

## Community Events

In coordination with the Maturango Museum, the Coso Dog Fanciers Association and other local dog breeders and trainers will sponsor a special Dog Fair tomorrow from 10 a.m. to 4 p.m. Demonstrations and presentations on obedience, grooming, health care, and special training will be held in the Kern Regional Park next to the Museum.

American Association of Retired Persons, Chapter 12, will meet Sunday, May 14 at the Senior Citizen's Center, 125 S. Warner. Bring a potluck dish and table service for lunch at 1 p.m., followed by the business meeting and a guest speaker beginning at 2 p.m. Harvey Eastman is the point of contact at 446-5327.

## Technical Societies

IEEE sets luncheon Computer Society

On Wednesday, May 17, the Institute of Electrical and Electronics Engineers (IEEE) will hold a luncheon meeting at El Charro Avitia restaurant. Dr. Gary Hower, a 20-year NWC mathematician, will speak on the topic: A State Space Theory of Structured Singular Values with a Missile Autopilot Example. Visitors are welcome to attend.

Supercomputer Performance in Real-time Science and Operational Systems is the topic at the next meeting of the China Lake Chapter of The Computer Society. Douglas Goodman of CRAY Research will speak at the lunch meeting on March 23 at El Charro Avitia restaurant, beginning at 11:30 a.m. Contact Jack Moore at 446-1744 by May 19.



Housing says...Congratulations from Command and the Housing staff to the winners selected as the Yard of the Month recipients for May. The winners are BT2 and Mrs. Preston (Pops) Laisure, 435 Hubbard Circle; SSgt. and Mrs. Chris Beebe, 1413 Kearsarge; and ADCS and Mrs. Larry Pritchett, 2000 Coral Sea.

Their hard work, time and effort are reflected in the exceptional appearance of their yards.

We hope everyone will become involved in this program and work at helping to improve and maintain Navy Family Housing.

Take a drive by to see these beautiful yards.



## Officers to be installed

(Continued from Page 4) winner will be announced. Attendees will listen and dance to the music of the "Sai-What??" band from Compton, Calif. Boss Band & Company (BB&C) will also perform.

Tickets are \$30 per person. They may be purchased by calling Catherine Rogers, NWC ext. 2348; Willie Edwards, NWC ext. 2736; or Alexander, NWC ext. 2465.

Officers being installed during the ball are Alexander, president; Brooks, vice-president; Willie

Edwards, secretary; Catherine Rogers, treasurer; Ricky Parks, parliamentarian; Will Carey, historian; Gilchrist, recording secretary; and Ira Calvin, sergeant-at-arms.

BOSS is open to the public, regardless of race, sex or religious beliefs. Membership dues are \$5.50 per month and all contributions to BOSS are tax deductible.

Alexander concluded, "We want to help our community neighbors and to host more cultural events that highlight Black culture."

## NCMA meets

Carl Schaniel, department head of the Quality Review Group, Code 20, will be the guest speaker at the next meeting of the National Contract Management Association. The meeting will be held at 6:30 p.m. on Monday, May 15, at the Indian Wells Lodge.

For reservations to the May dinner meeting, please contact Rita Hazelwood of Comarco at 446-7671.



	Max	Min	Gusts
Thurs.	99	55	14 knots
Fri.	100	60	18 knots
Sat.	100	65	18 knots
Sun.	100	65	23 knots
Mon.	98	58	23 knots
Tues.	85	58	32 knots
Wed.	70	53	30 knots

WSA&E team earns award-P. 2

Sidewinder group receives honor-P. 6

# NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLIV, No. 19/May 12, 1989



AWARD WINNER-Wayne Doucette and Rita Peterson commend Judith Pitts, center, for being chosen as a runner-up in the Outstanding Clerical Employee category at the FEB Awards Ceremony.

## Work leads to successful firing of AIM-9R Wayne Doucette receives Meritorious Service Award



Exceptional technical expertise and outstanding program and line management skills earned the Navy Meritorious Civilian Service Award for Wayne Doucette on Tuesday.

"Your most recent achievement led to the in-house design of the Sidewinder AIM-9R electro-optical seeker, which was successfully fired on April 19," said Capt. John Burt, commanding officer, NWC, in his award letter. "This design will be effective through the 1990's."

Doucette was surprised and honored with the presentation made by Gerry Schiefer, NWC technical director. "I've had quite a career here, especially the last two years," he said. Doucette had dedicated his full energy into building a team comprised of both NAVAIR and Center personnel and initiated the design of the seeker to the Ford Aerospace Corporation for their final packaging for production.

Doucette has worked at NWC for 25 years. According to his award letter, throughout his career, "his technical achievements, efforts in furthering the technical leadership role of the Center, and his contributions in helping to fill the needs of the operational Navy have been outstanding."

Photo by PHAN Cary Brady.

## 'Solutions Unlimited' finds an answer using teamwork

By Peggy Shoaf

For the second time, a Quality Circle in the Engineering and Production Processes Division, Engineering Department, has defined a problem in the division and found a solution.

According to Carl Hinners, the leader of the Quality Circle, about a year ago "Solutions Unlimited" decided to examine the problem of the code's poor tooling and disassembling system.

"First we had to uncover the root cause of the problem," said Hinners. "To do this, we surveyed the tool crib's users and discovered each machinist spent an average of 1/2 hour per day to locate set up and inspection tools they needed. Tools

were easily misplaced, not returned, or broken and discarded without the proper paper work being filled out."

Solutions Unlimited decided the problem needed more than one solution. "We realized that someone needed to go through the tool crib and organize the tools," acknowledged Hinners. "After that, similar tools could be put in one location and then a complete inventory could be taken."

"We decided we had to initiate a data base system that would keep track of our inventory," Hinners added.

The circle presented their findings to Code 364's Steering Committee, which organizes and implements the division's Quality Circles. Members

of the Steering Committee are Sterling Haaland, head, Engineering Department; Dale Randle, head, Engineering and Production Processes Division; Chuck Johnson, associate division head; Bob Briley, head, Production Engineering Branch; Steve Newman, head, Quality Control Branch; and Doug Hinkley, the Quality Circle facilitator.

The circle's next step was to research available data bases for this tracking system. "We wound up looking at data bases that contractors had designed for their own use," noted Hinners.

The members decided to utilize the data base prepared and used by Remex, a distributing firm for (Continued on Page 11)

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## China Lakers honored Friday at FEB program

By Diana L. Dusek

Two employees of the Naval Weapons Center were recognized for outstanding performance last Friday in Los Angeles at the 16th annual Distinguished Public Service Awards Program of the Federal Executive Board.

The event was held at the Proud Bird Restaurant (located near Los Angeles International Airport) with Colonel Dominick Martinelli, USAF, Headquarters USAF Space Division, serving as the Master of Ceremonies. Mayor Tom Bradley

of Los Angeles extended his congratulations to the group by declaring May 5 to be Federal Employees' Day; a representative from his office presented a proclamation to the group.

The two China Lakers recognized at the ceremony were Judith K. Pitts, secretary of the Intercept Weapons Department's Electro-Optics Guidance Division and Stephen W. Bouthillier, head of the Personnel Security Section, Physical Security Branch, Safety and (Continued on Page 13)

## NRS gifts qualify for chances

Since its founding in 1904, the Navy Relief Society (NRS) has been a principal source of emergency assistance to members of the Navy and Marine Corps, both active and retired, as well as their dependents and survivors.

Whenever these people are in need, Navy Relief responds with aid in the form of interest-free loans, grants and other free services.

The Navy Relief Society is currently conducting its annual fund-raising campaign.

Lt. Harry Lewis, Navy Relief Society's China Lake branch executive director, encourages China Lakers to

participate in the NRS fund drive by making a donation. Each \$2 donation merits one drawing ticket for prizes. (A \$5 donation merits three tickets).

The first place prize is \$1000, second place winner will receive a round trip ticket for two anywhere in the continental U.S. (donated by Jack Fry Travel), the third place prize is \$750, Loewen's has donated a \$500 shopping spree for fourth place, and a (Continued on Page 3)







# NWC's Wellness Corner

## Take time out for health

As of May 15, the Wellness Program Office will be located in the Training Center and the staff can be reached at NWC ext. 2468.

Physical Fitness and Sports Month continues with special programs each day in May.

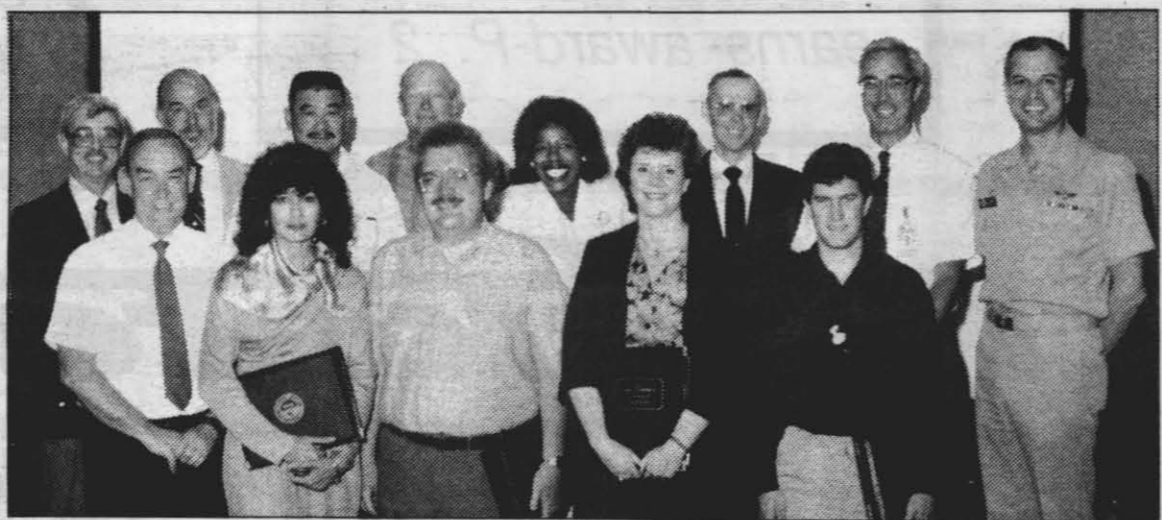
**May 15—Interpreting Food Labels: Fats and Fiber** by Lorraine Baty, R.D. from 3 to 4 p.m. in Training Center, Rm. 107 (walk in)—Interpretation of food label information following principles of nutrition will be presented. Participants will practice label interpretation techniques using given guidelines. The application of label information will be made to daily food choices. Ms. Baty is a registered dietitian at the Ridgecrest Community Hospital. She is very active in health-related community services and teaches at Cerro Coso Community College.

**May 16—Exercises for Individuals with Physical Limitations** by Ramona Fillman, MHA, PT from 2:30 to 3:30 p.m. at the Training Center (walk in)—Therapeutic exercise approaches will be discussed along with defining limiting factors: a) anything from pregnancy to paralysis, b) fact vs. fallacy, c) real vs. perceived. Screening your own limitations and being specific about the limitations will be explained. Also covered are will power and achieving despite limitations, as well as how to choose and begin an exercise routine, given physical limiting factors. Ms. Fillman is a registered physical therapist. She received her MHA and BS degrees from Loma Linda University. Currently she is

a general partner in the organization, *Habits for Health*.

**Dietary Control of Cholesterol** by Dr. Orvin Fillman, DHS, MPH from 8 to 11:30 a.m. and 12:30 to 4:00 p.m. at the Training Center (submit training request)—This seminar in two half-day sessions, provides a comprehensive review of how the diet can be used to lower blood lipids as an endeavor to prevent or control coronary artery disease. Although not a requirement for enrollment, attendees should bring their status reports from the Wellness Program assessments, blood analysis, a calculator (a must), and a one-day diet history. Dr. Fillman received his doctorate in health sciences and master's degree in public health from Loma Linda University. He currently is a general partner in the organization, *Habits for Health*.

**May 19—Strategies for Successful Weight Loss and Maintenance** by Darlene Dreon, MS, MPH, RD from 9:30 to 11 a.m. or 2:30 to 4 p.m. in Michelson Lab 1000D (walk in)—This workshop will cover the: prevalence of obesity and its associated health problems, results of the Stanford weight control projects, diet composition and body composition, long-term follow up of weight management, social learning theory and self motivation in weight management. Ms. Dreon received her dual master's degree in nutrition and public health and BS degree in nutrition from the University of California Berkeley. She is also a registered dietitian. Currently, she works as a staff scientist at the Lawrence Berkeley Laboratory.



**HARD WORK REWARDED**—(front l-r) Gerry Schiefer, NWC technical director and award co-presenter stands with Kim Koch, Andrew Sound, Sandee Schwarzbach and Andy Stanford; (back l-r) Code 30 department head Phil Arnold, Hugh Drake, Fred Bien, Al Goettig, June Rooks, Bert Niccum, Frank Buffum, and Capt. John Burt, NWC commander and award presenter smile proudly.



**GROUP EFFORT**—(front l-r) Schiefer; Julie Doerr; Larry Lincicum, NWC point of contact for WSA&E; Tom Sakai; and Alan Fouse with (back l-r) Arnold; Jim Churchill, NWC project manager; Jo Covert; Grace Felix; Bill Capps; Art Owens and Capt. Burt participated in the presentation.



**LAST, NOT LEAST**—(front l-r) Schiefer, Pat Kulas, Connie Davis, Jim Moldenhauer, and Margy Zinke along with (back l-r) Arnold, Frank St. George, Al Hugo, Bob McWilliams, Nita Schriener and Barbara Bennett complete the team with Capt. Burt standing by.

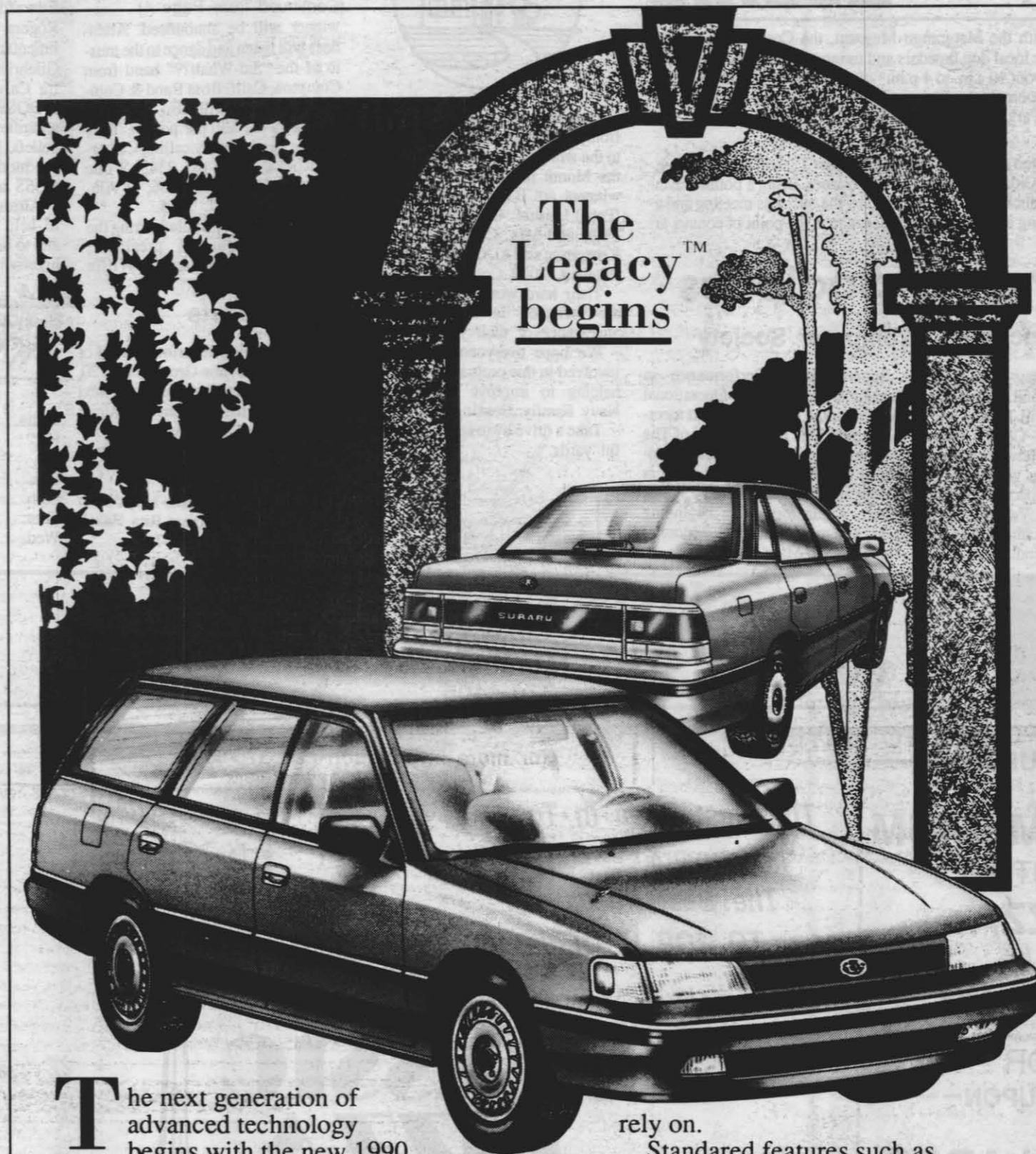
## Diverse group supports WSA&E

Recently, a group of 37 Center employees was presented the Navy Award of Merit for Group Achievement by Capt. John Burt, NWC commander, for their accomplishments in support of the SPAWAR Warfare Systems Architecture and Engineering (WSA&E) project. WSA&E is a project to significantly change the manner in which future Navy systems are acquired.

The Navy must constantly improve its warfighting capability to effectively conduct its assigned tasks and to meet continually advancing threats. The challenge of accomplishing that within budget constraints requires better definition of future Navy needs and a method for integrating existing and planned systems to best meet those needs. In response to that challenge, the

WSA&E effort was begun. The WSA&E process begins with the Office of the Chief of Naval Operations (OPNAV) specifying a set of Top Level Warfare Requirements (TLWRs). Architecture is the process by which the physical, functional, and organizational structure of a Battle Force are identified and assessed relative to these Navy

(Continued on Page 3)



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## NWC Rocketeer

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2 BDRM, 1 bath, duplex w/2 car garage w/owner, fireplace, washer/dryer refrigerator, G/D, small fenced yard, carpet mini-blinds. Water & trash paid. Avail. May 17. \$470/mo. plus deposit. 375-9003.

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**SIX MORE YEARS**—Lt. Mike Eddy, left, serves as reenlisting officer as AQ1 Basore officially signs up for six more years with the U.S. Navy. The two are members of Air Test and Evaluation Squadron Five. Photo by PH2 Gaston.



**DEVOTION TO DUTY**—is rewarded as AT3 Ken Coartney receives a Navy Commendation Medal from Cdr. Baron during a recent NWC awards ceremony. Photo by Tim Tyson, TID.



**A REASON FOR A PARTY**—was one of CWO4 Michael Cordoza's reasons for his retirement from the Navy after 26 years. He and his wife, Lisa, depart the traditional retirement ceremony last Friday on their way to his reception. Photo by PHAN Cary Brady.

Look for Navy News This Week, the Navy's weekly broadcast of Navy news around the world, on Channel 3 (Desert Cable TV) Friday evenings at 6:30 and 10:30 p.m.



**QUESTION**  
I often visit Supply Department warehouses, such as SUP-R-MART Building 01202, where large, clearly-visible NO SMOKING signs are posted. Very often these signs are disregarded by smoking Supply personnel and other NWC employees. Smokers should not mind smoking in specially designated areas. Will you please remind employees that we need to observe this regulation and other Navy regulations to protect government property as well as the lives of employees and visitors? Also, I think that we're conditioned to think about the long-term and more serious risks of smoking such as lung and heart disease or possible fires. But the every day effects need to be taken into account. Paper products, cloth products and such absorb smoke. Computer and other electronic products are believed to be damageable by smoke. Then there are the everyday effects on people: headaches, sinus discomfort or infection, increased days missed by smokers and non-smokers alike due to lower resistance to sickness caused by inhaled smoke. I work in an especially smokey environment. I wish smokers were aware that many non-smokers have allergic reactions to smoke, that they incur extra costs for dry-cleaning clothes or for purchasing cleansing enzymes for contact lenses that are daily exposed to tobacco smoke. Such additional expenses alone can average more than \$20 a month. Why should non-smokers pay with their money and with their health for the ill effects of somebody else's habit?  
**ANSWER**  
I share your concern relative to employees smoking in "NO SMOKING" areas. Besides the fire hazard in warehouses, there are health hazards to smokers, as well as to non-smokers from smoke inhalation. The Government is moving toward establishing more "Clean Air" areas to provide healthier and safer working conditions for all. We must enforce smoking prohibition in areas which have been designated as "NO SMOKING" and when/where common sense would prohibit smoking. I have re-emphasized that "NO SMOKING" means just that, and people who insist on breaking the rules are subject to disciplinary action. Thank you for bringing this to my attention, and have a 'well' day.  
All China Lakers, including military personnel, civilian employees and their dependents, are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. John Burt. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-of-command channels.

**AT3 Coartney earns medal**

AT3 Ken Coartney received the Navy Commendation Medal during a recent NWC awards ceremony at Hangar 3. As a crewman with Helicopter Support Squadron Five aboard USS San Jose, he helped to evaluate and provide assistance to the stricken USS Samuel B. Roberts after she had struck a mine in the Persian Gulf in April 1988. After careful planning of the mission, preparations were made for Knightrider 03 to be launched for the long distance over water flight during the upcoming night, under instrument conditions. USS Samuel Roberts was on fire, flooding and among multiple mines requiring immediate assistance. Helping to evaluate the critical situation and disregarding personal dangers, Petty Officer Coartney aided in the landing of the aircraft on the stricken ship's undersized deck to expedite rescue efforts. Multiple shuttles were then flown throughout the night to the crippled vessel. Petty Officer Coartney showed professionalism, courage, and loyal devotion to duty in the face of hostile action.

**The Skipper Sez...**

**CWO4 Cordoza retires**

Completing 26 years of Naval service, CWO4 Michael A. Cordoza retired in a traditional ceremony complete with a color guard last Friday at the Headquarters Bldg. Circle. Attached to the Explosive Ordnance Disposal (EOD) Detachment for the past three years, Cordoza, his wife, Lisa, and their son, Glenn, are planning to remain in the Ridgecrest area. He has served in the EOD community for the past 22 years. His career started as a Seaman Recruit and included four tours in Vietnam, a Bronze Star, and a Vietnam Cross of Gallantry. "I grew up in the Navy," he said during his ceremony. "It has been a very rewarding career." Special guests at the event included Capt. John Burt, commanding officer, NWC, and Cdr. Tom Bernitt, one of Cordoza's previous commanding officers. During the ceremony, LCdr. Rick Kiser, officer-in-charge, EOD detachment, presented Lisa Cordoza with a certificate of appreciation and a bouquet of flowers. He presented 'Gunner' Cordoza with an American flag and his certificate of retirement.

**Donations needed for NRS**

(Continued from Page 1)  
representatives will be distributing information and accepting donations at a booth at the Armed Forces Day celebration in front of Michelson Lab on Saturday, May 20. "While the fund drive is primarily targeted at the military members, civilian donations are gratefully accepted," said Lt. Lewis. "Military members are encouraged to make their Navy Relief contributions through an allotment process. All NRS department reps have allotment forms. "The Navy Relief has really come to the rescue for many military China Lakers," said Lt. Lewis. "For example, emergency funds have been made available for travel and high medical expenses. The NRS volunteers have consistently evaluated each case to determine if a loan, grant, or other service is needed. The decisions are based solely on need."

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# NWC held up as a model WSA&E members honored

(Continued from Page 2)  
requirements. Comparison of a specific Warfare Mission Area (WMA) architecture performance relative to the TLWR identifies areas where improvements are needed to meet the stated requirements. Options are then developed from an integrated force warfighting perspective to meet required warfighting capabilities and to maintain a balanced warfighting capability. This is in contrast to the historical manner of systems acquisition where individual systems are considered virtually in isolation from other Battle Force elements. Options are then discussed with OPNAV and among the SYSCOMS to develop a force acquisition plan.  
A potential near term benefit of WSA&E is to assist OPNAV in effectively ordering the more than

1700 Tentative Operation Requirements (TORs) received each year. These TORs propose development of a variety of systems ranging from fuze improvements to development of a new submarine. With the WSA&E process as a tool, it will be possible to relate each to its contribution to Force warfighting capability.  
The engineering part of WSA&E is to translate an architecture into engineering specifications as a basis for development. To date, architecture development has matured to the point that the engineering process can now begin.  
WSA&E began as a formal project during FY87. At that time, SPAWAR designated individual Navy Centers as Principal Technical Agents (PTAs) for specific warfare areas. NWC was designated as PTA

for Strike/Anti-Surface Warfare (ASUW) and is supported by other Navy activities. In turn, NWC also supports PTAs for Anti-Air Warfare, Electronic Warfare, Amphibious Warfare, and Navy Special Warfare. The Weapons Planning Group, Code 30, leads the WSA&E effort at NWC and is supported by four other departments.  
The contribution and effort of personnel from these departments was recognized by Capt. Burt and NWC Technical Director Gerry Schiefer in the letter accompanying the award. The recognition letter read, "personnel from across the Center have consistently met difficult deadlines with high quality products that have been well received by SPAWAR. These products, along with NWC management techniques, have been held up as models for the other laboratory teams engaged in WSA&E. Their accomplishments reflect the highest standard of professional effort."



### "A Protestant View of the Bible"

Recently the Bible has been the subject of much controversy. A great deal has been written in non-military publications from all sides. I wish to add a presentation of "the Book" which reaches back to the Protestant Reformation of the 16th Century.  
One of the emphasis of the Protestant Reformation was that the Bible is the Word of God written. The Protestant Reformers such as Martin Luther, Huldreich Zwingli and John Calvin asserted that the Bible is authoritative in the life of the church and individual Christian because God speaks in it. They believed that the Bible has authority because God is its author and not because the church gives it authority. The Reformers believed that the Bible is the only infallible rule for faith and life or practice.

Protestants, who traced their religious lineage to the 16th Century, generally believed the Bible to be the means to knowing Jesus Christ as Lord and Savior. Protestants evaluate preaching, doctrinal teaching and deeds of mercy and justice in terms of their consistency with the Scriptures. The verse quoted above from 2 Timothy ends with these words, "and is useful for teaching, rebuking, correcting and training in righteousness." The Bible is useful for teaching the truth, rebuking errors, correcting faults and training in right living.  
Luther once stated that the church should not do anything the Bible prohibits. Zwingli stated that the church must preach the Bible, the whole Bible and nothing but the Bible. Calvin stated the church need not do anything that the Bible does not specifically require.

Protestants who are part of the various branches of 16th century Protestantism have a high view of the Bible. So do Protestants who traced their spiritual roots to the 17th, 18th and 19th centuries. What was said of the translators of the new International Version of the Bible can also be said of the aforementioned Protestants. "They believe that it (the Bible) contains the divine answer to the deepest needs of humanity, that it sheds unique light on our path in a dark world, and that it sets forth the way to our eternal well-being." (Quoted from the Preface of the NIV).  
By Lt. G.E. Williams, CHC, USNR Airfield Chaplain

### Be Money Wise

"Be Money Wise" with the new self-help budget planner from the Navy Relief Society. The tool can help sailors and marines determine just how many dollars they have and what their real monthly expenses are with the easy-to-use worksheet.  
Some practical hints will help readers take charge and be in control. To obtain "Be Money Wise" and other information on budget management, call or visit the Navy Relief Society at 1811 Lauritsen, NWC ext. 2921. The office is open Mondays, Wednesdays, and Fridays from 11 a.m. to 2 p.m.

Now what do I mean by stating that God is the author of the Bible? I believe the meaning is found in the Bible itself. "All Scripture is God-breathed." (2 Timothy 3:16; NIV). God authored the Bible through His creative breath. God was so involved with the authors in the writing process that He utilized them as His human instruments. Perhaps another verse captures the meaning of God's authorship. "For prophecy never had its origin in the will of man, but men spoke from God as they were carried along by the Holy Spirit." (2 Peter 1:21; NIV).

## BOSS members to 'Step Out' at Eighth Annual Ball May 20

By Peggy Shoaf  
"Steppin' Out with BOSS" sets the theme of the 8th Annual Installation Ball and Scholarship Award sponsored by the Black Original Social Society (BOSS). During the ball, the 1989 Scholarship Award winner will be announced.  
Alita Gilchrist, out-going BOSS president, noted BOSS was established by area residents who sought to increase awareness of Black culture in the Indian Wells Valley and who wanted to contribute to the community through a variety of activities, including job fairs and encouraging academic excellence through the scholarship program.  
"Our main goal this year," said Harold Brooks, incoming vice-president, "is to endow our scholarship fund. If we could increase our fund, we could finance the scholarship through the fund's interest and not the principal. We would then be able to increase our involvement in other areas."  
Norman Alexander, BOSS' incoming president, said a long-term

goal of the organization is to build its own building. "Presently we can't hold as many functions as we would like because we don't have a place to hold them," he said. "With our own building, we could offer more events to the community."  
One of the ways BOSS members plan on making their goals come true is through fund raisers. "One of the biggest fund raising events is our barbeque booth in front of the Administration Building during American Heritage Week," Alexander said.  
BOSS members also plan on sponsoring special events to raise money. "On June 28," said Brooks, "we have arranged for a classical guitarist to perform at NWC. Similar events will be held throughout the year."  
The second way BOSS members could realize their goals is through the Combined Federal Campaign. "We have received generous support in the past," said Alexander. "I hope even more will remember us this year."  
BOSS is very active during Black

History Month. "One of the programs we hold during this time is the Youth Day Program," said Brooks. "Valley youths give talks, read poetry and talk about black history. We also have panel discussions on careers and current events that may affect them."  
BOSS members help sponsor a tutoring program in conjunction with other community organizations and hold briefings on mastering standardized tests such as the ACT and SAT.  
Last year Julius Lewis won the scholarship award. While a student at Burroughs High School, he was a member of the Outstanding High School Students of America. He currently attends Bakersfield Community College.  
This year's black-tie event is set for the Enlisted Mess on May 20. A social hour (no host cocktails) will start at 6:30 p.m., with a 3-meat buffet dinner following at 7 p.m. After dinner the 1989 officers will be installed and the scholarship award (Continued on Page 24)



### Divine Services

Protestant	
Sunday Worship Service, Main Chapel	10:30 a.m.
Sunday School, Annexes 1, 2 & 4	9:00 a.m.
Bible Study (East Wing), Wednesday (September thru June)	11:30 a.m.
Men's Prayer Breakfast, East Wing, Thursday	6:15 a.m.
Officers' Christian Fellowship/Christian Military Fellowship, Annex 4, Thursday	7:00 p.m.
Islamic	
Jumaa Prayer (Friday in Annex 4)	1:00 p.m.
Roman Catholic	
Sunday Mass, Main Chapel	9:00 a.m.
Daily Mass, Small Chapel	11:35 a.m.
Confession (Sunday), Command Chaplain's Office	8:15-8:45 a.m.
Confession By Appointment	Anytime
Religious Education Classes (Sunday) (September thru May), Annexes 1, 2 & 4	10:30 a.m.
Jewish	
Weekly Services (Friday - East Wing)	7:30 p.m.
Adult Hebrew Lessons (Saturday in Annex 4)	9:00-10:00 a.m.
Sabbath School (Saturday in Annex 4)	1:00-4:00 p.m.

Chaplain S. A. Casimano, LCDR, CHC, USN  
Chaplain G. L. Goodman, LT, CHC, USNR  
Chaplain G. E. Williams, LT, CHC, USNR  
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WEST OF INYOKERN - 1 parcel left! 2.5 acres, \$18,700, 20% down. Zoned for mobiles or home. All utilities in, very nice view. \*Help-U-Sell RE\* 371-1005

### 377 Homes for Sale

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### 381 Condos for Sale

DEETER CONDO, 1 story, 2 bedroom, 1 1/2 bath, F.P., enclosed patio, double car garage, pool, \$63,500. 446-6228.

### 385 Mobile Homes For Sale

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### 389 Business Prop. for Sale

1290 E. CALIFORNIA - Six plex for investment! Two 3 bedroom, four units, excellent condition. Reduced to \$258,000. Help-U-Sell R.E. 371-1005

134 LOCUST - Investment property! 4-plex in good location, well maintained & just reduced to \$239,000. Help-U-Sell RE 371-1005.

138 LOCUST - 4-plex at reduced price! Good rental history, nicely cared for property, value priced at just \$229,000. Help-U-Sell RE 371-1005.

212 S. RICHMOND RD - 6000 sq. ft. of office space, zoned general commercial, \$395,000. Owner financing available, terms. \*Help-U-Sell RE\* 371-1005

244 W. WILSON - Assumable 9% FHA, 15 yr. loan, on triplex with strong rental record 2 & 3 BR units, garages, reliable income, \$149,000. \*Help U Sell RE\* 371-1005.

308 W. WILSON - Good condition, good investment! 6 plex, parking, laundry facilities. Good location. \$275,000. Help-U-Sell R.E. 371-1005

714-730 N. SANDERS - well established 31 unit apartment complex. Fully rented with excellent rental history, located in quiet residential area. \$975,000. \*Help-U-Sell RE\* 371-1005

716 N. FLORENCE - Triplex in excellent condition. Newer building, 2 & 3 BR units, 3BR includes fireplace. Very good rental history, located in residential area on cul-de-sac. Assumable 10% loan. \$151,500. \*Help-U-Sell RE\* 371-1005

833-835 N. SANDERS - Great downtown location for a 4-plex, 2BR units and carports. Good monthly income. \$152,500. \*Help-U-Sell RE\* 371-1005

243 WEST ROBERTSON - ASSUME BELOW market rate, 9%, 15 yr. FHA. Fully rented 3 plex, good cash flow, garages, steady income, \$149,000. \*Help U Sell RE\* 371-1005.

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**313 Personals**

BACHELOR, NWC professional with varied interest, would like to meet non-smoking women, 21-35 for friendship and possible romance. Tell me about you. Rock, P. O. Box 6161, Ridgecrest, CA. 93555.

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BURGER KING is now hiring, apply in person 139 N. China Lake Blvd.

CLASSIC PIZZA is now accepting applications for counter person/pizza maker. Apply in person, ask for Darrin 819 N. China Lake Blvd., Ridgecrest.

**333 Help Wanted**

NAVY EXCHANGE is now accepting applications for licensed Dispensing Opticians Aides. Applications will be accepted Monday-Friday, 10 a.m. - 3 p.m. Apply at NWC China Lake Building 18. No phone calls please. Equal Opportunity Employer.

**337 Work Wanted**

WORD PROCESSING - page layout - laser output, SF171, news letter, viewgraphs, etc., Call the Final Copy first 371-1780.

**353 Miscellaneous For Sale**

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MULTI FAMILY Moving Sale, Saturday May 20, 8:00 a.m. - 2:00 p.m. 1410 Ticonderoga Ave (on base). Gas grill, carpeting, toys, childrens clothes, and much more

**373 Lots and Acreage**

6 AC Zone CS, corner location on highway. Frontage near entrance to base. S.E. corner of Richmond Rd. & Hwy 178 - \$61,500 per ac. We'll consider terms. 375-9398 weekdays 9 a.m. - 3 p.m.

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**373 Lots and Acreage**

E. RIDGECREST BLVD & Lumill Street - 3 parcels for sale. All offer owner financing. Terms. Some utilities in. Parcel 1 - 4.376 acres, zoned CS, corner lot, \$155,000. Parcel 2 - 4.736 acres, zoned CA, \$145,000. Parcel 3 - 6.5 acres, zoned RM3, \$125,000. \*Help-U-Sell RE. 371-1005\*

HAZEN STREET - 5 acres north of Inyokern, water close, close to paved road. \$10,000. \*Help-U-Sell RE. 371-1005\*

LELITER ROAD - 20 acres some utilities in, zoned A1, terms available. \*Help U Sell RE. 371-1005.

LUMILL STREET - 4 lots for sale, utilities in, ready to build. All zoned for multiple family residential. All offers owner financing, easy terms. Lot 1 - sq. ft. - 8,064, price \$13,950. Lot 2 - sq. ft. - 12,726, price \$17,950. Lot 3 - sq. ft. - 9,610, price \$11,950. Lot 4 - 5.59 acres, price \$125,000. \*Help-U-Sell RE. 371-1005\*

MERCURY STREET - Two 2.5 acre parcels in Inyokern, 1/4 interest in well, electricity in, phone service near. \$15,500 each. \*Help-U-Sell RE. 371-1005\*

RICHMOND ROAD at Church Street (North side) - 4 parcels for sale. All utilities in, terms and owner financing available on all parcels. Parcels 1, 2 & 3 - each of these parcels is 17,250 sq. ft., each is priced at \$35,000. Parcel 4 - 17,250 corner lot, \$45,000. \*Help-U-Sell RE. 371-1005\*

RICHMOND ROAD at Church Street/southside - 4 parcels for sale. Utilities in, owner financing available on all. Zoned for general commercial. Directly outside back gate of NWC China Lake. Parcel 1 - 84,480 sq. ft., corner lot, \$120,000. Parcel 2 - 102,225 sq. ft., \$120,000. Parcel 3 - 89,317 sq. ft., \$115,000. Parcel 4 - 170,359 sq. ft., \$205,000. \*Help-U-Sell RE. 371-1005\*

RIDGECREST HEIGHTS - R1 zoning, all utilities in, ready to build. Approximate lot size 55' x 120'. \$2,950. \*Help-U-Sell RE. 371-1005

RIPLEYESTATES - curb & gutter & all utilities in. Ready to build, zoned R1. Lot size approx. 89' x 130'. \$21,500. \*Help-U-Sell RE. 371-1005

S. CHINA LAKE BLVD. - 4 acres of prime commercial acreage, zoned general commercial, all utilities in. Located adjacent to the new Naval Weapons Center Credit Union now under construction. \$650,000. \*Help-U-Sell RE. 371-1005\*

SYDNOR AT LEROY - Two 1 acre parcels, water close, each parcel is priced at \$4,500. \*Help-U-Sell RE. 371-1005\*

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**AN HONORABLE VISITOR**—The Honorable Ken Bergquist buckles up for a helicopter tour of the ranges during his recent visit to China Lake. Photo by PHAN Cary Brady.

**Traffic laws are observed on the NWC**

Motorists on board the Naval Weapons Center (NWC) are reminded that China Lake Police Division (CLPD) officers enforce state and NWC traffic regulations. According to Kerry B. Swiggum, traffic manager, CLPD Operations Branch, areas of concentration for radar traffic enforcement for next week are listed below.

- Monday — Inyokern Road.
- Tuesday — Blandy Avenue.
- Wednesday — Knox Road.
- Thursday — Inyokern Road.
- Friday — Blandy Road.

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



**Responsible for Manpower, Reserve Affairs**

# Assistant Secretary visits the Naval Weapons Center

By JOC Carolyn A. Dettling

The Honorable Ken Bergquist, Assistant Secretary of the Navy for Manpower and Reserve Affairs, visited NWC last week. Accompanied by the Center by Col. Manfred Reitsch, USMC, and Capt. Robert Norvell, MSC, USN, he was given an overview of NWC activities and responsibilities by Capt. John Burt prior to a helicopter tour of the North and Echo Ranges.

Following the tour, Bergquist and his party were escorted to the Range Control Center for presentations by Milt Burford, Aerosystems Department head and Cdr. Mike McMahan, USNR, Reserve Support Unit NWC 0176 Special Projects Officer.

Burford explained the Aerosystems Department's mission, with emphasis on the department's recovery systems and Navy test parachuting activities, while Cdr. McMahan discussed the role of NWC's reserve support unit.

Prior to Mr. Bergquist's departure, the group toured the paraloft at Armitage Field.

Mr. Bergquist's previous government experience includes an assignment with the CIA and a stint as legislative counsel to Senator Alan K. Simpson, then minority counsel to the Senate's committee on Veteran's Affairs. He served as the committee's chief counsel and staff director. He went on to positions as Deputy Assistant Secretary of the Army for Reserve Affairs and Mobilization, Deputy Assistant Secretary of the Army for Readiness, Force Management and Training and later became Deputy Assistant Attorney General for Senate Affairs.

He earned a B.A. in political science from Stanford University in 1967 and graduated with honors in 1977 from the University of Texas School of Law.

Immediately following his Stanford graduation, Mr. Bergquist served on active duty as an Army infantry officer for seven years. His decorations include the Silver Star, six Bronze Stars and two Purple Hearts. He currently serves as a lieutenant colonel in the Army Reserve.

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# Sidewinder AIM-9R continues tradition of excellence

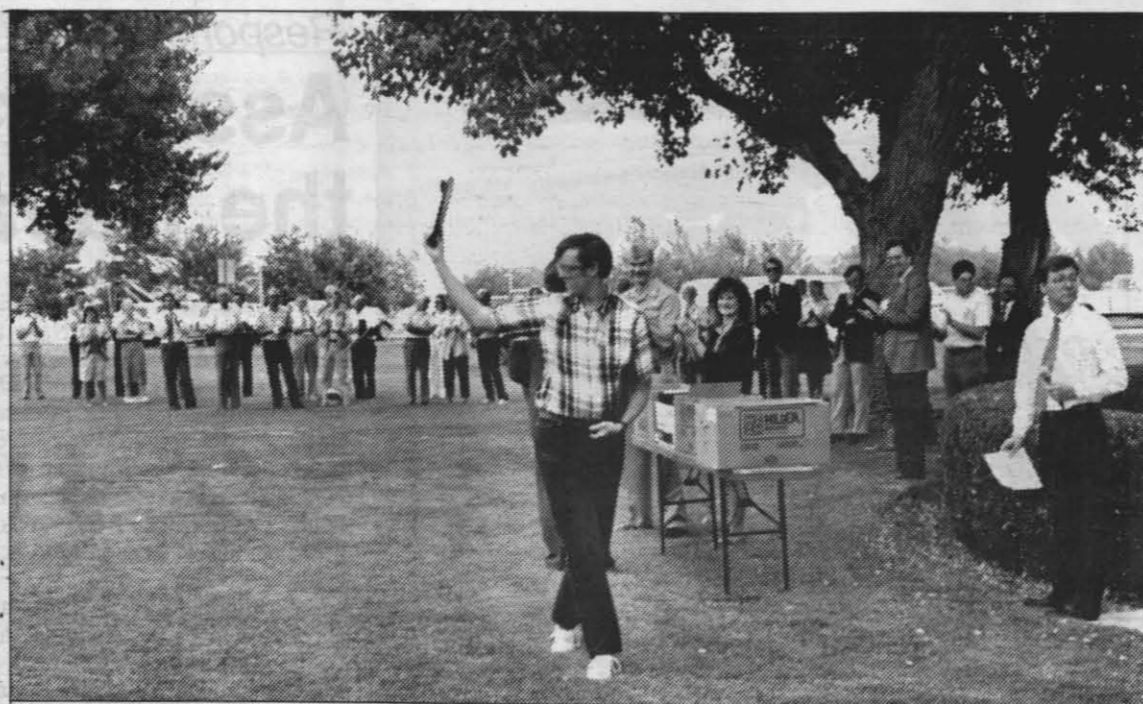
'Sidewinder Tradition' was upheld on Tuesday as over 180 members of the Sidewinder team were recognized for their contributions to the most recent success—the first firing of the AIM-9R on April 19.

Assembled on the lawn in front of the Headquarters Building, the team members listened as Capt. Stewart, NAVAIR project manager, addressed the team's accomplishments.

"You have built a solid foundation for this project," he said. "This ceremony marks your sustained long-term commitment. I'm looking forward to the next time I can commend you for the next achievement."

"The Sidewinder team has developed a tradition of excellence and professionalism; each of you has risen to the increasing challenges associated with this project," he said. "You have made a difference in the abilities of our fleet to meet its objectives."

The loosely gathered crowd received criticism for its weaving lines from former drill sergeant Gerry Schiefer, NWC technical director, but also received glowing accolades for its achievements. "Your work has been superb," he said. "Your work is following a great heritage. You honor the Center, the Research and Development community and the Navy."



**ONE OF MANY CONTRIBUTORS**—A proud recipient displays his Award of Merit for Group Achievement at a ceremony on Tuesday. Over 180 members of the Sidewinder team received the award for their work contributing to the first firing of the AIM-9R on April 19. Photo by PHAN Cary Brady.

# Disabilities overcome by technological advances

By Peggy Shoaf

"With advanced technology," said Judi Farmer, head of NWC's Handicap Program, "persons with severe disabilities are able to accomplish more today, than ever before."

In August, Congress passed the Technology-Related Assistance for Individuals with Disabilities Act. This act helped to increase public and private funding for technology and services which can help disabled individuals (assistive technology).

Computer advances intended for the general consumer have enabled persons with disabilities to become more independent and self-sufficient, increasing work and

study skills. Today's advanced technology is also less expensive than its predecessors.

Any cost that might be associated with the disabled is usually a one-time expense that can sometimes be absorbed by the State Office of Rehabilitation. The Handicap Program manager has a number of resources in exploring ways to accommodate the disabled.

According to Dr. Laurence Skadden of the Electronics Industries Association, the Kurzweil Reading Machine is a good example of today's changing technology. This machine converts print into braille or synthesized speech. In 1976, the

cost of the machine was \$50,000 and it only read 78 words per minute. In 1988, the machine was approximately \$12,000. It now reads 350 words per minute and has decreased in size so it can be used on a desk or handheld. Improvements have also been made with its voice. The machine is able to read carbons, newsprint and blurred photocopies. It is also able to perform complex mathematical functions.

Although assistive technology is expanding, two of the major advances are in voice recognition and optical-character recognition. Robotics is also increasing the independence and self-sufficiency of

disabled people. Just some of the other advances made since the invention of the microchip include switches that enable almost any motion of the body, such as a wink, to activate machines; one-finger programs; magnified programs and devices; macro programs; prediction tables; modification of auto repeat functions; scanning input for switches; and synthesized voices that can read for those with vision impairments or speak for persons who cannot.

Some of the newest products on the market for disabled individuals are: Words+, Easy Talker, Easy

Keys, and the Equalizer.

The PRAB work station, developed by Boeing, shows the future wave of technology for persons with disabilities. The station allows users to have total control over their work environments. The PRAB work station integrates a computer workspace with a robotic arm. The terminal can be turned on by a single switch activating an infrared light beam, and computer programs (which contain many of the functions mentioned above) can be started and manipulated by voice activation. The station features a

(Continued on Page 7)

## Personnel development opportunity

(Continued from Page 18)

The 1,424 pages of these books that apply to them. Specific portions of these books recommended to be read in advance will be identified as you sign up for the course. This course will also identify how to minimize costs and maximize improvement from the changes which must be implemented to ensure that quality, customer service and productivity constantly improves.

This course requires recognition that doing your best is insufficient, defining your customer to be your boss is wrong, and defining quality as designing or working to specification is woefully inadequate. Excellent organizations don't believe in excellence — only in constant improvement, constant change and thriving on chaos. Every organization, every level, every individual must do better this year than last year, and better

next year than this year, etc. — to be able to survive, let alone thrive. This course provides insight and tools for achieving constant improvement.

**Security in Networked Computer Environments (6 hours)**  
June 7, 0800-1400, Digital Equipment Corporation.

Scope: This is an interactive satel-

lite video conference entitled "Viruses, Worms and Trojan Horses: Security in Networked Computer Environments." Cost of the seminar is \$295 per person and includes a workbook. A NAVWPNCEN Form 1556 must be submitted to Code 224 via proper departmental channels.

Note: The seminar will be avail-

able at various DEC Training Centers, including Los Angeles. If there is sufficient local interest, arrangements can be made for a local site license in Ridgecrest. For more information about this seminar, please call Daryl Vaughn at NWC ext. 2359.

Deadline: Call Vaughn to register for this class.

## Employees need additional hours

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

**John Hill, Engineering Data Management Specialist (Code 3654)** — has peptic duodenitis, hiatal hernia, gastroesophageal reflux and hyperperistalsis of the small bowel.  
**James H. Lewis, Model Maker**

(Code 3645) — has been unable to work since July of 1988 due to an infection of the spine followed by spinal fusion.

**Linda K. Dittmeier, Computer Specialist, Code 2771** — has used all her available annual leave caring for her husband during his long-term fight with cancer.

**Joan A. Johnson, Secretary, Code 3592** — needs annual leave to care for her husband who is being treated for cancer.

**Leo Montano, Visual Information Specialist, Supervisor, Code 3441** — is recovering from radical cancer surgery performed in February.

**Sarah Polak, Computer Specialist, Code 35604** — has cancer and is undergoing chemotherapy.

### IS SPIRITUAL HEALING FOR REAL?

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## Promotional opportunities

(Continued from Page 17)

his/her current grade level. There is no promotion potential to DP-4. To apply, send current SF-171 to Bill Boatright, Code 39B, NWC, ext. 3002.

No. 39-041, Interdisciplinary (General/Electronics/Mechanical/Aerospace Engineer/Physicist/Mathematician), DP-801/855/830/861/1310/1520-3/4, Code 3901A. This position is that of project manager for the Artificial Neural Network (ANN) Advanced Technology Demonstration (ATD) Project in 3901A. The goal of the three year OPNAV sponsored ATD project is to develop and demonstrate an analog artificial neural network signal processing computer system which will solve infrared background clutter problems associated with imaging infrared anti-air missile seekers. The technical scope of the project includes theoretical analyses and simulation of artificial neural networks, analysis of the nature of infrared background clutter, development of an ANN processor architecture to reject the clutter, custom integrated circuit design, digital and analog circuit simulations, development of an ANN signal processing laboratory, hardware fabrication system testing and evaluation, and demonstration of the real time processor with a missile seeker. Responsibilities of the ANN ATD Manager include leadership of the project team, OPNAV and NAVAIR sponsor interface, planning and definition of technical goals, milestones and schedules, financial tracking, management of project personnel and tasks, and reporting of progress. This is a career enhancement opportunity, open to both DP-3's and DP-4's. The incumbent will retain his/her current grade level. There is no promotion

potential to DP-4. To apply, send updated SF-171 to Bill Webster, Code 3901A, NWC No. 62-030, Interdisciplinary (General Engineer/Mechanical Engineer/Aerospace Engineer), DP-801/830/861-2/3, Code 6212A. This position is located in the Environmental Engineering Group Code 6212A. The incumbent coordinates environmental test programs, follows up on test progress and status, generates test procedure documents, interfaces with the customers, analyzes the test data and issues final reports. Assists in performing engineering tasks in support of the Center acquisition programs as required, and develops new environmental test techniques. Incumbent should have experience in or be familiar with environmental tests and procedures. Knowledge of environmental recording devices and test measurement equipment is desirable. Incumbent should be able to coordinate a variety of activities, to communicate effectively both orally and in writing and work as a team member in performance of duties. Promotion potential to DP-3 if filled at the DP-2 level. To apply send current SF-171 to Ron Shargots, code 6112, NWC Ext. 7233.

No. 64-022, Electronics Engineer, DP-855-2/3, Code 64211. This position is located in the Instrumentation Section, Instrumentation Design Branch of the Telemetry Division. This section provides the necessary support for the design, fabrication and field support of telemetry systems and related instrumentation as applied to weapons and parachute related recovery systems. Incumbent will have responsibility for design and development of telemetry systems for branch programs. Areas of support will include component testing, system testing, development of test

procedures, integration testing, and captive and live firing test support. Incumbent must have experience with or knowledge of FM/FM and PAM/PCM telemetry systems. Incumbent must be able to communicate effectively with all levels of Center management. Promotion potential to DP-3 if filled at the DP-2 level. To apply send an updated SF-171 to Randy Morris, Code 6421, NWC ext. 3761/3762.

## Open Season for TSP starts

Another Trift Savings Plan (TSP) Open Season starts May 15 and closes on July 31.

Open Season Update Pamphlets have been distributed to all employees. Anyone who has not received a copy of this pamphlet should contact his or her department office.

During the open season, employees have the opportunity to change their current enrollment or make an initial participation election. Election forms processed by July 1 will be effective the first pay period in July, which starts July 2.

Employees wanting to change their current enrollment election or begin participation in the Thrift Savings Plan, should contact their Personnel Management Advisor (PMA) to schedule a time to come into Personnel and complete the election form.

## Instructors required for CSUN classes at NWC

California State University, Northridge (CSUN) is looking for instructors to teach courses offered through the CSUN external degree programs on-Center. The courses expected to be offered during the 1989-1990 academic year are listed below. Anyone having an interest in teaching one or more of these courses, and has at least a master's degree, should forward his/her resume to Cecil Webb, Code 224, by May 26. For more information, call Webb at NWC ext. 2648.

- Fall 1989**
- EE375 — Heat Transfer I
  - EE320N — Theory of Digital Systems (formerly EE355)
  - EE565N — Radar Systems (formerly EE567)
  - EE581N — Non-Linear Control Systems (formerly EE569A)
  - ME501A — Seminar in Engineering Analysis
  - ME590A — Adv. Topics in Fluid

Dynamics-Inviscid Flow

- CE436 — Structures II
- IE504 — Economic Analyses of Engineering Systems

- Spring 1990**
- EE422N — Design of Digital Computers (formerly EE456)
  - EE542N — RF Electronics Design
  - EE574N — Antenna Engineering (formerly EE563A)
  - ME592 — Computational Fluid Dynamics
  - AM521 — Aerostructure II
  - IE 304 — Engineering Economy
  - IE412 — Process Design and Manufacturing Engineering

- Summer 1990**
- EE350N — Linear Systems I (formerly EE360A)
  - EE552N — Digital Signal Processing II (formerly EE568B)
  - ME480 — Fundamentals of Aerospace Engineering



personnel development opportunity

OPM's Regional Training Center has scheduled a briefing on The Ethical Responsibilities of Federal

Managers in response to the need for more discussions of ethics. The briefing will be held on June 2 from 8 to 11:30 a.m. at the NWC Training Center. Col. Kenneth H. Wenker, senior tenure professor and deputy head of the Department of Philosophy and Fine Arts at the United States Air Force Academy, will be the speaker.

Col. Wenker will provide a broad philosophical context for the day-to-day ethics of decision-making in Government. He will cover the following issues: Ethics of action vs. ethics of character; the importance of continuing moral growth in leaders, executives and other decision-makers; autonomy and truth in moral decision-making; and the ethical role of the executive to identify, clarify, promulgate and enforce institutional values.

Federal managers wanting to register for this briefing need to submit an on-Center Training Request form to Code 224 via departmental channels. The deadline for registering for this event is May 26.

**How to Thrive on Chaos**  
June 19, 0800-1600, Training Center. By Roger Kirkham.

Scope: This new, three-day course by Roger L. Kirkham is designed for government managers and executives who've had at least three years experience in managing and supervising. This course is based on the following books which provide prescriptions, tools, methods and approaches for meeting the management revolution which is upon us: *Thriving on Chaos* by Tom Peters, *Out of the Crisis* by W. Edwards Deming, *Quality is Free* by Philip B. Crosby, and *The Deming Route to Quality and Productivity* by William W. Scherkenbach.

There is no one-and-only, sure-fire way to excellence and prosperity being suggested in this course. Rather, this course enables government managers to recognize and separate the vital ideas and tools from (Continued on Page 19)

## Advanced technology assists the disabled

(Continued from Page 6)

telephone management system, programs for spreadsheets and graphics, and allows access to remote data banks and programs at an international level.

The PRAB telephone features automatic dialing, telephone

answering, note taking, message taking and conversation recording. The robotic arm can grasp items from a heavy manual to a single sheet of paper or a floppy disk, as well as food and beverages. The speed of the arm is set by the user. It can also be programmed to perform

fixed sequence acts.

The microchip is also revolutionizing wheelchairs, allowing users to maneuver with stability over hilly, rugged, even snowy terrain.

A Rehabilitation Engineering Center at the National Rehabilitation Hospital in Washington, D.C., tests

and evaluates products. It provides cost and comparison information to individuals with disabilities, clinicians and third-party payers. The center is the first, single-source information center in the nation for disabled consumers.

People interested in knowing more about NWC's Handicap Program, or wanting more information on how to hire a disabled person under the 700-Hour Excepted Appointment Authority, can contact Farmer at NWC ext. 2738.

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**Selected Misses famous maker coordinates.** (Petites available in selected stores.) Sale 33% off.

**Related separates.** Choose from tops, sweaters, pants and skirts. Orig. \$37-.50. Sale 33% off.

**Missy blouses.** Orig. \$24. Sale 33% off.

**Pykettes "Magic Fit" pants featuring "tummy control".** Short and Average lengths in assorted colors. Sizes 8-20. Reg. \$29. Sale 33% off.

**Gilda polyester spun pullover tops with banded bottoms.** Assorted prints in sizes 10-18. Reg. \$18.99 Sale 25% off.\*

**Selected new Spring dresses.** Misses and Petite sizes. Sale 33% off.

**Vanity Fair "Pechglo" panties.** Our only sale on "Pechglo" for the entire year! Reg. to \$6.50. Sale 25% off.\*

**Famous maker sleepwear.** Orig. to \$26. Sale 33% off. **Cotton blend sleep sets.** Includes matching gown and coat ensembles. Orig. to \$38. Sale \$19.97.

**Playtex "Cross Your Heart" bras and "I Can't Believe It's A Girdle" girdles.** Sale 25% off.\*

**Entire stock of Warner's, WOW by Playtex Limited and Fresh Expressions foundations.** Sale 25% off.\*

**Entire stock of women's shoes and slippers.** Sale 25% off.\*

**Empire Orr designer look handbags.** Choose from nine styles. Orig. \$36. Sale 33% off.

**Entire stock of Bohemian glass necklaces and earrings in pierced and clip styles.** Pastel and spectator colors. Values to \$22. Sale 50% off.

**Black velvet jewelry roll including 5 styles of necklaces with matching bracelets and earrings.** Reg. \$25. Sale 33% off.\*

**Toscany's new "Serenade" crystal giftware.** Clear optic with a delicately etched floral pattern. Includes jug, bowl, biscuit barrel, chip 'n dip and vase. Value \$38. Sale \$24.97 each.

**Selected "Mother's Day" gift items.** Sale 50% off.

**"Southern Magnolia" sheet sets by Martex.** Beautiful pastel magnolia pattern against a soft beige ground. Dacron polyester/cotton blend. Value \$40-85. **Specials \$29.99-64.99.**

**"Keepsake" kitchen ensembles by Barth and Dreyfuss.** Choose from dish cloths, pot holders, kitchen towels, appliance covers and bib aprons. Values \$4.50-25.00. **Specials \$3.29-16.99.**

\*Discount taken at register. Intermediate mark-downs have been taken. Some items not available in some stores.

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# Profile illustrates Asian-Pacific Week theme

(Editor's note: This profile is part of the American Heritage series and commemorates Asian-Pacific Week (May 6-13). This year's theme is "Asian-Pacific American—Partnership—Progress.")

When Ming E. Chang's father joined the Navy in 1930, Asians and other minorities were relegated to the galley; they also served and performed other domestic chores for all-white officers and crews. But the winds of time slowly blew away these

vestiges of an earlier era.

Navy Rear Admiral Ming E. Chang is a case in point: As a youngster, he loved walking on the docks in his native Shanghai, watching the ships—especially warships—from different nations. It kindled a burning desire in him to become a sailor like his father.

But fate had a higher station in life in store for him. He succeeded in his quest to enter the Navy after graduating from the College of William and

Mary (Williamsburg, Va.) in 1955 with a degree in physics and was commissioned through the Officer Candidate School program at Newport, R.I.

Chang is now a two-star rear admiral and serves as the Navy's inspector general. To him, one of his most important responsibilities is to protect the rights of all navy personnel and their dependents.

Chang speaks proudly about his accomplishments and those of other

Asian-Pacific Americans since his father's days as a sailor. "This is the first time there have been two Asian-American flag officers in the Navy (the other is Vice Adm. Robert Kihume, commander of Naval Surface Forces, Pacific Fleet)—one Hawaiian and one Chinese American," said Chang, who was 14 when his father returned to China after World War II and brought him and his mother to the United States.

"When I joined the navy, there weren't many Asians—enlisted or officers," said Chang. "And there were only a handful of them attending the military academies. But there are quite a few today. In fact, the military academies are looking very hard to find minorities."

For Asian-Pacific Americans considering joining one of the military services, Chang advised: "First overcome the myths that Asian Americans will be discriminated against. There is no overt prejudice.

"If you don't look for the prejudice, chances are you won't find it," said Chang. "I look at the positive side and will make a positive attack on a person who is a racist. But I don't look at the services as having a problem—it's an individual problem."

He said youngsters should use the military services as a building block to their civilian life ahead or maybe the military as a career. "The military will teach them something that is sometimes lacking in the Asian-

Pacific American communities—leadership and management skills. In addition, you'll learn how to work with people, especially in the Navy, because we live in such close quarters.

With more Asian-Pacific Americans joining the military services, there is more emphasis on Asian-Pacific American heritage Week observance. "I'm just thrilled that we've put more emphasis on that kind of activity in recent years," he said. "It allows us to be proud of our heritage, our ancestry. It shows the rest of the Navy and the general population that we are a very important segment of society. It adds cohesiveness among people of the same culture."

"America is a melting pot," said Chang, "so you find positive things in Asians, Hispanics, blacks and Caucasians."

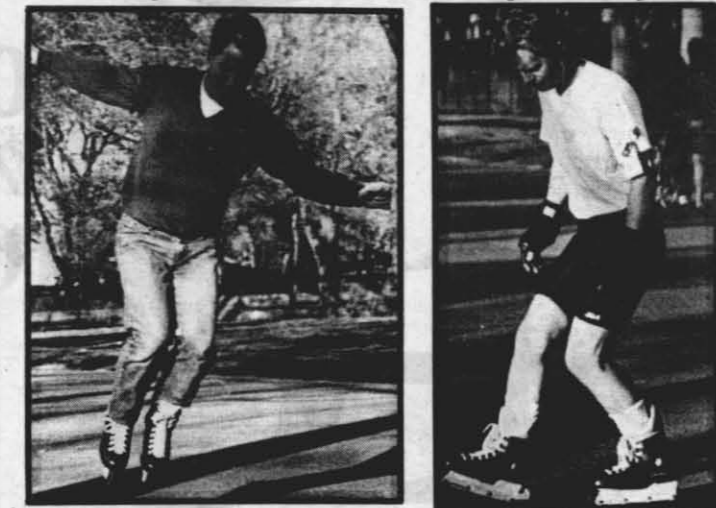
"My sister-in-law, for example, is Connie Chung, and she has come a long way in this country—to being one of the top television newscasters. She is certainly a role model for any Asian American youngster. Her success shows that if you work hard and deliver the goods, you'll be successful."

The American Heritage Committee is finalizing the schedule for American Heritage Week, to be held June 5-9.

By Sgt. Maj. Rudi Williams, USA American Forces Information

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### Secretarial opportunities

This column is used to announce secretary positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grades, administrative functions become predominant. At the higher levels, secretaries apply a considerable knowledge of the organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria indicated below. Applicants will be rated against four or more of the following job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence; (4) ability to compose correspondence and/or prepare non-technical reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

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

### 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 applicants must meet minimum qualification requirements established by the Office of Personnel Management. Information concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Management Advisors (Code 096 or 097). Applications should be filed with the person whose name is listed in the announcement. The Naval Weapons Center is an Equal Opportunity Employer.

No. 32-029 - Interdisciplinary (General/ Mechanical/ Electrical/ Aerospace Engineer/ Physicist), DP-801/830/850/861/1310 -3, Code 32701 - Incumbent will be deputy technical manager for the ASAT Program in the Propulsion Systems Division, Ordnance Systems Department. Responsible for assisting the technical manager in planning and management of the ASAT missile concept formulation including development of a preliminary design, definition of D&V phase critical experiments and subsequent full scale development program. Responsible for coordination between various Navy activities including NSWC, NRL, and NOS/II and liaison with program sponsors. Planning and management of missile system developments and support of sponsor systems acquisition process. To apply, submit a current SF-171 to R. Dillinger, NWC ext. 7278, Code 32701.

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of ten years of progressive experience in analog control circuit design is desired. Familiarity with laser and physical optics theory is desired, as is familiarity with estimation theory. Direct experience in inertial sensor design is desired, but experience in analog communication system design will be considered. Some experience in reducing prototype discrete component designs to integrated circuit designs is desired as well. Willingness and ability to teach less experienced engineers is mandatory. Excellent communication skills are required. To apply, please send an updated SF-171 to Doug Peake, Code 3572, NWC ext. 2826.

No. 39-033, Interdisciplinary (General/ Mechanical/ Electronics/ Aerospace Engineer/Physicist), DP-801/830/855/861/1310-4, Code 39B11 - This position is that of Standard Missile Project Manager located in the Standard Missile Project Office. The

incumbent will report to the Head, Anti-Air Projects, Code 39B. The Standard Missile Project Manager is responsible for all aspects of Standard Missile effort at NAVWPNCEN, including planning, budgeting, contracting, staffing, and project execution. The project manager will place personal emphasis on the tasks of negotiating and representing NAVWPNCEN status, positions, and plans to NAVSEA and to the Standard Missile community outside NAVWPNCEN. The project manager will exercise direction of NAVWPNCEN in-house efforts and contracted efforts primarily via supervision of a deputy project manager and project office staff. To apply, send current SF-171 to Sandy Rogers, Code 3901, NWC ext. 3002. Previous applicants need not reapply.

No. 39-037, Interdisciplinary (General/ Mechanical/ Electronics/ Aerospace Engineer/Physicist), DP-

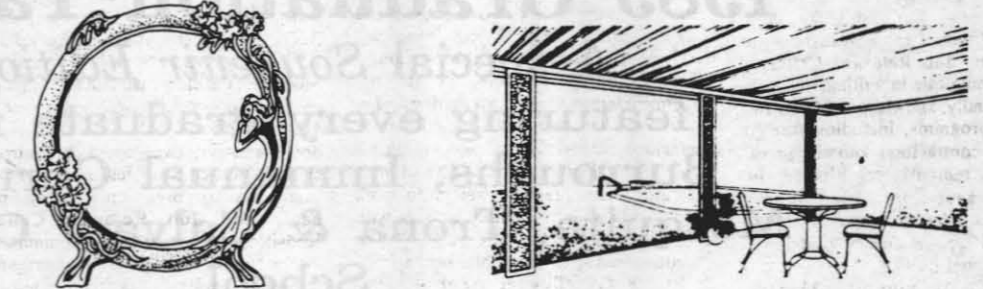
801/830/855/861/1310-3/4, Code 39B8 - This position is that of Sparrow Project Manager located in the Sparrow Project Office. The incumbent will report to the Head, Anti-Air Projects, Code 39B. The Sparrow Project Manager is responsible for all aspects of Sparrow effort at NAVWPNCEN, including planning, budgeting, contracting, staffing, and project execution. The project manager will place personal emphasis on the tasks of negotiating and representing NAVWPNCEN status, positions, and plans to NAVAIR and to the Sparrow community outside NAVWPNCEN. The project manager will exercise direction of NAVWPNCEN in-house efforts and contracted efforts primarily via supervision of a deputy project manager and project office staff. This is a career enhancement opportunity, open to both DP-3's and DP-4's. The selectee will retain (Continued on Page 18)

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# Personnel News & Notes

## Promotional opportunities

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

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

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

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

**No. 24-020, Security Clerk, DG-303-2/3, Code 2433** - This position is located in the Employee and Visitor Badging Branch, Security Division, Safety and Security Department. Incumbent is responsible for assisting in the administration of day to day operations of the Branch. The incumbent will coordinate areas of procurement, maintenance of the facility, personnel actions, staffing and personnel assignments, training and written reports. Incumbent works independently and is responsible for dealing with all levels of personnel both on and off-Center. Assumes the responsibilities of the branch head in his/her absence. **Job Relevant Criteria:** Ability to communicate in writing; ability to communicate orally; knowledge of DOD and DON visitor programs, including foreign nationals and contractors; knowledge of security requirements established in legislation, regulations and policy statements; knowledge of computers; ability to interpret and apply mandated guidelines. Promotion potential DG-3.

**No. 28-034, Accountant, DA-510-1, Code 2861** - This position is located in the General Accounting Branch of the Accounting Division of the Office of the Comptroller. The incumbent will prepare analyses and interpret statements of financial condition and other accounting reports. The incumbent's duties include evaluating and/or revising prescribed accounting systems including accounts, reports, records, devices for controls and related procedures. Researches accounting policies and procedures and conducts evaluation of accounting practices and systems. **Job Relevant Criteria:** Ability to conduct complex financial studies and analyses to solve problems, project trends, provide data, budget resources or document existing conditions; ability to gather, compile and analyze financial data; ability to study, analyze and evaluate financial systems, reports, procedures, regulations, practices and operations; ability to formulate conclusions

and prepare recommendations for new/revised accounting methods and/or implement approved recommendations and new systems; ability to communicate effectively, both orally and in writing; and ability to interface with employees at all levels, both internal and external to the activity. Promotion potential to DA-3, but not guaranteed.

**No. 28-035, Budget Clerk/Assistant, DG-561-1/2/3, Codes 2833 and 2836** - The incumbent will provide fiscal clerical support to the branch or any of the departments it serves. The incumbent assists in preparing overhead budgets, gathers financial and accounting data, monitors expenses on customer order/job order numbers, assists the department in processing travel orders and/or material requisition actions. **Job Relevant Criteria:** Knowledge of accounting or budget clerical procedures; ability to meet deadlines under pressure; ability to work rapidly and accurately; ability to work with figures. Promotion potential to DG-3, but not guaranteed. Status eligibles may apply.

**No. 28-036, Budget Analyst, DA-560-1/2/3, Codes 2833 and 2836** - The incumbent provides resource support services to one of NWC's operating departments. The incumbent is responsible for all phases of budget execution, formulation, control and monitoring of direct, overhead, capital and service center budgets. The incumbent is responsible for conducting financial analysis. **Job Relevant Criteria:** Ability to gather and analyze raw financial data; ability to communicate effectively orally and in writing; ability to deal tactfully and effectively with others. Promotion potential to DP-3, but not guaranteed.

**No. 28-037, Supervisory Management Analyst, DP-343-3, Code 2834** - This position is the Head of the Resource Analysis Branch. The incumbent is responsible to the Head, Budget and Resource Analysis Division for the management and supervision of a team of

analysts who staff a wide range of management and administrative issues for Center management. The incumbent must be an experienced analyst capable of guiding and mentoring both junior and senior level analysts in the conduct of diverse qualitative and quantitative analyses. The incumbent will, on occasion, work on special studies either as a lead analyst or team member. As a manager, the incumbent directs the financial and personnel resources of the Branch and is expected to ensure efficient, expeditious accomplishment of all Branch tasks. **Job Relevant Criteria:** Ability to analyze both qualitatively and quantitatively; knowledge of SPAWAR and NWC organizations and functions, including political climate and organizational interface issues; ability to work effectively with personnel at all levels; ability to communicate effectively both orally and in writing; knowledge of affirmative action principles including a willingness to implement EEO practices. Incumbent may be required to serve a one-year supervisory probationary period. Promotion potential to DP-3.

**No. 31-029, Engineering Data Management Specialist, DS-301-2/3, Code 3105C** - This position is that of the AH-1W Configuration Manager in the A-7E/AH-1 Weapons System Support Activity Office of the Aircraft Weapons Integration Department. The incumbent will develop, maintain, and implement the AH-1 WSSA Configuration Management Plan and Procedures; develop and implement a data collections system for Software Cost Analysis/Accounting/Estimating and Software Reliability Modeling; develop, maintain and implement required Configuration Management and Data Management tools; and establish documentation baselines and control all changes to such baselines, using techniques that may involve on-line computer equipment. **Job Relevant Criteria:** Knowledge of computer programming; skill in the use of configuration management techniques; ability to communicate orally; and ability to analyze data. Promotion potential to DS-3, but not guaranteed. Status eligibles may apply.

**No. 31-030, Computer Specialist, DS-334-2/3, Code 3105C** - This position is that of the AH-1W Configuration Manager in the A-7E/AH-1 Weapons System Support Activity Office of the Aircraft Weapons Integration Department. The incumbent will develop, maintain, and implement the AH-1 WSSA Configuration Management Plan and Procedures; develop and implement a data collections system for Software Cost Analysis/Accounting/Estimating and Software Reliability Modeling; develop, maintain and implement required Configuration Management and Data Management tools; and establish documentation baselines and control all changes to such baselines, using techniques that may involve on-line computer equipment. **Job Relevant Criteria:** Knowledge of computer programming; skill in the use of configuration management techniques; ability to communicate orally; and ability to analyze data. Promotion potential to DS-3, but not guaranteed. Status eligibles may apply.

**No. 31-031, Electronics Technician, DT-856-2/3, Code 3145** - This position is the Lead Technician for A-7/AH-1 aircraft instrumentation systems. This position is located in the A-7/AH-1/F/A-18 Test and Instrumentation Branch in the System Integration and Evaluation Division. The branch is responsible for: (1) development and coordination of requirements for test and evaluation of aircraft avionics/weapons systems including definition of test requirements, preparation of test plans and procedures, and test coordination; (2) development, use and support of aircraft instrumentation systems; (3) support of installation, checkout and grooming of avionics; (4) system maintenance support; and (5) laboratory ground and flight test support. **Job**

**Relevant Criteria:** Knowledge of A-7 avionics; knowledge of instrumentation systems including airborne telemetry; knowledge of the AH-1 aircraft; knowledge of flight test procedures and processes; knowledge of Navy aircraft maintenance support functions; and ability to deal with all levels of technical management. Promotion potential to DT-3, but not guaranteed. Status Eligibles may apply.

**No. 35-039, Supervisory Interdisciplinary, DP-801/830/855/861/1310/1515-3, Code 3518** - This position is that of Head, Advanced Systems Analysis Branch. The incumbent will report to Head, Weapons Systems Analysis Division, Code 351. The branch is responsible for establishing the performance characteristics of existing and proposed air-to-surface missiles. The branch develops specifications, simulations, and missile flight characteristics. The branch creates and maintains digital and hardware-in-the-loop simulations to develop missile specification requirements and capabilities. **Job Relevant Criteria:** Knowledge of air-to-surface missile systems; Knowledge of affirmative action principles including a willingness to implement EEO practices; Ability to influence and motivate others; Ability to communicate in writing; and ability to perform as a first-line supervisor. Incumbent may have to serve a one year probationary period. Promotion potential to DP-4, but not guaranteed.

**No. 39-043, Administrative Officer, DA-341-1/2/3, Code 39B6** - This position functions as the Business Manager for the NAAWS Project Office. The incumbent is responsible for managing administrative functions for the office, including financial planning and tracking, service contract preparation and monitoring, security, space, personnel, and other administrative areas. **Job Relevant Criteria:** knowledge of NAVWPNCEN financial systems; ability to communicate orally; ability to communicate in writing; ability to collect, analyze, and present data. Promotion potential DA-3.

**No. 39-042, Program Manager, DP-340-3, Code 39B8** - This position is that of Sparrow Project Manager located in the Sparrow Project Office. The incumbent will report to the Head, Anti-Air Projects, Code 39B. The Sparrow Project Manager is responsible for all aspects of Sparrow effort at NAVWPNCEN, including planning, budgeting, contracting, staffing, and project execution. The project manager will place personal emphasis on the tasks of negotiating and representing NAVWPNCEN status, positions, and plans to NAVAIR and to the Sparrow community outside NAVWPNCEN. The project manager will exercise direction of NAVWPNCEN in-house efforts and contracted efforts primarily via supervision of a deputy project manager and project office staff. **Job Relevant Criteria:** Knowledge of NAVWPNCEN planning, budgeting and contracting requirements; ability to work with higher level management. Promotion potential to DP-3.

**No. 61-013, Physical Science Technician, DT-1311-2/3, Code 6105** - This position is that of Hazardous Waste Coordinator for the Armitage Airfield Complex and is located within the Aviation Safety Office. The incumbent reports to the Aviation Safety Officer, Code 6105. Incumbent is responsible for the identification, receipt, storage and proper disposal of hazardous waste products and formulation of a hazardous waste management plan for the airfield complex. Some experience in dealing with a maintenance aviation activity is desirable but not mandatory; a working knowledge of existing Federal, State and DON hazardous waste instruction/regulations is desirable but not mandatory. **Job Relevant Criteria:** Ability to provide overall direction, management and coordination of a hazardous waste management program; ability to interpret complex instructions dealing with hazardous waste; ability to communicate

effectively both orally and in writing with all levels of management, military and civilian, both on and off center. Promotion potential to DP-3, but not guaranteed.

**No. 61-014, Warehouse Worker, WG-6907-5, Code 614** - This position is located in the Aircraft Department, Ordnance Division. The incumbent will perform duties involving the receiving, shipping, storing, issuing and transporting of ammunition/explosives and components. Incumbent should be able to operate trucks and special vehicles. **Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; skill in the use of material handling equipment and techniques; ability to interpret instructions, documents, etc.; knowledge of ordnance and explosives; dexterity and safety including skill in detecting potential ordnance hazards. **Warehouse worker supplemental must be submitted with an updated SF-171. Supplemental forms are available in Room 100 of the Personnel Building.**

**No. 61-015, Electronics Technician, DT-856-2/3, Code 61311** - This position is located in the Target Control Section, Tracking and Control Branch, Engineering Support Division, Aircraft Department. The incumbent will assist and/or provide maintenance and repair to support the ITCS drone ground control equipment. Receive OJT to acquire knowledge of operations and control of drone aircraft. Incumbent may be required to work outdoors during bad weather. Radar experience is desirable but not mandatory. **Job Relevant Criteria:** Skill in using electronic test equipment; ability to maintain, calibrate, and troubleshoot electronic equipment; ability to design and fabricate one-of-a-kind electronics hardware; ability to work independently and as a member of a team. Promotion potential to DT-3.

**No. 62-029, Engineering Technician, DT-802-1, Code 62121** - This position is located in the Nondestructive Evaluation Section of the Environmental Engineering and Evaluation Branch. The incumbent will work as a team member under supervision and guidance of senior technicians to perform a variety of tasks in nondestructive inspections in accordance with established techniques and methods, including but not limited to radiography leak detection, moments of inertia and precise measurements. Position involves assisting in the preparation of high hazard ordnance and related test specimens. Position requires occasional lifting of items up to 25 pounds. **Job Relevant Criteria:** Knowledge of hand tools; knowledge of measurement devices; ability to communicate effectively both orally and in writing; ability to work both independently and as a member of a team. Promotion potential to DT-3.

**No. 62-031, Engineering Technician, DT-802-1/2/3, Code 62122** - This position is located in the Environmental Test Section. The incumbent assists in instrumentation setup, conducts environmental testing of various ordnance items and weapons. Testing includes vibration, shock, temperature, and temperature-humidity. Performs post-test inspection, records and analyzes test data and assists in test fixture fabrication. **Job Relevant Criteria:** Knowledge of ordnance environmental testing; knowledge of ordnance safety and operating procedure for testing ordnance devices; ability to maintain environmental test equipment; ability to communicate effectively both orally and in writing; ability to function effectively as a member of a team. Promotion potential to DT-3.

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# MWR announces new schedule Fees change June 1

By Peggy Shoaf  
"We want to continue to give the military and civilian personnel at NWC the best services for the lowest possible prices," said Jim Bowen, head, Morale, Welfare & Recreation (MWR) Division. "Unfortunately, Congressional ceilings have been imposed on the amount of appropriated dollars that may be spent by MWR, causing higher user fees for some activities."

According to Bowen, MWR aims to make as many of their activities self-supporting as possible. "If the Children's Centers, Youth programs, pool and Craftech activities could become more self-sufficient, future budget cuts wouldn't hurt us like they can now," he said.

Price increases, which go into effect June 1, will affect fees for the Children's Centers, swimming passes at the Enlisted and Officers' pools and programs offered by Craftech and the Youth Center.

Day care rates for E1 to E4 active duty military personnel remain unaffected. Other active duty military

personnel (E5 and above) and DOD civilians will see an increase in day care prices.

"The highest day care price is for an infant of a DOD employee at \$69.50 per week," said Camie Fielder, head of the Children's Centers. "Take that price and divide it by 40 (the average number of child care hours per week). That is only \$1.74 per hour for professional care, educational and supervised activities, food (including juices) and diapers. Considering the services provided by our accredited day care, the price is still low."

Because the Chief Petty Officers' Pool won't be opened this year, Command has authorized chiefs the option of using either the Officers' or Enlisted pools.

Pool fees (Enlisted and Officers') are slightly higher than in 1988. According to Bowen, the biggest difference will be the elimination of family passes. "Even without family passes, Bowen said, "our prices are lower than the prices charged in the local community."

Bowen further noted, "We need to make pool activities self-sufficient to prevent further closures down the road."

Bowen noted MWR hopes to open both pools on May 20 (assuming Public Works pre-opening maintenance is accomplished as planned). Swimming pool passes will be good through Labor Day Weekend.

In order to continue with its many services, Craftech's fees will also increase. Woodshop and storage fees will increase slightly for both military and DOD personnel.

Firing fees will be based on the regulation firing chart.

While minor hand tools issued for shop use will still be free, there will be charges for special tools. Military personnel using the leathercraft set, orbital sander, vibrator sander, belt sander, skill saw, sabre saw and electric drill will pay \$1 per hour and DOD civilians will pay \$2 an hour. Fees are charged to help pay for maintenance and/or replacement of used tools, as well as the electricity they use.

Craft class fees will rise to \$15 per military, \$17 per DOD civilian and \$21 for others.

Stable fees will be \$20 per month for active duty military personnel. To maximize usage of the stable,

New fees for MWR activities			
Children's Center (Weekly Prices)			
	E1-4	E5-Up	DOD
Infant	\$46.00	\$55.00	\$69.50
2nd child	\$34.50	\$41.25	\$62.55
Toddlers	\$42.95	\$50.00	\$63.00
2nd child	\$32.25	\$37.50	\$56.70
Pre-School	\$36.80	\$42.00	\$52.00
2nd child	\$27.75	\$31.50	\$46.80
Kindergarten	\$23.50	\$35.00	\$43.00
2nd child	\$17.75	\$26.25	\$48.70
Enlisted Pool			
Passes	Adult	Youth (6-17 years)	
E1-E6	\$20.00	\$15.00	
E7-E9	\$25.00	\$20.00	
DOD, GS8 & Below	\$30.00	\$25.00	
Daily Fees			
	Military	Others	
Adult	\$1.00	\$1.50	
Youth (6-17 years)	\$.50	\$1.00	
Youth under 6 years of age are free when accompanied by paying adult.			
Eligibility: Enlisted, chiefs, DOD (GS8, equivalent & below) and their dependents.			
Officers' Pool			
Passes	Adult	Youth (6-17 years)	Daily Fees
	Military	Others	
Adult	\$30.00	\$45.00	
Youth (6-17 years)	\$20.00	\$35.00	
Adult	Military	Others	
Youth (6-17 years)	\$1.50	\$2.00	
Youth (6-17 years)	\$1.00	\$1.50	
Youth under 6 years of age are free when accompanied by paying adult.			
Eligibility: Officers, chiefs, DOD (GS9, equivalent & JPs) and their dependents.			

Bowen noted usage eligibility will increase to include DOD civilians living on Center and retired military personnel who live in the area. DOD civilians and retired military will pay \$30 per stall per month. In addition,

a cleaning deposit of \$10 per stall and a late fee of \$10 per stall per month shall be charged to all users. "Youth program fees are being raised to mainly cover the cost of the materials," noted Bowen. "We discovered that often the supplies provided cost more than the program fee, leaving us in the red. That just isn't a logical way to become more self-sufficient."

Brochures announcing MWR summer youth activities and their fees will be available on May 24.

MWR activities throughout the military are being affected by budget constraints. Numerous clubs are closing and programs are being eliminated or reduced substantially. "We want to continue serving the needs of our military and DOD civilians," said Bowen. "To do this we must cut losses wherever we can and try to make our programs as self-sufficient as possible."

"I would like to thank our patrons for their continued support and assure them that the MWR staff is doing all it can to offset the reduction of appropriated funds and to continue giving patrons services at the lowest possible price," he concluded.



Senior Enlisted Academy: Tough on E-8s  
Inauguration: with Navy behind scenes  
Other people's kids: Navy day care  
MS "A" school: What's cooking?  
Look for the May issue of All Hands - it's your magazine.

# Over 104 people participated in the Inyokern 10-Mile Run

Over 104 people participated in the Inyokern 10-mile race held Sunday. According to Scotty Broyles, meet director, the turnout was slightly less than last year's, especially in the younger age groups for women. Warm, light winds created a pleasant day for the run.

Tom Brown was the first to cross the finish line with a time of 56:42. He narrowly edged out Bill Wilson who had a 56:49 finishing time. The third place overall finisher was Joe Oliver, who had a time of 59:43.

David Wasserman took first place in the Men's 14-Under Division with a time of 79:29. Sam Miles took second with a 2:02:58 finishing time.

With a time of 60:35, Cory Sundeen came in first in the Men's 15-19 Division and Shannon Anderson came in second with a time of 69:57. The Men's 20-29 Division was won by Brown, and Chris Gibbs came in second with a time of 64:33.

Phil Martin and Andy Mitchell were winners in the Men's 30-39 Division with respective times of 65:18 and 69:32.

Wilson took the Men's 40-44 Division and was closely followed by Tom Rindt with a time of 59:47.

The Men's 45-49 Division was won by Oliver, beating out Bob Hudson, who had a time of 62:30.

With times of 71:16 and 72:34, respectively, Mel Miles earned first place and Alexis Shlanta took second in the Men's 50-59 Division.

Broyles ran to a first place finish in

the Men's 60 and Over Division with a time of 74:21 and Bill Norris won second place with a time of 78:23. Frank Morales, a 78-year old Ridgecrest runner, announced this race would be his last race over 5 kilometers.

There were no competitors in the Women's 14 and Under and 15-19 divisions.

Janna Kong, with a time of 80:44, and Lois Johnson, with a time of 2:02:22 took first and second place (respectively) in the Women's 20-29 Division.

Mary Moore, the first woman to

cross the finish line, placed first in the Women's 30-39 Division with a time of 67:28. She was closely followed by Kathy Rindt, who had a time of 67:59.

The Women's 40-49 Division was won by Jerry Mumford with a time of 71:54 and Suzanne Haney with a time of 74:35.

Carol Burge and Bev Wood were top runners in the Women's 50-59 Division with respective times of 93:32 and 2:07:58.

Oranges were supplied to the contestants by Albertson's Grocery Store and runner numbers were provided by High Desert Home Center.

# Home Fitness Equipment Expo is being held today at EM Club

Today, the Morale, Welfare & Recreation Division's Sports Branch and the Naval Weapons Center's Wellness Program will host a "Home Fitness Equipment Expo" at the Enlisted Mess. State-of-the-art home exercise equipment will be shown from 10 a.m. to 4:30 p.m. in the

ballroom. People knowledgeable about home exercise equipment will be on hand to answer questions and to help plan individualized home gyms.

For more information, call NWC ext. 6542.

# Camp Pendleton military base will host deer hunt

San Diego County's Camp Pendleton military base will host an either sex deer hunt this year. In 1988, only antlerless deer could be taken.

A special hunt (S-10) will also be held. Four hundred permits for mili-

tary personnel will allow holders the option of antlered or nonantlered deer.

For more information on the hunt and how to register for the draw, call 1-725-3360.

# Sporting news

## Tule elk hunts planned nearby

News for California elk hunters this year is that the 1988 tule elk hunts stopped by a court order last year are offered again this year.

In terms of area boundaries, season dates and duration, and bag and possession limits, conditions pertaining to tule elk hunts in California for 1989 are identical to those of a year ago.

Of the three tule elk hunts available, two have slightly modified

hunter quotas. The Bishop Tule Elk Hunt will offer a total of 40 permits; the Lone Pine Tule Elk Hunt has a total of 40 permits; and the Cache Creek Tule Elk Hunt offers 15 permits.

Non-refundable applications cost \$5 and if chosen from a public draw, hunters must purchase a \$180.75 permit. California elk hunts are offered only to residents having a valid 1989-90 California hunting license.

## First free fishing day June 10

"Free Fishing Days" will be held in California on June 10 and September 23. These free fishing days offer opportunities for the public to fish all public waterways in the state without purchasing a fishing license.

Like last year, the first free fishing day in 1989 coincides with National Fishing Week and the second day is part of National Hunting and Fishing

Week activities to be proclaimed by the president.

Other than not having to possess a current California fishing license on free fishing days, all state sport fishing regulations regarding various aspects of equipment, seasons, size and bag limits, fishing hours, stream closures and other restrictions apply.

## Class offered by local flyfishers

Starting Tuesday, May 16, the Aguabonita Flyfishers are offering their spring fly fishing class.

This class provides the basics in fly fishing techniques, covering all aspects of the sport. The class will be held at Grace Lutheran Church at the corner of Norma and Las Flores, starting at 7 p.m.

The first session will cover the

details of the class structure, providing participants with the opportunity to decide if they are interested in continuing.

All necessary equipment will be provided by the club.

The class is open to all interested individuals. For additional information, call 375-5810.

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**AX CASE SEMINAR**

On **MAY 16th**, Hewlett Packard will offer a half-day seminar on the software development life cycle for embedded micro-processor design.

The seminar focuses on how technical managers must continually adapt to changes while maintaining quality, meeting schedules, and conforming to specifications.

A color demonstration of HP 64000 tool chain on HP9000 series 300 computers is included.

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## Gym users reminded of hours, locations

Patrons are reminded of the new locations of gym activities while the gym is under renovation.

The weight room, camping gear rental and the Sports Branch staff are now located in the gym annex, located behind the Morale, Welfare & Recreation offices. Hours are from 5:30 a.m. to 9:30 p.m. Monday through Friday, 8 a.m. to 6:30 p.m. on Saturday and 12 noon to 6 p.m. on Sunday.

Basketball and volleyball activities will be held at the Youth Center. Basketball play will be Monday and Friday from 11 a.m. to 1 p.m.; Monday, Wednesday and Friday from 6:30 to 8 p.m.; and Sunday from 12

noon to 2:30 p.m. Volleyball action will be from 8 to 9:30 p.m. Monday, Wednesday and Friday.

Karate and aerobics, normally held in the gym annex, have been moved to Building 95, a Quonset hut located by the Training Center's parking lot. Aerobics are held Monday, Wednesday, Thursday and Friday from 5 to 6 p.m. and during the lunch hour on Monday, Wednesday and Friday. Karate classes are held from 5:30 to 7:30 on Tuesdays, 6 to 7 p.m. on Thursdays and from 10 a.m. to 12 noon on Saturdays.

For more information about the new locations or hours, please call the Sports Division staff at NWC ext. 6542.



**GENEROUS VOLUNTEERS**—Mike Slobodnik (far right) had lots of help moving the equipment from the weight room to the gym annex last week. The volunteers were (from left to right) FCCM John Capazzi, MS2 Johnathan Rowcliff, AZAN Kevin Carleton, AMH3 John Friel, BU1 David Bowsby, AQ2 Chet Knopsnider and AMH2 Bob Bruce. All but Knopsnider, who is a worker from the golf course, are members of the Auxiliary Security Force. Photo by PHAN Cary Brady

## Rodeo profitable for riders

Over \$600 worth of prizes were awarded to contestants of Air Test & Evaluation Squadron Five's (VX-5) first motorcycle rodeo. Depending upon the motorcycle the contestants rode, they were separated into a lightweight, middleweight, or heavyweight division.

Manuel Duarte took top honors in the lightweight division and Kirk Conquest and Terry Wilkins earned second and third place trophies.

The middleweight division was won by BT2 "Pops" Laisure, the event's coordinator. Harold Owens and Mark Harvey placed second and third in the event.

Bruce Dallas rode to victory in the heavyweight division. Second place

was taken by David Reynolds and Danial Avila took third place.

Ray Page, Al Spaeth and Leon Biesadecki, judges for the event, evaluated each contestant's performance and tallied the final scores.

Kawasaki-Suzuki of Ridgecrest displayed its full line of motorcycles at the event and Patsy Berg sold hot dogs and drinks to benefit the Welfare & Rec Committee. A California Highway Patrolman was also on the scene to answer questions and to pass out safety information.

Proceeds of the event were to benefit the Navy Relief Society. "Due to the number of contestants," said Laisure, "we didn't make much for the Navy Relief Society; but we did dis-

cover ways to improve the event next year."

Businesses donating to the event were Dan's Auto Part, Graziano's Pizza Restaurant, Ridgecrest Motor Sports, JME Racing, High Desert Home Center, Domino's on Inyokem Road, Junk Food Junction, Little Vinnie's, Root Cellar, Warehouse, Submarina, Sports Oasis, Desert Sport Center, Inc., Kawasaki-Suzuki of Ridgecrest, Classic Pizza, Todd's Outdoor Supply, Big Guy's Tux/Big Guy's Fashions, Desert Auto Parts, NAPA, Pappy Jacks and Big A Auto Parts.

"I think this year's event was moderately successful," said Laisure. "Next year's event will be even better."

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## Scores given for youth play

Due to limited space in the paper this week, only the scores for last week's soccer games will be printed.

- Division I
- Apollos 0, Sounders 0
  - Express 2, Cougars 1
  - Eagles 4, Owls 1
  - Cobras 1, Coyotes 0
- Division II
- Diplomats 5, Earthquakes 0
  - Roughnecks 0, Jets 0
  - Rockets 3, Strikers 0
  - Bullets 4, Whitecaps 0
- Division III
- Lancers 1, Stings 0
  - Soccers 5, Mustang 1
  - Goal Busters 6, Furies 1
- Division IV
- Aztecs 7, Hornets 1

## Quality Circle solves another problem...

(Continued from Page 1)

Sycon. "The main reason," noted Hinner, "we went with this software and hardware package is because not only did it suit our needs, very little training is necessary. Only eight hours of training is required for someone with no previous computer experience."

Once more the Steering Committee agreed with the findings of the Quality Circle.

The system will include an IBM compatible PC; data base software; a bar code reader; and a small printer, allowing the code to make its own bar codes. "The system should be on-line in January," noted Hinkley.

According to Hinkley and Hinner, the new system will pay for itself within the first six months after

it's on-line. "Not only will we save the man hours spent looking for the proper tooling," said Hinkley, "but we will save man hours spent finding alternative ways to get the job done if the tooling can't be found."

The Quality Circle facilitator added, "We want to do the job with the right tooling. Being able to locate the necessary equipment to do a job correctly will relieve a lot of frustration and improve the morale of the entire shop."

"The members of the Quality Circle deserve a lot of credit," said Hinkley. "They took a difficult problem and came up with a workable solution. Because of the members' hard work and thought to detail, management supports the code's Quality Circles all the way."



**ANOTHER WINNER**—Members of the Engineering and Production Processes Division's Quality Circle lived up to their name, Solutions Unlimited, when they discovered a way to keep better track of their tooling inventory. Members of the group are (left to right) Carl Hinner, Bob Martin, Ced Shermer, Floyd Shoaf, Greg Tamcke and Satik Martinsen. Not shown is Victor Lee. Photo by PHAN Cary Brady

## Exercise benefits members of NWC's EOD detachment

By JOC Carolyn Dettling

Members of the Center's Explosive Ordnance Disposal detachment recently participated in a security exercise conducted at several San Diego Naval bases.

According to EOD's Lt. David Thomas, the exercise was extremely valuable to him as well as the men who accompanied him.

"The exercise was designed to assess security procedures intended to deal with possible terrorist actions," noted Thomas, who carried out his part of the event at San Diego's Anti-Submarine Warfare Base. "Activities included penetration of base perimeters, disruption of base movements, mock attacks against ship and shore units, hostage situations and sabotage carried out by a specially trained security coordination team."

The exercise, not related to any specific real world events, is a standard training activity held periodically at Naval installations throughout

the world. Called "Kennel Lance Delta Two One," it lasted 11 days and was "challenging because the scenarios were planned and executed by outsiders," said Thomas, whose team was kept busy disarming simulated explosive devices.

China Lakers HTCM Thomas Knapp, HTC Brian Ades and BT1 Rodney Snodgrass made up the rest of the Center contingent involved in the exercise.

"We were forced into a reactive mode, and the pressures were real because we never knew what was going to happen next or when it would happen," continued Thomas. "Working directly with base security forces, the fire department, and other organizations also added realism and allowed us to estimate the capabilities of our communications system."

"The operation was a very rewarding experience for all four of us," Thomas concluded. "We feel our professional abilities have been broadened by the education we received."

\*\*\*\*\*Happy Military Spouse Day\*\*\*\*\*

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# Reep flies 10,000 pilot hours; has 38 years flying experience



Mr. Harlan Reep, Head of the Targets Operations Branch, Aircraft Department, attained his goal of 10,000 pilot hours (military and civilian combined) on Monday. Mr. Reep is one of five civilian pilots that are presently at NWC.

Reep has been flying since he joined the Navy in 1950. He served in the Navy for 24 years and during that time piloted many types of aircraft including the F-6, F-9, and A-4. He flew in both the Korean and Vietnam wars.

Reep doesn't want to take all the credit for his 10,000 hours. He stated, "I couldn't have gotten even one of those hours without the support of the maintenance people. They worked on the icy flight decks in Korea and on the hot, humid decks in Vietnam. It is those people behind it all that make it happen. They cannot be overlooked."

Reep is one out of two Drone Controllers at the Range Control Center. "Flying a drone is made difficult because a pilot uses the plane's sounds and vibrations as clues; these are absent in the simulator," he said. "Landing a drone is more difficult than take-off; both skills require much concentration and practice."

When Reep came here in 1973, he didn't plan on staying. Since that time, he has come to enjoy the work and the people he has been associated with. Reep and his wife, Mary, have a son, Wayne, a lawyer in the San Fernando Valley.

AN EXCITING MOMENT-Harlan Reep, right, is sprayed with water by a co-worker in celebration of reaching 10,000 pilot hours. Reep is one of five civilian pilots at NWC.

Photo by PHAN Cary Brady.



KEEP UP THE GOOD WORK-Capt. Vanderpoel, left, congratulates the VX-5 Vampires on their impressive safety record after finishing 30,000 hours of mishap-free flying. To achieve this milestone, the Vampires dedicate themselves to sound maintenance procedures. Photo by PHAN Cary Brady.

# 30,000 hour goal reached by VX-5 Vampires Monday

By Diana L. Dusek  
VX-5's commitment to safety has produced 30,000 hours of mishap-free flying time. The landing of an E/A-6B Prowler on Monday marked an impressive 5.5 years of safe flying for the Vampires. This event was a major milestone for VX-5, according to Capt.

Vanderpoel, Commanding Officer, Air Test & Evaluation Squadron Five. He was there to greet the air crew when they landed.

According to Capt. Vanderpoel, the overall aircraft mishap rate for the Navy this year is less than 2 mishaps/100,000 flying hours. "This is probably the best record ever," he said. This statistic includes military patrol-type aircraft, which have a low mishap rate because of their different mission.

Vanderpoel stated, "For a squadron of tactical aircraft such as VX-5, 15,000 mishap-free hours is considered good. Our 30,000 hours that we have just attained is outstanding. It takes two things for safe flight: solid aviators and good maintenance."

Lt. Joe Rzeszotko, VX-5 Vampire, stated, "VX-5's current mission is air test and evaluation of over 100 CNO projects ranging from, but not limited to, evaluating new computer software, testing next generation weapons, and developing highly concentrated night vision goggle tactics. To accomplish this mission, the Vampires fly over 12 different models of Navy and Marine Corps attack aircraft."

The three aviators who flew the 30,000th hour were Lt. Billy Martin, Capt. Joe Dauplaise, USMC, and Lt. Ken Enriquez. They, along with a group of other Vampires, listened to Capt. Vanderpoel say a few words after the craft had landed. He reminded the group that, "It takes all of you

to get something like this going. You all are a part of it and it doesn't happen often. I appreciate your efforts. This event will generate a favorable impression for VX-5, but more importantly, it will show our safe flying record. Keep up the good work!"

The VX-5 Vampires have a history of sound maintenance and good safety records. The squadron earned the 1987 CNO Annual Safety Award, the 1987 and 1988 LATWINGPAC Annual FOD Awards, and several LATWINGPAC Quarterly Safety Awards.

## Military offered realtor services

Washington (NNS) — Sailors can get a financial break on realtor services when they are transferred.

A new Navy initiative provides mortgage and relocation assistance to Navy members at no cost to the government. The program was developed in cooperation with local and national realtors to establish programs to cut costs for transferring personnel.

The initiative allows realtors to send brochures with information on their programs to Navy Housing Referral Offices. Then, depending on the realtor, service members may pre-qualify for loans, receive discounts on loan origination fees, or receive house hunting and rental locator services.

For more information, contact the Housing Office at NWC ext. 3411/318.

# Bouthillier, Pitts nominated by NWC for FEB Distinguished Public Service Awards

(Continued from Page 1)  
Security Department.

One of 39 nominees for Category III, Outstanding Professional Employee, Mr. Bouthillier was recognized as "an invaluable asset to his organization, distinguishing himself as the Center's point of contact with the Department of Navy Central Adjudication Facility." Bouthillier has "coordinated personnel security clearances for more than 5,000 civilian personnel." In addition, Bouthillier has "established procedures for tracking personnel clearance actions by computer (procedures which have been adapted for use at two other Navy installations), eliminated the backlog while staying up with the daily clearance actions, and along with his co-workers, has developed a computer data base of personnel clearances." Bouthillier is currently the Safety and Security Department representative on the Suitability Review Board.

Bouthillier has been working at NWC for 3 years.

Outside of work Mr. Bouthillier enjoys his involvement in youth activities, especially the Boy Scouts, with his 12 year old son, Stephen. Bouthillier and his wife Joan, a PBX operator with Flight Services, have two other children; Vince and Stacey, who both reside in Washington.

Judith Pitts represented the Center as one of 17 nominees for Category V, Outstanding Clerical Employee, and was selected as a runner-up. Pitts was commended for her initiative to "take note of anything that will make herself and the other Division secretaries more



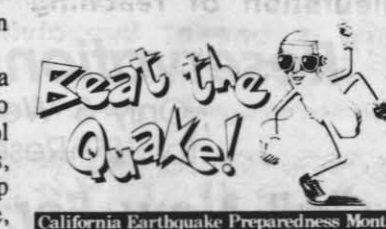
DISTINGUISHED SERVICE-Cleve Cooper, front left, congratulates Steve Bouthillier for being nominated for this year's Los Angeles Federal Executive Board Distinguished Public Service Awards. Looking on are (back row, left to right) Jim Pinnell, Tony Taylor, Linda Hall and Carlos Hutchings. Photo by PHAN Cary Brady.

knowledgeable and more efficient. She has reviewed several of the Naval Weapons Center's policies and procedures and proposed ways to improve them via MIPT's." Pitts is "respected by her peers and is considered an important part of the Intercept Weapons Department secretarial team." Besides her secretarial duties, Pitts also serves as the Department Transportation Representative, the alternate Department Sexual Harassment Prevention Coordinator, and as a member of the Department Secretarial Promotion Review Board.

Mrs. Pitts started her career with NWC in June 1985 as a clerk-typist in the Sensors and Platforms Branch. In April 1986 she was promoted to Branch Secretary and in February 1988 she was selected for her current position as the Electro-Optics Guidance Division Secretary.

Pitts and her husband, Sam, a Contel employee, have two children: Tabatha, 20, a pre-school teacher in Ridgecrest, and Douglas, 23, employed by a carpentry shop in Sacramento. In her spare time, Pitts enjoys bowling and is an

active member of a bowling league. A total of 99 civilian and military federal employees from southern California were nominated for this year's Los Angeles Federal Executive Board Awards.



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