

## Bird rescuers call Code 2662

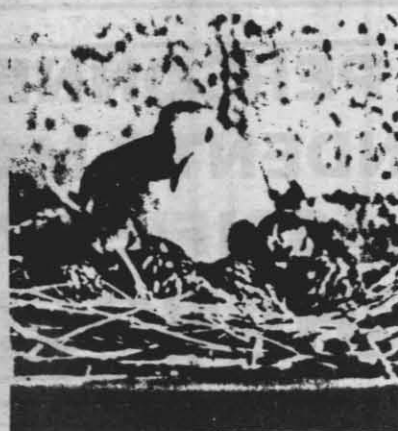
Each year, during the months of February through late July, the Center's wildlife biologists receive numerous reports about abandoned baby birds. Many times, the bird has not been abandoned by its parents, it has merely tried to leave the nest. Remember, birds have to learn how to fly.

California Department of Fish and Game requests people finding a baby bird to leave it alone. However, if a bird is found and is in danger of its life, it is permissible to move it to either a tree or shrub, where it will be safe.

If a bird is sick or injured, please contact the Ridgecrest Animal Control, the local California Department of Fish and Game warden or the Environmental Resources Management Branch, and they will take the necessary action. Sick or injured birds are taken to local veterinarians for medical care and later released back into the wild.

The Environmental Resources Management Branch reminds NWC employees it is unlawful to take, possess or needlessly destroy the nest, eggs or young of any bird species, without a special permit. Out of more than 270 different kinds of birds found on Center, the only unprotected birds are exotic pest species, such as pigeons.

Anyone having any wild bird questions or problems may call the wildlife biologists in the Environmental Resources Management Branch (Code 2662) at NWC ext. 3411, ext. 382 or 550.



Mourning Dove on nest at TID

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June 22, 1990

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**Weather Report**

	Max	Min	Peak Gusts
Thurs.	78	52	27
Fri.	82	49	21
Sat.	90	53	6
Sun.	91	58	22
Mon.	93	64	27
Tues.	99	56	18
Wed.	104	60	14

### Capt. Dropp ends Navy career today

This morning (Friday) the active-duty Navy career of Capt. Robert Dropp ends with a formal retirement ceremony on the NWC Headquarters front lawn.

A 1960 graduate of the U.S. Naval Academy, Capt. Dropp has been at NWC since July of 1986, when he reported as the Director of Supply. Since October of 1988 he has been the Center's deputy commander for military support and operations and commanding officer of enlisted personnel.

### Heritage Week Run t-shirts available

American Heritage Week 5K T-shirts are here. Participants who registered late or on race day can pick up their shirts from Sherri at the Human Resources Department, Bldg. 2335, Rm. 109. For more information call NWC ext. 2736.

### Turn right without stop on Trona Road

Motorists who do not understand the traffic pattern at the intersection of Richmond Road and Trona Road are creating a bottleneck for people turning right (west) onto Trona Road from Richmond Road after exiting NWC's "back" gate.

The Naval Weapons Center's Traffic Safety Committee notes too many motorists still stop before turning right. The right turn lane is a continuous turn lane, there is no need to stop before entering Trona Road, westbound.

# NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLV, No. 25, June 22, 1990

## Fellows extolled for contributions

Joe Mosko earns 'distinguished' recognition; five more get 'senior' honors

China Lake's reputation as a great place to work was upheld last Friday at the second annual Naval Weapons Center Fellow Awards presentation. Thirty-three Fellows, five Senior Fellows and one Distinguished Fellow were selected for the recognition after being nominated by their peers.

Again this year, only one person earned the title of Distinguished Fellow. Joseph A. Mosko, microwave component design specialist in the Attack Weapons Department (Code 35), was honored for his achievements in applied and computational electromagnetics: broadband radioators, direction finding systems and stripline circuit analysis and design.

The NWC Fellows Program, established in June 1988, honors those individuals, be they scientists, engineers, mathematicians, or other technologists, with formal peer recognition for their continued and outstanding contributions to the technical success of NWC.

To be recognized as a Fellow, a person must be recognized as a leading expert in his or her field and will have made identifiable technical contributions critical to the success of NWC programs. Patent and/or publication activity and recognition of capability by the technical community outside of NWC is typical.

A Senior Fellow will have clearly extended the state of the art in his or her field and made sustained, wide-ranging and crucial contributions to NWC programs. Patent and/or publication activity and recognition by the technical community outside of NWC is expected.

Pioneering developments in one or more technical fields of direct benefit to NWC constitutes the making of a Distinguished Fellow. In addition, he or she will be a nationally or internationally recognized expert with significant patent and publication activity.

The selection process begins with nomination by an NWC employee and approval by a department technical staff selection committee which submits nominations to the NWC Fellow Selection Committee. Surviving nominations are sent to the technical director for comment, and finally inducted by majority vote by all fellows.

As each Fellow was named at last week's assembly, Bill Porter, NWC technical director, gave a brief synopsis of his accomplishments before presenting the two-tiered black lucite plaque inscribed with the program's logo, the Fellow's name and citation.

The lone 1990 Distinguished Fellow, Mosko has been with NWC since 1959. He has received numerous patents and awards including the Hack Wilson award, two William B. McLean awards and a Michelson award. At the podium, Mosko expressed the sentiment so prevalent in other's comments (Continued on Page 10)

## Retirement:

Meritorious Service Award after 30-plus years for Johanboeke

After more than 34 years as an engineer at the Naval Ordnance Test Station and Naval Weapons Center, Roy B. Johanboeke ended his China Lake career early this month. When he left the Navy's employment he took with him, the highest civilian award the Center commander can bestow; the Navy Meritorious Civilian Service Award.

Captain Douglas W. Cook, NWC Commander, presented the award to Johanboeke. The citation to accompany the award reads in part, "Under his leadership, over 200 Trident and Polaris firings have been successfully and safely conducted at the Skytop complex."

The citation also notes Johanboeke will leave the Naval Weapons Center "a legacy of superb technical and managerial accomplishments."

Nominated by Dick Boyd, head of the Range Department, Johanboeke headed the Ballistics Test Branch in the department's Ordnance Test and Evaluation Division. The branch is responsible for engineering and operation of the Skytop test complex for (Continued on Page 6)



FLAG DAY--Sgt. Chris Bebee and Sgt. Albert Lea had the honor of being the first Marines to raise the American Flag over a U.S. Marine Corps command on board the Naval Weapons Center in more than 20 years. The occasion, appropriately enough, was on Flag Day last week. The new flag pole was installed just in time for members of the China Lake Marine Aviation Detachment to fly the flag in celebration of Flag Day.

Photo by PHAN Cary Brady



## China Lake Calendar

### Today

...Capt. Robert Dropp's retirement ceremony, Headquarters Building front lawn, 8:30 a.m.

### Thurs., June 28

...Family Night at the O'Club, barbeque and swimming from 6-8 p.m.

### Fri., June 29

...Cdr. Steve Nyland retires

### Tues., July 3

...Safe Screen mobile mammography unit at Michelson Lab Parking Lot, 9:30 a.m. to 5:30 p.m.

Items of interest to the China Lake population may be placed in the CHINA LAKE CALENDAR by calling the NWC Rocketeer at NWC ext. 3354 before 11:30 a.m. on Tuesday before Friday's publication.



Admiral Carlisle Trost

## Retiring CNO stresses strong maritime posture

(Editor's Note: The following article is excerpted from a recent interview given by Adm. Trost as he prepares to conclude his Navy career next Friday.)

Washington, D.C.--Chief of Naval Operations Adm. Carlisle Trost says despite dynamic changes in the world's political situation, our country's maritime

strategy remains current. "The basic tenets haven't changed: Our dependence on forward-deployed forces to maintain regional stability and our dependence on forward-deployed forces to react promptly in the event of a threat to our national interests," he said.

Adm. Trost noted a strong maritime

posture is essential for the U.S. "The U.S. is heavily dependent on imports of fuel and strategic minerals from overseas, and it needs free access to overseas' markets for our trade goods and agricultural products. All this demands the capability to project our own economic and political interests overseas, as well as to protect the

interests of our friends and allies. This translates into a strong, forward deployed Navy and Marine Corps," the CNO said.

In a recent media interview, the CNO pointed out that while the Soviet Union has posed the principal threat to U.S. and allied national security, it clearly could not (Continued on Page 9)

## Wellness Corner

Following are people who have been awarded by their supervisors and/or peers for demonstrating healthy lifestyles or lifestyle changes. The Awards Program was initiated by the Wellness Program Office in March and functions at branch and division levels. Wellness certificates and logo pins are available in every department (head of staff). Wellness Report Forms (available at Telmart) are sent to Code 2243.

**Department 22** -- Bill Bethke, Dan Burnett, Mike Clemis, Sue Howser, Evelyn McMurdo and Richard Titi.

**Department 23** -- David Adkins, Hose Delaluz, Timothy Ditton, Joan Gage, Joan Gaska, Rodney Giles, Wilbur Graves, David Jenkins, Chris Kateley, Maureen Kusnierek, Jodie Manley, Timothy Roberts, Theodore St. James, Sean Stratton, Gregory Taylor, Aiko White and Terryll Zade.

**Department 24** -- Mike Benson, Don Cortichia, Bill Deem, Monte Mackey, Judy McVay, Phil Mieszalz, Lee O'Laughlin, Cheryl Polley and Becky Souza.

**Department 25** -- Jeanne Angle, Pam Bayburt, Becky Bechtel, Lori Cracraft, Yvonne Crist, Nancy Gilkinson, Jackie Harrison, Caren Lemonnier, Ruth Maggs, Winnie Nelson, Barbara Peterson, Linda Phillips, Kathy Rindt, Diane Ross, Carol Schwartz, Mary Sue Snyder, Marsha St. Louis, Linda Watkins and Judy Zessin.

**Department 26** -- Patti Andreasen, John Ayers, Barbara Barthle, Judy Carson, Carol Coleman, Donna Gonder, Wilma Johnson, Barry Kenady, Phyllis McKinney, Sammy Miller, Adel Nepomuceno, Vel Orrell, Tim Silberberg, Doug Tunison and Kay Williams.

**Department 28** -- Greg Bond, Laura Brice-Foster, Helen Cheek, Linda Collins, Paul Copeland, Marcia Crabtree, Cathy Croswait, Isaac Duran, Kim Etoch, Ann Featherstun, Tom Gerrard, Ethel Herrera, Nancy Hodge, Marti Hoppus, Billie Jones, Dorothy Kennedy, Sue Krist, Debbie Lane, Marilyn Lane, Pat Lightfoot, Jerry Macy, Carol Miles, Kathleen Muhlhausen, Katrina Nason, Judi Newton, Pam Oelrich, Carolyn Riise and Memory Walters.

**Department 31** -- Werner Hueber, Claire Pesce, Victor Saucedo, Wayne Tanaka, Norma Zimmermann.

**Department 32** -- Al Avery, Terry Belisle, David Bell, Skip Bennett, Joe Bickley, Duane Blue, Rick Booth, Sandy Brown, Jim Bryant, Marcia Burnett, Nancy Carey, Beau Cherry, Mike Coraggio, Rilla Cordle, Paul Cowan, Jerilee DeGeus, Susan Demay, Phil Dixon, Merrill Ehrmentrout, Peggy Flagg, John Gamel, Carol Geiger, Norm Gilbert, John Gilliland, George Grace, Rosemary Hoffer, Elaine Hooper, Bob Jarrett, Shari Keyes, Kathy Learman, Ron Leiser, John Mackay, Larry Martin, Maryanne Millis, Gary Miner, Sam Moore, Cheryl Mosley, Bud Oldroyd, Mike Osburn, Anita Paiz, Nolan Paulson, John Robbins, Judy Schoepflin, Pam Sherretz, Antonella Thompson, Diane Tilley, Lucia Varnhagen, Tony Walls, Jim Weeks, Cecil Wiles and Eric Wooding.

**Department 34** -- Betty Adams, Pat Gaunt, Susan Hennigan, Cliff Lawson, Bob Reber, Renee Simpson and Becky Sorge.

**Department 35** -- Lahoma Boyd, Annie Chandler, Jim Fuller, Jim Harinek, Dale Manus, Denny Miller, Ann Ruff and Lynne Williams.

**Department 36** -- Robin Barnes, Richard Barr, Ruth Barr, Mike Broaker, Wayne Burnett, Jim Carter, Vern Daley, Jeff Dalton, Tim Dawson, Jack Dragovich, Richard Ehlers, Chuck Frederickson, Doug Hinkley, Leonard Holmes, Al Jacob, Jerry Kersten, Don King, Harry Krabbe, Joe Lelis, Bill Marcus, M. S. Moroz, Gene Myers, Paul Ottaviani, Walter Overstreet, Mike Pruitt, Alan Reddeman, Loren Salters, Robert Seberger, Floyd Shoaf, Tony Shultz, Gary Simpson, William Soulek, Bob Steele, Jerri Stratton and Don Vaughn.

**Department 38** -- Thomas Stephens.

**Department 39** -- John Crecelius.

**Department 61** -- Richard Bauers, Keith Becker, Ann Ellen Doty, Corothy Johnson, Dwayne Lloyd, Frances Simpson, Ed Stokely and Thomas Wise.

**Department 62** -- John Benckendorf, Steven Blanche, Timothy Castleberry, Fran De Rosa, Isaia Duque, Jerry Halpin, Regina Hibbs, Douglas King, Keith Manley, Clifton Minshew, Raymond Roncase, Coral Sawyer, Gary Schmidt, David Sorensen, Lyle Stanley, Claudia Thies and Susan Witt.

**Department 64** -- Kathi Castillo, Russell Fielder, Leo Grosbier and Pamela Tillery.



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LOST & FOUND.....5	AUTOMOTIVE.....35
HAPPY ADS.....10	MISC. FOR SALE.....40
HELP WANTED.....15	GARAGE SALES.....45
RENTALS.....20	PETS & SUPPLIES.....50
BUSINESS.....25	REAL ESTATE.....55

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### 40 MISC. FOR SALE

BASEBALL CARDS - I am selling my entire collection. Available are star & rookie cards, complete sets and boxes of unopened wax packs from 88-89-90. All prices below price guide listing. 446-6769

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Filter Queen vacuum with power beater, \$50; Large cage, 2'x2'x6', galvanized wire (1/2" sq.), great shape, \$35; several 78rpm records, make reasonable offer; 2 boys 20' bikes, \$20 each. 446-4751.

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## Community Events

**Brighton Beach Memoirs**, Neil Simon's popular comedy-drama of American Family life, plays final performances tonight and tomorrow (Friday and Saturday) evening at the Burroughs Lecture Center. Curtain time is 7:30 p.m., with tickets \$8 for general admission and \$5 for active-duty military, students and senior citizens. In addition to Ridgecrest Cleaners, the Art Buffet, Farris' Italian Gardens, the Music Man and Richer's Digital Audio, tickets can be purchased at the Burroughs' box office prior to the performance.

Customers who shop at the Third Annual CTA White Elephant Sale on Saturday (tomorrow) will help the High Desert Child Abuse Prevention Council. All profits from the sale will go to HDCAPC this year. The sale, in the CTA parking lot off Drummond Ave. goes from 7:30 a.m. to 1 p.m. Toys, games, crafts, furniture and jewelry are just a few of the things on sale Saturday.

Inyokern Airport's third Fun Day of 1990 is set

for tomorrow, June 23. Aircraft competitions, including flour bombing, balloon popping and spot landings are scheduled. Competition gets underway at 9 a.m. Admission, as well as parking is free. The public is invited to participate in the fun of Fun Day.

On Wednesday, June 27, the Single Parents Support Group will meet at 7:45 a.m. at the Branch Medical Clinic's Conference Room. Rolls and juice will be provided. For more information, contact LCdr. M. A. Kusnierek at NWC ext. 2911.

**Images of Little Petroglyph Canyon**, a mixed media exhibit, will be seen in the Maturango Museum Sylvia Winslow Exhibition Gallery through July 10. This display of artwork is the resulting efforts of seven local artists who participated in a special petroglyph tour last October. Admission for non-members is \$1 for adults and 50 cents for children. A percentage of the artwork sales will benefit museum programs.

ROBT. SS. 0011.  
June 22, 1990

## Visit Craftech this summer for arts and crafts activities

Numerous activities and classes are being planned for Craftech this summer!

Learn the techniques of fine woodworking. Instructions should start in mid-June. Safety certification is required.

On Wednesdays, Art Camp will explain how to use oils, acrylics and other art mediums. This class will be beneficial to beginners as well as advanced students!

A crocheting class is being offered on Thursdays from 6 to 8 p.m. In addition, Craftech has daytime ceramics and oil painting instruction and classes in t-shirt painting.

Find out more about the many classes being sponsored by Craftech! Call NWC ext. 3252, today!

## SATO Leisure offers convenient travel services at bottom prices

One of the best kept secrets at the Naval Weapons Center is the Leisure Travel SATO office in Bennington Plaza. Leisure Travel, through its contract with NWC's Morale, Welfare and Recreation Division, can arrange for the lowest possible travel fares. Leisure Travel can handle airline, hotel, rental car, Amtrak, cruise and tour arrangements.

When it comes time for vacation, try calling 446-7751 and check on fares and rates. Or, check on military fares, airline specials and SATOVacations cruise discounts.

ROBT. SS. 0011.  
June 22, 1990

## Clinic technician takes two honors

Professional achievement in the superior performance of his duties recently earned a Navy Achievement Medal and selection as the Naval Surface Group Long Beach Sailor of the Quarter Ashore for the first quarter of 1990 for Dental Technician Second Class Rodelio K. Ramos, Branch Dental Clinic, Naval Weapons Center. The petty officer received the two honors recently by the branch's director, LCdr. John F. Martino, who represented Capt. H. J. Stanton, commanding officer, Naval Dental Clinic, Long Beach.

In the letter nominating DT2 Ramos for the Navy Achievement Medal, LCdr. Martino noted Petty Officer Ramos has been acting as the sole prosthetic lab technician for the Branch Dental Clinic from July 21, 1988 through March 31, 1990. "Throughout this period," he said, "DT2 Ramos consistently displayed exceptional qualities of resourcefulness, dedication to accomplishment and meticulous attention to detail."

The prosthetic lab technician was credited with delivering high quality prosthetic appliances services, virtually eliminating the need for making corrections, minimizing patient discomfort and maximizing doctor productivity. In addition, he developed an accurate and easily understood method of tracking and monitoring supplies, volunteered numerous off duty hours to assist Naval Reservists with their dental records, computerized minor property and hand piece inventory and utilized his professional technical expertise to optimum levels by providing hands-on training to other technicians and students on lab procedures and radiographic techniques.

LCdr. Martino also noted DT2 Ramos had utilized off duty hours to do touch up painting and cleaning maintenance which exceeded the normal requirements, thereby creating a clean environment enjoyable to the patients and staff.

The letter, signed by Capt. Stanton, which accompanied the award said, "His diligent efforts and resourcefulness inspired all who observed him and contributed significantly to the accomplishment of the Naval Dental Clinic mission. Petty Officer Ramos's exceptional professional, initiative and loyal dedication to duty reflect great credit upon himself, the Dental Corps and were in keeping with the highest traditions of the United States Naval Service."

In nominating the dental technician as the Naval Surface Group Long Beach Sailor of the Quarter Ashore, LCdr. Martino reiterated the above mentioned traits and concluded, "Petty Officer Ramos is a top performer, regardless where assigned. His outstanding dedication and support of the Dental Clinic and the mission of the U.S. Navy has directly contributed to quality patient care, the smooth operation of this clinic, the physical fitness of the clinic staff and the outstanding appearance of the Branch Dental Clinic, China Lake. He has exhibited leadership and managerial skills beyond what is normally expected."

In addition to a letter of commendation written by Capt. Stanton, DT2 Ramos received a citation from RAdm. Alvar Gomez, Commander, Naval Surface Group Long Beach, which commended the dental technician "for his superior professionalism, perseverance and total devotion to duty. . . This selection reflects great credit upon Petty Officer Ramos and is in keeping with the highest traditions of the United States Naval Service. Well Done!"

## Will the real Cdr. Philip Souza please stand up?

Would you believe Cdr. Philip E. Souza flew with Lt. Jack Armitage off the U.S.S. Hornet (CV-8) in World War II?

Well he did, only it wasn't Cdr. Philip E. Souza II, NWC's Airfield Operations Officer, it was his father, Cdr. Philip E. Souza. The elder Cdr. Souza flew in one of the Hornet's fighter squadrons, while Lt. Armitage was in a torpedo squadron.

During a recent visit with his son at China Lake, Cdr. Souza (the elder one that is) noted his son now lives at the intersection of Lexington and Enterprise, an interesting facet since the now retired Cdr. Souza flew off both these carriers during his Navy flying career.



**PLAQUE FOR DENTAL TECHNICIAN--DT2 Rodelio K. Ramos** was honored recently with a Navy Achievement Medal and selection as the Naval Surface Group Long Beach Sailor of the Quarter Ashore. LCdr. John F. Martino (right), director, Branch Dental Clinic, NWC, congratulates DT2 Ramos as he gives him the plaque for Sailor of the Quarter.

## Delta Dental continues dependent plan

Under a contract award made recently, the uniformed services' three-year-old Active Duty Dependents Dental Plan will continue to be operated by Delta Dental Plan of California.

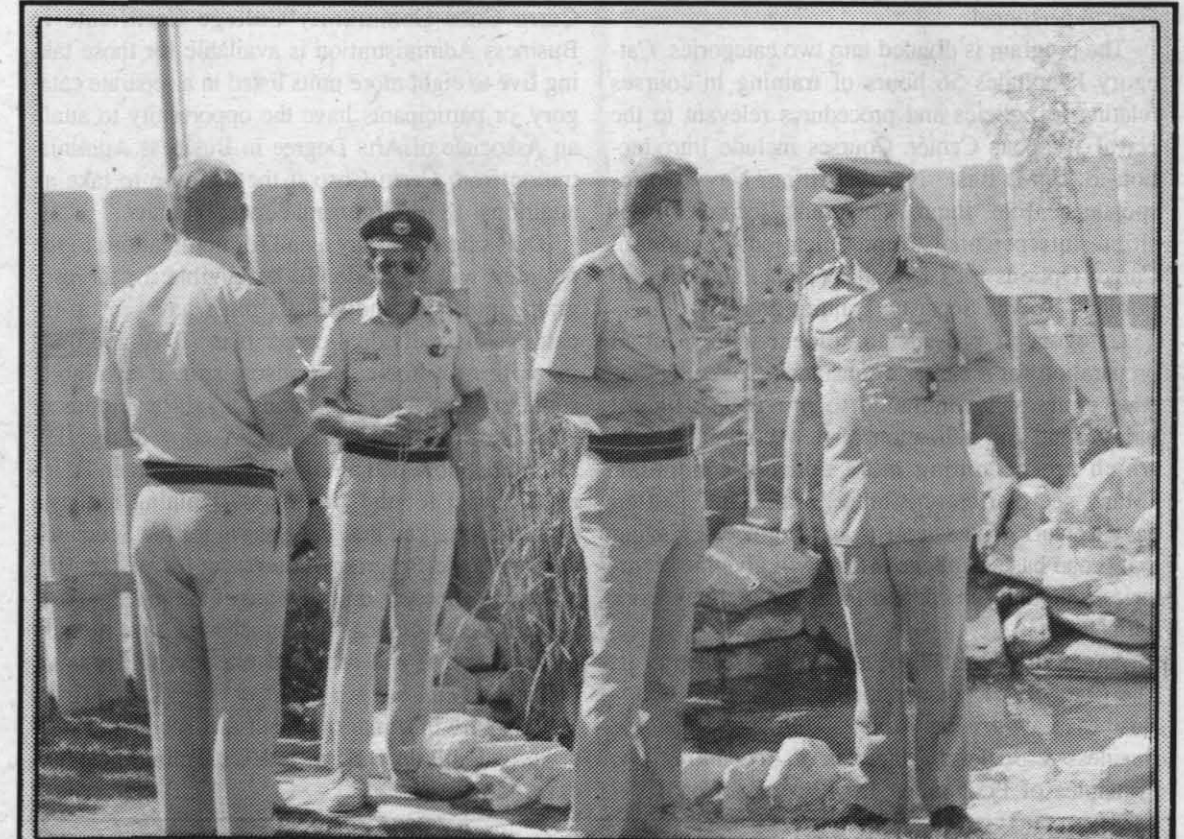
The new \$140.1 million contract begins Aug. 1 and runs for one year, with four additional one-year options.

The Active Duty Dependents Dental Plan is a voluntary program under which sponsors of enrolled families pay a small monthly premium by payroll deduction; their enrolled family members may then receive certain basic preventive, diagnostic and restorative services. Covered diagnostic and preventive services are fully paid; the plan shares 80 percent of the cost of a variety of restorative and repair services.

Under the new contract, several benefits will be added or improved, beginning Aug. 1. All current benefits under the plan will be continued.

Active-duty members of all seven uniformed services may enroll their dependents in the plan at their installation's personnel office. Once enrolled, family members stay in the program for minimum of two years, unless the family moves to a base where the local military treatment facility offers dental care to dependents, or unless the enrolled family members become entitled to other dental coverage, or are transferred overseas.

For more information about this plan contact the Health Benefits Advisor at the nearest military medical facility or call the contractor at (916) 381-9368.



**AN ENGLISH GARDEN--When Great Britain's Vice Chief, Defence Staff, Ministry of Defence** visited the Royal Air Force's 32 Joint Trials Unit at China Lake last week, he was briefed on the ALARM program and he dedicated the unit's new garden. Gen. Sir Richard Vincent of the Royal Artillery (far right) is the first four star official to visit the Air Launched Anti Radiation Missile (ALARM) facility built in 1986 near NWC's Range Control Center. The garden, a British staple, was a self help project by ALARM project personnel.



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# MIPIs represent best of new ideas at NWC

Twenty-four Naval Weapons Center employees were honored for the Model Installation Program Initiatives (MIPIs) they submitted. Capt. Douglas W. Cook, NWC Commander, praised the group for a willingness to look at better ways of doing business for NWC and the Navy.

The Center commander added, "This is important for the future. . . the best ideas don't come from my office, they come from you." He noted they were close to the problems and had a better grasp of what needed to be done at their level to enhance the quality of service and performance at NWC.

The individuals saluted and their MIPIs include:

Sean Keck, Code 3153 who suggested making an online version of the Official Airline Guide available to travel planners.

The Travel Branch is working toward implementation.

Gerald R. Stein, Code 2602, Catherine O'Connell, Code 3114 and Jeff Knutson, Code 2837 all submitted MIPIs changing time reporting periods from one week to two week. This idea is included in NWC's Payroll Study.



Ronald Cohn, Code 35B6 and Ron Swor, Code 6231, suggested setting the deadline for time card submission after the

reporting period closes. Payroll Branch hopes to implement this in the near future.

DeWayne Davis, Code 3665 has a MIPI to allow the government to use blanket travel orders to take advantage of lower rental car rates.

Ellen M. Klotz of Code 2523 put in a MIPI, now awaiting NAVSUP approval, to give NWC approval authority for other than full and open competition documents.

NWC approval from a MIPI by Wayne Gunther of Code 3687 would have reimbursed people on extended TAD for baggage shipping by other means than UPS. The U.S. Comptroller General, however, disapproved the idea.

Capt. Cook said he fully supported the MIPI by Ken Sanger of Code 3146 to give codes the options to pool MicroVAXes. The idea will mean savings in system

administration and maintenance.

Thanks to a MIPI from Bonnie Trammell of Code 255, approval for letters on routine contract modification, was delegated to contract specialist, speeding up the process.

Melvin Sliwka, Code 006, was recognized for a MIPI on getting copyright protection for government produced computer software. The idea is under review by the General Accounting Office.

Robert Jensen, Code 3158, submitted a MIPI to allow use of government credit cards to buy software updates.

Odessa Newman-Staples, Code 2835, gained approval of a MIPI to use the U.S. Postal Service to notify leave-share recipients of extensions.

John Riise, Code 26424, suggested (Continued on Page 5)

## Certificate program helps open new educational, employment opportunities for clerical personnel

Educational and job opportunities are opening up for clerical personnel at the Naval Weapons Center. According to Marie Duff, an employee development specialist, NWC Training Center, a certificate program for secretaries has been developed after a year's worth of research and planning. The main purpose of the program is to help train NWC secretaries with an understanding of NWC correspondence policies and procedures. However, noted, Duff, the program opens many doors for the clerical personnel.

The program is divided into two categories. Category I includes 56 hours of training in courses relating to policies and procedures relevant to the Naval Weapons Center. Courses include Introduction to TQM, Basic Naval Writing, Navy Correspondence, Files Improvement and Records Disposition, Interpersonal Communications (optional), Career Options for Clerical Personnel and Clerical Forum -- Travel, Security, Training and Payroll.

Category II provides a student with a broad preparation for a career in business. Computer science courses are included to provide sufficient background for utilization of new computer tools which are becoming more and more popular. "Many secretaries on-center," said Duff, "often have to work with scientists and engineers. Having that broad base a college offers, will give the secretaries something in common with people they work with."

A total of 27 units is needed to pass Category II. The Category II courses include Bus Adm 181 -- Business Law or Bus Adm 25 -- Practical Law for Business & Society; Principles of Accounting 1A; Principles of Economics 1A; Business Gen 10 --

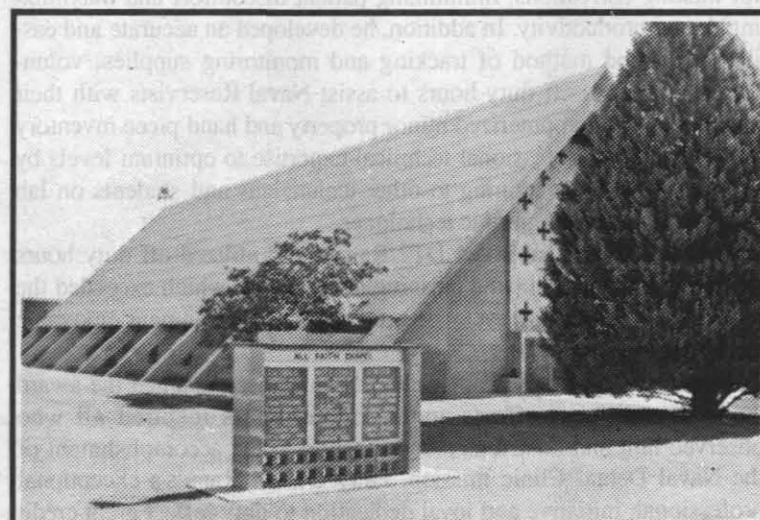
Intro to Business (prerequisite); Bus Adm 40 -- Human Relations in Business; Bus Adm 55 -- Business Correspondence or English 1A; Bus Adm 42 -- Principles of Mgmt and Organization; Computer Sci 71A -- Comp Appl - Word Processing; Computer Sci 71B -- Comp Appl - Spreadsheet; Computer Sci 73C -- Comp Appl - Data Base; and Bus 54 -- Office Personnel Seminar.

Upon completion of the NWC Certificate, two other options open up for the clerical personnel. A Cerro Coso Community College Certificate in Business Administration is available for those taking five to eight more units listed in a separate category, or participants have the opportunity to attain an Associate of Arts Degree in Business Administration from Cerro Coso if they choose to take an additional 18 to 21 general education units.

Duff said each May a call for nominations to the program will be made. To be eligible for the program, interested individuals must have an up-to-date, viable individual career plan (IDP) approved in writing by their supervisor; and, if available, some evidence of undertaking a self-development effort, such as past education. A copy of the IDP should be submitted along with an on-center Training Request for the first class. Training requests should be marked that the class is for the Secretarial Certificate Program. Future copies of the IDP will not be needed, unless changes are made.

Duff noted clerical personnel who have already taken some of the required classes will receive credit for them.

For more information about this secretarial program, call Marie Duff at NWC's Training Center, ext. 2451.



## Divine Services

### Protestant

Sunday Worship Service, East Wing 8:00 a.m.  
Sunday Worship Service, Main Chapel 10:30 a.m.  
Sunday School, 1008-10 Blandy & 1903-05 Mitscher 9:00 a.m.  
Bible Study (East Wing), Wednesday 11:30 a.m.  
(September thru June)

Men's Prayer Breakfast, East Wing, Thursday 6:30 a.m.  
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday 7:00 p.m.

### Islamic

Jumaa Prayer (Friday at 1905 Mitscher) 1:00 p.m.

### Roman Catholic

Sunday Mass, Main Chapel 9:00 a.m.  
Daily Mass, Main Chapel (During Renovations) 11:35 a.m.  
Confession (Sunday), Command Chaplain's Office 8:15-8:45 a.m.  
Confession By Appointment Anytime  
Religious Education Classes (Sunday) 10:30 a.m.  
(September thru May)  
1902 Dibb, 1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher

### Jewish

Weekly Services (Friday - East Wing) 7:30 p.m.  
Adult Hebrew Lessons (Saturday at 1004 Blandy) 9:00-10:00 a.m.  
Sabbath School (Saturday at 1004 Blandy) 1:00-4:00 p.m.

Chaplain S. A. Casimano, LCDR, CHC, USN  
Chaplain G. L. Goodman, LT, CHC, USNR  
Brian H. Zimmerman, Student Rabbi  
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Phone NWC ext. 3506, 2773, 2873

## Be fire safe this July 4th

Members of the China Lake Fire Division want to remind everyone that the possession of fireworks, whether for sale, storage or use, is prohibited on all parts of the Naval Weapons Cen-

ter. Fireworks do not include paper caps and highway flares.

Every year, fireworks are directly responsible for millions of dollars in property losses and hundred of injuries and deaths.

Please leave fireworks to authorized, licensed professionals.

The China Lake Fire Division and Safety and Security Department staff wants everyone to enjoy a safe 4th of July holiday.

Dan Buckley takes first place in Public Class

## Three China Lakers ride in the Mammoth Cycling Classic Whiskey Creek Stage Race

Dan Buckley, an employee in the Systems Engineering Division, Engineering Department, took first place in the Public Class of the Mammoth Cycling Classic Whiskey Creek Stage Race. Two other NWC employees, Tony Kratz and Tim LaFromboise, also participated in the race. All three are members of the High Sierra Cyclists Bicycle Club in Ridgecrest.

LaFromboise, an employee in the Electro-Optics Guidance Division, Intercept Weapons Department, finished seventh in the Senior Men's Category 3 Field, while Kratz, an employee in the Ordnance Test & Evaluation Division, Range Department, finished twenty-ninth in the Masters' Category.

This year's Masters' Category consisted of five separate states. Kratz started his five days of racing with a prologue time trial, racing uphill 5.5 miles from Mammoth Lakes Village to the Mammoth Mountain Inn. On the second day, he raced a 60-mile hilly course known as "The Tour Beneath the Peaks."

On the third day of the event, riders in the other categories began their quest towards a win in this year's classic by competing in the "Altitude 9000 Road Race," which started in Bishop and ended at the Mammoth Mountain Inn, a total climb of 9,000 feet.


The Public Class racers started their race at Crowley Lake, finishing at the Mammoth Mountain Inn. Buckley

finished this stage with a first place finish in his age group.


The fourth stage of the race, "The Tour of Crowley Lake," started in Mammoth Lakes, went to Crowley Lake and then back up to the Mammoth Mountain Inn. Again, Buckley won the Public Class race, while LaFromboise moved up in his overall standings by placing sixth. Kratz finished thirty-fourth in his category.

The final stage, "Whiskey Creek Criterium," is twenty laps of fast paced action in Mammoth Lakes Village near Warming Hut II.

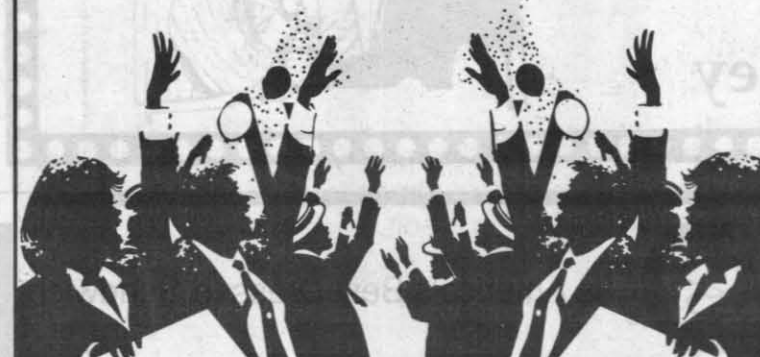
By Bob Long



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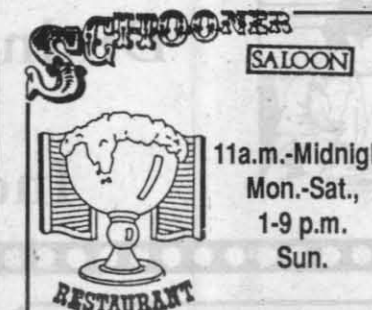


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# Port Hueneme out hits NWC softball team

Bad news seems to be the normal pitch for the Naval Weapons Center's Varsity Softball Team this past weekend. On Friday afternoon, the Long Beach softball team, which was scheduled to play the local team at NWC last Saturday, called and cancelled the match. On Sunday, Port Hueneme out hit NWC's batters in both games of their double header. To cap the fun, noted Coach ACC Leon Hillewaert, the team's clean-up batter, Vinnie Hunsicker, was thrown out of the contest toward the end of the first game for arguing with the umpire. The toss made the China Lake player, who has had five home runs in his last 15 times at bat, ineligible to play in the second game.

Despite the run of bad luck chasing the military players, Hillewaert noted his team is still playing a fine game of softball. In the first game, the China Lake team kept Port Hueneme down to only one run in the first inning and two runs in the second and sixth inning. Defensive efforts slackened in the third inning, allowing Port Hueneme to score four runs, and in the fifth inning, when the opposition scored five runs. Outstanding fielding shut out Port Hueneme in the fourth and seventh innings. The final

## Water fun set

Beat the heat this summer by taking advantage of one of the many swimming pool activities being planned by the Sports Branch, Morale, Welfare & Recreation Division.

### Morning Water Aerobics

Classes will be held on Tuesdays and Thursdays from 10 to 11 a.m. at the Enlisted Pool. Monthly fees are \$8 for military personnel, \$10 for DoD personnel and \$12 for all others. There is also a daily optional fee of \$3.

### Adult Beginning Swim

From July 9-20, a basic beginner's class will be held at the Enlisted Pool, Monday through Friday, from 6 to 7 p.m. Cost is \$15 for military, \$20 for DoD and \$25 for all others.

### Adult Swim Improvement

Improve your swimming techniques July 23 through Aug. 3, Monday through Friday, from 6 to 7 p.m. at the Enlisted Pool. Cost is \$15 for military, \$20 for DoD and \$25 for all others.

For more information about any of these classes, call the Sports Branch at NWC ext. 6542.

score was Port Hueneme 14, China Lake 9.

In the second game of the double header, Port Hueneme's offensive efforts went into high gear, scoring 11 of their 18 runs. The

final score was 18-10, Port Hueneme.

Before being tossed, Hunsicker went 2 for 2, hitting two home runs. Terry Boren went 5 for 8 with three singles and two dou-

bles and Eric Blyly and Dennis Love both hit 3 for 6, with each batter hitting a home run.

China Lake's next competition is a quadruple game at NWC against Long Beach on July 7.

Two weeks later they will host Pt. Mugu and George Air Force Base for two double headers. According to Coach Hillewaert, the games should start around 10 a.m. on Schoeffel Field.



## NWC COMMUNITY FEDERAL CREDIT UNION

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Dear Member:

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The problems of the troubled savings and loan associations and their regulative bodies are far removed from the credit union industry. The credit union industry, regulated by the National Credit Union Administration (NCUA), has its own separate federal insurance reserve fund called the National Credit Union Share Insurance Fund (NCUSIF).

For the past years, the NCUSIF has maintained better reserve ratios than both the FSLIC and the FDIC -- the respective federal insurance funds for the savings and loan and banking industries. That means that deposits, like yours, in federal credit unions are actually backed by more security than the funds in other financial institutions. As you know, your savings are insured to \$100,000 by the NCUA and IRAs are insured separately, also to \$100,000.

Unlike other financial institutions which are permitted to take higher risks with their depositors' money, credit unions have strict limitations on how we may lend or invest our funds. At NWC Community Federal Credit Union, the vast majority of our income comes from loans to members -- the people who have made our credit union the solid financial institution it is today.

The safety of your deposits is always a top priority at your credit union. As we continue to grow and build our assets, which currently total more than \$164 million, you can rest assured that our management, Board and other volunteer officials will continue to take every precaution to ensure the continued security of your hard earned money.

Sincerely,

Bernard K. Schummer  
General Manager/CEO

P.S. We will be conducting a random telephone survey in the near future. Your participation is important to us so we may continue to provide quality services and products for all of our members financial needs.

NWC COMMUNITY FEDERAL CREDIT UNION

## MIPI:

Best ideas at NWC

(Continued from Page 4)

recycling broken glass from the glazier's shop and other places to raise funds for NIF.

By classifying communications cables as equipment/personal property, rather than systems, a MIPI from Richard Staples, Code 2692 and Bill Bonner, Code 2601 will speed the acquisition process.

Tracy Seleska of Code 261 MIPed the delay in Public Works Department Spontaneous Recognition Award checks.

David Eiband, Code 39B8 gained approval of a MIPI to accelerate payment of travel claims by auditing travel claims after payment, not before.

To be recognized for a successful MIPI, the idea must be approved by the NWC Commander. Even if the MIPI is later disapproved by higher authority, the individual made an effort to improve the quality of service and performance at NWC and is saluted. Each MIPI winner received a MIPI hat, mug, certificate, pen and more, presented by Capt. Cook.



**MIPI WINNERS**--Naval Weapons Center employees who submitted MIPI approved locally, were recently honored by Capt. Douglas W. Cook, NWC Commander, and the Model Installation Program staff for their outstanding efforts toward making NWC a better place to work and live.

Photo by PHAN Cary Brady

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**Dates and Times Schedules:**  
Wednesday, June 27, 1990 - 8:00 to 9:00  
Thursday, June 28, 1990 - 8:00 to 4:00

Seminars scheduled from 8:00 until 4:00 both days

**For Further Information:**  
John Sutherland  
West Coast Reps  
441 East Whittier Blvd., #3A  
La Habra, CA 90631  
(213) 690-9960



## Johanboeke tops career with award

(Continued from Page 1)

solid and airbreathing propulsion systems and components.

In addition to his leadership of the Skytop team in developing new test capabilities conducting difficult tests, he established an ideal working relationship between NWC employees and contractor personnel here for tests. Johanboeke has also been instrumental in developing firing officer training programs and other related safety programs.

More recently, his team was responsible for conducting a series of tests to identify and correct causes of Trident II initial-launch flight failure. The nomination credits Johanboeke's "leadership during these crucial, short-turnaround tests" for enabling analysis and correction of the failure.

In October of 1977 he received the NWC Technical Director's Award for outstanding Trident missile test contributions.

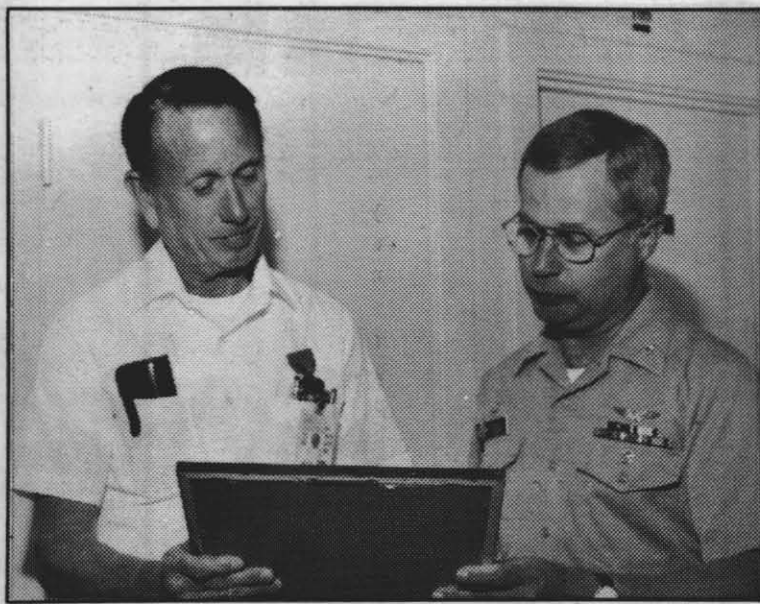
Johanboeke joined the China Lake team in 1956 after graduating from the Missouri School of Mines with a degree in electrical and electronics engineering. Following his junior professional year, he joined the Ballistics Test Branch and remained there for the final 33 years of his federal career.

## Blues at Miramar for July 28-29 show

Five hours of breath-taking aerobatics, six acres of aircraft displays and over a half-million people are coming together at Naval Air Station Miramar's annual Air Show, set for July 28 and 29.

This year's theme, *Miramar Salutes: A New Decade of Freedom*. The world-famous Blue Angels will headline the aerobatic lineup in their trademark blue and gold F/A 18 Hornet jets.

Admission and parking are free.



**NAVY CIVILIAN AWARD--** Marking the end of a career that spanned more than 30 years at the Naval Weapons Center, Roy Johanboeke receives the Navy Meritorious Civilian Service Award from Capt. Douglas W. Cook, NWC Commander.

## Shake next week's Monday rut, try a new Seafarer Club feature

Monday is just around the corner. Do you suffer the Monday blues? If so, the Naval Weapons Center's Morale, Welfare and Recreation Division has a way to break out of the Monday rut and start the week off right with a delicious steak or chicken grilled at the Seafarer Club. Every Monday, (as long as the weather remain good) for only \$4.95, enjoy a nice succulent steak or mouth watering chicken, and help yourself to potato salad (made that day), baked beans, Texas toast and ice tea or lemonade.

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June 22, 1990



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### VIRUS WARNING!!!

If the thought of a Trojan Horse brings to mind an image of a bunch of Greek soldiers crammed into a big wooden horse and being offered to the fine city of Troy as a gift, then you remember your history lesson pretty well. But, in the world of computer viruses there is a different lesson to be learned. A Trojan Horse virus is usually self-contained (it does not spread to other files or applications), appears legitimate and is destructive in some manner.

An INIT called "Steroid" (that name alone would cause me to question its application) is a Trojan Horse virus. Steroid's pitch is that it will speed up QuickDraw on a Macintosh with the built in 9 inch screen. But don't you believe it! Steroid is timed to unleash its destructive power when the system date is greater than June 6, 1990. Specifically, the resulting damage will be that all mounted drives are erased. Since Steroid is an INIT, it is executed each time the Macintosh is started or restarted; as is the case with all INITs.

If you happen to be using a Mac SE with Comm Toolbox installed, you may fare a little better if struck with Steroid. A test has shown that Comm Toolbox conflicts with the Steroid INIT and prevents mounted disks from being erased. However, you won't get off completely unscathed. The SE will just crash instead. On the positive side, as positive as possible, with a virus, you can use SUM II Disk Clinic to recover files that were erased by Steroid.

Whatever you do, be sure that you do not add the Steroid INIT to your systems folder or your mounted disks will be erased the next time you start up your Mac. It's past June 6th. Remember?

As always, watch what you install on your computer and run a virus detection application all the time as a measure against viruses.

By Bob Beane



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June 22, 1990

## Training Center schedules self-improvement classes

Official Naval Correspondence (8 hours)

August 15, 0800-1600, Training Center. By LaNelle Thompson.

Scope: This class is for all Center personnel who type, write or approve naval correspondence. It is a detailed overview of SECNAVINST 5216.5C and NAVWPNCEN 5216.8, which review standards for correspondence preparation, formatting and paper-work management.

Note: Please bring a copy of SECNAVINST 5216.5C (Correspondence Manual) dated Aug. 83 to this class.

Deadline: July 31.

Basic Naval Writing for Beginners (8 hours)

August 16, 0800-1600, Training Center. By LaNelle Thompson.

Scope: SECNAVINST 5216.5C sets new writing standards that are important to any one who writes or reviews the writing of others. The class instructor will review those standards, i.e., the use of active versus passive verbs, personal pronouns, short sentences, etc. A workbook (OPNAV 09B-P1-84) with exercises and answers that reinforce the principles of better naval writing will be used in class.

Deadline: August 1.

Security for Clerical/Administrative Workforce (6 hours)

August 21, 0800-1430, Training Center. By John Hammonds.

Scope: This course covers badging and area access procedures; procedures for new employee security clearance; how to arrange for visitors, both foreign and domestic; how to mark and safeguard classified documents; transmission of classified documents; destruction of classified documents; courier card, letters and memos; and how to get keys made and locks/combinations changed.

Deadline: August 7.

Files Improvement and Records Disposition (12 hours)

August 28-30, 0800-1130, Training Center. By Pam Rivera.

## Professor Petit plans visit to NWC

Professor Pettit of California State University, Northridge (CSUN) will be on-Center June 27 to advise current and prospective students in the master's degree program in electrical engineering

Scope: This class is designed to help record keepers understand and apply basic rules related to filing.

Topics covered are standard filing procedures; eliminating needless filing; cross-referencing; indexing; and using filing aids, such as color codes, labels, file guides and recommended file folders. Use of the Navy Standard Subject Identification Code and the use of microfilming, identification of record material, disposal of records and use of the Federal Records Center for storage will be discussed.

Deadline: August 14.

To enroll in any of the above classes, submit a training request (NAVWPNCEN 12410/73) via department channels to Code 224.

### Self-study

How Far Is Too Far? (17 minutes)

Self-study, Training Center. By MTI Film/Video.

Scope: Sexual harassment in the work place is illegal. That fact is well known. Yet that simple statement can cover a wide variety of behavior. Every employer, manager, supervisor and employee should know how recent court decisions have expanded the definition of sexual harassment.

In this ABC News 20/20 segment, hosts Hugh Downs and Barbara Walters explore this important and rapidly changing issue. Reporter Lynn Sherr interviews women whose victories in course have helped establish higher standards for behavior on the job.

The objectives of this video is to help one to understand how the definition of sexual harassment has changed in light of recent court decisions, to view and judge some "borderline" cases of sexual harassment and to learn basic guidelines for recognizing sexual harassment.

Presentation Method: 3/4" video.

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## CSUN looking for instructors

California State University, Northridge (CSUN) is looking for instructors to teach courses offered through the CSUN external degree program at the Naval Weapons Center. The courses expected to be offered during the 1990-91 academic year are listed below.

Individuals who are interested in teaching one or more of the following courses and have at least a master's degree are asked to forward their resumes to Cecil Webb, Code 224, by June 26.

Courses expected to be offered during the 1990-91 academic year are as follows:

EE470N - Electromagnetic Fields & Waves I  
EE481N - Discrete-Time Control Systems  
EE550N - Random Processes  
ME501A - Seminar in Engineering Analysis I  
EE461N - Digital & Data Communication Systems  
EE569N - Adv. Topics in Communication/Radar  
ME501B - Seminar in Engineering Analysis II  
ME580 - Flight Vehicle Performance  
AM542 - Finite Elements Method in Mechanics  
IE5XX - Computer Simulation Course  
EE561N - Communications Engineering  
EE584N - Stochastic Control  
ME415 - Kinematics of Mechanisms  
AM536 - Structural Dynamics

For more information, please call Webb at NWC ext. 2648.

## Soldering courses offered next week

From June 25-29, a 40-hour high-reliability soldering course to MIL-STD-2000 will be held from 7:30 a.m. to 4:30 p.m. at 543 Graaf Street. This course is for government/contractor personnel needing certification as inspectors or operators.

From June 27-29, a 24-hour update recertification course to MIL-STD-2000 will be held from 7:30 a.m. to 4:30 p.m. at 543 Graaf Street. This course is for government/contractor personnel requiring annual recertification as inspectors or operators.

Previous soldering experience is required for the high-reliability soldering course and previous certification to WS-6536 or DOD-STD-2000 is required for the recertification course. A current eye examination is needed for either course.

To be scheduled, call 446-5571.

## Recipients need extra hours due to emergency situations

Employees indicated below have been approved to become leave recipients under the Leave Transfer Program. These employees have exhausted annual and/or sick leave because of personal emergencies and will be in a non-pay status for at least ten days. Employees who wish to donate annual leave to the employee should fill out the form at the end of this column, clip it out and send it to Code 221. For more information about this program, call NWC ext. 2018.

**Gail Reed, Security Specialist, Code 2433** -- is in need of leave due to complications of pregnancy.

**Gene Linard, Mathematician, Code 2843** -- is in need of leave to take care of his wife during her illness and recuperation.

**Louise Tague, Budget Assistant, Code 2836** -- is indebted for leave due to injuries sustained in a car accident.

**Laura Brady, Secretary, Code 3649** -- had open heart surgery and is in need of leave.

**Linda Watkins, Procurement Analyst, Code 2504** -- is indebted for leave due to surgery and on-going chemotherapy treatments.

**Leslie O'Neil, Computer Systems Analyst, Code 2732** -- will be undergoing major surgery and will be required to be off work for six weeks.

**Karen Linard, Industrial Engineer, Code 3291** -- underwent major intestinal surgery and is in need of leave.

**Deborah Leonard, Secretary, Code 6535** -- had a gallbladder attack and is scheduled for surgery.

**Dorothy Wiederhold, Employee Development Assistant, Code 224** -- suffers from Pericarditis (fluid around the heart) and is indebted for leave.

**Dionne Lancaster, Facility Management Specialist, Code 26521** -- is taking care of her husband and is in need of additional leave hours.

**Bob Donsbach, Specifications Writer/Editor, Code 3656** -- suffered a heart attack and has exhausted all his leave.

**Debra S. Hurt, Operations Research Analyst, Code 3082** -- is experiencing medical complications due to a difficult pregnancy and will not be able to return to work until July.

**Deborah Ball, Computer Scientist, Code 3922** -- was hospitalized and is indebted for leave.

**Polly Bainbridge, Secretary, Code 3922** -- is currently undergoing medical treatment and is

indebted for leave.

**Leta Darcey, Management Assistant, Code 36402** -- is indebted for leave due to complications associated with childbirth.

**Carolyn King, Engineering Data Management Specialist, Code 36541** -- is taking care of her husband who is extremely ill; she is indebted for leave.

**George Petty, Physicist, Code 3924** -- was admitted to the Duke University Hospital on an emergency basis with the diagnosis of acute myelogenous leukemia.

**Satik Martinsen, Management Assistant, Code 36402** -- is diagnosed as having nodular sclerosing Hodgkin's Disease and is currently undergoing treatment.

**Nancy Muro, Engineer Technician, Code 3033** -- has undergone two reconstructive surgeries to her left foot and will soon need additional surgery.

**Mary Elaine Hooper, Secretary, Code 3201** -- underwent surgery and is indebted for leave.

### Leave Donation Form Complete and send to Code 221

From: \_\_\_\_\_  
Code: \_\_\_\_\_  
I wish to donate \_\_\_\_\_ hours of my annual leave to: \_\_\_\_\_  
I have attached a copy of my last leave and earning statement.  
Signature \_\_\_\_\_ Date \_\_\_\_\_

## Future in communications arrives in VTC

Video teleconferencing technology now links China Lake with Pt. Mugu and other sites; projects reaping the benefits

The future has arrived. Video teleconferencing, a technology which seemed far-fetched in the movies and cartoons of the sixties, is available at the Naval Weapons Center today. The ability to see as well as hear another party over a communication line is producing some surprising benefits for users.

Since the NWC Video Teleconference Center (VTC) opened last year, China Laker have experienced the benefits of conducting face-to-face meetings with personnel at distant facilities without the hassle and high cost of travel. And with the recent addition of classified capability at NWC, Pacific Missile Test Center (PMT) and Naval Air Test Center (NATC), and NAVAIR headquarters classified certification in the works for sometime this summer, video teleconferences could become even more popular.

Mike Cash, Advanced Interdiction Weapons System (AIWS) deputy project manager, is one NWC employee who schedules the VTC for regular use. Once every three weeks for two to three hours, his project team "meets" with their Washington sponsors. The greatest benefit of video teleconferencing, according to Cash is the ability to discuss issues with large numbers of people without traveling.

Once prohibited by budget and time constraints, it now is possible to involve more people in meetings, taking advantage of their valuable input and output in decisions.



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The VTC is easy to use, notes Cash. "The first-time user can expect to spend about 30 minutes getting familiarized with

the system. Now I run it myself," he said. He foresees very few limitations to its capabilities, especially once the system gets secure on both ends (i.e., at NAVAIR headquarters this summer).

Bernie Wasserman of the Sidewinder Technical Management Office gives the VTC a thumbs up. "It's been useful in getting face to face interaction with our sponsors on a routine basis," he said.

The system is particularly beneficial for quick turn-around decisions that would otherwise require travel, added Wasserman. "Recently we had a major time-critical decision to make. We were able to book the facility for a meeting that same afternoon."

Ron Gotzler has found the VTC a benefit, not so much for the money it saves, but for the new capabilities it offers. During the final integration stages of the Semi Active Test System (SATS), Gotzler, who served as project's manager, is using the VTC for weekly four-point conferences. NWC, PMTC at Pt. Mugu and NATC at Pax River are sites of three identical SATS systems. For the weekly progress meetings, the three centers link up to the prime contractor, General Electric, which uses the VTC at NAS Lakehurst, NJ. As many as twenty participants relate problems and

solutions for software requirements, leaving the meetings with work assignments for the coming week. Meetings of this scope and frequency were impractical before video teleconferencing, noted Gotzler. "Instead, as the project engineer I had to coordinate independently with all parties involved--it was not the best use of my time."

All three managers would encourage others to give the new facility a try. "The VTC is a new and very powerful tool," said Wasserman. "We need to work at discovering its capabilities."

During the month of July, the NWC VTC is offering a special price of \$300 per hour, a cost reduction of almost fifty percent, to encourage new users to experiment with video teleconferencing's capabilities. To schedule the facility for a conference or demonstration, call NWC ext. 4554. The scheduling office has a list of sites that NWC can reach by teleconference.

Located in Michelson Laboratory, Room 1000J, the VTC office hours are 7 a.m. to 4:30 p.m. Conference times are not constrained to normal NWC work hours. The VTC is open to all NWC employees, employees of attached activities, and contractors with a valid job order number and NWC sponsor.

John Sutherland and AUTOMATIX Present

## Technical Seminars on Macintosh II based Image Processing, Analysis Software

**Image Analyst**, Automatix' menu driven image processing and analysis software program for industrial and scientific applications, will be presented and demonstrated during this seminar. **Image Analyst** has been awarded an honorable mention from MacUser Magazine in its annual Eddy Awards in the Best Data Acquisition/Analysis Product category.

**Image Analyst** is designed to process both live video and stored images, and then extract quantitative data, which the user can then display on the screen, use to make decisions, or save on disk. **Image Analyst** features a menu driven user

interface and comes with a powerful set of convolution and morphology routines for image processing, as well as algorithms for pixel counting, grey scale analysis, edge detection, hough transform, normalized correlation, and connectivity analysis. An interactive tool pallet allows users to set the input and color look-up tables, make a variety of on screen measurements (distance, location, grey scale), zoom in and out, conduct in-depth connectivity analysis, and record statistics. This is truly an exciting imaging program for the Macintosh II.

LOCATION: Carriage Inn, 901 N. China Lake Blvd., Ridgecrest, CA 93555

TIME: Tuesday, June 26, 1990. There will be a three hour introduction and user seminar in the morning from 9:00-12:00, and in the afternoon from 13:00-16:00.

For Additional Information, Contact:

John Sutherland  
P.O. Box 278  
Mira Loma, CA 91752  
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**TEAMWORK**—Team members from Public Works, the Training Center and the Information Systems Group were jointly responsible for the major task of designing and installing the Main Site Fiber Branching backbone. In this photo Tony Cozzucoli, Mike Timperio, Jim Morse, Pat Nogle, Phil Bainbridge, Mike Albers, Al Truesdale, Fritz Pritchett and Red Thyne have just completed their inspection of the network interface box located at the Training Center. When the Training Center is connected to the backbone and to the FOTS Hub in Michelson Lab, Code 224 personnel will be able to transmit in realtime technical, administrative and other training courses to selected conference rooms on Center. Other buildings to be connected to the backbone include security, human resources, procurement, TID, fire department, police department and many others in the Main Side area.

#### Highway delays on Inyokern Road

CalTrans will be repaving Inyokern Road between Inyokern and the main gate this weekend (June 23 & 24), notes Hal Linderman, Public Works Department. Motorists are advised traffic in this area may experience slight delays.

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### •MWR• UPCOMING EVENTS



#### Friday, June 22nd

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- Seafarer Lunch Special- Submarine Sandwich

#### Saturday, June 23rd

- Golf Course June Retail Sale X2990
- Softball Game-Port Hueneme vs. Point Mugu X6542

#### Sunday, June 24th

- Military Bowling League-for info, X3471

#### Monday, June 25th

- Reuben Sandwich Special, Mondays, Seafarer
- Chick'n Grilla Sandwich Lunch Special-Seafarer
- Grilled Steak/Chicken on the Lanai-11 am to 1 pm-Seafarer

#### Tuesday, June 26th

- CRAFTECH Daytime Classes-Sign-up Today!
- Matinee, 2 p.m., Snow White & the Seven Dwarfs
- BINGO-Seafarer, 7:00 p.m. X2581

- Seafarer-Turkey Supreme Sandwich Lunch Special

#### Wednesday, June 27th

- Seafarer Club-California Beef Sandwich Lunch Special

#### Thursday, June 28th

- Family night-Thursdays-O'Club Pool-Open to All-6pm X2581
- Seafarer-French Dip Sandwich Lunch Special

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## Job opportunities available at China Lake

(Continued from Page 16)

systems, video cameras and computer controlled devices. Outdoor working conditions and overtime may be required. **Job Relevant Criteria:** Knowledge of digital and/or analog circuit design; ability to troubleshoot digital and/or analog circuits; knowledge of radar and radar systems; ability to communicate orally; ability to communicate in writing. Promotion to DT-3, but not guaranteed. Previous applicants need not reapply.

**No. 64-008, Electronics Technician, DT-856-3, Code 6443** - This position is located in the Radar Systems Branch of the Electronic Warfare Threat Environment Simulation Division (EWTES) of the Aerosystems Department. Incumbent will be responsible for the operation, maintenance, modification, alignment, calibration, and documentation of one-of-a-kind threat simulators. Often, this requires working with inadequate or non-existent schematics, maintenance manuals and operations manuals. The nominal work schedule is 0630 to 1630, Monday through Thursday. Transportation to and from the work site is available. **Job Relevant Criteria:** Ability to develop and interpret schematics and engineering drawings; ability to troubleshoot digital and/or analog circuits; knowledge of radar and radar systems; and knowledge of application, design, and maintenance of RF threat simulation. Promotion potential is DT-3.

### Reassignment opportunities

This column is used to fill positions through reassignment only. For this reason, the Reassignment Opportunity Announcements are separate from the Promotion Opportunities column in the Rocketeer. Applications will be accepted until the date stated in the announcement. Employees whose work history has not been brought up to date are encouraged to file an SF-171 or 172. All applications must meet minimum qualification requirements established by the Office of Personnel Management. Information concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Management Advisors (Code 096 or 097). Applications should be filed with the person whose name is listed in the announcement. The Naval Weapons Center is an Equal Opportunity Employer.

**No. 39-015, Interdisciplinary (General/Mechanical/Electrical/Electronics/Aerospace Engineer/Physical Scientist/Physicist), DP-801/830/850/855/861/1301/1310-3, CODE 39B3** - This position is in the MHIP Project Office, Intercept Weapons Department. The incumbent will provide test and evaluation management support to the program, providing oversight to IRIS plans and procedures on common seeker testing and performance as a unit, and in Sparrow and Standard Missile System, and common seeker sub components test plans and procedures. The incumbent is responsible for Naval Weapons Center test planning to supplement contractor testing. Incumbent will report to the MHIP project office system engineer. Send SF-171 TO: J. M. Stallard, Code 39B3.

### Secretarial opportunities

This column is used to announce secretary positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grades, administrative functions become predominant. At the higher levels, secretaries apply a considerable knowledge of the organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria indicated below.

Applicants will be rated against four or more of the following job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence; (4) ability to compose correspondence and/or prepare non-technical reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

Unless otherwise indicated, applicants for branch secretary will be rated on elements 1/2/3/5/8; division secretary applicants will be rated on elements 1/2/3/4/7/8/9; Program Office secretary applicants will be rated on elements 1/2/3/4/5/8/9; and department secretary applicants will be rated on elements 4/7/8/9. A SUPPLEMENTAL FORM IS REQUIRED AND MAY BE OBTAINED IN ROOM 100 OF THE PERSONNEL BUILDING.

**No. 31-037, Secretary (Typing), DG-318-1/2, Code 3133** - The incumbent will provide secretarial and administrative support to the EW Analysis Branch and the SEWS Program Office. Incumbent will also be assigned as CCP for the Branch. Knowledge of and skill on the Macintosh is desired. Promotion potential to DG-2. Area of consideration for this position is limited to the 03 Directorate.

**No. 39-016, Secretary (Typing) DG-318-2/3, Code 39B1**, Incumbent will provide secretarial support to the Advanced Technology Applications Office. Experience with the Macintosh PC is desirable, but not required. Applicants must be able to obtain and maintain a Top Secret security clearance based on a Special Background Investigation. Promotion potential to DG-3, but not guaranteed. **Area of recruitment/consideration is limited to the Laboratory Directorate (03).**

**No. 62-010, Secretary (Typing), DG-318-1/2, Code 6203** - The incumbent provides secretarial

and administrative support to the Officer-in-Charge of the Explosive Ordnance Disposal Detachment. Ability to act as office manager in all administrative areas, budget preparation and tracking, monitor-range radio communication, respond to possible telephone or radio emergency calls, interface with both civilian and military outside authorities is desirable. Experience on MAC SE desired. Promotion potential to DG-2, but not guaranteed. The area of consideration for this position is the 06 Directorate only.

**No. 62-013, Secretary (Typing), DG-318-1/2, Code 6231** - This position is located in the Electro-Optical Branch, Instrumentation Division, Range Department. The incumbent will provide secretarial support to the branch head and branch personnel. Knowledge and experience on the Macintosh computer is desirable but not required. Promotion potential to DG-2, but not guaranteed. The area of consideration for this position is the 06 Directorate only.

## NPPSDBO needs printing assistant

One opening is available in the Navy Publishing & Printing Service Detachment Branch Office at China Lake. The opening closes on June 29. To apply, submit a current SF-171 to NPPSDBO China Lake, Bldg. 1041.

**No. E90-470(EM), Printing Assistant, GS-1654-5/7, Code 8300** -- Aids in the interpretation and execution of policies and in the implementation of standards applicable to the content, format, procurement, manufacturing of publications and forms.

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# Personnel News & Notes

## Promotional opportunities

Applications for positions listed below are being accepted from Department of Navy employees currently working at NWC and from eligible employees of attached activities who are permanently assigned to NWC. This group includes employees with career or career conditional appointments; employees with permanent Veterans Readjustment Act (VRA) appointments; temporary employees with reinstatement eligibility; and handicapped employees with Sch. (A) continuing appointments. Also included are spouses, with competitive status, of civilian sponsors hired by a DOD activity within NWC's commuting area. Applications from other groups will be accepted when specified in an advertisement. Vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements, including minimum qualifications requirements, by the closing date of the advertisement. Evaluation of applicant's qualifications will involve using at least two assessment measures. Assessment measures are work experience, annual performance assessment rating and narrative, education, training, performance assessment and awards.

Eligible spouses (of military sponsors) with competitive employment status may apply for employment preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they applied. For initial employment information, career counseling and enrollment, call 939-3317 for an appointment.

**HOW TO APPLY:** Submit the following: a current application, SF-171 or other Human Resources Department pre-approved form; a copy of your most recent annual performance assessment narrative (note: a copy of your performance plan should be attached if the annual performance narrative description does not clearly state the tasks/duties performed); and a completed Background Survey Questionnaire. A supplemental narrative which relates your qualifications to each knowledge, skill or ability (KSAs) as cited in the advertisement is always desirable and may be required if stated in the vacancy announcement. Write the title, series, level (grade), and announcement number on all application materials. Not submitting the annual performance narrative may adversely affect your evaluation scores. Prior to submitting your application, complete Cover Sheet Form 12335/2, available at the reception desk. **Make sure your address, phone number, etc. are current, correct and that all forms are complete and accurate.** If information is missing, your qualifications may not be fully and completely rated. Additional information cannot be submitted after the closing date of the announcement. A current date and a signature on the last page completes the application. Civilian Spousal Program Eligibles with competitive employment status must submit a copy of their sponsor's PCS orders with each application in order to be considered for Merit Promotion vacancies which do not state that status eligibles may apply.

Application materials are accepted, and blank forms are available, at the Reception Desk, Room 100, Human Resources Department, 505 Blandy. Announcements close at 4:30 p.m. on Friday, one week after the opening date of the announcement, unless otherwise specified. Applications received after 4:30 p.m. on the closing date will not be considered. Copies of Applications may be submitted since applications are kept in an announcement file and cannot be returned or filed in personnel folders. The Naval Weapons Center is an **Equal Opportunity Employer**; selections are made without discrimination for any non-merit reason.

**No. 00-003, Writer/Editor (Printed Media), DA-1082-1, Code 003** - The incumbent of this position serves as staff writer for the NWC Rocketeer and is a member of the Center's Public Affairs team. Incumbent conducts interviews, writes and edits material for this publication. **Job relevant criteria:** Knowledge of writing and editing techniques; knowledge of printed media; knowledge of public affairs practices; ability to communicate effectively orally; knowledge of Macintosh computer operations and QuarkExpress software are highly desirable, but not required.

Promotion potential to DA-2 but not guaranteed.

**No. 24-004, Security Specialist Supvy, DP-080-3, Code 243** - This position is that of Head, Security Division, Safety and Security Department. Incumbent manages, administers, and coordinates the safeguarding of classified material from compromise, sabotage or theft. **Job Relevant Criteria:** For DA-1: Ability to interpret and apply regulations/instructions; ability to communicate orally; ability to deal with all levels of personnel. Promotion potential to DA-2 but not guaranteed.

including a willingness to implement center EEO goals and policies; ability to communicate in writing; ability to communicate orally; knowledge of security programs; ability to deal with all levels of personnel. Incumbent may be required to serve a one year supervisory probationary period. Selectee must be able to obtain and maintain a top secret clearance. Promotion potential DP-3.

**No. 24-007, Security Specialist, DA/DP-080-3, Code 24301** - This position is located in the Security Education Office, Security Division of the Safety and Security Department. The incumbent will develop, direct and manage education programs concerned with security awareness. **Job Relevant Criteria:** Knowledge of security; ability to interpret and apply regulations/instructions; ability to communicate in writing; ability to communicate orally. Applicants must be able to obtain and maintain a secret clearance. Promotion potential DP-3.

**No. 24-008, Computer Specialist, DS/DP-334, Code 2408** - Incumbent is responsible for the provision of security policy and general procedures for all NWC computer/office information systems and all interconnections of these systems. Background in computer system administration and technical experience in either computer operations, systems software or application software desirable. **Job Relevant Criteria:** Ability to interpret and implement written instructions; knowledge of existing computer security regulations and procedures; ability to communicate in writing; ability to communicate orally; ability to deal with all levels of personnel. Promotion potential DP-3.

**No. 24-014, Security Specialist, DA-080-1/2, Code 2432** - This position is located in the Information Security Branch, Security Division, Safety and Security Department. Incumbent manages, administers, and coordinates the safeguarding of classified material from compromise, sabotage or theft. **Job Relevant Criteria:** For DA-1: Ability to interpret and apply regulations/instructions; ability to communicate orally; ability to deal with all levels of personnel. Promotion potential DP-3.

communicate in writing; ability to communicate orally; knowledge of information security.

**No. 28-006, Supervisory Program Analyst, DA-345-1/2/3, Code 2853** - The incumbent of this position serves as head of the Payroll Branch, Customer Services Division, Office of the Comptroller. The incumbent is responsible for managing and supervising a branch level organization and overseeing the processing of civilian payroll and the preparation of all payroll reports for NAVWPNCEN. The incumbent serves as program manager for the civilian payroll programs (CIVPAY and NAVSCIPS). **Job relevant criteria:** Ability to communicate both verbally and in writing; knowledge of payroll systems including CIVPAY; ability to perform effectively under constant deadlines and pressure situations; ability to interact positively with all levels of Center personnel; ability to supervise and provide leadership; knowledge of and a willingness to support NWC EEO goals and objectives. New supervisors will be required to serve a one year supervisory probationary period. Promotion potential to DA-3. Status eligibles may apply.

**No. 31-016, Clerk-Typist, DG-322-A/1, Code 3113** - This position is located in the F/A-18 Sensors Facility Branch, Avionics Facilities Division, Aircraft Weapons Integration Department. The incumbent provides general office support; participates in security and control of access to restricted areas; assists in control of plant account inventory; and assists in the Branch reference library. Must be able to obtain a Secret clearance. Experience with personal computers is desirable. Promotion potential to DG-1. Area of consideration for this position is limited to the 03 Directorate.

**No. 31-038, Supervisory Interdisciplinary, (General/Mechanical/Aerospace/Electronics/Electrical Engineer/Mathematician/Physicist/Computer Scientist/Operations Research Analyst), DP-801/830/861/855/850/1520/1310/1550/1515-3/4, Code 3191** - This position is that of Head, A-12/NATF Systems Engineering Branch, Systems Engineering Division, Aircraft Weapons Integration Department. The branch

provides systems and software engineering for the A-12 and/or NATF. As Branch Head, the incumbent directs a multi-disciplined staff which provides analysis of avionics and aircraft systems. This analysis is in the form of in-house, hands-on development, or based on contractor-generated documentation. **Job Relevant Criteria:** Knowledge of tactical systems software including operational software development and digital computer simulation; knowledge of affirmative action principles including willingness to implement EEO practices; knowledge of aircraft systems including avionics and the systems engineering process; ability to plan, organize, coordinate, and manage a technical program. Must be able to attain and maintain a Top Secret clearance. The incumbent may be required to serve a one year probationary period. The full performance level for this position is DP-4.

**No. 39-006, Security Clerk (Typing), DG-303-1/2, Code 39404** - This position is located in the Technology Office of the Electro-Optics Guidance Division, Intercept Weapons Department. The incumbent is responsible for assisting in the day to day operations of the office in a variety of area such as record management, security management, and administrative support. **Job Relevant Criteria:** Ability to communicate orally; Ability to communicate in writing; Ability to deal effectively with people.

Incumbent must be able to obtain a Top Secret Clearance based on a background investigation. Promotion potential to the DG-3, but not guaranteed. **Area of Recruitment/Consideration is limited to Laboratory Directorate (03).**

**No. 62-007, Electronics Technician, DT-856-2/3, Code 62361** - This position is located in the T-9 Section of the Radar Branch of the Instrumentation Systems Division of the Range Department. Incumbent will fabricate, operate and maintain North Range radars and video theodolite systems used for missile and aircraft testing on NAVWPNCEN North Ranges. Incumbent will work with radar transmitters and solid state receivers for pulsed tracking radar systems as well as working on video theodolites sub-

# CNO says maritime strategy remains current

(Continued from Page 2)

muster a rapid attack across the East-West boundaries in Europe with Warsaw Pact support because of the political and economic changes that have taken place both in Eastern Europe and in the Soviet Union.

Nonetheless, Adm. Trost noted one should not forget the Soviet Union still possesses considerable residual forces. "For example, the Soviets are continuing modernization programs of their strategic forces at a considerable rate. Conventional forces, particularly in the case of the navy, continue to be modernized even as the Soviets scrap old, obsolete units," he explained.

The CNO also said we must keep in mind the Navy's role around the world has a focus that isn't only Soviet-oriented.

In a recent statement to Congress, Adm. Trost cited the following points to describe the

Third World threat:

- 102 countries now have cruise missiles; by the year 2000, at least 15 countries will be producing their own ballistic missiles

- 41 countries now have naval mining capability

- 14 countries worldwide now have chemical weapons (11 suspected developing)

- 3 countries worldwide now have bacteriological weapons (15 suspected developing)

- 40 countries worldwide now are arms producers

- 41 countries worldwide now have diesel attack subs (in the Third World alone, there are nearly 250 diesel submarines).

Responding to congressional suggestions of reducing the Navy's budget by placing an ever increasing amount of responsibility and tasking on the Navy Reserve element, the CNO stated, "We depend heavily on the Reserves. They are essential to

our mission. There are many so-called defense experts who claim large savings can be realized by further expansion and transfer of assets to the Naval Reserve. Such comments are naive, and ignore the basic realities of what is required to operate ships and aircraft at sea, and what makes our Navy effective and credible. . . The real savings are only marginal. It is only 10 percent less expensive to maintain a ship in the Naval Reserve that it is in the Active Duty."

Adm. Trost said his greatest disappointment is that too few people seem to appreciate fully the relationship between the improvement in the country's military readiness from its rather dismal state of the late 1970s to the strong national security posture the U.S. presents today. Instead,

Adm. Trost contends we now see an unwillingness nationally to support the kind of national security posture that has served us for so long.

He also expressed disappointment over a number of proposals from members of Congress which he feels would drastically reduce our capabilities in a very short period of time. One, for example, proposes a reduction in the current Navy force of 14 carrier battle groups. "I'm reminded that we tend not to remember history. We gain experience, but we forget it very quickly," the CNO said.

Adm. Trost recalled his days as Seventh Fleet Commander in the late 1970s when the Navy had 13 carrier battle groups. He said the Navy had a lot of people forward deployed because of the

hostage crisis in Iran and the Soviet invasion of Afghanistan. These events drove a deployment commitment which resulted in deploying ships for 8 1/2 to nine months at a time. Using *USS Eisenhower* as an example, Adm. Trost said the ship deployed for 8 1/2 months in 1980, but very few of the people who served at that time remain in the Navy today as a result of that experience. "We are driving our people out by demanding more than we should of any normal human being. We, therefore, should be mindful that today's force levels are hardly excessive," Adm. Trost said.

Adm. Trost will retire on June 29 after having served as CNO for four years. He will be relieved by Adm. Frank Kelso, who currently serves as Commander in Chief, U.S. Atlantic Command.

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## Technical expertise brings top recognition to NWC Fellows

(Continued from Page 1)

throughout the awards ceremony—it's the support of coworkers and Center management that sustains his enthusiasm for working at NWC. "I look forward to coming in to work each day," he said. "We have super people to work with and nice equipment and projects to work on."

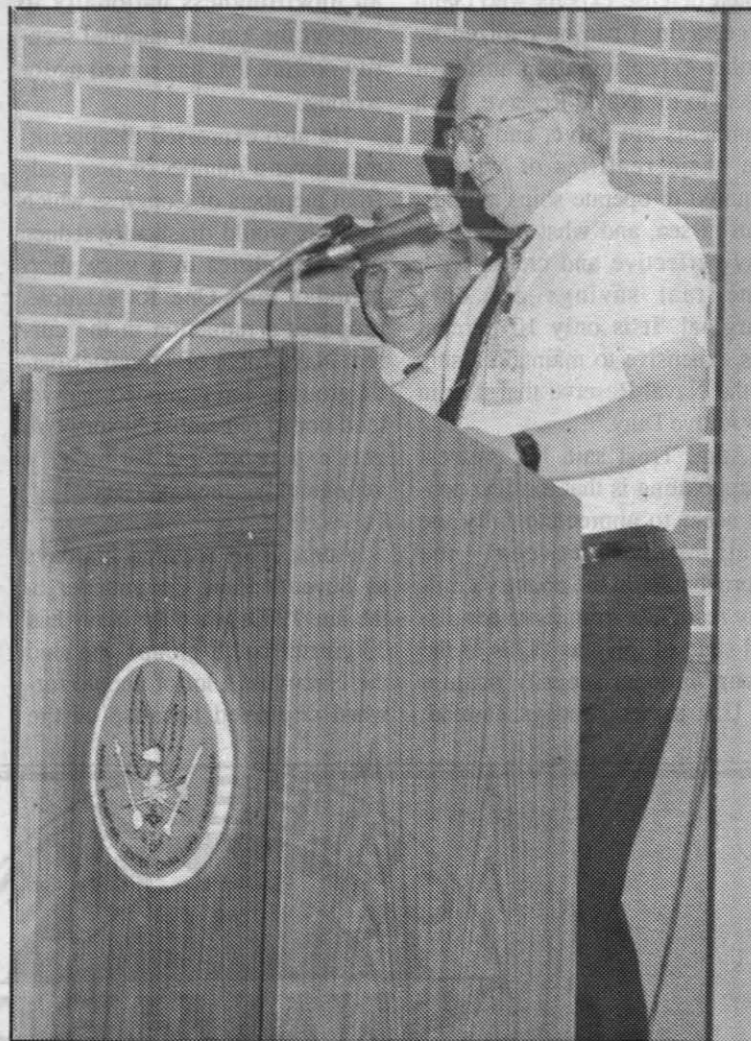
Senior Fellows named this year were Harold (Hal) Bennett, George W. Burdette, Gary Hewer, Richard Smith Hughes and Klaus Schadow.

Bennett, a research physicist at China Lake since 1956, currently serves as associate head of the Research Department's Physics Division. He has won numerous awards and fellowships, published over 100 papers in optics, contributed to several books and has eight patents on various optical instruments. His citation recognized achievements in the field of laser optics research. He noted how NWC has become a great place to do research. Quoting William B. McLean's description of the "creative scientist"—often considered a nuisance from childhood through professional career—Bennett listed the factors that help such people produce: First, he feels he has an important job; second, he has the chance for major gain; and third, he has the proper tools to do the job. "McLean saw that all those things were available at NWC. Management still does that today," Bennett concluded.

Burdette, a chemist in the Ordnance Systems Department (Code 32), was "deeply honored" to be nominated for this award by his peers. He began here as a junior professional in 1959, working almost exclusively in applied research on liquid propellants and airbreathing missile fuels.

Hewer began his civil service career as a mathematician in 1968 in NWC's Research Department, moving to the Intercept Weapons Department in 1976. His many papers on control theory and reports on radar signature analysis and Kalman filtering have established him as an expert in his field. On receiving the award, Hewer acknowledged coworkers who nurtured him in his early days and put up with his "crazy ideas" in control theory, and the managers who believed in what he was doing.

(Continued on Page 12)



**LONE DISTINGUISHED FELLOW--Joseph Mosko of the Attack Weapons Department, gives his acceptance speech before a capacity crowd in Michelson Laboratory 1000D.**

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### MWR announces Thursday Family Night

Doing things together is important in any family structure. Staff members at the Seafarer Club and Morale, Welfare & Recreation Division are making it easy for families to get together for fun and good food. Every Thursday evening, from 6 to 8 p.m., enjoy pool-side summer dining at the Officers' Club pool. This week's special is barbecued ribs. Costs vary, depending on what is ordered. Before dinner or after take advantage of the O'Club pool. Normal swimming prices apply.

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## Anglers find bass fishing hot from the shores of Tinemaha

Tinemaha Reservoir, in the Big Pine area, has bass ranging between 2 to 2 1/2 lbs., notes the Bishop Chamber of Commerce. Be sure to use a Mr. Twister lure. Big Pine Creek has nice pan size trout being caught on worms or salmon eggs. Nightcrawlers are the best bet in the Owens River.

To the south, Lone Pine Creek is giving up easy limits of planted rainbows to anglers using salmon eggs and Power Bait.

In the Bishop area, the higher elevation lakes -- Sabrina, North Lake and South Lake -- have been doing very well. Orange power bait, nightcrawlers and flies (mosquito or bright dot) in the morning or late evening hours seem to be working the best. Trolling on Sabrina is proving fruitful for those using a Dave Davis with a worm. Parcher's Resort reported a nice 1 1/2 to 2 lb. rainbow being caught up at Green Lake (approximately four miles up the trail from South Lake). North Lake has been best in the evening with a fly and bubble. All streams in the Bishop area have been releasing nice size catches. The Owens River is best in the evening hours and fly fishing has been better than bait fishing. Paradise Lodge reports fishing on the Lower Rock Creek has had nice results for those using yellow powerbait.

While fly fishing and bait fishing are good in the Rock Creek area, anglers should be warned the mosquitos are out in full force. Be sure to bring the repellent.

Two rainbows, each more than 3 lbs., were recently caught at Crowley Lake. When trolling, use a needlefish and for bait fishing, use worms or nightcrawlers.

Nice size trout, up to 3 lbs., are being caught at Convict Lake. People using their favorite lures or baits are catching their limits.

Fishing is picking up at Twin

Lakes in the Mammoth Lakes area. A 2lb. 11 pz. brown was recently reeled in. Try using a fly/bobber, small rapalla. Mary, Mamie and George lakes have been stocked with 2 to 3 lb. brooders. Nightcrawlers, powerbait or silver and gold Cast Masters are the best bets.

The San Joaquin River area near Reds' Meadow is producing trout in the 8 to 13 inch range. Try either worms or small lures.

The upper Owens River around Benton Crossing bridge and upstream has some 3 1/2 lb. rainbow being caught with small silver/gold lures. Powerbait and worms are also being used.

In the June Lakes area, June Lake is only fair, however, the trout are running into the 3 to 4 lb. range. Lures are working the best. Gull Lake is good for fly-fishing in the evening with a

**CHALLENGED THEIR ENDURANCE--Other China Lakers who participated in the Tahoe Relay were Bill Bailey, Ray Morrow, Michelle Bailey, Chris Rios, John Ayers, Pat Laburn and Randy Coleman**

Matuka or Hornberg. Worms or eggs in the evening are best on Silver Slake. For Rush Creek, try small lures, worms or eggs.

The reservoir in the Bridgeport area is releasing trout 4 to 4 1/2 lbs. Upper Twin Lakes is having good shore fishing with 2 to 3 lb. rainbows being brought in. Lower Twin Lakes is now good for Kokanee Salmon. The West Walker River has 4 lb. trout being brought in right off Hwy. 395 with a #2 gold Mepps. For fly-fishing, try the East Walker River.



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**Lite Life participated in the Ridgecrest Walk America Walkathon on April 21, 1990.**

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# Three China Lake teams compete at Tahoe

Relay race covers 77-miles; crosses two mountain passes and extracts a toll from runners

Desert Diamonds, consisting of seven Naval Weapons Center runners, finished second in the Corporate Team Category in the Tahoe Relay, which was held recently. The NWC second place winners were Mike Mumford, Code 39B5; Dianne Lucas, Code 304; Jerry Mumford, Code 39302; Kathy Rindt, Code 253; Tom Rindt, Code 3512; Corky Furnish, Code 24211; and Eric Kajiwara, Code 62305. Their race time was 9 hours and 21 minutes, which earned the team a 13th place finish overall.

Two other team of area runners also took part. Andrew Mitchell, Code 62353; Dennis Burge, Code 3816; Jo Kajiwara, Code 3602; Tom Miller, Code 62352; Tom Sakai, Code 3903; Tom Marshall, Code 35632; and Ron Going, Code 3563; finished fourth in the Corporate Team Category with a time of 10 hours and 38 minutes.

The team of Bill Bailey, Code 36223; Ray Morrow, Code 3921; Michelle Bailey, Code 3922; Chris Rios, Code 36841; John Ayers, Code 35704; Pat Laburn, Code 3921; and Randy Cole-

man, Code 3921; participated in the Open Category. Their finishing time was 11 hours and 2 minutes.

This annual race is usually conducted around Lake Tahoe, which is 72 miles. This year, however, due to highway construction on Highway 89, the race was altered, beginning and finishing at Meyers in South Lake Tahoe. The new course was 77.6 miles long. The race consists of seven legs that vary from 9.1 to 12.8 miles, with each team member running one leg of the race. Elevation gains are tremendous, as runners have to run through two passes, Spooner Summit, elevation 7,146, and Luther Pass, elevation 7,740.

This year's race had 76 teams entered. Participants came from throughout California and some were from out of state, including runners from Portland, Oregon.

According to Jo Kajiwara, there are usually three to four China Lake teams that challenge their endurance and participate in this gruelling race each year.



**FOURTH PLACE--**The team of (left to right) Andrew Mitchell, Dennis Burge, Jo Kajiwara, Tom Miller, Tom Sakai, Tom Marshall and Ron Going took fourth place in the Corporate Team Category in the Tahoe Relay. They finished with a time of 10 hours and 38 minutes.

PHOTOS AND STORY INFORMATION  
WERE SUBMITTED BY JO KAJIWARA

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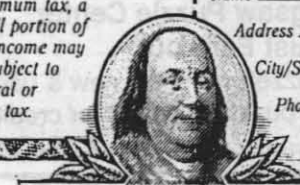
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**SECOND PLACE--**Desert Diamonds, an NWC running team, took second place in the Corporate Team Category of the Tahoe Relay with a time of 9 hours and 21 minutes. The seven team members are (left to right) Mike Mumford, Dianne Lucas, Jerry Mumford, Kathy and Tom Rindt, Corky Furnish and Erick Kajiwara.

Tryouts slated  
for Scorpions'  
Under-16 team

Tryouts for the Scorpion Soccer Club Under 16 Boy's Team will be held during the first three weeks of July on Mondays and Wednesdays from 5 to 7 p.m. at Davidove Field, located on-Center. All boys with birthdays in 1975 and 1976 are eligible to participate. For more information, call coach David Hollingsworth at 446-3005 in the evenings.



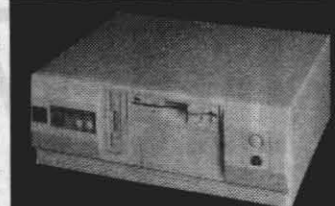
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Motorists on board the Naval Weapons Center (NWC) are reminded that China Lake Police Division (CLPD) officers enforce state and NWC traffic regulations.

According to Kerry B. Swig-

gum, traffic manager, CLPD Operations Branch, areas of concentration for radar traffic enforcement for next week are listed below.

- Monday -- Inyokern Road.
- Tuesday -- South Knox Road.

•Wednesday -- Sandquist Road.

•Thursday -- Blandy Avenue.

•Friday -- Lauritsen Road.

Violations may be cited at any time, as well as in areas other than the ones mentioned above.

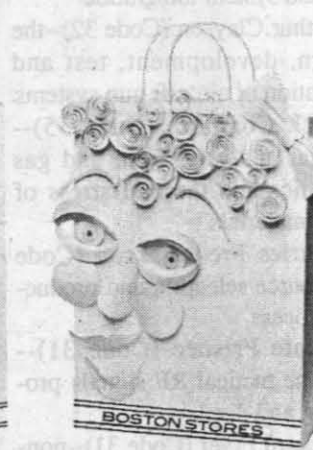
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# The heat is on. Boston Stores HOT HOT HOT Summer Sale.

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# Save 2540% off

## Sizzling Savings on name brand items for Women, Men, Children and the Home.

### WOMEN

Missy tops and shorts. Choose from woven and knit styles in stripes and prints. Reg. \$18.-26. Sale 33% off.\*  
Summer tops. Reg. \$18.-20. Sale 33% off.\*  
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Junior knit tops by Spumoni. Sizes S-M-L. Reg. \$24. Sale 25% off.\*  
Selected lycra items for Juniors. Choose from T-shirts, tank tops, bike shorts and capri's in prints and solids. Sizes S-M-L. Reg. \$10.-22. Sale 33% off.\*

Famous maker bras. Sale 33-50% off.

Selected summer sleepwear. Sale 50% off.

Selected summer loungers and shifts. Sale 33% off.

Selected vinyl bags. Sale 33-40% off.

Selected Mondo canvas bags. Sale 33-40% off.

Assorted summer jewelry. Sale 50% off.\*

### MEN

Selected knit tops. Orig. \$24.-30. Sale 50% off.

Selected swim trunks. Choose from solids and fancies. Orig. \$20.-22. Sale 40% off.

Haggard belted casual pants. Orig. \$32. Sale \$21.97.

Elastic back slacks. Orig. \$24.-26. Sale \$14.97-17.97.

Entire stock of Arrow and Van Heusen short sleeve dress shirts. Reg. \$21.-24. Sale 25% off.\*

Shorty pajamas. Orig. \$18. Sale \$13.97.

Bugle Boy denim shorts. Values to \$32. Sale 40% off.

### CHILDREN

Assorted summer knit dresses by Hot Bananas.

Toddler girls sizes and Girls sizes 4-6X and 7-14. Reg. \$14.-16. Sale 33% off.\*

King Kole sundresses. Toddler girls sizes and Girls sizes 4-6X and 7-14. Reg. \$16.-22. Sale 33% off.\*

Scoreboard T-shirts and shorts by Wonderknit. Boys sizes 8-20. Reg. \$12.-18. Sale 33% off.\*

### HOME

Terry bath towels. Assorted colors. Value \$8. Special \$3.97.

Dhurri 100% cotton woven place mats. Value \$3.

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"Savannah" 4-piece glass ovenware set by Toscana. Value \$30. Sale \$19.97.

Clear acrylic stemware by Epic. Choose from 4-piece wine, goblet, champagne and margarita sets. Value \$15. Sale \$9.97.

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WHITTIER  
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# Five receive coveted 'Senior Fellow' status

(Continued from Page 10)

If not for Hughes, the NWC Fellow program would not exist today. He conceived the idea, discussed it with coworkers, gained management endorsement and made it happen. Selected this year as a Senior Fellow for his achievements in high speed analog design, detector log video amplifiers and direction finding systems, Hughes' expertise is revealed in his four books, forty open literature publications, numerous NWC publications, and 21 issued patents. He has worked at China Lake since 1960 and is currently an analog circuit design consultant in the Attack Weapons Department. His impressive list of awards include the LTE Thompson, the Hack Wilson, and the William B.

McLean; and most recently, the Class A World Fast Draw Championship title. In a prepared speech read by Bruce Heydlauff, chairman of this year's selection committee, in his absence Hughes stated, "Whatever I have accomplished thus far in my career is due in large part to the mentoring I received in the early days, the technical inputs and discussions from many colleagues and the continued meaningful programs supplied by NWC management. Like many I came here because of the Junior Professional program and only planned to stay for four years. It's now been 30 years, and in all honesty, coming to NWC is the best career decision I could have made."

Selected as a Senior Fellow for his achievements in airbreath-

ing propulsion research, Schadow said he felt fortunate to be nominated from among "many peers who deserve this." Holding a Ph.D. in engineering from Germany, he began his civil service career at China Lake in 1970 and now heads up the Research Department's Propulsion Research Branch. The author of numerous open literature publications and technical reports, Schadow has nine patents and five more pending.

The newly selected NWC Fellows and their areas of expertise as called out in the citations are:

Marko Afendykiw (Code 39)--the development of millimeter-wave devices and circuit transmitter technology for radar-guided missiles

William Alltop (Code 38)--

applied mathematics

Vernon Anderson (Code 36)--the design of hardware and software for analog and digital electronic systems

Dr. Robert Berry (Code 31)--analytical and experimental techniques applied to air-to-ground target tracking, designation and fire-control systems

Henry Blazek (Code 36)--semiconductor processes, material characterization, and semiconductor components development

William Chan, Ph.D. (Code 36)--radio frequency signal propagation and wave scattering

Keith Clark (Code 39)--missile seeker gimbal design, control, and system integration

Arthur Clayton (Code 32)--the design, development, test and evaluation of aircraft gun systems

William Chan, Ph.D. (Code 36)--radio frequency signal propagation and wave scattering

Keith Clark (Code 39)--missile seeker gimbal design, control, and system integration

Arthur Clayton (Code 32)--the design, development, test and evaluation of aircraft gun systems

Dick Compton (Code 35)--thermal analysis, fluid and gas dynamics and thermal stress of brittle materials

Charles Frederickson (Code 36)--source selection and production process

Monte Frisbee (Code 31)--real-time tactical RF signals processing and display

Richard Fryer (Code 31)--non-intrusive monitoring of embedded, real-time computer systems and in real-time computer graphics

Lou Giegerich (Code 35) posthumous award--"in recognition of his achievements in mathematical modeling and simulation of missiles and aircraft for fuse design, warhead effectiveness

and target vulnerability analysis"

Richard Hanson (Code 39)--the development of the MK45 series of target detecting devices for the Standard Missile

Ted Hicks (Code 35)--structural mechanics composite structures for rocket motor cases

Flint Jacobs (Code 36)--the development and maintenance of R&M capabilities at NWC

Dr. Charles Jones (Code 31)--electronics design for embedded real-time systems, including digital controllers and aircraft sensor interfaces

Patrick Keller (Code 62)--range support instrumentation systems and application of video for gathering weapon's system performance data

Albert Lepie (Code 38)--the field of mechanical properties characterization of solid rocket propellants

Dr. Bruce Lucas (Code 31)--automatic target recognition algorithms

Joseph McDonough (Code 36)--contributions to the quality of airborne weapons

Marc Moulton (Code 35)--electro optical guidance technology and data link systems

William Norris (Code 38)--chemical synthesis, structure determination, reaction rate kinetics, and mechanism studies of energetic materials, organometallic and fluoroorganic compounds

Gary Ozunas (Code 35)--laser guidance, laser guided bombs, missiles and trackers

Jack Pakulak (Code 32)--research and testing of the response of weapon systems and components to fire and shock

R. David Pogge (Code 64)--analog and digital signal processing, use of microprocessors in fuze designs, and support for ADA

(Continued on Page 13)



**SENIOR FELLOWS**--Bill Porter (far left), NWC technical director, paused for a photo after making presentations to NWC's newest Senior Fellows. From left to right: Klaus Schadow, George Burdette, Hal Bennett and Gary Hewer. Richard Hughes, the fifth senior fellow, was not present.

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**CHINA LAKE TECHNICAL TRADE SHOW**  
 being held at the Carriage Inn  
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 Ridgcrest  
 Wednesday and Thursday, June 27th and 28th from 8 a.m. to 4 p.m.  
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## NWC Fellows:

Expertise in their field, technical accomplishments help bring this honor to 33 China Lake employees this year

(Continued from Page 12)

James Porteus (Code 38)--the field of surface physics and your important contributions to the understanding of laser damage and heating phenomena

James Rieger (Code 64)--support of encrypted telemetry data, video data compression techniques and contributions to the International Telemetry Conference

Donald Jon Rogerson (Code 62)--real time radiography to the evaluation of ordnance systems

Ron Skatvold (Code 39)--the design and measurement of active and passive microwave components, antenna phased array control modules, antennas and radar cross section technology

Ted Smith (Code 39)--the fields of infrared spectral interferometry, infrared signature analyses and heat transfer research on aerothermal heating of domes, aerospike and cavity windows

James Stokes, Ph.D. (Code 36)--mechanical and physical metallurgy, nondestructive testing and corrosion control

Gene Younkin (Code 39)--the development and application of simulation models for performance analysis of the Sidewinder family of missiles and in providing effective liaison with the operational community

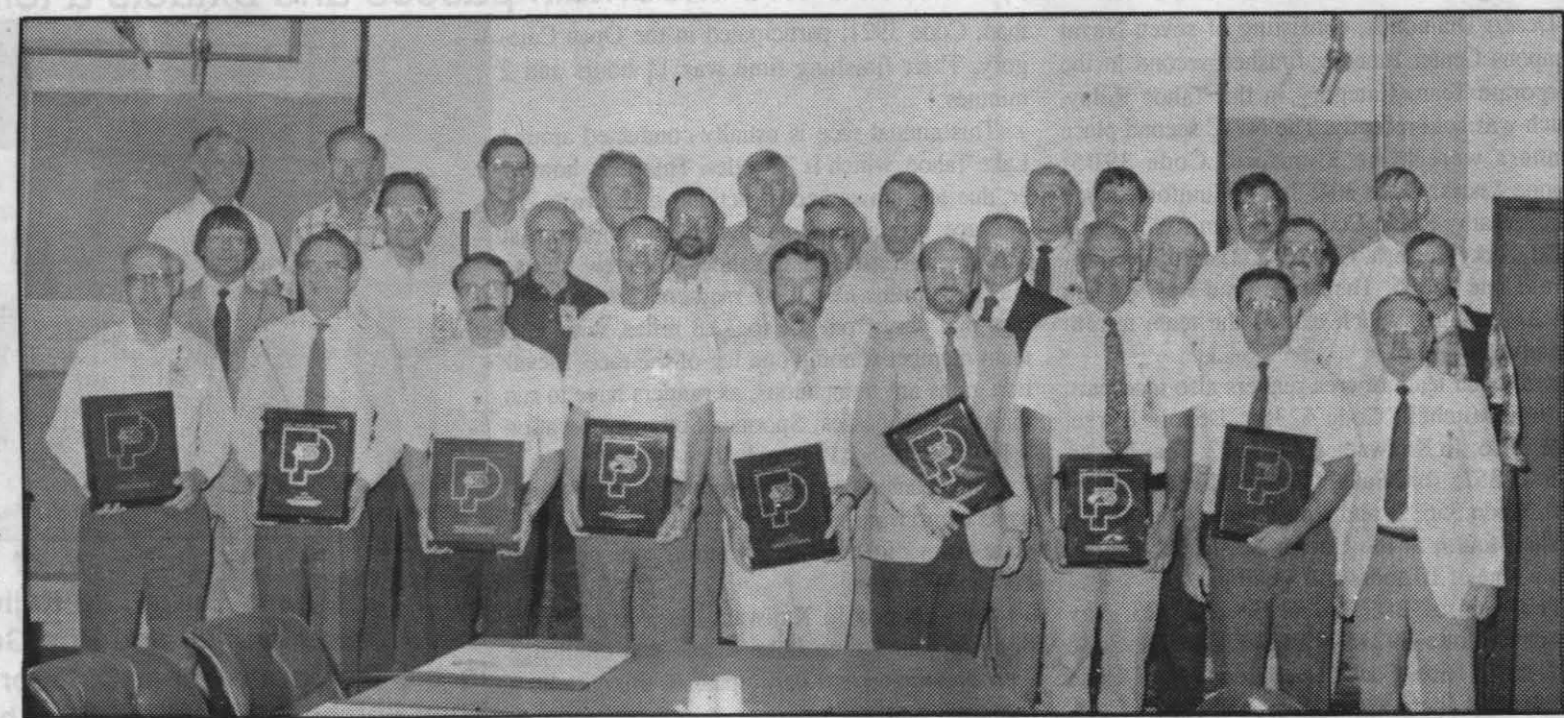
During presentation of the awards, a majority of the new Fellows attributed much of their technical success to China Lake's unique environment which stimulates creative ideas; and to the management which protects that environment. As recognized leaders of the technical community, NWC Fellows bear the responsibility for maintaining the capability, technical image and morale of NWC.

Dust and alkali were transported to the west side of the Indian Wells Valley on May 1 from the Owens Valley. Blowing dust and sand were recorded on May 10 and 23, with visibility dropping

**Early deadline will apply for July 6 Rocketeer**

Because the Fourth of July holiday falls on a Wednesday this year, the deadline for submission of articles and news items to the Rocketeer has been moved to close of business on Friday, June 29.

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**1990 FELLOW AWARD WINNERS**--Thirty three NWC technical personnel received formal peer recognition for their continued and outstanding contributions to the technical success of NWC at the 1990 NWC Fellow awards ceremony last week. Missing from the photo are William Alltop, Joe McDonough, Gary Ozunas, and Lou Giegerich, who's family will receive his posthumous award.

## Windy and dry May goes into weather record book

Last month was the windiest May since 1962 and the monthly mean relative humidity of 29 percent goes into the record books as the fifth lowest on record, tying other years, notes the Range Meteorology Office, Range Support Branch.

An upper level trough of low pressure was located over the western United States and the jet stream was south of its normal position for most of May, resulting in several periods of unsettled weather and strong winds for the local region.

Dust and alkali were transported to the west side of the Indian Wells Valley on May 1 from the Owens Valley. Blowing dust and sand were recorded on May 10 and 23, with visibility dropping

to two miles at Armitage Field on May 10. Surface winds averaged 2.4 knots stronger than normal with an average of 10 knots or higher on 17 days.

The month started with a low pressure system over Arizona, causing a northerly flow into the Indian Wells Valley, which resulted in weak cold fronts moving through the region on May 7, 10, 14, 18, 23, 27 and 30.

Sufficient moisture accompanied the system on May 27 and precipitation was recorded in the valley with snow over the Sierra Nevada above 6,000 feet. Thunder showers were observed over the mountains on NWC's north range during the afternoon of May 28. On May 27, Junction Ranch had 0.04 of an inch of rain, while the Range Systems Laboratory had 0.02 of an inch.

Junction Ranch received another 0.01 of an inch of rain on May 28.

The mean monthly temperature was almost a degree above normal with afternoon readings

colder and early morning readings warmer than normal. The warmer nighttime readings were the result of mixing caused by stronger than normal surface winds.

## NWC alumni set '55 Alive' class

Three China Lake alumni recently qualified as instructors for "55 Alive Defensive Driving," a course for senior citizens sponsored by AARP. Capt. Robert Osman, CHC, USN (Ret.), former senior chaplain at NWC in the 1970s; Dave Livingston, who retired as head of the Electro-Optics Division of the Weapons Department in 1981 and Bill Cooper, who retired from the Engineering Department in 1987, were certified by Del Chambers, assistant state 55 Alive coordinator.

California law requires insurers to give an appropriate discount to drivers taking this course. The certificate is good for three years.

The next class, offered with Chambers as the instructor, is set for next Thursday and Friday, June 28-29. Anyone interested in the June 28-29 class should send an \$8 check, payable to AARP, to Del Chambers, P.O. Box 9, Lone Pine, 93545. Normal class hours are 9 a.m. to 3 p.m. with an hour for lunch. An evening class, from 6 to 10 p.m. is possible if there is enough demand.

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