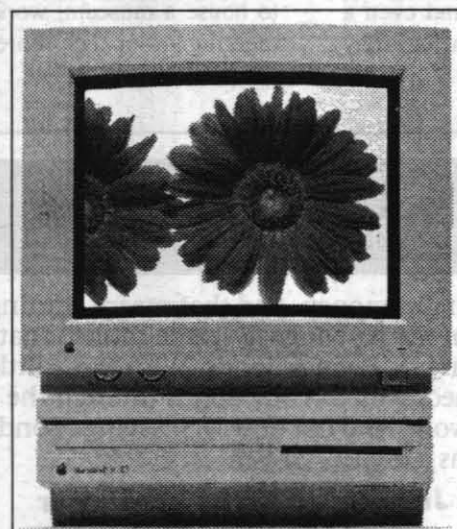


# MACINTOSH SPRING SALE

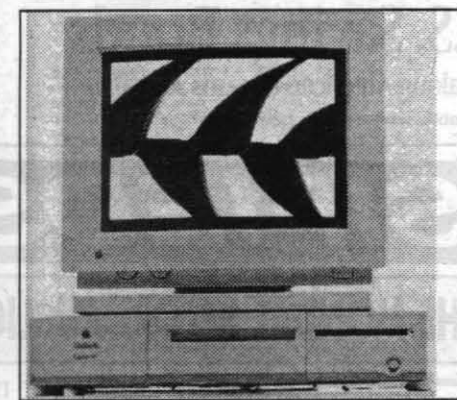
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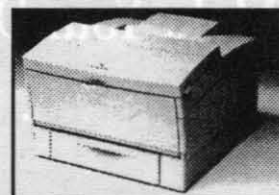
- 8 built-in ports for peripherals
- 3 NuBus expansion slots
- 25-MHz 68040 processor
- System 7 & Built-In AppleTalk
- Runs thousands of Macintosh applications



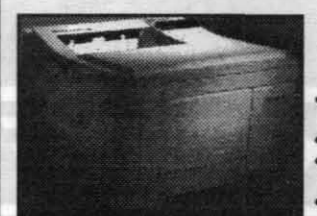
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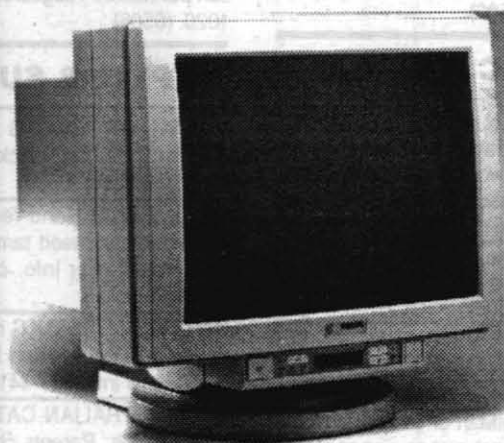
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# THE ROCKETEER

THURSDAY, MAY 6, 1993

NAVAL AIR WEAPONS STATION, CHINA LAKE

Vol. 49, No. 9

## Chemlite technology transfer earns prestigious award for Richter, Henry and Johnson

By Barry McDonald  
Editor

More than 25 years after they first started "playing with this stuff," Herb Richter, head of the Combustion/Detonation Research Branch of the Research Department, and others are still receiving recognition for their work with chemiluminescence. On April 20, Richter and Dr. Ronald Henry and Joseph Johnson, who are both retired, received the Federal Laboratory Consortium Excellence in Technology Transfer Award in Pittsburgh, Pa. From 67 award submissions, 28 awards were granted—five DoD and two of those, Navy.

The award stemmed from pioneering licensing agreements for rights to use government-owned patents in the production of "chemlites" by private enterprise. While Henry and Johnson were unable to attend the ceremonies, Richter was invited to present a brief on the process they used to transfer the chemlite technology to industry.

Research into chemiluminescence—the production of light from a chemical reaction—began in 1962 as a joint Navy lab, industry and university effort, sponsored by the Office of Naval Research. By 1969, from a darkroom curiosity of firefly intensity, researchers were able to increase light yield by a factor of 10,000, capable of practical application. Light sticks were first used militarily as target markers, flares, replacements for flashlights, for locating downed pilots and in man-overboard situations.

Early chemlites consisted of a standard medical ampule, containing one chemical liquid, encased at one end of clear heat-shrink tubing. Another chemical liquid filled the remainder of the tube and both ends were sealed. To activate the chemical reaction, the ampule tip was broken off and the liquids allowed to mix.

Part of the problem they encountered in getting it produced commercially was the lack of a requirement for a national stock number. So they devised an aggressive marketing approach by Navy, Marine and Army liaison officers and civilian teams, that included Lt. Col. George O'Grady, Maj. Jack Pipa, Richter, Robert L. Gerber, Carl H. Morley, Steven M. Little, William S. (Bill) McEwan and Carl A. Heller.

After numerous "show and tell" demonstrations by these teams, "free samples" were sent out for test and evaluation and to identify military applications in return for written user reports that were used to show the need for commercial production. For this early T&E and marketing, China Lake produced 5,000 light sticks in-house by hand and contracted a local firm to

Please see **CHEMILUMINESCENCE**, Page 6

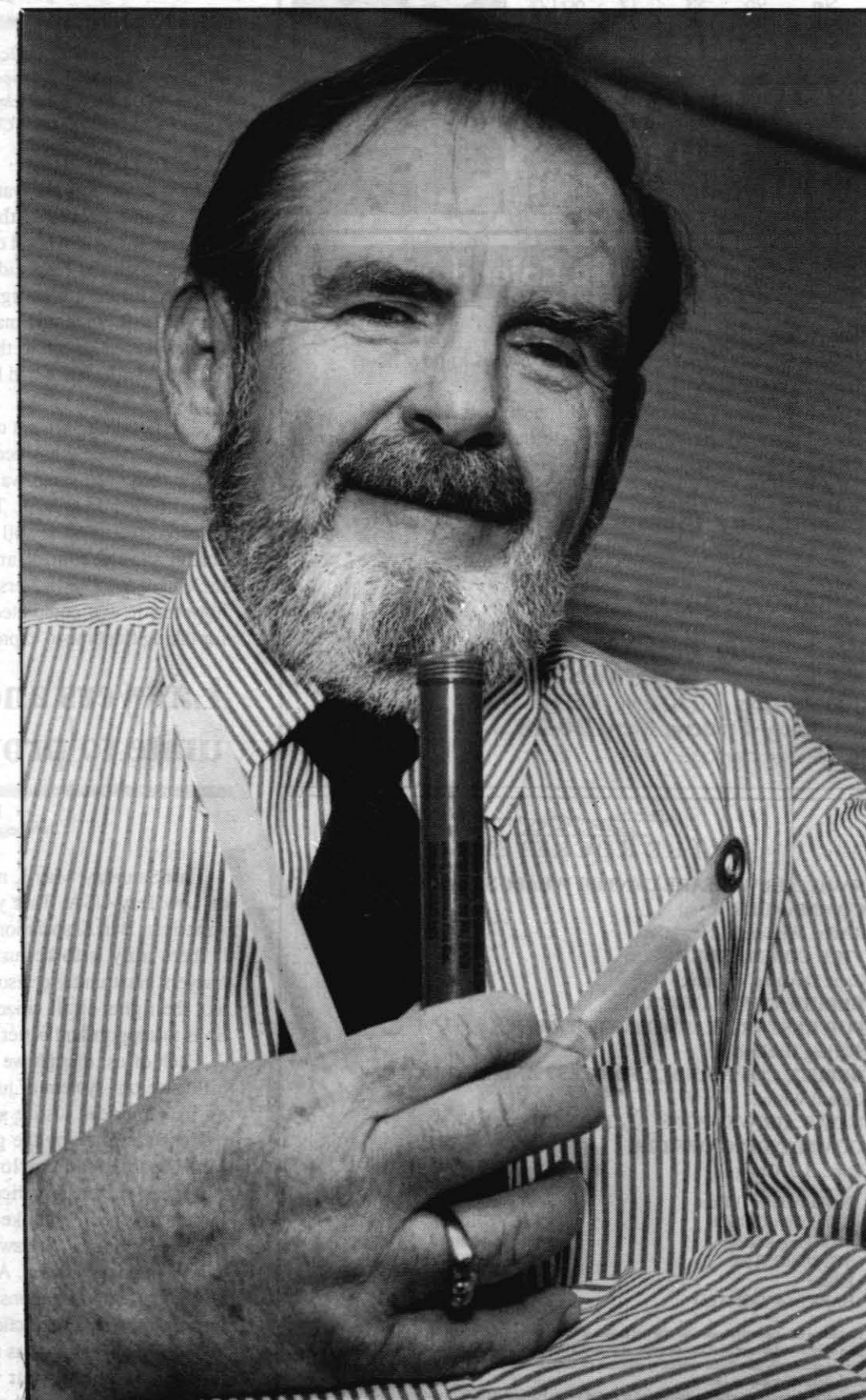


Photo by Terry Pascarella

### Commander's Award for Mary Ann Brown

Recently retired super secretary returns to receive special honor from NAWCWPNS skipper

5

### MWR has a cure for summertime blues

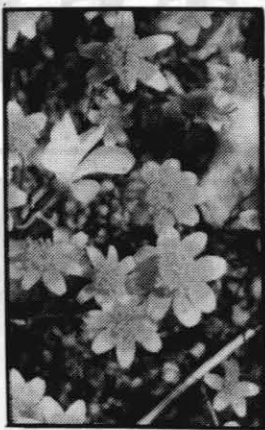
"Discover the Magic" youth brochure details classes and other happenings to make dog-day doldrums disappear

17



## Weather

	Max.	Min.	Gusts	Humidity
Wed	88	55	26	60-11%
Thurs	88	55	18	31-11%
Fri	91	44	9	57-12%
Sat	94	48	14	55-12%
Sun	96	53	12	60-12%
Mon	96	55	22	53-12%
Tues	100	54	19	38-11%
Wed	100	51	10	54-11%
Thurs	96	58	19	54-14%
Fri	91	61	23	40-11%
Sat	89	66	18	-
Sun	96	54	20	-
Mon	91	71	30	29-18%
Tues	81	59	17	36-16%



## China Lake Calendar

### Monday, May 10

•NAWS China Lake Commissary switches to new hours

### Tuesday, May 11

•WACOM luncheon meeting, 11 a.m., Seafarer Club  
•Boeing representatives will demonstrate advanced concepts, capabilities relating to mission planning; 10 a.m. and 1 p.m., Conference Room B/C, Michelson Laboratory

### Wednesday-Thursday, May 12-13

•Service Contracts Act training, 7:30-11:30 a.m., 12:30-4:30 p.m., Training Center

### Saturday, May 15

•Armed Forces Day

### Wednesday, May 19

•National Employee Health and Fitness Day Two-Mile Walk/Jog, 11:30 a.m., McBride Park

### Monday-Friday, May 24-28

•American Heritage Week

## THE ROCKETEER

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## The Commanding Officer's Desktop



The Commanding Officer's Desktop is a forum for China Lakers who have questions of broad interest. It is not the intent of this column to circumvent the normal chain of command. Questions may be mailed to "CO's Desktop," C/O Code C08033, NAWS, China Lake.

### QUESTION

I am addressing the water hazard that occurs when leaving the airfield heading towards the intersection of China Lake Blvd. and Inyokern Rd. A big pond develops just beyond the airfield gate heading south on the right side of the road during any substantial rain. Running further to the right of the pond is a drainage ditch approximately 20-ft.-wide and maybe 8-ft.-deep. Why can't a drainage pipe from that area be run to the ditch? It's only about 40 feet in distance and would alleviate a bad hazard.

### ANSWER

The flooding problem on the road experienced by personnel working at the Airfield has been alleviated with a sump on the west side of the road. The sump was created by grading the drainage so water would flow into a basin. The gravel lined basin allows excess water to percolate into the soil instead of pooling on the roadway. This action should control any future flooding problems. Unusually inclement weather adversely impacted the timeline on the project, however, it was completed the second week in January. Thank you for taking the time to express your concern.

## Lawyers and non-lawyers must unite to provide 'justice for all'

By Lt. R.J. Hatley  
Staff Judge Advocate, NAWS China Lake

Last Saturday, May 1, marked the 36th annual national observance of Law Day USA. This year's Law Day message, as expressed by American Bar Association President J. Michael McWilliams, is that if there truly is to be justice for all in America, lawyers and non-lawyers must unite to resolve the problems facing our courts, to protect the rights of all citizens and to discharge our individual obligations to support and better the justice system.

Each of us, though we probably don't realize it, has the ability to influence our system of justice. And not only can we have an impact on the American justice system, we must have such an impact if all citizens are to enjoy the guarantee of "justice for all." According to McWilliams, "our national commitment must come from every American citizen. America's justice system is every bit as precious as our environment, and like our environment, it is for everyone. It does not just belong to the lawyers and judges of America—it belongs to every American citizen. And because it belongs to every one of us, it is our collective responsibility to join together in working for its improvement and protection."

How, then, can you as a citizen improve and protect our system of justice? By letting your voice be heard through writing or calling your elected local, state and federal representatives concerning your dissatisfaction over the lack of legal services available to the poor; the importance of sufficient funding for the criminal justice system; and, the need for criminal justice reform to adequately deal with crime and drugs. Or forming coalitions with state and local bar associations to promote local criminal justice improvement projects. Or attending a city council meeting. Or voting. Or doing anything other than simply complaining.

It has been said that we get what we expect. It is only by getting involved that we as citizens can realize our potential to impact the justice system for the better. Although Law Day is over, I challenge all military and civilian personnel, during the next year, to do more than pay mere lip service to the Pledge of Allegiance's promise of justice for all.

## Pages From The Past

May 6 & 13, 1983

Ralph L. Bauer, associate head of the Fuze and Sensors Department, ended 30 years service by earning the Navy Meritorious Civilian Service Award as he retired. . . AO2 Joe Hammond of the Aircraft Department was presented the Navy Marine Corps Medal for heroism while assigned to the USS Ranger. . . Cdr. Roger Hull is the new VX-5 executive officer. . . Santiago Rodriguez, affirmative action officer for Stanford University, was the guest speaker for the Cinco de Mayo lunch.

May 4 & 11, 1973

Voters approved unification of the China Lake, Rand and Indian Wells Valley School Districts with Burroughs High for Sierra Sands Unified School District. . . The L.T.E. Thompson Awards went to Carl Schaniel and Pierre St. Amand. . . Walt LaBerge officially became acting NWC technical director this week. . . RAdm. Paul Pugh was named to take command of NWC, relieving RAdm. Henry Suerstedt.

May 3 & 10, 1963

China Lake was featured in the May issue of Westways, the official magazine of the Automobile Club of Southern California. . . Top rental rates for Station housing was boosted to \$208 a month. . . Raymond Pierson of the Research Department, helped write a new book on chemical analysis. . . Bill Danley is the new president for the Supervisor's Association. . . Chuck Falterman and Percival Wiggins won the third annual Hollister Cub Tourney at the China Lake Golf Course.

May 6 & 13, 1953

Joy Nelson, 14-year-old daughter of Mr. & Mrs. R.M. Nelson, has qualified for enrollment in the University of Chicago. . . Robert Wegner, the first China Lake superintendent of schools, died at his home in New Mexico. . . Actor Pat O'Brien is set as master of ceremonies for the China Lake Little League opening day. . . Dr. Eugene Lieber was trade work in the NOTS Research Department for a teaching position at Purdue University.

## Josh's Spring Fair begins today

Josh's Spring Fair and Youth Expo opens today, May 6, and will continue through May 9. General admission is \$3 for those 13 years of age and older, \$1 for children five to 12 years of age and \$1 for seniors (65 years of age and older). There is no charge for children under the age of five.

Wristband Days will be held Thursday and Sunday. People purchasing the wristbands will be able to enjoy all the rides for one set price. The Thursday wristband costs \$9, or \$7 with a coupon; and the Sunday wristband is \$12, or \$9 with coupon. Coupons are available at both Albertson's

stores. The wristbands can be purchased at the carnival's ticket booths.

The entrance gate to the fair will be open from 5 to 11 p.m. Thursday, 3 p.m. to midnight Friday, noon to midnight Saturday and noon to 10 p.m. Sunday.

Activities will include the carnival, bands, a reptile safari, games and contests, food booths, local entertainment, exhibit booths, clowns and Alan Redstone's one man band.

On Friday, May 7, the High School Rodeo begins at 6 p.m.

And on Sunday, May 9, mothers are invited to attend the carnival at no charge, in honor of Mother's Day.

## These Days, It Takes More Than A Wish To Make Your Dreams Come True.



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HELP WANTED .....10  
CHURCHES .....12  
SERVICES/SCHOOLS .....15  
RENTALS .....20  
REAL ESTATE .....25  
BUSINESSES .....30  
AUTOMOTIVE .....35  
MISC. FOR SALE .....40  
PETS & SUPPLIES .....45  
GARAGE SALES .....50

DEADLINE FOR ALL CLASSIFIED  
LINE ADS IS 11:00 A.M.  
THE MONDAY BEFORE PUBLICATION

DEADLINE FOR ALL CLASSIFIED LINE ADS IS 11:00 A.M. THE MONDAY BEFORE PUBLICATION

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RESPONSIBLE TEENAGER to babysit 2 girls ages 5 & 6 for the summer in our home. Call 446-0813, lv. msg. on machine if no answer. (0506)

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MODERN, clean 1 bdrm. w/walk-in closet, stove, refrig., microwave, pool, on-site laundry, W/T paid. \$325/mo. + dep. Call 371-4984 after 5 p.m. (0520)

### 25 REAL ESTATE

MINI RANCH for sale. 2021 Autumn Way. Prime location, 2BR, 2BA, manufactured energy home on Vesper foundation, w/large FamRm, FP, inside laundry, garden bath, on 2.5 acres, fully fenced w/complete horse setup incl. barn and tack room. Own well and drip system, lots of trees. \$76,000. 446-1554, lv. msg. (0506)

## Green Valley Lake mountain top festival set for June 26-27

Green Valley Lake Community Center's seventh annual Mountain Top Country Festival is set for June 26 and 27.

The festival, running from 10 a.m. to 5 p.m., will feature the old time traditional music of the Upstairs String Band, frontier shootouts, gunfighter melodramas, an arts and crafts fair, and even a campfire sing-a-long on Saturday evening.

Cost is \$3 for adults and \$1 for people with military I.D. and children.

Green Valley Lake is a small community located high in the San Bernardino Mountains between Lake Arrowhead and Big Bear.

Proceeds from the festival will be used to fund the building of a center to house a museum, workshops and meeting room. For more information, call 909-867-2130.

Most of the time, it takes money. And that means starting to plan now so that you can reach your goals in the future. That's why you should invest in U.S. Savings Bonds. With just a little money from each paycheck, you can buy Bonds through the Payroll Savings Plan at work. Find out how U.S. Savings Bonds are making American dreams a reality.

Contact: Lt. j.g. Julie Toft, NAWS Coordinator  
927-1552



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### 50 GARAGE SALES

MOVING SALE, household goods, big coffee table \$75. Murray 18 speed bike \$75. 8am-? 443 Hubbard Circle. (0506)



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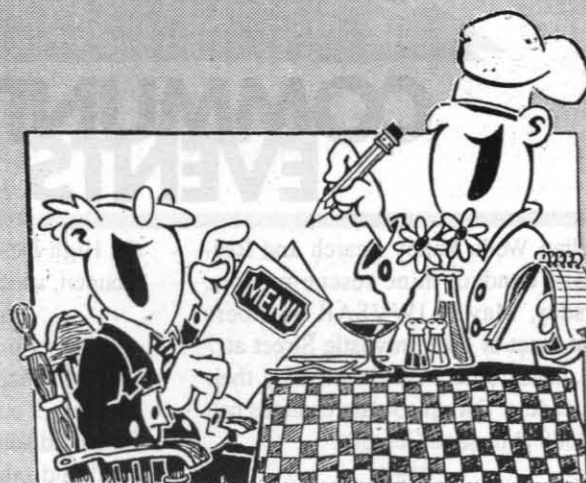
Buy 1 Big Mac at  
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Monday  
Buy One Sandwich  
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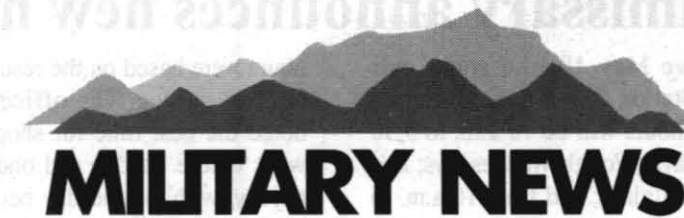
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## Armed Forces Day: Showing Pride in Our Service Members



By F. Peter Wigginton  
American Forces Information Service

On Saturday, May 15, America will honor members of its armed forces.

Major events across the country will take on increased significance this Armed Forces Day because of successes with Operations Restore Hope in Somalia and Provide Promise in Bosnia and Desert Storm. The theme, "Proud...Professional...Prepared," heralds this year's events across the country.

Since first celebrated on May 2, 1950, Armed Forces Day has provided an opportunity to pay tribute to the men and women of the armed forces. Prior to 1949, each service conducted its own day of ceremonies at varying times of the year.

On July 26, 1947, Congress approved the National Security Act, which combined the executive departments of War and the Navy into the single Department of Defense. The act created a new cabinet post of secretary of defense and consolidated the Army, Navy and Air Force into a single national military establishment.

Two years later, Defense Secretary Louis Johnson announced the creation of an Armed Forces Day to replace Army, Navy and Air Force days. The annual date would be the third Saturday in May.

The first Armed Forces Day saw 10,000 troops of all branches parade past President Harry S. Truman in Washington, while in New York City, an estimated 33,000 participants celebrated under an air cover of 250 military

planes. Moth-balled World War II battleships—USS Missouri, USS New Jersey, USS North Carolina and USS Iowa—lowered their gangplanks for public inspection.

The primary event in the nation's capital will be a two-day, five-service open house at nearby Andrews Air Force Base, Md. There will be demonstration flights by Army, Navy, Marine and Air Force aircraft, including F-15s, F-16s, F-18s and helicopters. A unit from the 82nd Airborne Division, Fort Bragg, N.C., will execute an airdrop and jump. A base parade plus numerous static displays of aircraft and Army ground equipment will demonstrate U.S. military capability to Washington area residents.

"Throughout history, our armed forces have played an essential role in founding, nurturing and protecting our government and way of life," said Gen. Colin Powell, chairman of the Joint Chiefs of Staff. "Without doubt, future peace and stability in the world will continue to depend on our willingness to defend national interests worldwide. That will serve to challenge you, the men and women of the armed forces of the United States, to continue a tradition of selfless service. It will also require the personal sacrifice of families and loved ones."

"The people of this nation take comfort in knowing that there is nothing you can't handle, no difficulty you can't overcome, no challenge you don't relish and no mission you can't perform," he said. "Looking from our historically rich past to our proud present and into our unfolding future, I join Americans everywhere in paying tribute to and saluting you and your families on Armed Forces Day."

## Armed Forces Day message from your Secretary of Defense

By Master Sgt. Linda Lee, USA  
American Forces Information Service

DoD will offer selected active duty military members the chance to retire with as few as 15 years of service.

The option will be available to service members in specific grades and skills. Each service is developing a program, based on its short- and long-term needs. About 225,000 military members have between 15 and 20 years of service.

Those accepting early retirement will receive retired pay based on DoD's formula of 2.5 percent times years of service times basic pay minus one percent for each year of service less than 20. For example, an E-6 retiring after 20 years receives \$922 per month. After 18 years it would be \$813.40. With 15, it's \$627.

The 1993 defense authorization act gives DoD the temporary early retirement authority and requires those who accept the offer to register in a public and community service personnel registry. DoD and federal agencies are now working on the details for this program, such as what jobs qualify and how the personnel registry will work.

Generally, DoD personnel officials said, early retirees who then go into certain public or community service jobs will earn military retirement credits. Members who acquire additional credit in this way will see their retired pay increase up to a maximum of the full 20-year level upon reaching 62, the officials said. Until reaching 62, members will be paid at the rate they retired at.

Qualifying critical job fields might include elementary and secondary education, law enforcement, public health, social services, human resources and environmental and conservation projects. Although the law requires registration, accepting such a job is optional.

Service members who take advantage of early retirement are also eligible for all retirement benefits, including commissary and exchange privileges, medical care and the use of installation morale and welfare facilities. In addition, retirees under this program are subject to recall to active duty when authorized, the same as those who retire with 20 or more years' service.

The temporary early retirement authority is not an entitlement, DoD officials said. Another force management tool to draw down the services voluntarily, the program expires Oct. 1, 1995.

The special separation benefit and voluntary separation incentive, two programs in effect for a little over a year, offer targeted individuals a chance to leave the military early with financial compensation. According to DoD personnel officials, the programs are popular with service members with six to 15 years of service, but not with those who have served longer.

With the drawdown, DoD still has more people with 15 to 20 years of service than it needs, officials noted. As part of its review of defense programs, the Clinton administration re-examined progress and plans for the personnel drawdown and decided to use temporary early retirements to address those overstrengths, they said.

*Les Aspin*  
Les Aspin



## Commissary announces new hours

Effective May 10, the Naval Air Weapons Station China Lake Commissary's new hours will be 10 a.m. to 5:30 p.m. Mondays through Wednesdays, Fridays and Saturdays; and from 10 a.m. to 8:30 p.m. on Thursdays. The time period between 6 to 8:30 p.m. on Thursdays has been designated as "Family Night."

According to SHCS R. Binaoro, Commissary Officer-In-Charge, the new

hours were based on the results of a customers' survey. The officer-in-charge noted the best time for shopping is the week before payday and one week after payday, with Wednesday being the least busiest day of the week. SHCS Binaoro also urges families to take advantage of "Family Night," a time dedicated to the families of personnel who are serving or have served in the military.

## BUPERS admirals hit the road to brief sailors on manpower reduction plans

WASHINGTON (NNS) — Admirals from the Bureau of Naval Personnel are fanning out to visit Navy bases and home ports worldwide to update sailors on manpower reduction plans and quality of life programs. Their message: funding for quality of life programs is going up in 1993-94, and the number of sailors on active duty is going way down — while continuing to avoid involuntary separation of mid-career personnel.

The Navy is proposing an active-duty end strength of 480,800 by the end of FY-94 (Sept. 30, 1994), compared to earlier plans for 516,000 people in FY-94. The admirals from BUPERS are reassuring sailors that the Navy can achieve this large reduction with a combination of reduced accessions, early out programs, voluntary separation incentives and retirements.

In addition to explaining manpower reduction plans in detail, the BUPERS briefing describes 1994 plans for bachelor and family housing improvements; increased funding for Morale, Welfare and Recreation programs and other quality of life programs. Each briefing will be followed by a Q&A period.

As covered in the BUPERS briefing, the Navy's manpower strategy includes:

### Fleet Reserve plans installation of officers

On May 8, the new officers for the China Lake Branch and Unit 95 Fleet Reserve Association and Ladies Auxiliary for the 1993-1994 association year will be installed. The installation ceremony will take place at 2 p.m. in the Branch 95 home at the corner of Laurit-

sen and Entwistle streets, Naval Air Warfare Station China Lake.

All branch and unit members are urged to attend, and all active duty and retired U.S. Navy, Marine Corps and Coast Guard personnel, their families and friends are invited.



**SENIOR CHIEFS**—Three chiefs made senior chief recently at Air Test and Evaluation Squadron Five. Above, AZCS Charles Chitwood receives his single-star-anchor collar pins from VX-5 CO, Capt. Garth A. Van Sickle, left, and AMCS (AW) Robert M. Cheseldine. Below, Capt. Van Sickle and AVCM (AW/NAC) Charles E. Heston pin NCCS (AW) Mark E. Mize. Not shown is new senior chief AOCs (AW) Robert K. Zeh, who has since transferred to Norfolk, Va.



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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 (September thru June) 11:30 a.m.  
Men's Prayer Breakfast, East Wing, Thursday 6:30 a.m.  
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday 7:00 p.m.

### Jewish (446-4152 Messages)

Weekly Services, Friday, East Wing 7:30 p.m.  
October through June  
Hebrew Classes, Saturday, 1902 Dibb 2-5 p.m.  
Adult Education, Saturday, 1902 Dibb 10 a.m. - noon  
September through June  
Religious School, Sunday, 1902 Dibb 9:30 a.m.-12:30 p.m.

### Roman Catholic

Sunday Mass, Main Chapel 9:00 a.m.  
Daily Mass, Blessed Sacrament Chapel 11:35 a.m.  
Confessions, Sundays 8:15 - 8:45 a.m.  
Confessions, Weekdays By appointment  
Religious Education Classes, Sunday (September thru May)  
1902 Dibb, 1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher 10:15 a.m.  
Adult Education Classes, Thursdays (September - May)  
St. Ann's School Library 7:00 - 8:00 p.m.  
RCIA, St. Ann's School Library 8:15 - 9:45 p.m.  
**Islamic**  
Jumaa Prayer, Friday (1002 Blandy) 1:00 p.m.



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Chaplain Lt.j.g. David Alicea  
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939-3506, 939-2773, 939-2873

## COMMUNITY EVENTS

Indian Wells Valley Search and Rescue will conduct mine rescue practice Thursday, May 6. IWVSAR members should meet at 807 Entwistle Street at 7 p.m., unless otherwise directed by their team leaders. For up-to-date changes call 371-0888 (Message Center).

Elizabeth Berrien's work will be on display in an exhibit entitled "Mojave Wires" at the Maturango Museum's Sylvia Winslow Exhibition Gallery beginning May 8. A preview reception for members will be held May 7 from 7 to 9 p.m., including a presentation by the artist. Berrien has dedicated more than 20 years to her own unique art form of non-traditional wire sculpture. Her show will end June 2. Admission to the museum is \$1 for adults and 50 cents for children. There is no fee to members.

On May 7, the Exchange Club of Ridgecrest will hold its annual auction at the Elks Lodge, 201 E. Church Street. Items may be viewed from 10 to 11 a.m. The auction, which will raise funds for

the High Desert Child Abuse Prevention Council, starts at 11 a.m.

Mountain Valley Airport is the site of the Tehachapi Wind Fair, May 22 and 23, from 9 a.m. to 5 p.m. Southern California Edison will have a number of its wind and other alternative energy-related developments on display and in action, while the Kern Wind Energy Association is planning to present an operating wind turbine with solar panel; a wind turbine nacelle and blade display; a nose cone playground; and a telemetry display (a radio to telecom link from wind farm to control room). There will also be regularly scheduled free bus tours of a wind farm.

A Social Security representative will be at Ridgecrest City Hall, 100 W. California Ave., from 9:30 a.m. to 12:30 p.m. May 13, 27, June 10 and 24. People needing general information about Social Security can call the toll-free number, 1-800-772-1213, from 7 a.m. to 7 p.m. on any business day.

## BOSS ball set for May 15

On May 15, the Black Original Social Society, commonly referred to as BOSS, will hold its 12th Annual Scholarship Award and Installation Ball. Festivities will begin with no-host cocktails at 6 p.m. at Farris' at the Heritage. Dinner will be served at 7 p.m., and the program will begin at 8 p.m. Following the program will be dancing to the music provided by Golden Voice Production

MC/DJ John Phillips from San Diego. Cost to the ball is \$28.50 per person.

BOSS, a nonprofit, public benefit corporation, has been supporting the China Lake/Ridgecrest communities for the past 12 years.

For tickets to the ball, contact Roger Stewart at 446-4327, Norman Alexander at 446-9791 or Catherine Rogers at 375-4554.

## Cerro Coso is accepting applications for its youth work training program

Cerro Coso Community College will sponsor a Summer Youth Employment Training Program funded by the state from June 14 through August 20.

Twenty-three individuals will be selected to work full-time on the campus. Their hourly rate will be \$4.25 per hour. Included in the program will be mandatory class on career information and job search skills.

To be eligible for the program, an individual must be between 14 and 21 years of age, a resident of Kern County, and considered economically disadvantaged. People are eligible if they are in any of the following categories:

a. Receives or is a member of a family which receives cash welfare payments

under a federal, state, or local welfare program.

b. Low income as defined by SYETP guidelines.

c. A foster child.  
d. Is receiving food stamps pursuant to the Food Stamp Act of 1977.

e. Is a handicapped person whose income as a single dependent meets the requirements of clauses a and b, but who is a member of a family whose income does not meet such requirement.

Applications are available at the Student Services Center. Completed applications are to be returned as soon as possible.

For more information, call 375-5001, ext. 219.

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## Crumblish and Sadiarin named overall winners in MAD DASH

Mark Crumblish and Romelda Sadiarin were the top winners in the Marine Aviation Detachment's MAD DASH April 17 at the Naval Air Weapons Station China Lake. More than 100 people participated in this year's event, which included a 10K run and a 5K walk.

Crumblish crossed the finish line with a time of 36:55, while Sadiarin tallied a 54:25 finish. With those times, Crumblish and Sadiarin also took first place in the 25-34 Division.

Second place overall winners were Terri Ashton and Shari Keys.

Winners in the 15-24 Division were Scott Ross, with a time of 43:49; and

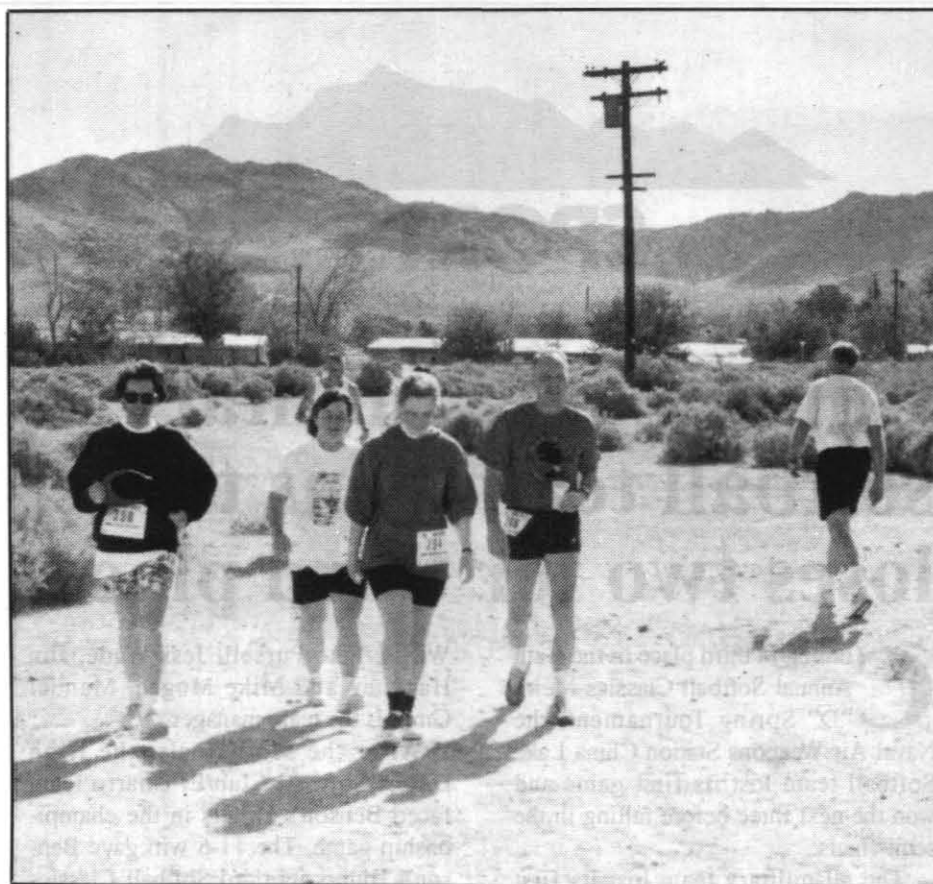
Satsuki Rouse, with a time of 57:12.

The 35-44 Division winners were Phil Martin, with a time of 44:15; and Shari Keys, with a time of 56:50.

Joe Oliver and Kathy Martin triumphed in the 45 & Over Division with respective times of 42:20 and 1:06:25.

While trophies and ribbons weren't given to any of the walkers participating in the event, they were eligible to participate in the drawings for door prizes following the race.

The MAD DASH is held annually to raise money for the Toys for Tots Campaign and to help fund the detachment's Marine Corps Ball.



MAD Photo

**WALKERS** and runners participated in the Marine's MAD DASH on April 17.

## China Lakers invited to watch intramural games

China Lakers are invited to come out and watch the intramural sports games being held aboard the Naval Air Weapons Station, China Lake.

Basketball games take place every

Monday and Wednesday from 6:30 p.m. to 9:30 p.m. at the gymnasium.

Softball games are being played every Tuesday and Thursday from 5:30 p.m. to 9 p.m. at Schoeffel Field.

## Classics Coed Spring Slowpitch Softball Tourney starts May 22

On May 22 and 23, the sixth annual Softball Classics Coed Spring Slowpitch Tournament will be held in Ridgecrest.

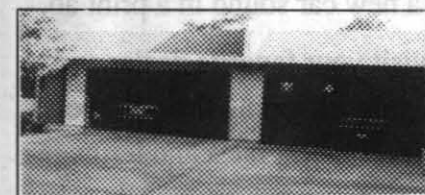
This double-elimination tournament holds a consolation bracket, guaranteeing three games for all teams. Team format will be equal number of male and female players per team. The entry fee of \$170 is due by May 16.

Sponsor trophies and individual awards will be given to the top two

teams and the consolation winner.

Other softball tournaments being planned include Women's "D/REC" Spring, June 5-6; Men's 3-Pitch Spring, June 5-6; and Badball Mixer Summer, June 26-27.

For more information, call Del R. Kellogg at 446-3152; Blimpie Sandwiches and Salads, 446-6969; John's Pizza, 446-4407; or Ridgecrest Parks and Recreation Department, 371-3741.



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## Brown ends federal career with Commander's Award

By Peggy Shoaf  
Staff Writer

While Mary Ann Brown might have wanted to retire without any fanfare, Naval Air Warfare Center Weapons Division management decided they couldn't let her 35 years of dedication and teamwork go unrewarded. Her "outstanding contributions as a secretary to the U.S. Navy and the China Lake site of the Naval Air Warfare Center Weapons Division" resulted in a Commander's Award last Thursday.

Presenting the award, RADM. William E. Newman, NAWCWPNS Commander, noted Brown had "demonstrated exceptional talent as a team builder and role model for the secretaries at the China Lake site."

"You have facilitated the development of secretaries as knowledgeable workers, and fostered their professional status and self-esteem," he continued. "You have

set the tone for professionalism and customer service in the Intercept Weapons Department and the Naval Air Warfare Center Weapons Division. In addition, you have been a key player in the Corporate Secretaries Board at China Lake."

Brown was nominated for the award by her boss, Jon Wunderlich, head of the Intercept Weapons Department. Gerry

R. Schiefer, Weapons Directorate, and Sterling Haaland, Deputy Commander for Research and Development, both concurred with the nomination.

"As the department secretary in the Intercept Weapons Department for the past eight

years," wrote Wunderlich in the nominating letter, "Ms. Brown has demonstrated exceptional talents and is a full-fledged member of the department management team. She actively participates in any and all issues where her knowledge/expertise is applicable. . . . She sets the tone for professionalism and customer service in the department office and her attitude is reflected throughout the entire department secretarial staff."



Photo by Terry Pascarella

**HONORING** her 35 years of service at China Lake, RADM. William E. Newman, NAWCWPNS Commander, presents the Commander's Award to Mary Ann Brown.

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## TECHNICAL HIGHLIGHTS



**TRICK-OR-TREATERS** are just one group that benefits from light stick technology transferred to industry. Near-infrared, "invisible" light sticks were used in Desert Storm, and commercial fishing interests are starting to use chemilites as lures.

### CHEMILUMINESCENCE from Page 1

produce another 15,000. "We had ship captains in the Vietnam War placing orders for them on stubs, and we'd make up the order and send it out," Richter said. "The need was identified quickly, but we hadn't yet established the requirement."

The marketing effort paid off, and the national stock number was established in 1974, the same year Richter and Ruth Tedrick patented the first government light sticks. American Cyanamid Company, meanwhile, had begun producing light sticks commercially under their own patents. That company became the first source for military procurement of the devices, and it also produced light sticks for the private sector. This was not the result of an official technology transfer. Rather, American Cyanamid had been involved in the original ONR project and used the mutually developed technology.

Richter and Tedrick were among the first group of patent holders to be honored for inventions that resulted in significant cost savings to the government. During the June 1985 ceremony, Technical Director Burrell Hays noted that American Cyanamid was producing three and a half million of the devices annually for DoD and more than 20 million for sale to others. Originally the "Inventions Awards," the annual honors are now known as the H.G. Wilson Awards.

Even after the light sticks were being produced commercially, Richter and associates continued to research ways to improve light output. With Dr. Ronald Henry, Richter patented new fluorescent dyes that produced higher light output, and with Joe Johnson, he patented a catalyst that gave

longer staying power under extremes of hot and cold.

These patents were issued in December 1986 and April 1987. "We patented the new developments mainly for protection," Richter said. "We didn't want the government to have to pay a commercial source for technology we had originally developed."

About that same time, however, Congress approved the Federal Technology Transfer Act of 1986, which called for individual government inventors to personally receive 20 percent of any royalties resulting from their patents. "This has been a big incentive to people," Richter said. "The other 80 percent goes back to the government laboratory and is used to fund more research. So it's good for everybody concerned."

He explained it wasn't his idea to try to license the new patents. "The patent and technology transfer people came to us," he said, "and urged us to transfer these last two patents to the private sector. Elaine Wunderlich (Commercial Applications and Transfer Office), Chuck Newmyer (Industrial and Government Liaison Office) and Mel Sliwka (Patent Office) took the lead and did most of the work on the transfer."

The submittal for the FLC award notes the transfer process was very challenging because the then Naval Weapons Center had no experience in licensing and that industry partners had never licensed federal technology. While Richter plays down his role in the process, the submittal reads, in part, "Through this entire process, Mr. Richter

Please see next page

## SPORTS

### China Lake's military softball team wins three, loses two for third place

Coming in third place in the sixth Annual Softball Classics Men's "D" Spring Tournament, the Naval Air Weapons Station China Lake Softball team lost its first game and won the next three before falling in the semi-finals.

The all-military team lost its first game to Benson's Hitters 13-1, but beat Desert Garage Doors 15-2, Edwards Air Force Base 6-5 and High Desert Softball Club/El Charro 10-0. After that shut-out, the China Lake squad faced the High Desert Softball Club/El Charro team once again, but couldn't come up with another win. The 5-3 loss knocked the military team out of the double-elimination tournament.

The NAWS China Lake team consisted of Brian Admire, Darrell Alexander, Steve Bants, Ronald Clark, Robert Cox, Charles Elliott, Edgar Garcia, Greg Laure, Dustin Miller, Arron Newbolt, Shawn Percy, Steve Stockert, J.D.

Willis, Pete Purcell, Jess Wade, Jim Hackney and Mike Mogee. Manuel Giron is the team manager.

After the semi-finals, the High Desert Softball Club/El Charro team faced Benson's Hitters in the championship game. The 11-6 win gave Benson's Hitters its third Softball Classics victory.

Two China Lake players, Bangs and Miller, were elected to the All-Tourney Team. Other All-Tourney Team members included Roman Revels, Steve Farmer and John Johantgen, from Benson's Hitters; Tom Pepper, Don Wright, Darren Harvey and Chris Armstrong, from High Desert Softball Club/El Charro; and Mike Hunter and Greg Bell, from Classic Pizza/Blimpie.

The Most Valuable Player (Offensive) award went to Keith Nicum, Benson's Hitters; while the MVP (Defensive) award went to Mike Stone, High Desert Softball Club/El Charro.

### Fishing slow in most places for opening of general trout season

Blue skies and warm weather highlighted the opening of the general trout season (April 24) in the Eastern Sierra, notes a report from the Bishop Chamber of Commerce.

During the opening weekend, a Long Beach resident caught a 5 1/2 lb. brown on night crawlers in the creek near Convict Lake. Another angler caught a 4 1/4 lb. rainbow on Convict Lake's south shore by using orange power bait. An angler at the inlet reeled in a 5 1/4 lb., 22-inch rainbow on green power bait.

Low water levels resulted in slow fishing from the river at Big Pine, but anglers were catching some bass. The creeks did very well, with one family catching a string of 10 browns, weighing about a pound each, on green power bait. At Big Pine Creek, worms are recommended.

Ice fishing was good at Sabrina and South Lake for anglers using little jigs with a worm and little kastmasters. Crickets have been most effective on the river.

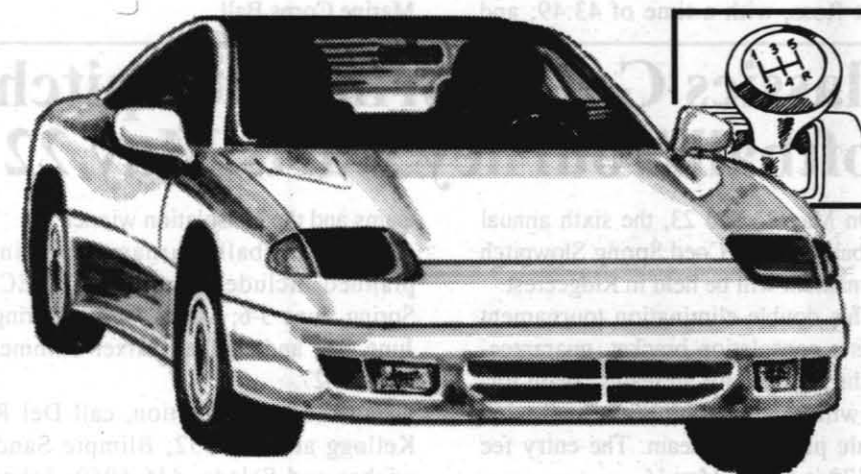
At Crowley Lake, the water was so cold fishing was slow; however, anglers fishing in the shallow water or near the surface of the lake brought in a lot of 15- to 18-inch fish. Power bait and worms are the suggested bait. If trolling, try rapalas and needlefish.

Snow is abundant at Mammoth Lakes and at Mammoth Creek, fishing is slow. On the river, fishing was also very spotty, with the river releasing mostly 1 to 3 lb. rainbows.

Fishing on June Lake was the best on the loop that weekend. Using a rapala, one angler reeled in a 10 lb. brown, while yellow power bait was working good in the bay. Fishing was spottier around the rest of the loop, with a 3 lb. rainbow being the average weight fish being caught.

At Bridgeport, cold water and windy weather caused a damper for the weekend. At Lower Twin Lakes, however, anglers were catching brown trout averaging 5 to 12 1/2 lbs. by using bait, flies and lures.

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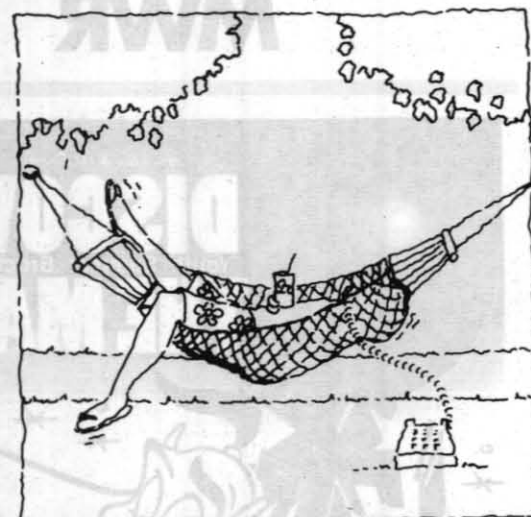
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### BROCHURE, from Page 17

has scheduled three special events this summer. There will be a Lock-In Party held July 15, a Sidewalk Coloring Contest on August 18 and a Baby-Sitting Course offered June 22-July 8.

For complete prices, age requirements, dates and so forth for any of these activities, pick up a "Discover the Magic" Summer Brochure as soon as possible. Some registration time periods have already begun.

Also included in the brochure are five free workshops offered to the public. On June 16, there will be a Bicycle Safety Workshop, while on June 30 there will be a D.A.R.E. Presentation. Members of the China Lake Search and Rescue Group will talk to those interested on elementary wilderness safety July 7, and on July 14 people of all ages can take a look inside an ambulance and talk to the people working for Liberty Ambulance. The final workshop

for the summer is one on Anti-Drug Awareness, set for July 21.

Dates and times for these workshops are printed in the brochure.

"I am proud to endorse this year's Youth Summer Brochure," said Capt. B.J. Craig, NAWS China Lake Commanding Officer. "The Youth Activities Division and the Sports Division have put together an aggressive package of summer programs/classes that will delight children and parents alike. This year's theme, "Discover the Magic," captures the magical and special time in each person's life—childhood!"

"It is with great pleasure that (the Morale, Welfare and Recreation Department) offers your children the opportunity to participate in the activities listed inside this brochure," Capt. Craig continued. "May you and your family have a fantastic, safe and magical summer!"

### Seafarer Club News

## Mother's Day buffet planned

"Honor thy mother" by taking her out to the Seafarer Club's buffet on Mother's Day, May 9. Reservations, which are necessary, may be made by calling 939-8658.

From 11 a.m. to 2 p.m., the club will offer baked chicken with stuffing,

baked ham with raisin sauce, whipped potatoes, country gravy, candied yams, buttered corn, seasoned green beans, soup and salad bar, assorted desserts and iced tea or coffee.

Cost is \$7.95 per adult and \$4.50 for children 12 years of age and younger.

## No-tap alibi bowling tournament has twist added to it for more fun

Starting at 6:30 p.m. on May 20, Hall Memorial Lanes will host a handicapped, four game, no-tap alibi tournament with a twist! In the first game, seven pins or more will constitute a strike, while in the second game, eight pins or more will be a strike. In the third and fourth games, nine pins will equal a strike.

The handicap will be 80 percent of 200. For bowlers who don't have an average, the minimums will be 145 for women and 165 for men.

The entry fee of \$15 per person pays

for the \$7 line, with \$8 going into the prize fund. The more players there are, the bigger the prize fund will be.

Deadline to enter the tournament is May 15. A minimum participation of 15 men and 10 women is needed for this tournament to take place.

"You don't have to be a great bowler to have fun at this tournament," said John Piroksa, the bowling center manager. "Come on out just for the good time."

For more information, call Hall Memorial Lanes at 939-3471.

## Nellis AFB plans chess tournament as part of Armed Forces Day celebration

As part of the base's Armed Forces Day celebration, the Community Center at Nellis Air Force Base is sponsoring a chess tournament May 14-16. United States Chess Federation membership is required to compete in this tournament. Introduction membership for three months is \$15 and yearly membership is \$30.

Entrance fee to this tournament is \$17, if received by May 10, and \$22 at site. Registrations can be made by calling DSN (formerly Autovon) 682-1815

or 682-1845 by May 14.

Cash prizes and trophies will be given to winners.

While this tournament is open to the public, Nellis AFB officials note it is a military-sponsored event and recommends military personnel ask for permissive TDY with command approval. Room reservations at Nellis can be made by calling DSN 682-5014.

For further information, call Kelly Colucci at DSN 682-5014.

### CHEMILUMINESCENCE from Page 6

and his team were steadfast in their commitments to see the technology transferred. They provided data, spoke with potential partners, briefed untold numbers of interested parties and gave unstintingly of their time and talents until the license agreements were signed."

Those agreements were signed with American Cyanamid in May of 1989 and Chemical Devices Corporation (now Omniglow) in July 1989.

Last week Richter received a letter of congratulations from Secretary Of Defense Les Aspin. "Technology Transfer is an important part of this Administration's plans to help revitalize the American economy," the Secretary wrote, and he went on to state that while defense R&D has provided troops with the highest quality weapons, "our nation has not been as adept at realizing the potential for private sector uses of the technologies developed in our military laboratories. In today's world, where economic power is so important to our long-run national security, that situation must change."

"Transferring technology can pay dividends to both defense and the commercial sector. Our military wins by continuing to have the benefit of defense laboratory research. Through the success of "dual-use" projects such as yours, our economy wins as well."

Besides applications for light stick technology, such as emergency flares, markers and other no-heat, no-power-supply light devices, and commercial novelty items such as earrings, belts, headbands and so on, the military used "invisible" (near-infrared) light sticks in Desert Storm for use with night vision equipment. And swordfish and other large fish seem to be attracted to light sticks attached to baited hooks. So deep sea fishing industry representatives have been talking with Richter about ways to further use the technology.

Looking at one of the original, hand-made light sticks, Richter said, "These have been good to me and I've had fun with them for 26 years."

## Uncle Sam adjusts per diem

By Evelyn D. Harris  
American Forces Information Service

Government travelers will have the same amount of money to spend in most U. S. cities, more in some and less in 86 localities under per diem rates that took effect March 12. The rates, published in the March 5 Federal Register, are available in DoD travel offices. Secretaries aboard the Naval Air Weapons Station China Lake also have copies.

For most destinations, the government reimburses travelers up to \$40 for lodging and \$26 for meals and incidentals. The government sets special rates for 595 designated high-cost cities.

This year, lodging rates decreased in 86 localities, including Battle Creek, Mich.; Hilton Head, S.C.; and Poughkeepsie, N.Y. Lodging allowances for 224 cities increased slightly. The government added 19 new locations to the special rates list.

The government sets the per diem rates based on an annual cost survey conducted by an independent travel consulting firm. The firm generally analyzes trends in typical posted "rack" rates or government rates, but GSA this year asked the firm to factor in the average corporate rate to ensure government rates were not set higher.

The government now has a four-tier structure for meal rates. Travelers will receive \$26, \$30, \$34 or \$38, depending on the location. The standard rate is the same as in 1992. Meal rates increased in 270 destinations, but fell in four.

Federal employees with business in Vail, Colo.,

can be reimbursed up to \$174 per day, but if they go to Denver, they shouldn't spend more than \$115. The government will shell out up to \$134 per day for travel to San Francisco and up to \$140 for Los Angeles. The 1992 rate for San Francisco was \$126, while the rate for Los Angeles was \$134.

Travelers to Fort Walton Beach, Fla., will be reimbursed \$92 per day, while travelers to Orlando get \$94. The 1992 rates were \$88 and \$89, respectively. Travelers to Washington, D.C., will get \$4 more per day in 1993 than last year—the rate increased to \$148.

In New York City and some other high-cost towns, room tax is a significant chunk of change. Room tax is reimbursed provided the total doesn't exceed the authorized lodging allowance. Government civilian and military travelers carrying valid orders aren't supposed to pay room tax, but a DoD resource manager said many hotels ignore that agreement. He suggested travelers check the hotel's tax policy when making reservations.

GSA officials said the government pays official travelers about \$1.5 billion a year for subsistence expenses. They estimate the new rates will increase the annual cost by \$47 million, or 3.1 percent.

DoD sets rates separately for U.S. cities outside the continental United States. It updates rates for areas such as Hawaii, Alaska and Puerto Rico "as-needed" instead of once a year. Currently, those with business in Hawaii can receive up to \$160 a day on Oahu and \$140 on Maui.

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## Straight Talk

By Lew Lundberg  
NAVC Technical Director



In this Straight Talk article, I will share with you some of the current thinking on the need, make-up and responsibility of the functional team. This will involve the establishment of processes to insure our people have the proper competencies to provide the world class support we need to make our programs successful.

With the current environment of reduced budgets and personnel draw downs, what is the best way to insure our people have the proper training and demonstrated competencies? The Technical Support QMB has determined we must be much more methodical in the future than we have been in the past. We

can no longer afford to be haphazard in the recruitment, development and assignment of our personnel. Instead, we must determine what our programs need and the inventory that we have in order to deal with any shortages or overages.

We need to know answers to questions like: What are the proper skills, experience, training and performance levels for a journeyman propulsion engineer? Or an aircraft systems engineer? Or a cost or price estimator? Or an avionics sensor engineer? Or a contract specialist? Or a "you fill in the blank." If we are to be successful in providing more with less, than each of us must be truly better at doing our jobs.

## More than 90 weapons seized in command-authorized inspections

In a recent message from Command Strike Fight Wing Pacific Fleet, Lemoore, Calif., the requirement and need for command-authorized inspections was again emphasized. During the past six months, 91 unauthorized weapons have been seized during such inspections at

naval installations throughout Southern California.

Weapons seized have included 42 knives and swords, 35 handguns, four clubs, three BB and pellet guns, one shotgun (rifle), three explosive devices, one container of mace, one nunchaku

The Technical Support QMB believes that the best way to deal with this problem is to establish a dedicated cadre of people that will provide full time emphasis on the answers to these questions. For example we may have a functional leadership area such as Air Vehicle Engineering. This functional leadership area would be led by a person, normally in NAVAIR HQ, who would be responsible for establishing the journeyman requirements for employees supporting air vehicle engineering. Factors to consider would be formal education, job experience, special training and currency. When an individual meets these requirements, that person would then be "qualified" to perform the duties of an air vehicle engineer. Individuals who meet these qualifications will be listed in our data base and will then become part of the cadre of people providing functional support in that area. Needless to say, this will take some time to fully develop, but it is important to bring about the process that will make it happen.

We are currently in the process of establishing the list of program support functional areas. I expect we will end up with a list of about 25 functional areas. Each of these areas must be carefully thought out to define the proper range of competencies to support programs, and yet avoid being so detailed that it totally eliminates the flexibility of our site managers to make work assignments and minimize down time.

The next step will be to analyze what our program needs are based on, and to define the needs of our program managers; and then to balance that against an inventory of people possessing skills in the required functional areas. This may generate some shortages and overages that will be adjusted with the additional training and job reassignments.

In the next Straight Talk I will complete the third organizational leg on the program support platform and show you how this will all work together to make us both more effective and efficient in support of the TEAM.

and one set of brass knuckles.

According to police officers at the Naval Air Weapons Station China Lake, such items as 250 plus tabs of LSD, three pounds of marijuana, methamphetamine, nunchakus and numerous firearms of various caliber have been

found during command-authorized vehicle inspections in the past year.

Command-authorized vehicle inspections and random searches for weapons and contraband will continue for the safety of all personnel living and working aboard NAWS China Lake.

## Discover the Magic

### Wide variety of activities offered to help offset the 'summertime blues'

Boredom can be a child's biggest enemy during the summer months and to help vanquish that enemy, the Naval Air Weapons Station China Lake Youth Center and Sports Division have a number of activities planned this summer for children of all ages. These activities are listed in the Center's "Discover the Magic" Youth Summer Brochure, now available at the Youth Center and Morale, Welfare and Recreation Department Office.

"This year we have a bigger variety of classes than ever before," said Debra Oliver, head of the NAWS China Lake Children Centers. "We also have a new camp for roller hockey and more field trips."

Activities in the brochure are open to the public unless otherwise specified. Day trips, for example, are limited to dependents of military and Department of Defense personnel because of insurance reasons.

Swimming lessons will be offered by the Sports Division at the China Lake Community and Solar Park pools Monday through Friday throughout the summer months. If the Indoor Pool becomes operational during this time, the lessons will be moved to this location. These classes are designed for infants as young as six months to adults and for beginners to those who want to refine their swimming techniques.

The Sports Division is also offering an Aqua-Aerobics course Tuesday, Wednesday and Thursday evenings. While this course is geared for adults, youth may still register for the class. Military members can register for these aquatic lessons from now through May 17. Registration for all others starts May 18.

This year, three one-day trips for military and DoD dependents are being planned. Youth

10 and older can visit Fiesta Village, Disneyland and the Exotic Feline Compound.

Children can discover the world of art this summer by taking some of the arts and craft classes being offered by the Youth Center. Youth will be able to learn about mask making, ceramics, basic drawing and craft making.

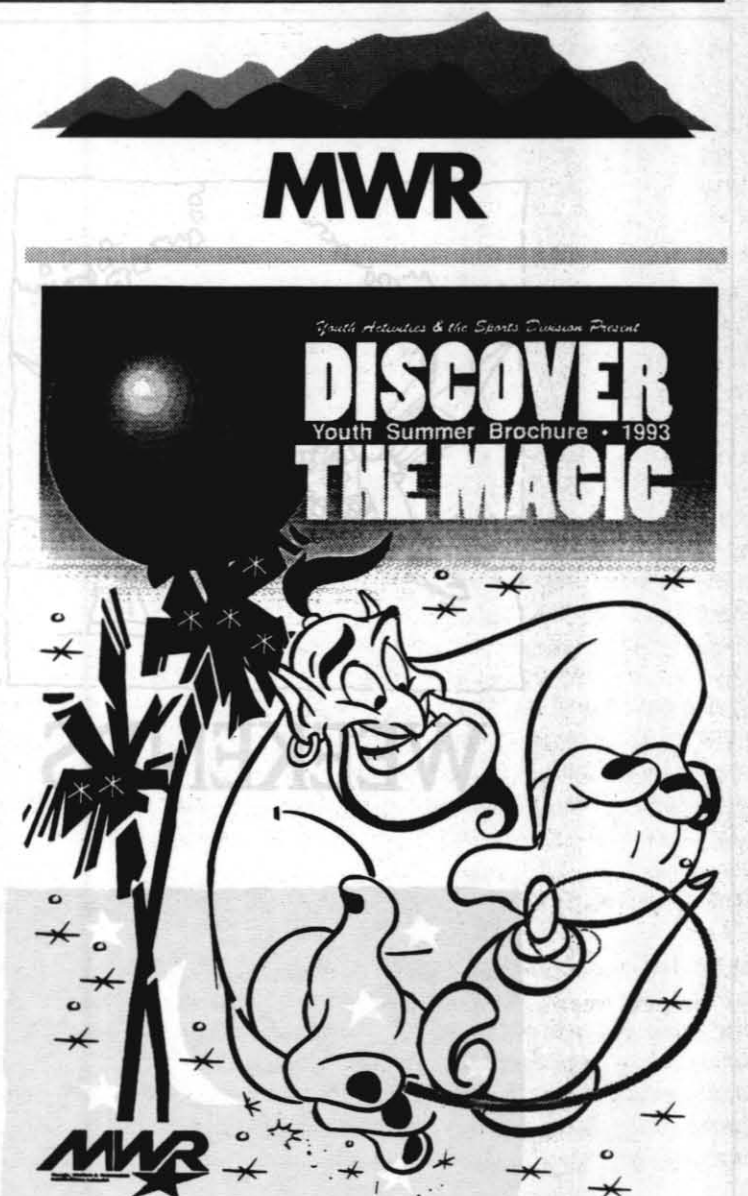
Sports camps and clinics being offered this year include roller hockey, soccer, basketball and volleyball.

In addition, lessons will also be given in bowling, tennis (private or group) and golf.

For those who like to dance or who want to develop their creativity, motor skills and increase their coordination and balance, tumbling and jazz classes are also being offered.

Beginning and microwave cooking classes help round out the summer.

In addition, the Youth Center Please see **BROCHURE**, Page 18



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## American Heritage Week

### Artwork, photographs are needed to show how China Lake employees 'Celebrate the Richness of America'

American Heritage Week committee members are seeking art depicting this year's theme, "Celebrate the Richness of America." The theme seeks to emphasize that the Naval Air Warfare Center Weapons Division is rich in its diversity, creativity and ideals, said Dee Quashnock, a committee member. Deadline to enter is May 12.

All NAWCWPNS military and civilian employees, and their children (up through 12th grade) at the China Lake site are eligible to enter into this art contest. Artwork will be accepted in all media, including photography. Size

should be limited to 120 linear inches (around the circumference of the artwork).

Entries may be submitted via Quashnock, Room 206 of the Human Resources Department Building; Linda Hamlin, in the Graphics Arts Branch, Room 106, TID, Building 02339; Mary Frost, Room 2, Building 80046, Echo Range; or Ray Terry, Room 1251, Michelson Laboratory.

Entries will be displayed at the Naval Air Warfare Station China Lake during American Heritage Week, May 24-28.

### 'Navy News' to feature three China Lake stories next week

Activities at China Lake are featured in next week's edition of "Navy News This Week," produced by the Navy Broadcasting Service and aired nightly on The Navy Channel. Benchmark Cablevision shows the Navy Channel on Channel 17.

Among the stories covered by "Navy News This Week" are Navy test

parachutists at the Naval Air Warfare Center Weapons Division China Lake site, a unique line division at Air Test and Evaluation Squadron Five and the famed petroglyphs on the north range of the Naval Air Warfare Station China Lake.

The show airs at 5:30 p.m. weeknights.

## Video Listings

### KNID

NOTE: Navy Channel 17 continues to highlight China Lake's 50th Anniversary with historical film each programming evening. Watch for NOTS Newsreels in upcoming weeks, scheduled at 5:55 p.m. after Navy News.

**Monday-Friday, May 10-14**  
5:30 p.m.: Navy News—China Lake spots  
5:55 p.m.: Historical Film: NOTS Newsreels, #5, 1957  
6:07 p.m.: "Beautiful Gardens with Less Water"  
6:32 p.m.: Pioneers - Salesian Missions  
**Monday-Friday, May 17-21**  
5:30 p.m.: Navy News  
5:55 p.m.: Historical Film: NOTS Newsreels, #6, 1957  
6:17 p.m.: Condition Green  
6:32 p.m.: Florida Citrus

### TVIS

Programs listed below will be available for viewing on Channel 3 in all FOTS-equipped conference rooms throughout the Station. Those without access to such rooms can see the programs at Michelson Laboratory "Little D" conference room. A room will also be made available in the Training Center for each program — the room number will be posted in the lobby.

## KNID & TVIS

**Tuesday, May 11**  
8:30 a.m.: Tom Peters: Liberation Management  
9:30 a.m.: Morris Massey: Flashpoint: Where Values Collide  
11:00 a.m.: Wellness: Relaxation  
1:00 p.m.: MacAcademy: Filemaker Pro Part 3 of 3  
3:00 p.m.: Wellness: Health Walking  
**Thursday, May 13**  
8:30 a.m.: Managing Change Through Innovation an OCPM Satellite Broadcast  
11:00 a.m.: Wellness: Relaxation  
1:00 p.m.: MacAcademy: MS Word 5.0 Part 1 of 3  
3:00 p.m.: Legacy of the Lake/China Lake Diary/Weapons That Work  
**Tuesday, May 18**  
8:30 a.m.: IEEE: Fuzzy Logic; Applications and Perspectives  
11:30 a.m.: Wellness: Relaxation  
1:00 p.m.: MacAcademy: MS Word 5.0 Part 2 of 3  
**Thursday, May 20**  
8:30 a.m.: Systems Thinking: Transforming The Practice of Management  
10:30 a.m.: Empowerment: Even Eagles Need a Push  
11:00 a.m.: Wellness: Relaxation  
1:00 p.m.: MacAcademy: MS Word 5.0 Part 3 of 3  
3:00 p.m.: Speed is Life with Tom Peters

## Team approach is preferred method to generate acquisition requirements package for contracts

Twenty-three members of the technical and procurement communities at China Lake were trained in March in the new acquisition requirements package (ARP) team approach to procurement. Designed to save time, effort and funds, the new process is now the preferred method of generating an ARP for all contracts (procurements at or above \$25K) at the Naval Air Warfare Center Weapons Division. The group was the first open enrollment class since implementation of the new approach in a test program in October 1992.

The class consisted of a management overview of the new process and its evolution, a team-building exercise based on the Skills Deployment Inventory and an introduction to the new process. Many excellent questions were raised from the class and demonstrated the attendees interest in improving their procurement strategy.

Because the new process is based on a team of management, technical, technical support and contracting experts, teaming skills are fundamental to program success. The process levies no new requirements on procuring codes or the Procurement

Department; many internal reviews and nonproductive "do-loops" have been eliminated. Team members are formally empowered by their respective department heads with both the authority and responsibility to complete the ARP process without any further outside review other than required statutory or regulatory requirements.

The class program was developed from the Contract Improvement Action Team (CIAT), which has been chaired since March 1989 by Sterling Haaland, Weapons Division Deputy Commander for Research and Development. The new ARP process was first presented in a class in October 1990 to a group of 40 China Lakers, who then implemented the new process in 10 procurements in the planning stage. After following these test teams through the procurement process, the CIAT modified the process to address beneficial changes recognized during the test program. The results of that effort were formalized in NAWCWPNSINST 4205.2 and signed by RAdm. William E. Newman, NAWCWPNS Commander, in October 1992. The new process is applicable to all NAWCWPNS sites.

Training for the Point Mugu site will be conducted on June 9 and 10 at Point Mugu.

While it is difficult to compare contracts because of their differing natures, the ongoing Engineering Support Services (ESS) contract provides an excellent example of the benefits of employing the new ARP process since beginning the procurement effort. The contract will replace the existing China Lake Comarco contract and 11 similar contracts at Point Mugu. Compared with records of the previous Comarco procurement effort, which took 24 months and cost \$750,000, the ESS team has saved 15 months and \$550,000. The ESS team reported that they were exceedingly pleased with the new ARP process and its contribution to their overall success.

Codes anticipating procurements at or above \$25K should begin training the anticipated members of their ARP teams. Training requests and requirements can be made via telephone at the Training Center with Roger Peck at 939-2686. Classes will be formed and scheduled to accommodate the technical community's procurement schedule.

## Wellness Corner

By Betty Miller  
Wellness Program Coordinator

### National Physical Fitness Sports Month Walk/jog set for May 19

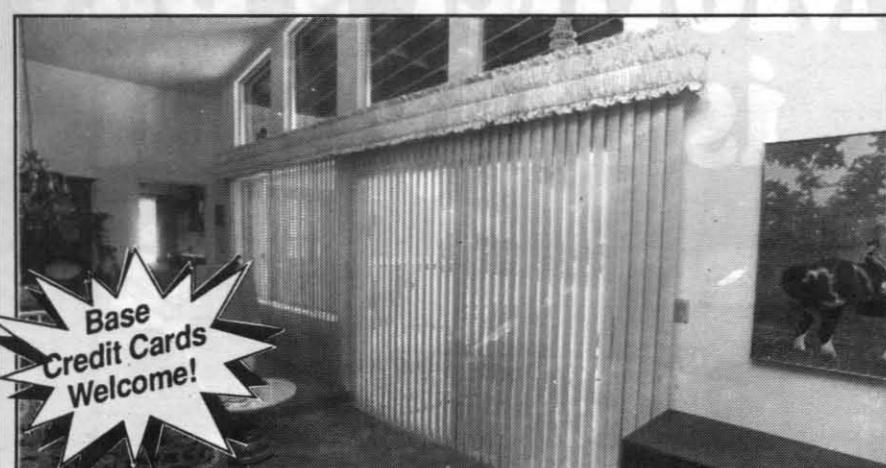
Mark your calendars on May 19 for the third annual National Employee Health and Fitness Day two-mile walk/jog sponsored by the Wellness Program.

The walk/jog will start and finish at McBride Park. Registration is at 11:15 a.m., with the event beginning at 11:30.

All participants will receive a National Employee Health and Fitness Day button or ribbon. Names will be drawn for door prizes. Everyone is encouraged to come out to this non-competitive event. Shaping up is no sweat and it's free.

May is National Physical Fitness and Sports Month. National Employee Health and Fitness Day is presented by the National Association of Governor's Councils on Physical Fitness and Sports. In 1992, more than 3,100 public and private sector employees used NEHFD to promote to their employees the importance of staying healthy and keeping fit.

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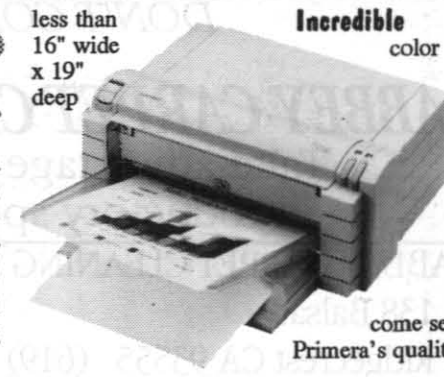
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## Safety Sense

By Dena Christison  
Safety Office

In the event of an emergency, quick and skillful delivery of Cardiopulmonary Resuscitation (CPR) and/or first aid by you could mean the difference between life and death of a family member, friend or co-worker.

Just like it sounds, "first aid" is the first help you give someone who is suddenly sick or injured. In a serious accident or in the event of cardiac arrest, first aid can mean the difference between life and death. By knowing and practicing effective first aid techniques, you can also help relieve a victim's pain,

## CPR, first aid classes being held this summer

help prevent further injury and assist medical personnel arriving on the scene by giving them vital information about the victim.

Do you know what to do in the event of an emergency? It's time again for the Naval Air Weapons Center China Lake's annual summer CPR/First Aid training classes, so here is your chance to learn.

The NAWS China Lake Safety Office (Code C8401), in conjunction with Cerro Coso Community College, is presenting a series of Adult CPR and Standard First Aid classes from June 15

through August 19 at the NAWS China Lake Training Center.

The Adult CPR class can serve as either initial or re-certification in Adult CPR. Topics covered include adult rescue breathing, how to deal with a choking victim, and adult CPR. These four classes will be presented on Mondays through the summer. Both morning and afternoon sessions are available. Certification received from American Red Cross is current for one year.

The full Standard First Aid class also serves as either initial certification or re-certification training. Included in this eight-hour course is the Adult CPR segment (described above) with the addition of first aid topics such as dealing with bleeding emergencies, wounds and bandaging, splinting fractures, first aid for burns, poisoning, shock and so forth. First aid certification is current for three years. These classes will be presented on

Tuesdays through Thursdays between the dates previously specified.

There is no cost involved with these classes, and they are open to the entire community. To sign-up for a class, call the Safety Office at 939-2315. Class size is limited and usually fill quickly, so early registration is recommended.

You will become a very important part of the emergency care team as you learn the skills to render life-saving care in the event of an emergency. Even if you have been involved in our summer classes in the past, it's time again for that valuable refresher! There is no other training as basic and as valuable for the entire community. Learn these life-saving skills today. Through China Lake's annual summer CPR program, we have the opportunity to train hundreds of people in these important skills. Don't let this opportunity go by without your participation.

## Band musicians needed

Band musicians are needed. A band is being formed to provide music for Cerro Coso's commencement and to prepare for future Change of Command ceremonies at the Naval Air Weapons Station China Lake.

Rehearsals will be on Tuesday nights, starting at 6:40 p.m. in the Cerro Coso Lecture Center. While rehearsals have already begun

(May 4), additional musicians are still needed.

This group is open to anyone who has a high school or above level of proficiency on a band instrument. Music to be performed includes standard marches and concert literature.

For those who would like more information, call Debra Veit at 446-3826.

## Engineering courses offered at UCLA

This summer UCLA Extension will offer a number of short engineering courses that may be of interest to Naval Air Warfare Center Weapons Division employees.

Some of the courses cover cockpit displays and digital

avionics systems, engineering management, ULSI technology, electrical engineering and defense engineering.

For a brochure detailing the courses, call (310) 825-1047, FAX (310) 206-2815.

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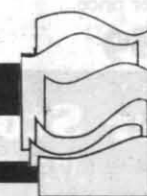
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uncompromising, inhuman place with roads that appeared and disappeared and finally went nowhere at all.

I had thought I was making progress in understanding and even sharing Pitt's affinity for the wilderness. After all, I had gone unprotesting into the Panamints many times. I had gone up Nine Mile Canyon on a mountain ledge no wider than the shelves in my kitchen cabinets. I had willingly let myself believe I was growing to love the desert. And thus, step by step, I had been tricked into going to Death Valley via Searles Station for an anniversary celebration. Now I saw that my progress was all an illusion. I wasn't big and brave and daring. All I wanted was to be a comfortable coward going to Death Valley on the main road.

Without saying a word to Pitt, I crawled into the car again. I closed my eyes. Tight. Every jarring bounce, every futile spinning of the wheels only made me more determined not to look ever again. After a long, long silent time, during which Pitt was in and out of the car a dozen times searching for signs of the road while I pretended to be asleep, he gave a cry of triumph.

"Look! Look, honey, a real road!"

I opened my eyes, surprised to find that the sun had set. Our car lights were on and in its beams I saw it—a real road with beautiful ruts on both sides of a heaped up middle, and a signpost that pointed to Owl's Hole mine in one direction and Saratoga Springs in the other.

I was not shocked to find Saratoga Springs was only an elegant name for an inelegant hole in the ground filled with brackish water. We sipped some

out of cupped hands—"that's probably what the 20 Mule Team drivers did," Pitt said with satisfaction—then went on to Baker where we found a dingy little restaurant crowded with Saturday night revelers. As we went in, I felt an almost irresistible urge to clutch my throat and rasp—"Water. . . Water," in true desert fashion. But I didn't do it. We had attracted enough attention as it was.

No one could believe where we had come from. That road hadn't been used in more than 35 years, one of the old timers said. Not since the 20 Mule Teams had stopped hauling borax. They looked at us as though we'd come from another planet and hadn't enough damn-fool sense to come in out of the rain.

Finally, when their scorn had run itself out, they relented and served us tough steaks, heavenly beans and lots of water before sending us on our way with a warning to stay on the main roads next time.

I breathed amen to that as we headed for home—at my request—on a paved highway that shone beautiful, black and steady in our headlights all the way to China Lake.

We found our basket right where we'd left it beside the street in front of our house, and our family had an unexpected picnic the next day at the edge of Mirror Lake that had become, once again, no lake.

Pitt thought it had all been great fun and a fine adventure. I had other opinions, and to this day, Searles Station is my ultimate symbol of folly. In fact, I have only to mention the name for Pitt to reconsider another far-out, off-beat trip that is beckoning him—but not me!

## Government auction will have wide variety of items up for sale

Local Auction 41-3300 of surplus government property will be held by the Defense Reutilization and Marketing Office at the Naval Air Weapons Station China Lake Tuesday, May 18.

The auction will begin at 9 a.m. in Building 1073, Warehouse 41, and the public is encouraged to bid.

Among the more than 250 items to be offered will be personal computers, printers, electrical and electronic equipment, hardware, auto parts, tool boxes, recorders, back-pack frames, photographic equipment, BEQ furniture, granite surface table, containers, work tables, camp cots, vacuum pumps and pickup trucks.

The items will be on display for inspection May 13, 14 and May 17 from 7:30 a.m. to 2:30 p.m. A complete list, as well as sales terms and conditions, can be seen at Building 1073, Warehouse 41.

Registration will begin at 7:30 a.m. on the day of the sale. Bidders must be present and registered to bid. Mailed

bids cannot be accepted. Items purchased may be removed on the sale date provided full payment is made. Payment must be in cash or guaranteed instrument (cashier's check, money order, traveler's check, and so forth). Unless otherwise specified, purchasers will have until May 26 to pay and remove items.

Because the Defense Reutilization and Marketing Office is located within the Naval Air Weapons Station's interior security fence line, everyone must present photo identification (NAWS badge) and may be subject to vehicle inspection before being allowed entry onto the base.

Hours of operation at Sandquist Gate are 6 to 8 a.m., 11 a.m. to 1 p.m. and 3 to 6 p.m. Those wishing to reach the DRMO at other times must use Lauritsen Gate. Both routes are indicated in the auction catalog.

To receive an auction catalog, contact Phyllis at Building 1073, Code 97, 939-2502/2538.

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## Series honors China Lake's 50th Anniversary

# Traveling to Death Valley via Searles Station is no picnic

By Virginia Pittinger

The desert and I were getting along fine until we went to Death Valley via Searles Station and Saratoga Springs. We could have taken the highway, which was quicker and more direct, but that was too prosaic for Pitt. He was agog to go via the "historic" route used prior to the building of the railroad by the famous 20 Mule Team wagons.

For years they transported the borax extracted from the Death Valley brine deposits to the Mojave railroad station using this road. With all my warning bells ringing madly, I said I wanted to see the road on the map first. Pitt pointed a finger and, to my dismay, it was definitely there—a road from Searles Station to Saratoga Springs at the south end of Death Valley.

This was to be a celebration of our fifth wedding anniversary. Pitt's mother was on hand to take care of Mary Jo, our ancient Dodge was in as good running condition as it would ever be, and our picnic basket was filled with sandwiches, deviled eggs, fruit, special cookies Pitt's mother had made for us and plenty of that most precious of all things in the desert, water.

On a crystal bright day in February 1945, we set out for Searles Station, Saratoga Springs and Death Valley. The mountains, winter-blue in the distance, were sharply etched against a brilliant sky, while the endless floor of the desert stretched brown and empty in all directions around us.

Of course we almost missed Searles Station. If there ever had been a station, it was gone. But the railroad

tracks were still there, and a tipsy, faded sign with an arrow that said this was it—the road to Saratoga Springs.

It was a dirt road, naturally. We had expected that. What we had not expected was its unnerving habit of disappearing into washes of sand that had no trace of roadway, vehicle or living thing. By now my warning

## Remembering WHEN

bells were deafening, but every time I suggested turning back, the road would slyly reappear, Pitt would say something like "See... trust me," and we'd go on. Eventually the road became more and more invisible for longer and longer stretches of time, so that we had to guess which way to head in order to meet up with the next recognizable section.

As we crept along our uncertain way, Pitt kept saying things like "Isn't this great... I bet nothing's changed since the 20 Mule Team came across here... This is exactly the way it was..."

My mind was running along different lines. I won-

dered if we'd reach Death Valley by dark, and if we didn't? Well, there weren't any animals to be frightened of. We hadn't seen a sign of any life all morning—not a rabbit or a bird—not even a vulture. We could sleep in the car that night if we had to, we had one blanket to keep us warm. And we had enough food and water for one day, even two, if we were careful. This was Saturday and we were not expected back until Sunday night. But did anyone know what we were doing? Where we were going? I asked Pitt.

"Only mom," he said cheerfully, "but I don't think she'd remember Searles Station."

Great! With a brave effort I calmed down. At least we had food and water.

We bumped and bumbled along until almost three o'clock, when we stopped to have something to eat.

"Just a little," I said craftily, thinking of the coming night and the next day. "I'm not very hungry."

"Well, I'm starved," said Pitt.

And that was too bad, because there was no picnic basket. Not in the back seat. Not in the trunk. Not anywhere.

"But what happened to it?" I was shattered. Now I had nothing to fall back on.

"I guess I simply forgot to put it in... or something." Pitt didn't sound upset. Just disappointed because he was so hungry. "Anyway," he continued, "it doesn't really matter. We must be near the Springs and Baker's only a little further on. We'll eat there."

I stared at the roadless desert stretching unbroken to the horizon and decided I had been right the first time I saw it. What was it anyway but a barren, empty,

## Donations needed to make this year's grad party the best in town

By Marjorie Shultz  
Committee for Safe Graduation

Prior to 1988, seniors in the Ridgecrest area celebrated graduation by partying in the desert. Often these parties included alcohol and drugs. Unfortunately, there were tragedies, sometimes students were even killed. The thought of such parties sends chills through the hearts of parents. But in 1988, the base commander's wife, Mary Burt, decided to form a group of parents, called the Committee for Safe Graduation, to provide a fun, exciting and safe alternative to such parties. They planned an all-night party that was too good to miss.

This year's Committee for a Safe Graduation is now planning the sixth annual safe and sober graduation extravaganza. Parents of seniors have all been contacted and were asked to make a \$25 contribution toward the party. The committee estimates that 540-700 students (400 seniors and their guests) will attend the party this year. They must each purchase a ticket to attend.

But the majority of the money needed for the party is being solicited from organizations, businesses and individuals in the community. It costs a lot of

money to entertain 700 people all night long. In the past there have been D.J.'s, several live bands, continual activities and two meals plus continual snacks.

In addition, there have been many very enticing prizes given away, including one or more large cash prizes that could be used for continued education or training. The large cash prize is given away at the end of the evening, and the winner must be present to win. The seniors were surveyed in their government and economics classes to see what kind of entertainment and activities they wanted. The entertainment being planned will be bigger and better than ever. It is critical that this be the BEST party in town!

Past parties have cost just over \$10,000. That is only about \$14 each, a small price to pay to save lives of the young people. To help raise funds, there are green cans at grocery store checkout stands where people may make a contribution to help fund this year's party. People also may contact Jean Ronguish at 384-3622 or Mary Weimholt at 375-7019 or send their contribution to Burroughs High School in care of the Committee for a Safe Graduation. Contributions may literally save a life. Please help! Thank you.

## Joining forces to fight crime



Photo by Terry Pascarella

**PROTECTING** the community is a responsibility the Boeing Company takes seriously, as Cinda Jarmen, Boeing's security assistant, hands a \$300 check to Bob Mize, a law enforcement officer at the Naval Air Weapons Station China Lake. The money will be used to help fund anti-drug and gang programs for youth.

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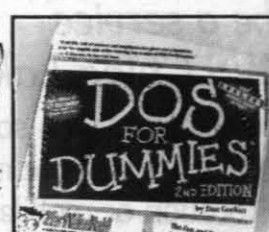
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## Private industry representatives invited to briefings on proposed major NAWCWPNS' contracts

By Karen Buehler  
CFIPS Deputy Program Manager

Several hundred representatives from private industry are expected to attend industry briefings at China Lake, May 12 and 13, for proposed Naval Air Warfare Center Weapons Division follow-ons to two competitively awarded China Lake contracts.

Preliminary information will cover an omnibus ADP support services contract effort (currently held by Boeing Computer Support Services) and an aircraft weapons systems support services contract effort (currently held by CTA, Inc.). Representatives from Naval Air Systems Command Information Technology Acquisition Center (ITAC), NAWCWPNS top management and procurement officials will speak.

The purpose of the briefings is to encourage maximum competition among potential offerors at an early stage in the procurement process. By holding two Industry Briefings at the same site on consecutive days, NAWCWPNS hopes to enable both the federal government and potential private industry offerors to save redundant travel and administrative costs.

The May 12 briefing will address the ADP support services follow-on. Officially known as the Consolidated Federal Information Processing System or "CFIPS," this ADP follow-on effort was nominated to be the Navy's first support services implementation of GSA's Trail Boss Program, a leading edge approach designed to streamline the acquisition of computer related systems and support. The CFIPS project team includes specialists from procurement, computers and communications, and technical organizations.

Due to the size and complexity of requirements, the CFIPS effort is anticipated to result in three separate Federal Information Processing Resources (FIPR) contracts. They will provide support services for: Scientific and Engineering information processing, Business and Administrative Systems

information processing, and Wide and Local Area Networking. Each will support all NAWCWPNS sites, including both NAWS and some attached activities. The networking contract will be targeted for competitive small disadvantaged business, and small business work will be adequately identified in the scientific and administrative efforts.

The CFIPS effort represents the continuation of more than 40 years of China Lake ADP support services contracting. The initial (1952) film reading and data reduction contract provided data for missile engagement and miss distance calculations. This evolved into an omnibus ADP support services contract that still supports film reading and data reduction today.

The May 13 industry briefing will discuss the proposed follow-on to the small disadvantaged business set-aside contract currently held by CTA, Inc., Avionics Systems Division. This would continue a support effort that dates to 1980, providing aircraft weapons systems integrated development services in support of weapons systems support activities (WSSAs), weapons systems support facilities (WSSFs), and systems software support activities (SSSAs) at both China Lake and Point Mugu sites. The team for this procurement includes specialists from procurement and the Aircraft Weapons Integration Department, the primary user organization.

The CFIPS Industry Briefing on May 12 runs from 8:15 a.m. to 5 p.m. with registration beginning at 7 a.m. The WSSA/WSSF Briefing on May 13 is set for 10 a.m. to 5 p.m. with registration beginning at 9 a.m. Vendors who have not preregistered for the briefings (as detailed in Commerce Business Daily editions of March 5, 23, and 29) will be admitted on a space available basis. Both briefings will be held in the China Lake Naval Air Weapons Station Theater.

For more information contact Dian Katzenstein (939-2284) or Jan McFarland (939-8179) (CFIPS), and Dell Hledick (446-9427) or Robyn Anders (446-9426) (WSSA/WSSF).

## Protect yourself from car-jackers

Following is a list of tips from *Safetyline* Magazine that can protect China Lakers from car-jackers when driving in areas where car-jacking is a problem, such as in Los Angeles. The list was compiled by *Safetyline* Magazine.

- When you're out driving, keep all car doors locked.
- Check from time to time to see if you are being followed. Car-jackers

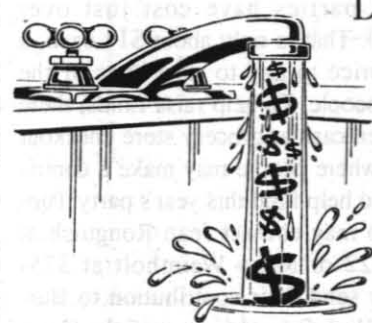
often follow a victim for awhile before striking.

• If you are stopped at a traffic light or stop sign and are struck lightly in the rear, quickly look up and check to see if the person who hits you gets out and someone else gets in their seat. If this happens don't get out of your car.

• If you are confronted either on the street or in a parking lot, don't resist. Let the thief have the car.

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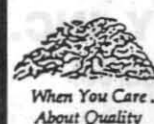
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## 'Announcements' to double in size

Employees at the two principal sites of the Naval Air Warfare Center Weapons Division will benefit from changes in *The Rocketeer* and *The Missile*. The newspapers at both sites will start running an eight-page "Announcements" insert as of May 20. This insert will include two sections, the first covering general interest announcements such as scheduled presentations, meetings, retirements and more. The second section, from the Human Resources Department (HRD), will provide current employment promotional and reassignment opportunities, training course listings and additional HRD news items.

To facilitate production of the new, expanded announcements section, people with notices for the section are asked to send them, via Quickmail to Kathi Ramont or Steve Boster at Zone CL 01/02, Mail Center CL\_08\_81\_MC.

## California begins veterans license plate program

Retired Navy Admiral B.T. Hacker, director of the California Department of Veterans Affairs, recently announced the beginning of the Veterans Automobile License Plate Program.

Funds generated by the \$30 fee for the license plate will be deposited into a special fund designed to assist veterans service offices in each county to meet the needs of their veteran population.

Items from employees without Quick-Mail may be sent to Barry McDonald, via guard mail, at *The Rocketeer* (Code C08033). The deadline for announcements is the Wednesday of the week prior to publication of *The Rocketeer*. The China Lake paper publishes on Thursdays of payday weeks only.

Point Mugu personnel should send a copy of general interest announcements to Ron Rogers, Code P622, the HRD point-of-contact at Point Mugu. All HRD input, from all sites, should be forwarded to Rogers, phone (805) 989-3997, FAX (805) 989-4388.

This new format will appear twice a month in each paper. Additionally, copies will be sent to NAWCWPNS commands at Albuquerque and White Sands, N.M., giving all NAWCWPNS employees access to the same information at the same time.

Various veterans organizations' insignia may appear on the plates, and the department anticipates by summer 50 organizations will make their logos a part of the program.

To purchase a plate, veterans can contact their county veterans service office listed in the county section of the white pages of the telephone directory. In Ridgecrest, call 375-1564.

## Acquisition workforce members can receive credit for experience

(Editor's note: The following article is from Acquisition Career Management News, published by the Director Acquisition Career Management Office.)

The Interim Department of Navy Mandatory Course Fulfillment Program authorizes acquisition workforce members (DON employees, military and civilian, whose positions have been officially designated as acquisition positions) to receive credit for mandatory training requirements in their primary career field, by means other than Defense Acquisition University-sponsored training.

When applying for credit for previous experience, education and alternative training which may be sufficient to satisfy a mandatory course, documentation must be shown that the required competencies taught in the mandatory course have been achieved in order to receive credit.

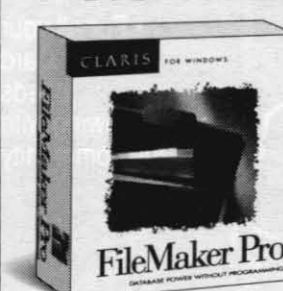
The purpose of this program is to ensure that acquisition workforce members do not attend training unnecessarily; however, the program is not intended as a substitute for required career or professional development

training. Nor is it designed to restrict attendance in any required course by employees who need the training.

Presently, the following constraints apply: (a) employees may apply for fulfillment of mandatory courses at the current level of their career field, but only in their designated career field; and (b) employees may apply for fulfillment in higher-level courses only if they have met the mandatory course requirements for their current level. Level III employees may request fulfillment of Level II courses required for membership in the Acquisition Professional Community.

The Fulfillment Program package, which includes listings of competencies associated with each mandatory course, has been distributed to all DON civilian Human Resource Offices, military community managers and military personnel offices; however, implementation guidance from the Naval Air Warfare Center Headquarters has not yet been received, said Nancy Saxton, NAWCWPNS DAWIA coordinator. As soon as this guidance is received, acquisition workforce members will be notified.

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## PERSONNEL NEWS

### PROMOTIONAL OPPORTUNITIES

Applications for positions listed below are being accepted from Department of Navy Employees currently listed at NAWS, China Lake and from eligible employees of attached activities who are permanently assigned to the China Lake site. 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 military sponsors, with competitive employment status or eligibility under E.O. 12362, must register in the DOD Priority Placement Program to be eligible for special preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they qualify. 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 does not clearly state the task/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 highly recommended 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 score. 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 any of this 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 signature on the last page completing the application, Civilian Spousal Program Eligibles with competitive status, must be provided. The 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 Thursday, 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 Air Warfare Center, Weapons Division is an Equal Opportunity Employer; selections are made without discrimination for any non-merit reason.

### NOTICE REGARDING DRUG TESTING DESIGNATED POSITIONS

Any applicant tentatively selected for one of these positions will be required to submit to a urinalysis to detect illegal use of drugs prior to a final selection. Final selection is contingent upon a negative drug test result, and thereafter the selected will be subject to drug testing as the incumbent of a Testing Designated Position (TDP). Further, all Department of the Navy employees may be subject to drug testing under certain circumstances such as reasonable suspicion and after an accident. All individuals will have the opportunity to submit medical documentation that may support the legitimate use of a specific drug to a Medical Review Officer. An applicant's test results will be provided to the selecting official and serving Civilian Personnel Office before a final selection is made. A verified positive drug test of a current Department of the Navy employee will also be provided to the employing activity/department. (NAVPENINST 12792.2, 14 Dec 90)

### MERIT PROMOTIONS

**No. 006-SH-93, Interdisciplinary (Electronics, Computer Engineer, Mathematician, Physicist, Computer Scientist), DP-855/1310/1520/1550-3, Computer Operating Environment Division, Electronic Warfare Department, Aircraft Weapons Systems Directorate, Naval Air Warfare Center Weapons Division, Point Mugu or China Lake site, Various Codes—**These positions are located in the Common Operating Environment Division of the Electronic Warfare Department. The incumbents will be responsible for systems analysis, systems integration, test design, and execution in the acquisition of computer hardware and software projects. This organization is responsible for research, design, development, training, and life-cycle support of software and hardware projects that support automated mission planning and information communication systems. In addition to its general responsibilities in support of automated mission planning and information communication systems, it is WSSA for the Tactical Aircraft Mission Planning System (TAMPS), version 6.0, and is collaterally tasked to support Department of Defense initiatives to evolve a common operation environment as it relates to the processing and communication of tactical information. **Quality-Ranking Factor:** Knowledge and experience with the operation and functions of intelligence systems, mission planning and software systems, systems engineering and systems integration, and open architecture environments. This position will be filled at the DP-3 grade level. Position is at full performance level. Applications may be submitted to China Lake's Human Resources Department, Room 100, NLT 1700 of the closing date, or they may be sent directly to the Human Resources Department, Naval Air Warfare Center, Weapons Division, ATTN: Sylvia Henning, Point Mugu, CA, 93402-5002. Mailed applications must be postmarked NLT the closing date. Point of contact is Sylvia Henning, AV 351-3238. Permanent Change of Duty Station (PCS) is not authorized. This ad opens on 6 May and closes on 20 May.

**No. 008-MG-93, Civil Engineer, DP-010-03, Civil Engineering Branch, Engineering Division, Public Works Department, Naval Air Warfare Center Weapons Division, Point Mugu—**The incumbent is responsible for plans, schedules, coordinates, and/or project or in a total project of moderate scope. Formulates, analyzes, models, evaluates, advises, or performs design studies on the feasibility, suitability, adaptability, and/or operational utility of systems and system concepts. Specific project and/or program assignment that may require the services of Level I, II, and III associates, non-professionals, and/or contractors. Analyzes and system studies involving operations systems, subsystems, and/or concepts. **Quality-Ranking Factor:** Knowledge of facilities, design, construction and project management, architecture engineering contract, and project management. Must possess a professional engineering state registration. This position will be filled at the DP-3 grade level. Position is at full performance level. Applications may be submitted to China Lake's Human Resources Department, Room 100, NLT 1700 of the closing date or they may be sent directly to the Human Resources Department, Naval Air Warfare Center, Weapons Division, ATTN: Mary Lou Gutierrez, Point Mugu, CA, 93402-5002. Mailed applications must be postmarked NLT the closing date. Point of contact is Mary Lou Gutierrez, AV 351-3230. Permanent Change of Duty Station (PCS) is not authorized. This ad opens on 6 May and closes on 20 May.

**No. 010-MG-93, Housing Manager, GS-1173-09/11, Assignment/Termination Branch, Housing Division, Public Works Department, Naval Air Warfare Center Weapons Division, Point Mugu—**At the target level, the incumbent supervises the day-to-day operations of the Assignment/Termination Branch. Provides

overall coordination and guidance of the work assigned to and accomplished by subordinates. Implements procedures for assignment, termination, and occupancy of military family quarters. Crafts command directives promulgating local policies and procedures within existing guidelines. Studies the specifications of all assigned contracts. Conducts technical studies and surveys of family housing demands, turnover rates, and physical requirements and develops recommendations for changes or improvements. Assists in the preparation of annual budget estimates and providing justification for special maintenance, repair, and improvement projects. Participates in the development of long-range family and unaccompanied personnel housing requirements. Responsible for carrying out EEO policies and communicating support of these policies to subordinates. **Quality-Ranking Factor:** Extensive knowledge of housing procedures and workflow to counsel and provide assistance to supervised employees. This position will be filled at the GS-09 or "11 grade level. Full performance level is required. **PROMOTION IS NOT GUARANTEED.** Applications may be submitted to China Lake's Human Resources Department, Room 100, NLT 1700 of the closing date or they may be sent directly to the Human Resources Department, Naval Air Warfare Center, Weapons Division, ATTN: Mary Lou Gutierrez, Point Mugu, CA, 93402-5002. Mailed applications must be postmarked NLT the closing date. Point of contact is Mary Lou Gutierrez, AV 351-3230. Permanent Change of Duty Station (PCS) is not authorized. This ad opens on 6 May and closes 20 May.

**No. 011-MG-93, Housing Manager, GS-1173-09/11, Facilities Support Branch, Housing Division, Public Works Department, Naval Air Warfare Center Weapons Division, Point Mugu—**At the target level, the incumbent supervises the day-to-day operations of the Facilities Management Branch. Provides overall coordination and guidance of the work assigned to and accomplished by subordinates. Plans, directs, coordinates budgets and schedules maintenance operations. Ensures the continuing short- and long-range requirements of various projects. Provides technical expertise regarding housing projects to other functional branches. Coordinates and oversees the construction of major and minor construction work is acceptable. Prepares documents for repair and improvement to higher authority for approval. Maintains a personal contact with the occupants and community associates. Interprets budget guidance and translates operation and maintenance requirements into annual budgetary requirements. Provides technical guidance in budget preparation and monitoring projects to ensure obligation of funds. Responsible for carrying out EEO policies and communicating support of these policies to subordinates. **Quality-Ranking Factor:** Extensive knowledge of housing procedures and workflow to counsel and provide assistance to supervised employees. This position will be filled at the GS-09 or 11 grade level. Full performance level is required. **PROMOTION IS NOT GUARANTEED.** Applications may be submitted to China Lake's Human Resources Department, Room 100, NLT 1700 of the closing date or they may be sent directly to the Human Resources Department, Naval Air Warfare Center, Weapons Division, ATTN: Mary Lou Gutierrez, Point Mugu, CA, 93402-5002. Mailed applications must be postmarked NLT the closing date. Point of contact is Mary Lou Gutierrez, AV 351-3230. Permanent Change of Duty Station (PCS) is not authorized. This ad opens on 6 May and closes on 20 May.

**No. 024-005, Security Specialist, DA-0080-2, C0246—**This position is located in the Advanced Technology Support Division. The incumbent provides detailed and comprehensive security administration support to program managers. Incumbent must be able to obtain and maintain Top Secret clearance. Moderate travel will be required. **Job-Relevant Criteria:** Knowledge of

Navy and DOD security policy, procedures, and requirements in the areas of physical, personnel, information, and operational security; ability to interpret and implement written instructions; ability to understand and implement security requirements; ability to deal with personnel at all levels. **REGARDING DRUG TESTING DESIGNATED POSITIONS:** In "Promotional Opportunities" box above. Promotion potential to DA-3, but not guaranteed. This ad opens on 6 May and closes on 13 May.

**No. 031-001, Interdisciplinary (General/Mechanical/Electrical/Electronics/Aerospace Engineer/Physicist/Operations Research Analyst/Mathematician/Computer Scientist), DP-801/830/855/1310/1515/1520/1550-3, Code C031—**This position is that of the F-18 Deputy for Test and Evaluation (DT & E) in the Aircraft Systems Department (duty station, China Lake). As the DT & E, the incumbent will direct the efforts of a multidisciplinary staff to provide objective test and evaluation of developmental and in-service aircraft systems assigned to mission support cognizance of the F-18 project office. **Job-Relevant Criteria:** Knowledge of avionics, software development, the system engineering process, and tactical software applications in the fighter/attack aircraft environment; ability to apply avionics integration requirements and techniques; ability to integrate and test embedded computer systems in aircraft and weapons systems; ability to conduct detailed technical planning; ability to communicate with high-level civilian and military personnel. **Note:** This position has been identified as being an "Acquisition Professional" under the Defense Acquisition Workforce Improvement Act. The Act mandates certified training, education, and experience requirements that may impact the incumbent. Additional information concerning these requirements is available in the Civilian Personnel Office. The incumbent must be able to obtain and maintain a Top Secret clearance based on a special security background investigation. See notice "REGARDING DRUG TESTING DESIGNATED POSITIONS" in "Promotional Opportunities" box above. Promotion potential to the DP-4. Permanent Change of Duty Station (PCS) is authorized. This ad opens on 6 May and closes on 20 May.

**No. 25-007, Supervisory Interdisciplinary (Mechanical/Electrical Engineer/Operations Research Analyst), DP-801/830/855, 1515-3 C2525—**This position is that of Head, Missile Guidance Branch, Systems Engineering Division, Engineering Department. The incumbent is responsible for technical analysis, production support, software engineering and missile aircraft integration for various strike and air-to-air weapon systems. Major weapon systems include SLAM, Harpoon, Phoenix and JSOW. The Branch conducts system and survivability analysis using all digital simulations for the evaluation of current missile performance as well as potential upgrades, works with the A-6 and F/A-18 aircraft programs for incorporation of performance upgrades into aircraft software and evaluates the incorporation of performance changes into the production data package. In addition, the Branch assists various development programs in the definition of software development requirements and the actual evaluation of the software. The branch also maintains significant expertise in the support of weapon system mission planning. **Job-Relevant Criteria:** Knowledge of weapons system acquisition process during development and production; knowledge of systems performance analysis and development of systems operational software; ability to manage an organization; ability to plan, coordinate, and manage a technical program; knowledge of Affirmative Action principles and a willingness to implement EEO practices. Must be able to obtain and maintain a Secret clearance. May be required to serve a 1-year supervisory probationary period. Promotion potential to the DP-4. **Note:** This position has been identified as being an "Acquisition Professional" under the Defense Acquisition Workforce Improvement Act. The Act mandates certified education, training and experience requirements which may impact the incumbent. Additional information concerning these requirements is available in the Civilian Personnel Office. Permanent Change of Duty Station (PCS) is authorized. Previous applicants need not reapply.

**No. 28-008, Supervisory Interdisciplinary (Mechanical/Electronics Engineer/Physicist/Mathematician/Computer Scientist), DP-830/855/1310/1520/1550-3, C2876—**This position is that of Head, Tomahawk Software Branch, Advanced Systems Division of the Attack Weapons Department. The primary responsibility of this organization is that of Software Support Activity (SSA) to the Cruise Missile Projects (CMP) Office. The SSA provides Independent Verification and Validation (IV&V) and configuration and data management for the Tomahawk operational flight software. The incumbent directs a multi-disciplined staff which provides missile system software requirement and design analysis, functional/system level testing, system interface management, and flight software configuration, data and release management. **Job-Relevant Criteria:** Knowledge of major aspects of software life-cycle; knowledge of software development processes including missile system and digital computer simulations; ability to perform as a first-line supervisor; ability to influence and motivate others; knowledge of Affirmative Action principles including a willingness to implement EEO practices. Must be able to obtain and maintain a Secret clearance. Must serve a 1-year supervisory probationary period if not previously completed. Promotion potential to DP-4, but not guaranteed. **Note:** This position has been identified as being an "Acquisition Professional" under the Defense Acquisition Workforce Improvement Act. The Act mandates certified training, education, and experience requirements that may impact the incumbent. Additional information concerning these requirements is available in the Civilian Personnel Office. Permanent Change of Duty Station (PCS) is not authorized. This ad opens on 6 May and closes on 20 May.

**No. 28-009, Supervisory Computer Specialist, DP-334-3, C2876—**This position is that of Head, Tomahawk Software Branch, Advanced Systems Division of the Attack Weapons Department. The primary responsibility of this organization is that of Software Support Activity (SSA) to the Cruise Missile Projects (CMP) Office. The SSA provides Independent Verification and Validation (IV&V) and configuration and data management for the Tomahawk operational flight software. The incumbent directs a multi-disciplined staff which provides missile system software requirement and design analysis, functional/system level testing, system interface management, and flight software configuration, data and release management. **Job-Relevant Criteria:** Knowledge of

major aspects of software life-cycle; knowledge of software development processes including missile systems and digital computer simulations; ability to perform as a first-line supervisor; ability to influence and motivate others; and knowledge of Affirmative Action principles including a willingness to implement EEO practices. Must be able to obtain and maintain a Secret clearance. Must serve a 1-year supervisory probationary period if not previously completed. Promotion potential to DP-4, but not guaranteed. **Note:** This position has been identified as being an "Acquisition Professional" under the Defense Acquisition Workforce Improvement Act. The Act mandates certified training, education, and experience requirements that may impact the incumbent. Additional information concerning these requirements is available in the Civilian Personnel Office. Permanent Change of Duty Station (PCS) is not authorized. This ad opens on 6 May and closes on 20 May.

### 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 Air Warfare Center is an Equal Opportunity Employer.

### REASSIGNMENT COLUMN

**No. 21-023, Interdisciplinary (General/Electronics/Electrical/Aerospace/Mechanical Engineer/Physicist/Mathematician/Computer Scientist), DP-801/855/850/861/830/1310/1520/1550-3, C2103—**This position is that of Project Engineer for the AV-8B Automatic Target Handoff System (ATHS) in the AV-8B Weapons System Support Activity Office (C2103). The incumbent provides project engineering support to the WSSA for AV-8B aircraft, which includes developing project schedules and budgets, determining manpower and other resource requirements, defining and controlling requirements, contracts placement and management and managing overall project development including coordination with matrix branches. Knowledge of aircraft avionics and weapons systems, DOD-STD-2167A, and MIL-STD-1553 is required. This position will involve all aspects of system and software engineering and development including size and complexity estimation, creation of requirements documents, software generation, and definition and performance testing. Knowledge of close-air support tactics and tactical aircraft flight test planning are desirable but not required. The incumbent must be able to work well in a team environment and display effective communication skills. The incumbent will interface with NAVAIR, McDonnell Douglas Aircraft Corp, and other prime contractors and other Navy field activities. To apply submit an updated SF-171 or Brad Royer, C2103, NAWCWPNS-CL, 939-5700. This ad opens on 6 May and closes on 13 May.

### SECRETARIAL OPPORTUNITIES

This column is used to announce secretarial 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 grade, 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 secretarial 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.

### SECRETARIAL COLUMN

**Secretary (Typing) DG-318-3, C295—**This position is located in the IF Guidance Division, Intercept Weapons Department, Naval Air Warfare Center Weapons Division. The incumbent provides secretarial and administrative support to the Division Head, Administrative Officer, and a Project Office. Duties include managing division head's calendar, operating a Macintosh II computer, prioritizing workload, and providing guidance and direction to four branches and one project office. Must be able to obtain and maintain a Secret clearance. Full performance level is DG-3. This ad opens on 6 May and closes on 20 May.



## Naval Air Warfare Center Weapons Division Naval Air Weapons Station, China Lake Announcements

Submit items to Barry McDonald, Code C08033, FAX 939-2796 or QuickMail to zone CL 01/02, mail center CL\_08\_81\_MC, by close of business Wednesday the week before publication



### CSUN WRITING PROFICIENCY EXAM PLANNED

On 9 June the English Writing Proficiency Exam will be given to graduate students of Cal-State Northridge (CSUN). CSUN students should take the exam as soon as their application for admission has been submitted. This test must be passed before the student is granted classified (unconditional) status as a master's candidate.

Graduate students must attain classified status before earning more than 12 units of academic work acceptable toward the master's degree. The exam fee is \$20. Checks must be made payable to California State University, Northridge (CSUN). To arrange to take the exam call Denise at 939-2648.

### CSUC WRITING PROFICIENCY EXAM PLANNED

Dr. Orlando Madrigal of Cal-State University, Chico, will be at China Lake on 28 May to advise current and prospective students in the external degree computer science programs offered by the school. The programs lead to bachelor's and master's degrees.

To make an appointment with Dr. Madrigal call Denise at 939-2648.

### COMPUTER EQUIPMENT AVAILABLE

The Data Analysis Section of the Systems Development Branch, C 32412, has a variety of terminals and printers available to anyone who needs them. The equipment includes six Tektronix 4208 graphic terminals, three DEC VT-240 graphic terminals, a VT-220 non-graphic terminal, and two LA-50 desktop line printers. If you are interested, contact Ken Manning at 939-5361.

### BOEING'S MISSION PLANNING

Representatives from Boeing will be at China Lake to demonstrate advanced concepts and capabilities relating to mission planning. Demonstrations will include Advanced Mission Planning Workstation (AWPMS), and Ada based system running on a DEC 5000 workstation; Access Manager, a shell program allowing tremendous flexibility to access multi-featured distributed data bases such as TAMPS; and nonlinear mathematical solutions to improve mission planning software performance. Initial results yielded a 2,600-to-1 performance improvement.

Two sessions will be held in Mich Lab, Conference Room B/C, on Tuesday, 11 May. The morning session will begin at 1000, and the afternoon session will begin at 1300. The contents of the two sessions will be the same.

For further information contact Chuck Newmyer at 939-1074 (C2504)

### SERVICE CONTRACTS ACT

#### TRAINING

NAWCWPNS has been asked by ASN and to host a class on the "Service Contracts Act (SCA)." The course is designed to facilitate compliance with the (SCA), and will cover all pertinent DOD policies and regulations, preparation, and submission of the SF-98a, Department of Labor receipt procedures (for Wage Determination) and overtime pay. It will illustrate and describe situations to which the SCA applies (FAR 22.10). Sessions will be held at Point Mugu, Building 6-2 on 10 May from 1230 to 1630 and on 11 May from 0730 to 1130. Sessions will be held at China Lake Training Center on 12 and 13 May from 0730 to 1130 and 1230 to 1630.

Contract Specialists are required to attend; COTRs, Technical Monitors, and other interested personnel are encouraged to attend as well. Enrollment will be on a call-in basis. To enroll at China Lake call 939-2686 and at Point Mugu call 939-3003. You must register at least 2 working

days before the date of session you wish to attend.

### DATA GENERAL ADP/FIP HARDWARE MAINTENANCE

The FIP Resources Branch (C6331) has a Center-wide contract for maintenance, repair, and preventive maintenance of Data General ADP/FIP hardware and attached peripherals. This contract is not mandatory; it is available to provide primary or alternate service support.

Contractor: Telos Corporation at Edwards AFB

Trouble Desk: (800) 888-5721  
Technician: Quinton Smith  
Contract Number: N60530-89-D-0283  
Current Period of Performance: Through 30 September 1993 (plus one more 1-year option)

Contract Type: Per call and on-call support are both available under this contract  
Cost: \$90 per hour plus parts/material with a 2-hour minimum for per-call systems

A fixed monthly charge is assessed by configuration for on-call systems.

A 10.4% service charge is applied to the total contract costs for C6331 service center. Data General (DG) hardware maintenance is one of 12 contracts in the General Support Account (GNS). Support costs for this account are Labor = \$49.3K, Contracts = \$682K, Transfers = \$13.5K, Data Entry Support = \$8K. Total C6331 support costs divided by total contract costs provide the formula for the surcharge amount \$70.8K/\$682K = 10.4%.

**Your system must be on the contract inventory to receive service under this contract.**

If you need to add or delete Data General computers (with DG or third-party peripherals) to from this contract, contact Linda McCauley at 939-0614. (C6331)

### TEXTORIX ADP HARDWARE MAINTENANCE

The FIP Resources Branch (C6331) has a contract for maintenance of Textorix ADP/FIP hardware and attached peripherals. This contract is not mandatory; it is available to provide primary or alternate service to existing maintenance contracts.

Contractor: EOMC, Inc.  
Contract Number: N60530-91-D-0135  
Contract Type: Per call (time and materials)  
Current Period of Performance: Through 31 December 1993 (plus one more 1-year option)

Cost: Technician - \$33 per hour (1-hour minimum) plus parts (22% material handling charge applicable to parts/materials replaced)

Response: 6-hour response time during the principal period of maintenance (Monday through Friday, 0730 to 1630) with a 1-hour minimum.

A 10.4% service charge is applied to the total contract costs for C6331 service center. Textorix hardware maintenance is one of 12 contracts in the General Support Account (GNS). Support costs for this account are Labor = \$49.3K, Contracts = \$682K, Transfers = \$13.5K, Data Entry Support = \$8K. Total C6331 support costs divided by total contract costs provide the formula for the surcharge amount \$70.8K/\$682K = 10.4%.

To place a trouble call, contact Linda McCauley at 939-0614. You must have the equipment model, serial, barcode number, equipment location, problem description, point of contact, alternate point of contact, and phone number. (C6331)

### SUN ADP/FIP HARDWARE MAINTENANCE

The FIP Resources Branch (C6331) has a Center-wide contract for SUN FIP/ADP hardware maintenance contract in place for preven-

tive maintenance and repair of SUN FIP/ADP hardware and attached peripherals. This contract is not mandatory; it is available to provide primary or alternate service support.

Contractor: Digital Equipment Corporation

Contract Number: N60530-91-C-0159  
Current Period of Performance: 1 October 1992 through 30 September 1993 (plus three more 1-year options).

Per call and on-call support are both available under this contract.

Cost: \$99 per hour plus parts/materials with a 2-hour minimum for per-call systems

A fixed monthly charge is assessed by configuration for on-call systems.

A 10.4% service charge is applied to the total contract costs for the C6331 service center. SUN hardware maintenance is one of 12 contracts in the General Support Account (GNS). Support costs for this account are Labor = \$49.3K, Contracts = \$682K, Transfers = \$13.5K, Data Entry Support = \$8K. Total C6331 support costs divided by total contract costs provide the formula for the surcharge amount \$70.8K/\$682K = 10.4%.

**You must be on the contract inventory to receive service.** If you need to add or delete a system on the contract or you need additional information, contact Linda McCauley at 939-0614. (C6331)

### DEC SOFTWARE LICENSES

If you have a DEC software license that is not being used and would like to transfer it to the DEC license pool for rehosting on another NAWC/NAWS computer, would like to remove DEC software from a computer and transfer it to another local computer, or wish to acquire a software license from the pool, contact Linda McCauley at 939-0614.

Some of the licenses available for redesignation are Microvax, Vax ADA; 3800/4000; Microvax, All-In-One; 11/780, Basic; 11/750,

Common Data Dictionary (CDD); 11/750, Cobol; 11/780, Datatrieve; 11/785, Data Base Management System (DBMS); Microvax, Vax DECGraph; 11/780, Decal; Microvax, DECPage; Microvax, DECslide; 11/780, Microvax, Forms Management System (FMS); 11/785/780/750, Fortran; 11/780/785, F-77; Microvax, Vaxstation, Graphics Kernel System (GKS); Microvax, 11/780, LISP; 11/780, Language Sensitive Editor (LSE); Microvax, OPS; 11/780/785, Microvax, Pascal; 11/750, RSX; 11/750, RTE; 11/780, Software Performance Monitor (SPM); 11/750/780, Terminal Data Management System (TDMS); and Microvax, Workstation Software.

### DATA GENERAL ADP/FIP HARDWARE

The FIP Resources Branch (C6331) currently has a Center-wide contract for repair and preventive maintenance of Data General ADP/FIP hardware and attached peripherals. This contract expires 30 September 1994. C6331 is soliciting input from the users to determine if there is a need to continue this service. If there is, the follow-on will be a time-and-material, per-call hardware maintenance contract for China Lake and Point Mugu sites. (This means the user would pay a 1- or 2-hour minimum labor charge plus material costs for each trouble call.) If you are interested in coverage under the follow-on contract, please contact Linda McCauley at 939-0614. (C6331)

### WACOM LUNCHEON MEETING

The May WACOM luncheon meeting will be held at the Seafarer Club on Tuesday, 11 May with a social period at 1100. The meeting will begin at 1130 to distribute annual funds. Lunch will immediately follow the meeting. The cost of the luncheon is \$7.50 for members and \$12.50 for guests. Members may make reservations by calling Eleanor Rockdale at 446-6925. (Code C86)

### RETIREMENTS AND FAREWELLS

#### ARTHUR E. EDMUNDSON

Arthur E. Edmundson (C3302) will be retiring after 34 years of Federal service, 19 of which were served at China Lake (11 with the China Lake Police and 8 as a Security Officer at Echo Range). A farewell party will be held in his honor at the American Legion, 641 Inyokern Road on Thursday, 13 May. There will be no-host cocktails and heavy hors d'oeuvres beginning at 1830. Tickets must be purchased in advance. For ticket information, reservations, presentations, or gift donations, contact Tammi Johnson at 939-9190 or Carol at 939-9165 by 10 May.

#### BOB AND CHERYL PREUL

Bob (C2952) and Cheryl (C252) Preul are retiring after 51 collective years of service at China Lake. A combined farewell party will be held in their honor at the Elks Lodge on Sunday, 16 May at 1400. Cake, snacks, coffee, and a no-host bar will be available. For presentations or gift donations, contact Jeri Morris at 939-1049 or Janice Metz at 939-3832.

#### TOM MCGILL

Tom McGill, Head of the Environmental Projects Office, is leaving China Lake after 14 years of Civil Service to pursue a career in the private sector. A farewell party in his honor will be held on Thursday, 27 May, at 1730 at the Carriage Inn. Hors d'oeuvres will be served, and there will be a no-host bar. Tickets are \$10 per person, including tax and gratuity. For presentations or reservations call Liz Marquez at 939-2750 or Linda Law at 939-2893 by 24 May.

#### BRENDA B. BURNETT

Brenda B. Burnett (C02422) is retiring after 24 years of Federal service. A farewell luncheon will be held in her honor at Farris' at the Heritage on Friday, 28 May at 1130. A salad buffet will include chicken salad, jello fruit salad, crab pasta salad, vegetable salad bar, slaw, potato salad, cucumber salad, assorted crackers, and coffee and tea. The cost will be \$9 per person, including tax and gratuity. Tickets must be purchased in advance. For tickets or gift donations contact Barbara Bennett at 939-2701 or Nita Schriener at 927-3246 by 24 May.

#### RANDALL W. MORRIS

Randall W. Morris will be retiring after 36-1/2 years of Federal service, 32-1/2 of which were served at China Lake. A farewell luncheon will be held in his honor at John's Pizza on Thursday, 3 June at 1115. Guests may choose the High Noon Special or order off of the menu. For reservations (with menu choice), presentations, or gift donations, contact Debbi Birch (C3921) at 939-3761 or Linda Jester (C392) at 939-6012 by 31 May.

The NAWCWPNS/NAWS Announcements, published by the Technical Information Department (TID, Code C64), disseminates work-related information to all personnel through the Rocketeer, which is published biweekly on the Thursday before payday. To ensure accuracy, all items must be submitted in writing (preferably double-spaced) and must include a sponsor code and phone number. The collection deadline



## LEAVE DONORS NEEDED

The employees listed below have been approved as leave recipients under the Leave Transfer Program. These employees have exhausted annual and sick leave because of personal or medical emergencies and anticipate being in a leave without pay status for at least 80 hours. Employees who wish to help a leave recipient may donate annual leave to the employee by submitting a completed NAVWPNCEN Form 12630/16 (Request to Donate Annual Leave to Leave Recipient). This form is available at Shop Store (Tel-Mart). A copy of your leave and earning statement is NOT required. Send your form to Code C621. For additional information please call Cindy Smith at 939-2018.

**Sandra Rowan, Secretary, C834**  
Sandra had surgery and is in need of leave.

**Nadine Foley, Personnel Data Management Assistant, C6261.**  
Nadine had surgery and is now recovering at home.

**Majorie Hunter, Secretary, C0231.**  
Majorie is undergoing surgery on both hands for carpal tunnel syndrome.

**Janet Blackwell, Procurement Assistant, C658**  
Janet had surgery on a herniated nucleus

pulposus. She is recovering and is indebted for leave.

**Linda Collins, Secretary, C0235.**  
Linda is pregnant and due 3 May. She is having pre-term labor and is unable to work

for the duration of her pregnancy and is in need of leave.

**Alvina S. Quintanilla, Contract Specialist, C654.**  
Alvina is undergoing daily radiation therapy for inoperable cancer of the naso-pharynx.



**SATELLITE BROADCAST: HIGH SPEED DIGITAL SYSTEMS DESIGN AND TEST (4 hrs.)**  
20 May; Thursday, 0845-1300; Training Center. By: Hewlett-Packard

Intended Audience: Digital design engineers and managers who are responsible for system/circuit design and test for the Aerospace/Defense, Computer, and Communication Industries.

This teleconference series helps you solve your complex digital design and test problems. It is designed to bring to you interactive presentations by consultants and industry experts. Each attendee will receive a copy of the technical presentations. For a more detailed outline call 939-2359. Registration is on a walk-in basis.

**HARDWARE AND SOFTWARE DEVELOPMENT INTEGRATION (4 hrs.)**  
2 June; Wednesday, 0800-1130; Training Center. By: Dr. Leo Egan, Consultant

This presentation will cover specific life cycles for hardware and software development. Life cycle flow for hardware and software products will be explained. A parallel or concurrent engineering approach will be depicted. Individuals will receive an overall appreciation for the multidisciplinary involved in the integration of systems composed of hardware/software/firmware. Deadline: 19 May.

**COST ANALYSIS (8 hrs.)**  
8 June; Tuesday, 0800-1600; Training Center. By: Alan Vokolek, C0245

**REQUIRED FOR ENROLLEES IN THE TMC & SEC PROGRAMS.**

Topics include reasons for a cost analysis effort; availability of funds-trends for the 90s, and the increasing cost of weapon systems; life cycle costs—the concept, applications, cost analysis techniques, design, cost, and schedule; and the system acquisition cycle—RD&E production, and program reviews. Deadline: 25 May.

**ENVIRONMENTAL ENGINEERING (8 hrs.)**  
9 June; Wednesday, 0800-1600; Training Center. By: Steve Tanner, C2565

**REQUIRED FOR ENROLLEES IN THE TMC & SEC PROGRAMS.**

This course will include what the technical manager (not the practitioner) should know about environmental engineering: what it is, why it's important, how it's integrated into the acquisition program, and what elements are required in such a program.

Deadline: 26 May.

**RELIABILITY/MAINTAINABILITY (8 hrs.)**  
16 June; Wednesday, 0800-1600; Training Center. By: Charles Fleener, C2507

**REQUIRED FOR ENROLLEES IN THE TMC & SEC PROGRAMS.**

This course is designed to acquaint managers with the elements of reliability and maintainability. The latest activities by DOD, CMN, and NAWs will be discussed. Topics include R&M requirements, R&M management, design criteria, design analysis, parts and materials programs, integrated test programs, failure recurrence control, and documentation review. Help in tailoring these elements to a particular contract because of program phase cost and schedule will be provided. Deadline: 2 June.

**INFRARED WINDOW AND DOME MATERIALS (4 hrs.)**  
24 June; Thursday, 1230-1630; Mich Lab, Conference Room B/C. By: Dr. Daniel C. Harris, C02354

This half-day course is directed at engineers, scientists, and managers who need a basic introduction to properties, performance, and manufacture of windows and domes and presents an overview of the optical, thermal, and mechanical characteristics of infrared-transmitting window and dome materials. Dome fabrication and optical finishing will be described. The concluding section gives the status of diamond as the infrared optical material of the future. The textbook,

Unless otherwise noted, enroll in the following classes by submitting NAVWPNCEN 12410/73 (Rev. 12-88). Request for On-Center Training, via department

**Infrared Window and Dome Materials (D. C. Harris, SPIE Press, 1992), will be provided to each attendee.**  
To register call Denise at 939-2648.

**CAREER COUNSELING**  
**Non-Payday Fridays; Cerro Coso Counselors; Trailer behind Training Center**

One-on-one career counseling is available at the Career Transition and Outplacement Center located in the white trailer behind the Training Center. The counselor will be able to help with career decision making, resume writing, and education counseling. Various programs, inventories, and assessments are available.

To obtain more information about the services available or to schedule an appointment call 939-0873.

**LIFE AFTER RETIREMENT: THE NEXT 30 YEARS (16 hrs.)**  
10-11 May; Monday and Tuesday, 0800-1600; Training Center. By: Miriam Cartwright and Charla Green

This workshop will assist people who want to ensure that their years after retirement are vital and rewarding. Studies have shown that unhappiness in retirement is most often the result of nonfinancial problems and issues. The purpose of the course is to give participants clarity on these problems and issues and develop appropriate outlooks and strategies for handling them so retirement will be a continuing source of joy and satisfaction. At the conclusion of this course participants will know the realities, as opposed to myths, of life after retirement, have an expanded set of options for meeting the challenges of retirement years and for enhancing their day-to-day living at any age, and know how to develop their own personal plan for living more fully today and in the future. To enroll call Pat at 939-3159.

**EXPLORING MEN'S ISSUES: HEROES AND IDENTITY (2 hrs.)**  
11 May; Tuesday, 0900-1100; Training Center. By: Bob Huey and Betty Miller

This class will discuss models of masculinity that have evolved in our society—how they are used for everything from selling cigarettes to fighting a war. A video will provide examples of the impact of role models on men in today's society. Supervisors will gain a better understanding of men in crisis in their work group. Individuals will have a better insight into personal issues affecting themselves and others. To enroll call 939-2468.

**BUILDING COMMITMENT IN YOUR ORGANIZATION (16 hrs.)**  
11-12 May; Tuesday-Wednesday, 0730-1630; Training Center. By: Linda Andrews and Jack Latimer

Intended Audience: Managers and supervisors and other interested employees.

This class provides a developmental process that will dramatically improve commitment in your organization. Extensive class exercises and interaction give each participant practical application of the principles and tools. Participants will learn how to analyze and solve problems, address and resolve conflicts, build collaborative partnerships, understand others, and build commitment in themselves and others to maximize performance and personal satisfaction. To enroll or ask questions call 939-2686.

**SUPPORTIVE CONFRONTATION (16 hrs.)**  
12-13 May; Wednesday and Thursday, 0800-1600; Training Center. By: Mary Ann Gallagher, Ph.D.

The purpose of this workshop is to explore models for supportive confrontation and to practice skills necessary to carry them out. Participants will examine conditions necessary for supportively confronting someone else's behavior. Participants will discuss judgment, advice, and analysis of others. The workshop will also touch on what participants can do if they unexpectedly find themselves being confronted.

Presentation Method: Seminar  
To enroll call the Wellness Program Office, 939-2468.

**SHORT PROCESS FOR TEAM PROBLEM SOLVING (4 hrs.)**  
14 May; Friday, 1230-1630; Training Center. By: Bob Huey, C622

Intended Audience: Members and leaders of problem-solving teams.

This class will focus on a four-step problem-solving model that is easy to use for quick PROCESS problem solving with a team. Team members will learn the steps of the process and experience its use on a variety of problems. Team members are asked to bring an example of a PROCESS problem from their work situation. To enroll or ask questions call 939-2686.

**POWERPOINT ON THE MACINTOSH (8 hrs.)**  
17 May; Monday, 0800-1600; Training Center. By: Paul Colter, C6264

Prerequisite: General knowledge of Macintosh concepts and usage.

In this class you will obtain the skills necessary to produce the kind of presentations you have always wanted. Topics include creating, editing, and printing presentation slides and charts.

To enroll call 939-0870.

**PERSONNEL POLICIES & PROCEDURES FOR ADMINISTRATIVE PERSONNEL (16 hrs.)**  
18-19 May; Tuesday-Wednesday, 0800-1600; Training Center. By: C62

This course provides basic information on the personnel system. Topics covered are the organization structure and philosophy, Privacy Act, workers compensation, drug-free workplace, training, EEO complaint process, prevention of sexual harassment, time, leave, and pay policy, employee problems, Affirmative Action, and demo performance appraisal. There will be a question-and-answer period. To enroll call 939-3159.

**PREMENSTRUAL SYNDROME: MYTHS AND FACTS (1.5 hrs.)**  
24 May; Monday, 1000-1130; Training Center. By: Dr. Sylvia R. Cramer, Consultant

During American Heritage Week, a program designed to give you up-to-date information on PMS will be offered. This class is for both women experiencing PMS and those interested in understanding PMS through increased knowledge based on the facts rather than the many prevalent myths. Learn why PMS occurs and what steps you can take to alleviate its varied symptoms. Topics include how to evaluate your symptoms, the roles of diet, exercise, and stress management in treatment, and a practical approach in gaining control over PMS. To enroll call 939-2468.

**UNDERSTANDING THE MENOPAUSE CYCLE (1.5 hrs.)**  
24 May; Monday, 1300-1430; Training Center. By: Dr. Sylvia R. Cramer, Consultant

Make American Heritage Week a time to learn the facts about menopause and the very latest on estrogen replacement and the alternative treatments now available. The lecture is designed to give accurate, practical information to both men and women. Topics covered include coping with hot flashes and other symptoms; the pros and cons of estrogen; maintaining sexual health; reducing the risk of osteoporosis and cancer; and how to make an informed decision about estrogen use and the alternative therapies. To enroll call 939-2468.

**INTRODUCTION TO THRIFT SAVINGS PLAN: Plus Debt Reduction & Saving Strategies (4 hrs.)**  
25 May; Tuesday, 1230-1630; Training Center. By: Charla Green, Consultant

This course is for all CSRS and FERS employees who are eligible to participate in the Thrift Savings Plan. Topics to be discussed are debt reduction; coping with creditors; credit reports; spending plan design; borrowing wisely; saving strategies; explanation of the G, F, and C funds; potential risks and returns attached to each fund; appropriate fund allocation strategies; inter-fund transfers; and Thrift Savings Plan loan program. If you are already contributing to TSP and are considering additional retirement investments, an advanced course will be given 13 July, which may be more appropriate for you. To enroll call the Wellness Program Office, 939-2468.

**JUGGLING YOUR CAREER AND CHILD (2 hrs.)**  
25 May; Tuesday, 0930-1130; Training Center. By: Bonnie Bennett-Senn, Consultant

This course will focus on managing the demands of a career while raising children. Participants will learn tips on improving communications with their children and supervisors; the importance of involving children in

## CPR AND FIRST AID CLASSES

Have you ever thought about learning the life-saving skills of cardiopulmonary resuscitation (CPR) and first aid? Has it been awhile since your last CPR class? Are you currently certified in CPR and/or first aid but your certification is about to expire? If any of these is true for you, plan on participating in our summer CPR and/or First Aid training classes.

In an effort to train as may China Lakers as possible over a relatively short period of time, the NAWCWPNS Safety Office (C8401), in conjunction with Cerro Coso Community College, will be presenting American Red Cross CPR and Standard First Aid classes from 15 June through 19 August. Classes will be Monday through Thursday between the dates listed above. CPR classes are 4 hours in duration while standard first aid classes (which include CPR) are 8 hours. There is no cost involved to participate in the classes, which are open to the community.

CPR and first aid saves lives. You will become an important part of the emergency care team as you learn the practical skills for appropriate, life-saving care.

To obtain more information, or to sign up for the classes, call the Safety Office at 939-2315.

## SECURITY CLASSES

**CUSTODY CONTROL POINT (CCP) PROCEDURES (8 hrs.)**  
13 May; Thursday, 0730-1630; Training Center. By: Linda Hall, C84301

Prerequisite: Security for Clerical and Administrative Workforce.

This class is for all custody control points and alternates. It will include a discussion of CCP responsibilities, duties, and procedures. This "hands-on" class will cover secret document control, accountability procedures, custodial responsibilities, transmittals, markings/wrappings/addressing packages, accounting procedures, reproduction, and distribution. To enroll call 939-2216.

**INDUSTRIAL SECURITY FOR NAVY PROFESSIONALS (7 hrs.)**  
26 May; Wednesday, 0800-1600; Training Center. By: Linda Hall, C84301

Technical representatives on classified contracts are required to provide the contracting official with the security requirements listed on the DD 254. If you are involved in the contracting process—whether a technical monitor, technical coordinator, or acquisition personnel—this class is for you. The DD 254 and security responsibilities are discussed in detail. To enroll call 939-2216.

household tasks, selecting child care and accessing social supports; tips for organizing; and caring for one's self.

Enrollment is on a walk-in basis. To ask questions call 939-2468.

**CAREER TRANSITION WORKSHOP**  
25 and 27 May; Tuesday and Thursday, 0800-1600 (Plus pre-and post-interviews); Training Center. By: Cerro Coso Staff

This workshop is designed for employees who, either by choice or by circumstances, are considering retirement, or transitioning to other jobs, either on- or off-Center. To prepare for the workshop, each participant will have an individual 20-minute pre-interview and a 20-minute post-interview. NOTE: THIS WORKSHOP IS ON 2 DAYS, TUESDAY AND THURSDAY. To enroll call Pat at 939-3159.

**EQUIPMENT CUSTODIAN (3 hrs.)**  
26 May; Wednesday, 1300-1600; Training Center. By: Debra Schlick, C05E1

This course is designed to familiarize Equipment Custodians with Accountability for Plant and Minor Property. It will also provide assistance and guidance in the use of Equipment Management forms and accountable assets.

A way of accessing CERMS through an ACC2 network will be explained and a guide will be handed out. To enroll call Pat at 939-3159.

## TAKING THE INITIATIVE (8 hrs.)

27 May; Thursday, 0800-1600, Training Center. By: Marion Lapan

This seminar is designed to assist participants in identifying and practicing the skills necessary to stay in control of their career process. Skills in self-presentation, positioning, risk-taking, connecting, and political astuteness will be learned.

Enrollment for this class is on a call-in basis. To reserve your space call 939-3159.

**EXCEL 4.0 FOR THE MACINTOSH (16 hrs.)**  
2-3 June; Wednesday-Thursday, 0800-1600; Training Center. By: Paul Baczkiewicz, C81

Prerequisite: Basic Macintosh operating skills.

In this class you will learn basic Excel concepts—creating a worksheet; entering values, labels, formulas, and notes; worksheet development (editing, moving around, using help, functions, fill copy, absolute and relative addressing, cut and paste, paste special, formatting, insert/delete, rows/columns, borders, save); printing the spreadsheet (print area, headers, footers, page setup); keyboard macros; database operations (named ranges, split windows); charts; and linking worksheets. To enroll call 939-0870.

**FILES IMPROVEMENT AND RECORDS DISPOSITION (8 hrs.)**  
2-3 June; Wednesday and Thursday, 0800-1130; Training Center. By: Pam Williams

This class is designed to help recordkeepers 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 Centers for storage will be discussed. To enroll call Sue at 939-2349.

Deadline: 26 May.

**CULTURAL/GENERATIONAL GAP (4 hrs.)**  
3 June; Thursday, 0800-1130 or 1230-1600; Training Center. By: Suzanne Hard, Consultant

Intended Audience: All NAWCWPNS employees.

This course will look at the demographic, economic, and cultural impact of four groups on our work place effectiveness. The four groups are *The Twenty-Something Generation*, *The Boomers*, *The Dinosaurs*, and *Gender*. The workforce is changing more rapidly than ever. When values are so different, how do you motivate, coach, and train? The new crop of employees, sometimes referred to as the "Brash Pack," have an attitude—they want access, authority, and answers—and they want it NOW. How do you manage and motivate them? The Boomers (now 30-45 years old) find themselves squeezed in the middle by their own large numbers. They see the Dinosaurs above who are not retiring and the Brashers who are pushing from below. Finally, we have the Dinosaurs, the "Command and Control Managers." They are calling many of the shots—they have the history, the networks, and the savvy.

Gender differences and styles may also affect your management effectiveness. You will hear the latest research on how men and women perform similar tasks differently.

This course meets the supervisor's yearly EEO training requirements.

To enroll or ask questions call 939-2686.

**PARENTING CLASSES (12 hrs.)**  
3 June through 22 July; Thursdays, 1130-1300; Bldg. 457 (on Blandy). By: Ann Brestrup & Debra Oliver

The series of classes (Systematic Training for Effective Parenting (STEP)) is designed for parents of children ages 0 to 6 years old. The program will give participants an opportunity to develop skills and goals for parenting very young children. Books will be available for \$14. To enroll call 939-2468.

**AUTOCAD 2D (LEVELS I & II) (40 hrs.)**  
7-11 June; Monday-Friday, 0800-1600; Training Center. By: Hit Return, Inc.

Prerequisite: Basic DOS knowledge and fundamental drafting concepts.

In this class you will learn to use the basic 2D Autocad commands to draw and edit drawing; use the utility commands; to use zoom commands; and hands-on plotter technique, and external and internal references to configure the student's hardware. Deadline: 24 May

**INTRODUCTION TO SUPERVISION (40 hrs.)**  
7-11 June; Monday-Friday, 0800-1600; Training Center. By: Donna Eller Jones

Intended Audience: Supervisory personnel ONLY. This course is required for first-level supervisors needing training in basic supervisory duties. The class will provide fundamental grounding in practical, modern concepts of supervision. Topics to be covered are introduction, leadership, planning and organizing, problem solving and decision making, motivation, communication, resolving interpersonal conflicts, delegation, NAWC/NAWS personnel management, and a workshop summary.

To enroll or ask questions call 939-2686.

**OBJECT ORIENTED IMPLEMENTATION IN C++ (40 hrs.)**  
7-11 June; Monday-Friday, 0800-1600; Training Center. By: John Francis, C2872

Prerequisite: The student must have a basic understanding of ANSI C programming syntax and an introduction to C++. This course is not for first-time programmers.

This course focuses on the structural framework of the object oriented language C++. Syntactic properties of C/C++ are not directly discussed. Object-oriented design methodologies and design tools will be demonstrated and practiced by the student. Several different object-oriented tools will be presented.

A complete design project will be implemented in the class. There will be class projects and assignments. Some light outside work will be required. The lab projects are designed to be solved by a small working group.

Deadline: 24 May

**PARENTING CLASSES (15 hrs.)**  
8 June thru 10 August; Tuesdays, 1130-1300; Bldg. 457 (on Blandy). By: Linda Eberhart & Janet Presley

This series of classes (Systematic Training for Effective Parenting (STEP)) is designed for parents with children ages 6-12. Improving parent-child relationships will be the focus of the 10-week course. The method encourages mutual respect between parent and child, increased cooperation, and effective communication. Books will be available for \$14. To enroll call 939-2468.

**MACINTOSH, INTRODUCTION (8 hrs.)**  
18-19 May; Tuesday and Wednesday, 0800-1130; Training Center. By: Olivia Francis, OVF Graphics & Assoc.

Intended Audience: Beginners with little or no Macintosh experience.

In this course you will learn to use the keyboard and the mouse to input information to the Macintosh; change software to suit the current application; view files and folders on a data disk; select and drag icons and open icons through the file menu; activate and close windows; use Desk Accessories such as Chooser, Finder, and Calculator; use the Clipboard to transfer information, some typical applications packages such as a wordprocessor, and/or a graphic program. To enroll call 939-0870.

**BETTER NAVAL WRITING (8 hrs.)**  
21 June; Monday, 0800-1600; Training Center. By: LaNelle Thompson

SECNAVINST 5216.5C sets new writing standards that are important to anyone 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.

To enroll call Sue at 939-2349.

Deadline: 14 June.

**MAC COMPETENCY WEEK/INTRO TO MACINTOSH (40 hrs.)**  
21-25 June; Monday-Friday, 0800-1600; Training Center. By: Human Interface Training

This 5-day hands-on, self-paced crash course is good for those new to Mac or those who need to become competent fast. Class includes an introduction to Macintosh computing, Word 5.0, Powerpoint, Filemaker Pro, and Excel 4.0. To enroll call 939-0870.

**WORD ON THE MACINTOSH, ADVANCED (16 hrs.)**  
28-29 June; Monday-Tuesday, 0800-1600; Training Center. By: Donnie Goettig, Consultant

Prerequisite: 6 months experience using Word 5.0. In this course you will learn how to use:

1. Style sheets; automatic and custom, based on, next style, copying and pasting styles, linked styles, changing and editing styles
2. Tables: multiple-page tables, combining, merging and splitting cells, sorting in the table
3. Advanced graphics: cropping, resizing, position command, flowing text around the graphic
4. Indexes, custom menus
5. Advanced formatting
6. Tips, keyboard shortcuts

To enroll call 939-0870.

**EXCEL MACROS (16 hrs.)**  
30 June-1 July; Wednesday-Thursday, 0800-1600; Training Center. By: Al Goettig, Consultant

Prerequisite: Experience with complex spreadsheets and at least a brief exposure to Excel's macro capability or an understanding of spreadsheet structure and applications in combination with basic skills with a programming language such as Basic, Fortran, Pascal, etc.

The course will cover procedures for developing macros for use with Excel spreadsheets. File and window management techniques, interactive macros, looping procedures, and input data checking techniques will be covered. The approach used will be to develop macros to perform specific tasks. Individual elements of the macro language will be discussed in the context of the specific task being considered. Discussion of overall design of multiple spreadsheet systems and the possible uses of macros will also be included.

To enroll call 939-0870.

## SECRETARIAL CERTIFICATE PROGRAM

The Human Resources Development Division (C622) is currently accepting applications for the NAWCWPNS/NAWS Secretarial Certificate Program. The program is divided into two categories. Category I includes 68 hours of training in courses relating to policies and procedures relevant to the Center. Courses include Introduction to TQM, Better Naval Writing, Official Naval Correspondence, Files Improvement and Records Disposition, Interpersonal Communications, Career Expansion Workshop (optional), and Clerical Forum—Travel, Security, Training, and Payroll.

Category II provides the 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. A total of 27 units is needed to pass Category II. The courses included are: Bus Adm 18A

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 80 — Comp Appl - Word Processing; Computer Sci 83 — Comp Appl - Spreadsheet; Computer Sci 86 — Comp Appl - Database; and Bus 54 — Office Personnel Seminar.

Upon completion of the NAWCWPNS/NAWS Certificate Program, two other options open up for the clerical personnel. For those taking five to eight more units listed in a separate category, a Cerro Coso Community College Certificate in Business Administration is available, 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.

For further information, please contact Sue Bristow at 939-2349.

## CSUN SUMMER COURSES

The following courses are being offered for the summer in the California State University, Northridge (CSUN) Engineering Program (master's degree). To enroll in these courses, call Denise at 939-2648. Deadline for enrolling is 10 calendar days before the starting date of the class.

**EE471N: ELECTROMAGNETIC FIELDS AND WAVES II (3 units)**  
7 June - 6 August; Mondays, Wednesdays, and Fridays (except payday Fridays), 1610-1810; Training Center. By: David Gagnon, 939-1416

Prerequisite: EE470: Electromagnetic Fields and Waves I or equivalent or consent of instructor. Scope: Analysis of time-varying electromagnetic fields, Maxwell's equations, waves in ideal and lossy matter, impedance concept, duality, equivalence principle, energy flow, reciprocity theorem, transmission lines, waveguides, resonators, and surface waves antennas.

**EE682N: STATE VARIABLES IN AUTOMATIC CONTROL (3 units)**  
8 June - 5 August; Tuesdays and Thursdays, 1610-1840; Training Center. By: Philip Bowen, 939-3494

Prerequisite: EE480: Fundamentals of Control Systems or equivalent or consent of instructor. Scope: Application of state-space methods to the analysis and synthesis of feedback control systems, matrices, vectors and vector spaces, coordinate transformations, solution of the vector matrix differential equation, stability, controllability and observability, and optimal control systems.

**IE404: ENGINEERING MANAGEMENT (3 units)**  
7 June - 4 August; Mondays and Wednesdays, 1610-1840; Training Center. By: Gerald Proctor, 939-4901

Prerequisite: IE304: Engineering Economy or equivalent or consent of instructor. Scope: Principles of organization and administration applied to engineering research, design, and production.

**ME484: CONTROL OF MECHANICAL SYSTEMS (3 units)**  
1 June - 28 July; Tuesdays, 1610-1910, and Wednesdays, 1030-1230; Training Center. By: Professor C. T. Lin, CSUN, (818) 885-2760