that he intends to make his prediction come true by giving the office of Congressional Affairs extra ceiling points so Coach Friday, who works in CA, can recruit a left-handed power hitter during the off season.

- By a NOAA News Special Sports Correspondent

## IADS Aids Distribution

The National Ocean Survey's Integrated Automated Distribution System (IADS) became fully operative last month in Riverdale, Md.

Developed to support the operational and management functions of the NOS Distribution Division of the Office of Aeronautical Charting and Cartography, the IADS Program consists of a set of subsystems, or modules, some of which are implemented by computer equipment while others are implemented manually. It will assist the Distribution Division in a variety of data processing tasks that include:

- receiving, storing and shipping charts, maps and related documents;
- processing one-time and subscription orders

(Continued on p. 8)

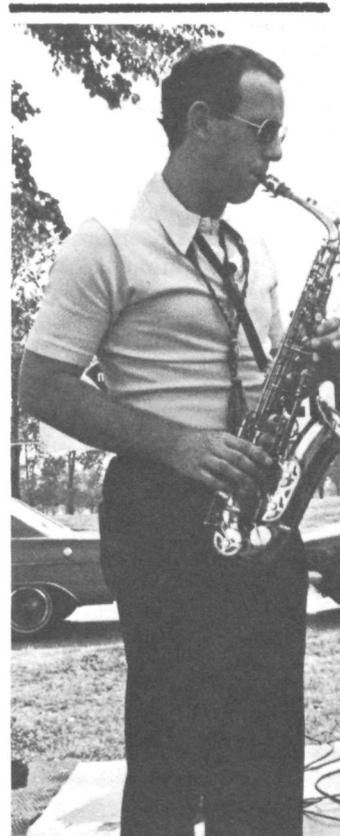
# NOAA Throws A Family Picnic To



Above, NOAA employee Wendy Wiesenthal (left), and her parents. Below, mimes take a surprise dip in the reflecting pool.



Above, Deputy Administrator James P. Walsh assists with balloon. Right, Stefan Monica hits a *NOAA Note*. Below, the *Truncationaires* Double Men's Quartet harmonize.



# Celebrate Its 10th Anniversary



Left, kids explore the face of a mime. Above, the U.S. Navy Band performs on the steps of the Lincoln Memorial. Right, a mime peers over a bouquet of balloons. Below, the White Dwarf band entertains the crowd with disco sounds. Below left, square dancers go through their steps.



**PERSONNEL  
PERSPECTIVE**

**Leave Scheduling**

The 1980 leave year ends on January 10, 1981 for all employees except vessel employees whose leave year ends on December 31, 1980. If not used prior to the end of the leave year, employees will forfeit all leave in excess of their ceiling. Only that leave accrued up to their ceiling may be carried over into the next leave year.

A concerted effort by employees, supervisors and managers must be made to assure that leave forfeiture is avoided. All leave that would be subject to forfeiture at the end of the 1980 leave year must be scheduled in writing by November 1, 1980. Leave in the following categories is subject to forfeiture if not used:

- Leave in excess of the employee's personal ceiling.
- Leave restored in 1978.

Guidelines at Chapter 12 of the NOAA Personnel Handbook and Chapter 10 of the NOAA Personnel Handbook for Vessel Employees will answer many of your questions. Your servicing personnel office is also available to provide assistance.

Annual leave forfeiture does not apply to members serving in the Senior Executive Service.

**Political Activity**

In this election year of 1980, NOAA employees should be keenly aware of restrictions on political activities imposed upon them and other Federal employees by the Hatch Act. From time to time, questions arise concerning these restrictions. The answers to most questions may be found in Chapter 16 of the NOAA Personnel Handbook or Chapter 22 of the NOAA Personnel Handbook for Vessel Employees; and in memoranda issued to

all employees in the past by the Office of the Administrator and the Office of General Counsel. Additional information may be provided by servicing personnel offices or the Office of General Counsel, NOAA. This article highlights some of the principal "do's" and "don't's" for employee guidance.

Full-time and part-time permanent and temporary Federal employees in both the competitive and excepted service are subject to the restrictions of the Hatch Act. Persons employed on an intermittent or occasional basis are subject to the restrictions only for the 24 hours of the day of actual employment. Coverage by the Hatch Act continues while employees are on annual leave, sick leave, leave without pay, administrative leave, or furlough.

Notable exemptions from coverage of the Hatch Act are Presidential appointees subject to Senate confirmation and public members of Regional Fishery Management Councils as well as

Council employees appointed by these members.

In general, Federal employees may:

- Register and vote as they choose in any election.
- Express opinions on political subjects and candidates.
- Make voluntary contributions to any political organization.
- Display stickers, badges, buttons or political pictures as individual citizens.
- Participate in nonpartisan activities of a civic, community, social, labor or professional organization or of a similar organization.
- Sign a political petition as an individual citizen.
- Take an active part, as a candidate or in support of a candidate, in a nonpartisan election.
- Attend political rallies, fund raising functions or other political gatherings.

In general, a Federal employee may not:

- Serve as an officer of a

political party; a member of a National, State or local committee of a political party; as an officer or member of a committee of a partisan political club; or be a candidate for any of these positions.

- Organize or reorganize a political party organization or political club.
- Take an active part in managing the political campaign of a candidate for public office in a partisan election.
- Be a candidate for, or campaign for, an elective public office in a partisan election.
- Transport voters to the polls on behalf of a political party or a candidate in the partisan election.
- Initiate or circulate a partisan nominating petition.
- Endorse or oppose a candidate for public office in a partisan election, or a candidate for political party office in a political advertise-

*(Continued on p. 8)*

**CURRENT  
NOAA  
VACANCIES**

Announcement Number	Position	Grade	Organization	Location	Issue Date	Closing Date
EDIS-80-322NT	Supervisory Geophysicist (May be filled at GS-13) Full-Time Permanent Competitive Service	GS-14	EDIS	Boulder, CO	9/29	10/24
NOAA/SER 80-50	Fishery Reporting Specialist (Position may be filled at GS-7, 5 or 4)	GS-9	NMFS	Port Isabel, TX	9/24	10/24
EDIS 80-32INT	Supervisory Physicist Full-Time Permanent Competitive Service	GS-15	EDIS	Boulder, CO	9/29	10/24
ERL 80-338VP	Supervisory Computer Specialist (Chief, ERL Computer Services Division) Full-Time Competitive Service	GS-14	ERL	Boulder, CO	9/29	11/10
NOAA/NOS	Deputy Director, Office of Ocean Technology & Engineering Servs.	ES-1301	NOS	Rockville, MD	9/30	11/17
NOAA/NOS	Director, Office of Ocean Tech. & Eng. Services	ES-1301	NOS	Rockville, MD	9/30	11/17
NOAA/NOS	Director, Plans & Programs Office	ES-1301	NOS	Rockville, MD	9/30	11/17



Jerry A. Leslie

Jerry A. Leslie was appointed OIC of WSO, Lander, WY on March 9. Jerry came to Lander in January, 1979. He began his NWS service back at San Francisco in the Pacific Weather Project as a Shipboard Upper Air Specialist in May, 1962. He later transferred to Lander, Missoula and back to Lander. Jerry's career in weather began as an Aerographer's Mate in the Navy in 1956 where he served 4 years.

\* \* \*



Davidson (L), Houlder (R)

Oren Davidson of the Administration Division, Atlantic Marine Center, Norfolk, Va., was selected as AMC Employee of the Year. The award was presented at the AMC Picnic. Mrs. Davidson was present for the ceremony and received a dozen roses from Davidson. Davidson received a certificate from R. Adm. Richard H. Houlder, Director of AMC, and a benchmark was placed in front of AMC headquarters with Davidson's name on it.

Mr. Joseph D. D'Onofrio, Chief, Plans and Resources Staff of the National Geodetic Survey has been accepted for the Intergovernmental Affairs Fellowship (IGAF) program which is coordinated by the Office of Personnel Management. Mr. D'Onofrio will be assigned to the State of New York Department of Transportation where he will be involved with the interrelationship of their photogrammetric, surveying and cartographic operations with those of the National Geodetic Survey.

His assignment will be from September 22, 1980 through December 10, 1980.

\* \* \*



John F. Borgia

John F. Borgia has been on duty as OIC at WSO, La Crosse, WI, since the beginning of the year. Selected from Rochester, MN where he served since July, 1976, John has also worked at Wilmington, DE and Philadelphia where he began his NWS service as a Met. Tech./Forecaster Aid in December, 1970. John started his career in weather in the U.S. Navy where he served 12 years.

\* \* \*

**CORRECTION**

In the September 8 issue of NOAA News, it was erroneously reported that 23,000 delegates attended the U.N. World Conference on Women in Copenhagen, Denmark. The actual figure was 2,300.

**Donations Collected For CFC**

(Continued from p. 1)

appropriate groups of agencies for distribution to specified organizations.

Undesignated funds will be allocated among the agency groups according to each group's average share over the past five years.

NOAA CFC Vice-Chairman Allen Thomas said the payroll deduction method of giving is being stressed this year as a convenient and effective way of supporting the vital work of these agencies.

"Last year," Thomas said, "more than half of all contributors used the payroll deduction method and their gifts amounted to more than 80% of the total raised. It's an easy way to let your pledge go on working all year," he added.

Thomas also noted that the average payroll deduction gift for 1980 was under \$3.00 per pay period. He said that volunteer CFC Coordinators are working in each NOAA Main Line Component and that these people will rely on volunteer CFC Keyworkers to contact individual employees.

The NOAA CFC drive will run through October 17.

NOAA will be eligible for Honor and Merit awards based on total participation in the CFC and average amount of donation. The Honor award is given to the agency that achieves 80% participation with an average gift of \$45.00. The Merit Award is earned for 65% participation by an agency and average donation of \$30.00.

"In the 1979 Campaign," NOAA Administrator Frank reported, "NOAA led the Department of Commerce in giving. I am confident that NOAA employees possess the high degree of community spirit and sensitivity to human need that will lead us to be generous in the 1981 Campaign."

Frank reported that the total NOAA contribution last year was \$162,142. This year's goal is \$199,500.

NOAA main-line component coordinators for the 1981 Combined Federal Campaign are:

- Stetson Tinkham - A;
- Robin Waxman - F;
- Boyd Bashore - CZ;
- Loran Weaver - OA;
- Lawrence Hyatt - NESS;
- William Murray - RD;
- Stephen Ballard - MB.

**Last Chance For Tickets**

(Continued from p. 1)

The orchestras, which will alternate during the evening, are "Sentimental Journey", a big band sound from Baltimore, and "The White Dwarf", popular jazz group from Washington.

Tickets at \$12.50 per person are now on sale through NOAA offices or may be purchased using the order form below. Ticket sales end October 8. Space is limited.

Yes, I want to be there for the NOAA Tenth Anniversary party at the *Researcher* on Saturday, October 11, 1980. (6:00 to midnight)

Enclosed is my check for \_\_\_\_\_ tickets at \$12.50 each (one ticket per person). Please send my tickets to:

(PLEASE PRINT)

(Name) \_\_\_\_\_

(Street or box no.) \_\_\_\_\_

(City) \_\_\_\_\_

Make checks payable to "RESEARCH EVENT" and mail to: Lee Weiner, NOAA/PA, Room 108, 11400 Rockville Pike, Rockville, MD 20852.

GET YOUR TICKET NOW.

**FROM THE GALLEY**

**CRISPY COCONUT**

**FRIED FILLETS**



2 pounds sole fillets/or other thin fish fillets, fresh or frozen  
 3/4 cup fine corn flake crumbs  
 3/4 cup finely chopped flaked coconut  
 1 egg, beaten  
 1 tablespoon water

1 teaspoon salt  
 Fat for frying  
 Lemon Butter Sauce (recipe follows)  
 Summer fruits for garnishing (orange wedges, melon chunks or grapes)

Thaw fillets, if frozen. Combine crumbs and coconut; mix well. Beat together egg, water and salt. Dip fillets into egg mixture, drain and coat evenly with crumb mixture. Fry in single layers in large frying pan over moderate heat 5 minutes. Turn carefully. Fry second side 5 minutes longer or until fish flakes easily when tested with a fork. Serve with sauce. Garnish with summer fruits. Makes 6 servings.

**LEMON BUTTER SAUCE**

1/2 cup butter or margarine  
 3 tablespoons lemon juice  
 2 tablespoons chopped parsley  
 1-1/2 teaspoons sugar  
 1/8 teaspoon pepper

Melt butter or margarine. Add remaining ingredients. Place over low heat and warm sauce. Serve over fish. Makes about 3/4 cup sauce.

**Restrictions On Political Activity**

*(Continued from p. 6)*

ment, a broadcast, campaign, literature, or similar material.

- Act as a recorder, watcher, challenger, or similar officer at the polls in behalf of a political party or candi-

date in a partisan election.

- Solicit, receive, collect, handle, disburse, or account for assessments, contributions, or other funds for partisan political purposes.



Harold J. Kelly (right) explains the IADS equipment during a recent demonstration at the NOS Distribution Division computer terminal room, Riverdale, Md., to R. Adm. H. R. Lippold (center) and Walter Chappas (left), Associate Director of the NOS office of Aeronautical Charting and Cartography.

**IADS Aids NOS' Distribution**

*(Continued from p. 3)*

- from agents, other agencies and the general public;
- collecting, receiving and depositing payments from agents and general public;
- publicizing the products and services that are available from the Division;
- maintaining and monitoring financial, inventory or records and preparing internal and external printed reports as a product of these activities; and
- performing operational management activities including support services.

**NOAA news**

Published biweekly at Rockville, Md., by the National Oceanic and Atmospheric Administration, **Richard A. Frank**, Administrator; produced by the NOAA Office of Public Affairs, **Albert Mark**, Director; **Robert L. Buchanan**, **Charles G. Thomas** and **Philip P. McGeoghan**, Editorial Board; **Heidi Daniel** and **Lucinda Thorpe**, Assistant Editors.

The publication provides information for employees of NOAA, an agency of the U.S. Department of Commerce.

Articles for publication should be submitted at least ten work days in advance to **NOAA News, NOAA Office of Public Affairs, Room 108, Rock-Wall Building, Rockville, Md. 20852.**

NOAA News reserves the right to make changes in submitted copy in conformity with the policies of the publication and of NOAA.

**U.S. DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
 NOAA CENTRAL DISTRIBUTION UNIT (MB/A 0354)  
 12227 Wilkins Avenue  
 Rockville, Maryland 20852

THIRD-CLASS MAIL  
 POSTAGE & FEES PAID  
 NOAA  
 PERMIT NO. G-19

OFFICIAL BUSINESS

# **National Oceanic and Atmospheric Administration**

## **ERRATA NOTICE**

One or more conditions of the original document may affect the quality of the image, such as:

Discolored pages

Faded or light ink

Binding intrudes into the text

This has been a co-operative project between the NOAA Central Library and the Climate Database Modernization Program, National Climate Data Center (NCDC). To view the original document, please contact the NOAA Central Library in Silver Spring, MD at (301) 713-2607 x124 or [Library.Reference@noaa.gov](mailto:Library.Reference@noaa.gov)

HOV Services  
Imaging Contractor  
12200 Kiln Court  
Beltsville, MD 20704-1387  
July 23, 2010