

# Community Events

Members of the Ridgecrest United Methodist Church will host an ice cream social on Wednesday at 639 North Norma. The social begins at 6 p.m. Homemade ice cream will be featured along with pie, cake and beverages. A \$2.50 per adult donation and \$1 for child donation will be requested. Live entertainment will be provided by the Sierra Winds Special Ensemble.

\*\*\*\*

Maturango Museum is offering a Back-to-School Saturday Adventure on August 11, 1990. Officer Randy Gene Bias of the Ridgecrest Police Department will bring police dog, Tarzan, a four and one-half year old mixed German Shepherd and Dutch Malinois. The program will be held at the Museum at 100 E. Las Flores from 3 to 4 p.m.

\*\*\*\*

"Impressions of Nature" by F.G. Hochberg will go on display in the Sylvia Winslow Exhibition Gallery of the Maturango Museum Aug. 11 through Sept. 5. These impressions were achieved by printing directly from a diversity of natural subjects, principally plants, fishes and shellfishes. Hochberg finds this method to be a way to communicate natural history through an art form as a very fine detail is possible. Admission for adults is \$1 and 50 cents for children. There is no fee for museum members.

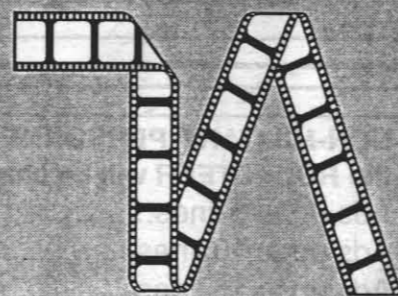
## Now Playing Matinees for Kids

Ages 6 & Under • FREE  
7-12 • \$1.00  
13 & Up • \$2.00



Showtime 2:00 P.M., NWC Theater

- August 2nd Adventures of Pipi Longstockings
- August 7th The Fox and the Hound
- August 9th Swiss Family Robinson
- August 14th Pete's Dragon
- August 16th The Aristocats
- August 21st The Chipmunk Adventure
- August 23rd Return to Snowy River (PG)



### August 3, 1990

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### Weather Report

	Max	Min	Peak Gust
Fri.	102	60	16
Sat.	103	64	15
Sun.	105	69	15
Mon.	104	68	16
Tues.	193	66	27
Wed.	105	66	23

### Code 38's safety record receives recognition

Employees of the Naval Weapons Center's Research Department were saluted for their outstanding efforts toward workplace safety. At the weekly Commander's Meeting, Capt. Douglas W. Cook, NWC Commander, presented the department with a certificate recognizing two million man hours without a lost-time accident.

The safety award covered a nearly three-year period, from October, 1987 to June, 1990.

Ron Derr, head of the Research Department, accepted the award. Capt. Cook noted safety on the job was vital since people who are off work with injuries can't make the needed contributions to the Center. He exhorted Derr and Code 38 to keep up the outstanding tradition.

### JP Summer Bash set August 24

New Junior Professionals, and former JPs and anyone just interested in having a good time and meeting new friends is invited to attend the Annual JP Summer Party Friday, August 24 at the Officer's Club. The evening will begin with a Get Acquainted Welcome Aboard for new JPs at 6:30 p.m. and the party begins at 8 p.m.

Tickets are \$4 until 8 p.m. August 24, (\$5 after 8 p.m.). New JPs and spouses can purchase tickets for \$3. The evening includes unlimited beverages and munchies, swimming and dancing to live music.

# NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLV, No. 31, August 3, 1990

## Hazardous waste concerns grow

Cost of disposal continues to far outstrip purchase price for most chemicals and other items

Have you ever wondered the fate of that half full pint can of varnish you no longer need? Or how much it will cost the Naval Weapons Center to dispose of it? How about the red paint in the spray can, used once? Add to that the blue, black, white, yellow, green, and orange spray paint cans, containing varying amounts of paint, no longer needed in your work area. Or the 200 gallons of latex paint; ordered for a job which has since been cancelled. How much money could have been saved; more wisely spent?

Just what are some of the typical costs that the Environmental Division (Code 266) faces when disposing of our hazardous wastes? A sample of disposal costs include:

Item	Retail Value	Disposal
1/2 pint varnish	\$ 1.49	\$21.50
1 gallon latex paint	\$10.00	\$21.00
1/2 can spray paint	\$ 2.50	\$21.56
WD-40 spray can	\$ 3.50	\$21.00

These figures represent both the cost of repackaging and transporting the hazardous waste items to the disposal site; and disposal fees at the site.

There are numerous ways by which the NWC Hazardous Waste

Operations Section (Code 26611) try to defray the spiraling costs of hazardous waste disposal. The most common ways are through hazardous wastes bulking, resale, or recycling. Depending on the material, Disposal fees for bulked hazardous waste liquids can range from \$300-\$10,000 for a 55 gallon drum. Bulked solids cost slightly less to dispose of; about 25 cents per pound. Disposal of hazardous wastes through the Defense Reutilization Marketing Organization (DRMO) as opposed to a service contract can cut disposal fees even further; by as much as 50%.

Another alternative to disposal is the resale of hazardous materials through DRMO. Through resale, NWC nets 100% of the material's current market value. For example, 135 fifty-five gallon drums of propylene oxide, designated as hazardous waste, are now being negotiated for resale through DRMO. Today's current market price for this item is approximately \$156,000. If a buyer is found, this money will return to NWC's overhead account. On the other hand, a disposal service contract for this amount of propylene oxide would cost NWC approximately \$75,000. Unfortunately, not all hazardous materials items can be resold. There are restrictions for the items that can be considered for resale through DRMO. Only hazardous materials which are unused and

(Continued on Page 10)

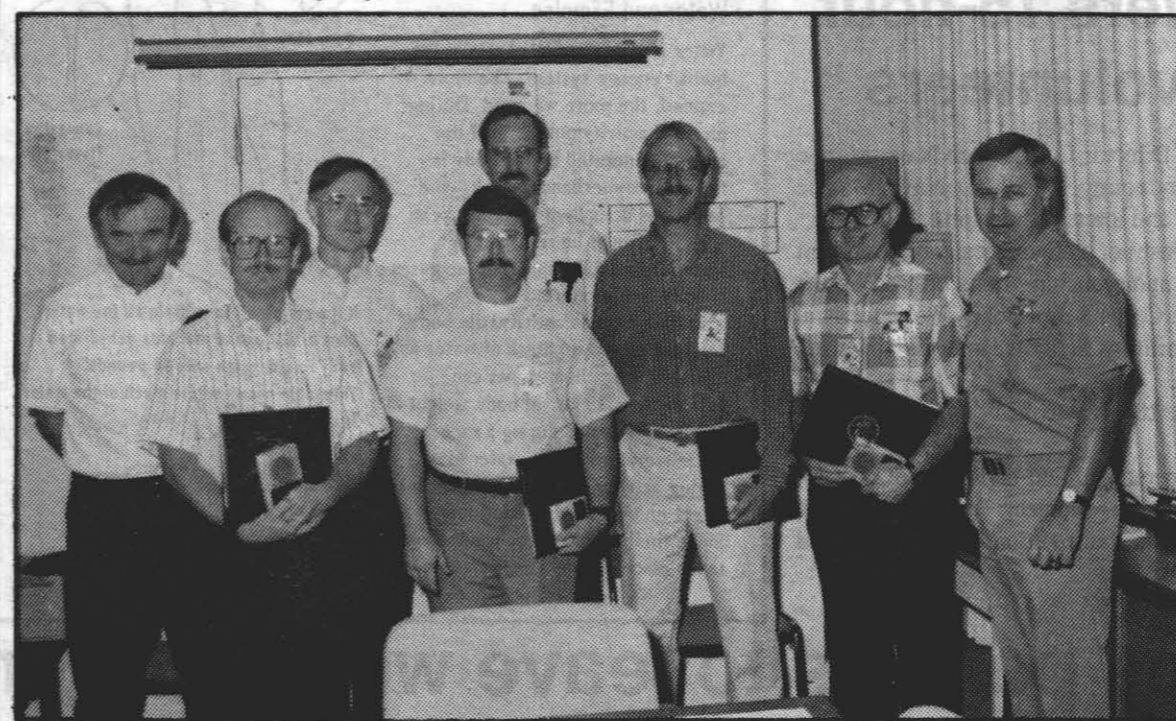
### AIM-9R seeker team saluted by Team Award

Eight China Lakers were honored for their technical achievements on the Sidewinder AIM-9R Seeker Project. Five of the eight were on hand recently when Capt. Douglas W. Cook, Naval Weapons Center Commander, presented the Team Award for Outstanding Team Accomplishment in a Technical Area.

Gordon McClellan, Jerry Dodd, Don Jones, Steve Johnson and Dave Kurdeka received the award from Capt. Cook in the Intercept Weapons Department conference room while many of their co-workers looked on. Not present for the ceremony were Cary Fairchild, Roger Porter and Alan Marshall.

In a commendation letter, signed by Capt. Cook and Bill Porter, NWC Technical Director,

(Continued on Page 7)



**TEAM HONORS**--Joining members of the AIM-9R seeker team following presentation of the NWC Team Award were Bill Boatright and Sandy Rogers of the Intercept Weapons Department and Capt. Douglas W. Cook, NWC Commander. Receiving the award were Gordon McClellan, Jerry Dodd, Don Jones, Steve Johnson and Dave Kurdeka. Not present for the photograph were Cary Fairchild, Roger Porter and Alan Marshall. Photo by PH3 Cary Brady

## Center readies Fall Clean-up Day 1990

Does your office need a new door, a paint job, new shelving; or do the holes kicked in the wall need patching? If so, the Naval Weapons Center Fall Cleanup and Self-Help Day from 8 a.m. to noon on September 29 may be just what the doctor ordered.

For the second time this year, China Lakers are being given the opportunity to pitch in

their own labor to improve the quality of life in the work place with projects that can be accomplished in four hours time. The deadline for submitting special Fall Clean Up work requests is August 31 if materials must be ordered.

Richard Dominguez of the Public Works Department is coordinating the NWC Fall

Clean Up Day. He is excited about the possibilities for improvements, noting the response to the clean-up, fix-up, paint-up day last spring was even more than expected.

As a part of the clean-up effort, NWC's Hazardous Waste Management Branch is holding a household and office hazardous

(Continued on Page 8)

First 3,000 people through the gate will receive a free baseball cap (21 years & older only)



Live in Concert:  
**.38 Special • Poco • Angel Train**

Presented at Camp Pendleton Marine Base at A.C. "Ace" Bowen Rodeo Grounds  
Saturday, September 1, 1990 - 4:00 p.m.

Tickets: \$5 Military and Dependents, \$8 day of show for Military, Dependents & Civilians

**SURGEON GENERAL'S WARNING: Smoking By Pregnant Women May Result in Fetal Injury, Premature Birth, And Low Birth Weight.**

Call your On - Base Ticket Office for information



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MARLBORO RED CIGARETTES

## China Lake Calendar

**Mon. Aug. 7 thru Aug 17**

... NWC Youth Soccer registration, Youth Center

**Tues. Aug. 7**

... Retirement party for Capt. Ken Kelley, 6:30 p.m., Seafarer Club

**Tues. Aug. 7**

... SAME meeting, Farris' at the Heritage, 11:30 a.m. Dr. Carl Austin, guest speaker

**Fri. Aug. 10**

... Deadline for TMC, SEC nominations to Code 33B

**Tues. Aug. 14**

... Farewell lunch for LCdr. Bob Davis, Seafarer Club, 11:30

**Coming Events**

**Fall Clean-up Day, Sept. 29**

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

## Area NRS offers 15-hour class for all volunteers

Mrs. Joyce Dinnage, Executive Director Long Beach Navy-Marine Corps Relief Society will be conducting a 15-hour Navy-Marine Corps Relief Course for volunteers and interested persons.

While here, Mrs. Dinnage will instruct a course designed to inform the military community about the numerous programs offered by the local NRS Auxiliary, Navy-Marine Corps Relief policy, volunteerism, budgeting, pay and allowances, military benefits, interviewing, and office procedures will be discussed.

The course will be offered Sept. 10-14, 9 to 12 noon, at 1811 Lauritsen Rd., NRS Bldg.

Spouses, retirees, active duty personnel and civilians are all welcome. Participants are NOT obligated to volunteer. But those who do, will be heartily welcomed to carry on the tradition of the "Navy and Marine Corps take care of their own."

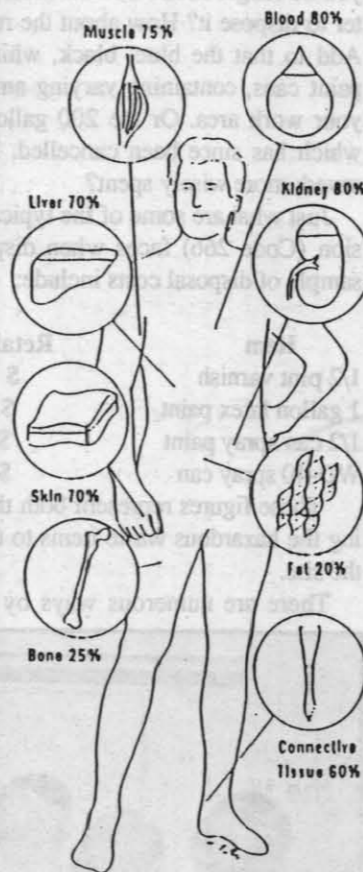
## Wellness Corner



# WATER

## The Medium of Life

We all know the importance of a well-balanced diet to our overall health and well-being, but we sometimes forget the other critical element of sound nutrition—water. Water is the medium for all body fluids, including blood, the lymph, the digestive juices, urine and perspiration. It balances acids, moves nutrients into the cells, and is a solution for holding electrolytes. (Electrolytes are salts that allow the conveyance of electrical currents.) The body's need for water is second in importance only to its need for oxygen. Adult body weight is approximately 55-65% water, with infants' body weight as much as 70%. A 10% loss of body water poses significant health risks, and a 20% loss may result in death.



If it were possible to drain all the water from a 160-pound man, his dehydrated body would weigh only 64 pounds. This table shows where much of the water is distributed.

the blood, muscles and organs all need water balance to work effectively. When water is drawn away from the working muscles, blood volume is decreased so the heart must pump harder to supply the same amount of energy.

### Water Works

The following recommendations can help ensure that your body has adequate water to keep you working in top condition.

- ✔ Drink 8-10 8-ounce glasses of water or other fluids daily.
- ✔ Start drinking before you feel thirsty, since during activity the body loses water faster in sweat than it can absorb into the digestive system.
- ✔ Use water to cool your skin during activity.
- ✔ Wear light, loose, porous clothing in hot weather to help sweat evaporate.
- ✔ Weigh yourself before and after activity; replace the water you've lost with cool fluids.
- ✔ Don't count on thirst as an accurate guide to your water needs. You'll quench your thirst long before you replenish your body supply.
- ✔ Don't try to lose weight by not replacing water lost during activity.
- ✔ Don't wear rubberized clothing designed to increase sweating. It can't help you lose weight; it just prevents sweat from evaporating. ☐

### Water and Exercise

Water plays an essential role in the human energy system. The more we expend, the more we need. During physical activity only 25% of the energy generated by the body is turned into mechanical work—the balance is actually turned into heat. This heat must be removed by sweating to avoid dangerous increases in body temperature.

During intense activity, the body can lose up to two liters of water as sweat. A marathon runner can actually lose 13 lbs. of body weight in the form of water during a race.

Dehydration due to water loss during activity can have a significant effect on the body's performance. Since the body's energy production takes place in a fluid environment,

## Clinic urges parents to leave well children at home

Well children are at risk in the Naval Weapons Center Branch Medical Clinic, thus the policy of allowing only those children who have appointments to come to the clinic. Children who are not ill and do

not have an appointment in the clinic are exposed, unnecessarily, to patients who may be suffering from contagious conditions.

In addition, the clinic staff cannot be expected to care for unattended children

while their parents are being seen or are with children who have appointments.

Please help the clinic staff do their jobs by observing this policy.

There is temporary day care available

on-Center through the Children's Part-Time Center. Children from infants through four years old may be taken there if advance arrangements are made. Call NWC ext. 2653 before your clinic visit.

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Commander -- CAPT. DOUGLAS W. COOK Technical Director -- WILLIAM PORTER Acting Public Affairs Officer--ELEANOR JOHNSEN Editor -- STEVE BOSTER Staff Writer -- PEGGY SHOAF Photographer -- PH3 CARY BRADY

China Lake, CA 93555-6001; telephone (619) 939-3354; E-Mail SCF:Rocketeer. Deadline for receiving stories and photos is 4 p.m. Tuesday for publication on Friday of that week.

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NON-MILITARY PERSONNEL that wish to place Classified ads in the ROCKETEER will be charged, PER ISSUE, as follows:

Ads up to 5 lines.....	\$3.00
Ads up to 10 lines.....	\$5.50
Ads up to 15 lines.....	\$8.00
Ads up to 20 lines.....	\$10.00
Ads over 20 lines.....	\$10.00 & \$1.00 per line over 20 lines.

### CLASSIFICATIONS

PERSONALS.....	1	SERVICES.....	30
LOST & FOUND.....	5	AUTOMOTIVE.....	35
HAPPY ADS.....	10	MISC. FOR SALE.....	40
HELP WANTED.....	15	GARAGE SALES.....	45
RENTALS.....	20	PETS & SUPPLIES.....	50
BUSINESS.....	25	REAL ESTATE.....	55

**DEADLINE FOR ALL CLASSIFIED LINE ADS IS 4:30 p.m. WEDNESDAY - PRIOR TO FRIDAY PUBLICATION**

### 1 PERSONALS

ARE YOU INTERESTED IN RECEIVING \$50 worth of FREE decor & more, for your home. If so, contact Patty; 446-2827.

WANTED: Room mate with 1 female child, to share 3BR triplex, w/garage, on south side of town. Non-smoker. (I have 3-yr. old daughter). Would have own room and bathroom. Child would share room with daughter. \$300/mo. Half utilities. \$300 dep. Call Debby after 5:30 pm. 371-3554.

### 10 HAPPY ADS

TEACHERS NEEDED: Immanuel Christian School needs: Teacher for science (chemistry, biology, physical science) & teacher for English 9-12. Call 446-6114.

### 20 RENTALS

2BR, 2BA - \$495/mo. + \$300 deposit. Pool & Jacuzzi in courtyard. Water/Trash/Basic Cable paid. 375-7642. Furniture Available.

NOW AVAILABLE: A wide selection of 2-3BR rentals in great areas. Offered below market rate. Ranging from \$425-\$695. No Pets. Also motel rooms on weekly basis. 446-4810.

**Classifieds Get Results**

### 30 SERVICES

HOUSEKEEPING - Call 446-2599.

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WE TEACH SKIN CARE. Results-oriented products. Dermatologist tested. Mary Kay has a skin care system for you. Call today! Abby Shanholtz. Independent Mary Kay Beauty Consultant. 2018 Coral Sea. 446-1006.

WINDOW TINTING - Auto, Commercial, Residential & Special. Protect your children & interior from the sun, have your windows tinted. 5 YEAR GUARANTEE! State & City licensed. 371-2511.

### 35 AUTOMOTIVE

'82 CHEVY C10 TRUCK, shell, bed liner, dual tank, A/C, Power Steering/Brakes, Cruise, Tilt, AM/FM Cassette. \$6500/OBO. 446-2642.

1980 FORD PINTO, 4-speed, MT, AC, RUST PROTECTION, XLNT RUNNING CONDITION. \$1,100/OBO. 371-2241, after 6 pm.

CHEVY 396, 2 bolt, virgin block. Excellent condition, complete. \$700/OBO. Call Bryan at 446-2647.

FOR SALE - 1984 Bronco II 4x4. AM/FM, A/C. \$5,200/OBO. After 5 p.m. 446-3361.

### 35 AUTOMOTIVE

FULL DRESS HONDA GL1100 GOLDWING - New battery, new fairing (in the box), shop manual, cover spares and originals for upgraded accessories. \$2,595.00. Bill @ W: 446-4011; H: 375-5095.

SEPERATION FORCES SALE! 84 Ford F250 SuperCab, duals, AM/FM Cassette AC, 4sp., shell, tilt, cruise, towing pkg., tinted windows, center console front bench seat, full bench back seat \$7,500 OBO. 446-4751

WANTED TO BUY: Small used travel trailers. Any condition. Call 375-7649, after 6 p.m.

### 40 MISC. FOR SALE

1 - 50 GALLON AQUARIUM w/stand and accessories. 1 - 10 GALLON w/just stand. 446-5169.

DRAPES For 2BR JOQ livingroom: Custom drapes for window wall, linen, off-white; w/w carpet, mauve color. Both items nearly new, XLNT condition, half original price. Phone 446-7331.

SECTIONAL PILLOW SOFA, OFF-WHITE, nearly new, XLNT condition. Half original price. Phone 446-7331.

SOFA & LOVESEAT - like new. Two Cammode living room tables. One coffee table. One new antique gold traverse rod, extends to 100 inches. Draperies - gold - 100 inches. Call 375-7649, after 6 p.m.

### 45 GARAGE SALES

SAT - AUG. 4th, 8-1. Desk, wicker table, kitchenette, med. size kennel and more. 1402 Ticonderoga. 446-5169.

NWC HOTLINE Integrity, efficiency program Call: NWC ext. 3636 (24 hours) or call the Inspector General at: (800) 522-3451 (toll free) 288-6743 (Autovon) (202) 443-6743 (commercial)

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## NWC Rocketeer

### The 'Voice' of NWC for all of China Lake Community.

For more information or to place a display ad

call **375-4481**

The deadline for display ads is Mon. 4 p.m.

**NAS Lemoore attack squadrons phase out A-7E Corsair II aircraft**

Attack Squadrons 27 and 97 at Naval Air Station Lemoore returned from WestPac 90 deployment late last month, marking the end of the final deployment of A-7E Corsair II aircraft to the Pacific. The squadrons were deployed onboard the *USS Carl Vinson* (CVN-70) for this final excursion.

**The Right Stuff**

If you were honorably separated from the Navy, you are made of the right stuff. Continue your Naval career in the Naval Reserve! We offer the new G.I. Bill, reenlistment bonus, monthly paycheck, travel, retirement benefits and advancement. Find out if you qualify! Call 446-4217 now!

**Navy's Medical Service Corps observes birthday**



**The Skipper Sez...**

Two members of the Naval Weapons Center military family belong to a unique and highly specialized group of officers, the Navy's Medical Service Corps (MSC). Tomorrow (Saturday) marks the 43rd birthday of the formal establishment of the Medical Service Corps on August 4, 1947.

Only LCdr. Richard Titi and LCdr. Bruce Slobodnik are members of MSC at China Lake. But throughout the Navy there are more than 2,000 officers on active duty in grades of ensign through rear admiral.

As officer-in-charge of the NWC Branch Medical Clinic, LCdr. Titi is responsible for the administration and operation of the clinic. The organization currently has 60 military, civilian and contract personnel, taking care of an average of 2,000 patients a month.

A Navy line officer for seven years before becoming a professional health care administrator, LCdr. Titi has been at China Lake for almost two years, coming to NWC from duty with Headquarters, Fleet Marine Force, Atlantic.

Arriving at the Naval Weapons Center last October, LCdr. Slobodnik took on duties as association head of the Aerosystems Department's Recovery Systems Division. A Naval Aerospace Physiologist, he reported here following a tour with the Naval Aerospace Medical Institute in Pensacola, Fla.

Noting his speciality requires him to be in flight status, LCdr. Slobodnik is heavily involved in project work for the Recovery Systems Division. He recently received the Navy Commendation Medal

for research he conducted at his last duty station. The research has a tremendous savings potential in the training of aircrew members for the Navy.

Their own corps, the Medical Service Corps, is part of the Navy's health care family that includes the Medical Corps, Dental Corp, Navy Nurse Corps and the hospital corpsmen and dental technicians serving the Sea Service needs.

The need for MSC was seen following World War II when Navy officials realized the ongoing demobilization would leave the Navy Medical Department no permanent base of administrative and allied health professional experience. From the early days in the war there had been demonstrated



**CHINA LAKE MSC MEMBERS--LCdr. Richard Titi (left) and LCdr. Bruce Slobodnik compare notes about the Medical Service Corps.**

a need for skilled medical administrators as well as commissioned officers who were versed in sciences allied with medicine including biology, zoology, public health, nutrition, psychology, pathology, entomology, genetics and more. Thus the birth of the MSC in 1947 included four major sections, medical supply and administration, pharmacy, optometry and medical allied sciences.

Of the approximately 2,300 officers now on duty in the MSC, about 70 percent had prior military service before entering the corps.

The MSC is the most highly diversified corps in the Medical Department. These officers serve in more than 250 commands at the Sea Service. About 65 percent of them in facilities rendering direct patient care.

**Question**

Military -- I would like to find out why the Knox Gate is not open on the weekends? It would be great for the military living right there to have easy access into town. Thank you.

**Answer**

Periodically the visitor gate hours are reviewed to ensure that we meet operational requirements of the Center and the needs of Center residents. Costs and convenience are two of the factors that are considered during these evaluations. Keeping the Knox Gate open an additional 2 days per week is relatively expensive when compared with the reduced usage which would occur on weekends. I regret any inconvenience but the resources are not available to fulfill your request for 7 day per week access through Knox Gate.

**By The Way:**

One of the most rewarding aspects of my job as the Commander of the Naval Weapons Center is to receive letters of commendation about our people, the quality of our work, and some of the traditional and symbolic things we do. With regards to the letter, we recently received the following letter from Captain Michael P. Donnelly, Deputy Commander, Defense Communications Agency, Hawaii, I want to share with you. "Dear Captain..."

**Dear Captain,**

This is a belated BRAVO ZULU letter - something I've intended to write since Memorial Day. I trust the lateness of its arrival will not diminish the sincerity of what I wish to convey.

In twenty-four years of naval service I have observed scores of Memorial Day activities. Some have been inspirational, some have been moving. But none have had the impact of your base-wide flag display. On Sunday morning, May 28, 1990, I was residing in your VIP Quarters enroute to a new duty station. NWC China Lake was eerily quiet, with virtually no vehicular movement. The only sound on base was of birds and hundreds of American flags snapping in the breeze. I found it to be an extremely moving setting, and a powerful catalyst to the remembrance of shipmates lost in the Tonkin Gulf, in Vietnam, and in the line of service around the world.

I want to express my sincerest appreciation to you and the members of your staff and others that have kept your "flag" tradition alive. Your efforts are a fitting tribute to those we will never forget.

**Michael P. Donnelly**  
Captain, USN  
Deputy Commander

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. Douglas Cook. 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 their name and phone number for a direct contact, but otherwise, this is not required. There is no intent that this column be used to subvert normal, established chain-of-command channels.

**Armed Forces Voting Week near**

Armed Forces Voters Week ceremonies get underway at DoD installations Aug. 27. The week draws attention to the right and civic duty that service members have to vote. "Our military men and women are most deserving of every opportunity to exercise their right to vote," said Secretary of Defense Dick Cheney. He urged all commanders to publicize the week, saying every eligible military member and dependent should be made aware they can vote.

The week reminds service men and women to apply for absentee ballots.



**FAREWELL--With help from Capt. Douglas W. Cook, NWC Commander, the China Lake Navy/Marine Corps Relief Society said good bye to LCdr. Harry Lewis, the outgoing executive director. Capt. Cook presented a letter of appreciation from VAdm. Travers, NRS President in Washington, D.C.**

**LCdr. Davis goodbye lunch set**

LCdr. Bob Davis is departing for Pensacola, Florida. A farewell luncheon has been planned for Tuesday, 14 August 1990, at the Seafarer's Club. Luncheon choices are chicken salad croissant with fresh fruit for \$6 or chicken fried steak dinner for \$6.60. Both meals include coffee, tea, or lemonade and gratuity. Tickets need to be purchased no later than 10 August 1990. For luncheon tickets call Mona 3411 x476 and for presentations, gifts or contributions call Joyce at 3411 x340.

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**BIG SCREEN T.V.**  
Daily Lunch Specials  
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- Seafood
- Seafood & Tuna

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**Blimpie** is America's Best Dressed Sandwich  
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**JOHNS PIZZA & PASTA HOMEMADE ICE CREAM**

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**375-4407**  
348 W. Ridgecrest Blvd.

# Child Care Act impacts Center

NWC Commander sets meeting on Monday to explain changes and fees

Capt. Douglas W. Cook, NWC Commander, has scheduled a meeting with parents of children enrolled in NWC Childrens Centers on Monday (August 6) at 11:30 a.m. in the NWC Conference Center (old CPO Club). At this meeting her will address specific fees to be charged parents and local implications of the 1989 DoD Child Care Act.

When Congress passed the 1989 DoD Child Care Act last November, they intended the big winners would be parents and children who rely on military child care services.

This legislation's goals were to expand the availability of child care, improve the quality of programs, and establish a more comprehensive funding policy for military child care.

The key word for parents and the children who use military child care services at the Naval Weapons Center is quality. Quality of care was consistently the top consideration as the legislation made its way through the House and Senate.

When the act's principal elements are implemented at military child care facilities throughout the United States and abroad, it was anticipated that parents would reap the benefit of not only more caregivers for their children, but also better trained and more qualified caregivers. Here at NWC, quality has always been a top priority and therefore adult-child ratios have been consistently low. The bill directs "at least 1,000 competitive service positions" be added for child care programs throughout the military this year. This translates into 200-plus new child care positions for the Navy. For NWC this means a possible conversion of seven positions instead of additional jobs since we are currently in concurrence with staffing requirements. This means some of the existing child care professionals here will become civil service employees rather than Non-Appropriated Fund employees.

The act requires all military child care employees complete a mandatory training program within six

months of being hired. The program covers early childhood development, activities and disciplinary techniques, child abuse prevention and reporting procedures, CPR and First Aid.

Additional ongoing training includes a standardized Navy Caregiver Training Program. Completion of the 13-module program which covers health and safety, program curriculum, interaction with families, and professionalism, is a pre-requisite for advancement. Moreover, child development centers without a training curriculum specialist prior to this act will now have one on site to oversee all training activities. At NWC, the Training and Curriculum Specialist is the program coordinator, Linda Eberhart.

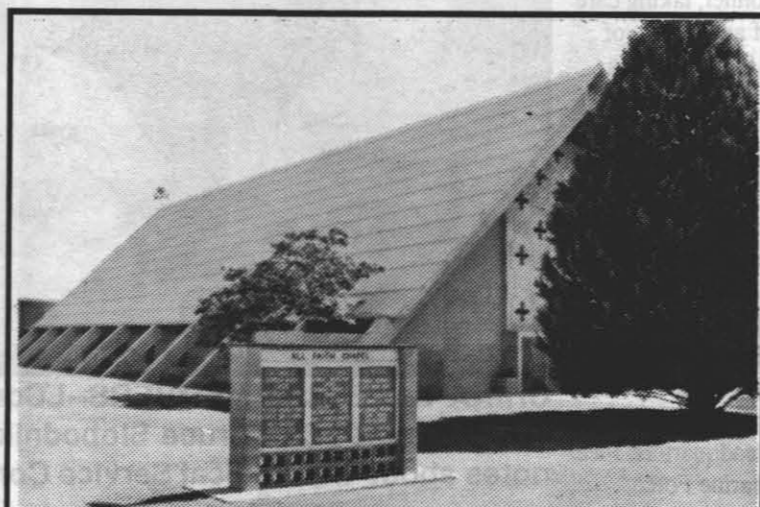
The legislation sets in place a program to test "competitive rates of pay" for Non-appropriated fund caregiver salaries. This plan went into effect locally on May 30, 1990. Starting salary for caregivers went from \$4.54 per hour to \$5.70, with the average hourly salary going from \$5.54 to \$6.64. This plan ensures all caregivers the opportunity to advance from entry level to full performance potential. It is estimated that salaries will rise an additional 10% in FY 91. The full performance rating scale is equivalent to the GS-4 salary.

It is hoped that with more competitive salaries, military caregivers will be less likely to leave their jobs for higher paying ones. A more settled group of caregivers will be better able to meet developmental needs of children. Such needs are best fostered in a stable environment with continuing exposure to the same caregivers. Additionally, qualified military spouses will receive hiring preference for child care positions.

The bill addresses quality assurance by requiring all child development centers be inspected at least four times annually. All inspections will be unannounced. Any violations deemed life threatening (Continued on Page 9)



**BELATED AWARD--**Capt. Robert Kapernick, NWC's deputy laboratory director, receives the Joint Service Commendation Medal from Capt. Douglas W. Cook, NWC Commander. The award is for outstanding service between 1984 and 1987 at his previous duty station. Better late than not at all said Capt. Cook as he honored Capt. Kapernick for the work that brought the award.



## Divine Services

Protestant	
Sunday Worship Service, East Wing	8:00 a.m.
Sunday Worship Service, Main Chapel	10:30 a.m.
Sunday School, 1008-10 Blandy & 1903-05 Mitscher	9:00 a.m.
Bible Study (East Wing), Wednesday (September thru June)	11:30 a.m.
Men's Prayer Breakfast, East Wing, Thursday	6:30 a.m.
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday	7:00 p.m.
Islamic	
Jumaa Prayer (Friday at 1905 Mitscher)	1:00 p.m.
Roman Catholic	
Sunday Mass, Main Chapel	9:00 a.m.
Daily Mass, Main Chapel (During Renovations)	11:35 a.m.
Confession (Sunday), Command Chaplain's Office	8:15-8:45 a.m.
Confession By Appointment	Anytime
Religious Education Classes (Sunday) (September thru May)	10:30 a.m.
1902 Dobb, 1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher	

Jewish	
Weekly Services (Friday - East Wing)	7:30 p.m.
Adult Hebrew Lessons (Saturday at 1004 Blandy)	9:00-10:00 a.m.
Sabbath School (Saturday at 1004 Blandy)	1:00-4:00 p.m.
Chaplain S. A. Casimano, LCDR, CHC, USN	
Chaplain G. L. Goodman, LT, CHC, USNR	
Brian H. Zimmerman, Student Rabbi	
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Phone NWC ext. 3506, 2773, 2873	

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(202) 443-6743 (commercial)

## TMC, SEC nominees sought

Nominations are being sought at the Naval Weapons Center for the Technical Managers Certificate and the Systems Engineering Certificate programs. The deadline this year has been extended to next Friday, August 10. All nominations should be made to Code 33B.

Individual employees interested in either program can obtain nomination forms from their department head of staff.

Each program includes about

350 hours of instruction over a three-year period. All courses are taught during working hours. Classes may require homework and a final exam. There is a comprehensive final exam at the end of the program. The NWC Training Center has a brochure detailing the curriculum for prospective participants.

The following requirements apply to both certificate programs:

- A current individual develop-

- Three years experience in science or engineering (with at least one year at NWC).
- Department recommendation.
- Completion of 40 hours of category three classes (see brochure).
- Have taken advantage of previous training opportunities.
- Relative degree of individual's need for program management or systems engineering training.
- Individual interest in and effort to improve work performance.

## NRS assists with budget, offers new baby starter set to military

All service families in pay grades E-5 and below can get, on request, a starter set when they have a new baby. The China Lake branch of the Navy/Marine Corps Relief Society will provide this set as a way to help defray

the initial cost of a new addition to the family. Active duty Marine Corps and Navy personnel need only see the local NRS office and do a family budget to receive this gift. For more information, call NWC ext. 2921.

# CS Chico announces fall offerings at NWC

Following are classes being offered this Fall for the California State University, Chico (CSUC), Computer Science Program (bachelor's or master's degrees).

To enroll in these classes, submit a NAVWPNCEN Form 12410/73, Request for On-Center Training, via department channels to Code 224. Registration will be held at the first class meeting. **Deadline for enrolling is 10 calendar days before the starting date of the class.** Enrollments in courses will be on a first come, first served basis, unless otherwise stated.

**CSCI 151: Algorithms and Data Structures (3 units)** -- Sept. 8-9, Oct. 13-14, Dec. 8-9, Saturdays and Sundays; 0800-1600; Training Center. By Professor Keuneke, CSUC. Lab, conducted by Howard McCauley, NWC, will be held on Tuesdays from 5 to 6 p.m. commencing Sept. 11.

Prerequisite: CS 16: Pascal or equivalent or consent of instructor.

Scope: The representation, application and processing of a

wide range of data structures, including lists, trees and graphs. The analysis of algorithms. Recursive and iterative techniques for problem-solving.

Note: This is a core course in the bachelor's degree program in Computer Science through CSUC. This is a required foundation course for the master's degree program in Computer Science through CSUC.

Text: TBA.

**CSCI 280: Digital Logic Design Theory (3 units)** -- Aug. 28-Dec. 20, Tuesdays and Thursdays, 1230-1345; Training Center (via satellite). By Professor Britton, CSUC.

Prerequisite: CSCI 171: Computer Architecture or equivalent or consent of instructor.

Scope: The design of combinational and synchronous sequential digital circuits. The student will do the hardware design of a simple digital computer.

Text: TBA.

**CSCI 210: Software Engineering (3 units)** -- Aug. 28-Dec. 20, Tuesdays and Thursdays, 1100-1215; Training Center (via

satellite). By Professor Fisk, CSUC.

Prerequisite: CSCI 152: Operating Systems Programming or equivalent or consent of instructor.

Scope: Special problems in the development of large software systems. Software life cycle, requirements analysis, structural design, implementation, costing, standards, verification and validation.

Note: This is a required course for the software engineering option of the master's degree program in Computer Science through CSUC.

Text: TBA.

**CSCI 252: Programming Languages (3 units)** -- Oct. 20-21, Nov. 17-18, Dec. 15-16, Saturdays and Sundays, 0800-1600; Training Center. By Professor

Prerequisite: CSCI 171: Computer Architecture or equivalent or consent of instructor.

Scope: The design of combinational and synchronous sequential digital circuits. The student will do the hardware design of a simple digital computer.

Text: TBA.

**CSCI 210: Software Engineering (3 units)** -- Aug. 28-Dec. 20, Tuesdays and Thursdays, 1100-1215; Training Center (via

satellite). By Professor Fisk, CSUC.

Prerequisite: CSCI 152: Operating Systems Programming or equivalent or consent of instructor.

Scope: Special problems in the development of large software systems. Software life cycle, requirements analysis, structural design, implementation, costing, standards, verification and validation.

Note: This is a required course for the software engineering option of the master's degree program in Computer Science through CSUC.

Text: TBA.

**CSCI 252: Programming Languages (3 units)** -- Oct. 20-21, Nov. 17-18, Dec. 15-16, Saturdays and Sundays, 0800-1600; Training Center. By Professor

Prerequisite: Math 6C: Calculus III or equivalent or consent of instructor.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent or consent of instructor.

Scope: An investigation into the structure of programming languages. Comparison of list processing, string manipulation, functional, object-oriented, declarative, and procedural languages. Formal specification of syntax and semantics.

Text: TBA.

**Math 477: Discrete Mathematical Structures (5 quarter units)** -- Sept. 13-Nov. 15, Thursdays, 1610-2110; Training Center. By Professor El-Ansary, CSUC.

Prerequisite: Math 6C: Calculus III or equivalent or consent of instructor.

Scope: Logic and induction;

functions and sequences; relations; recursive definitions; matrices and semigroups; counting; and graphs and trees.

Note: This is a core course in the bachelor's program in Computer Science through CSUC. This is a required foundation course for the software engineering option of the master's program in Computer Science through CSUC.

Text: TBA.

**Comments**

Job-related courses other than those listed above or those offered under contract with Cal-State, Chico; Cal-State, Bakersfield; or Cal-State, Northridge must be approved on a DD 1556 (off-Center Training Request) before registration if the Naval Weapons Center is expected to pay for the training.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent or consent of instructor.

Scope: Logic and induction;

functions and sequences; relations; recursive definitions; matrices and semigroups; counting; and graphs and trees.

Note: This is a core course in the bachelor's program in Computer Science through CSUC. This is a required foundation course for the software engineering option of the master's program in Computer Science through CSUC.

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(Continued from Page 16)  
the Macintosh PC is desirable. Ability to work independently and have a good understanding of contract administration and procurement procedures is desirable. Promotion potential to DG-3. Area of consideration for this position is the 03 Directorate.

### Secretarial openings

Continued from Page 15

Flag-level, both On-Center and Headquarters level. Experience with the MacIntosh is desired. Promotion potential to DG-3. Area of consideration is limited to the 03 Directorate.

No. 31-026, Secretary (Typing),

DG-318-1/2, Code 3107 - This position provides secretarial and administrative support to the Deputy for Foreign Military Sales in the F/A-18 Weapons System Support Activity. The incumbent is responsible for various secretarial

duties including all foreign travel orders, passports, and visas. Knowledge of MacIntosh computer is desirable. Must have ability to communicate effectively. Promotion potential DG-2. Status eligibles may apply.

No. 31-054, Secretary (Typing), DG-318-1/2/3, Code 31B - The incumbent will provide secretarial and administrative support to the Contract Support Office, Aircraft Weapons Integration Department. (Continued on Page 17)

# Even a deaf kid can hear what's being said.



You don't need ears to figure out someone is talking about you. Or eyes to know someone is staring at you. Yet, when you have a disability, that's the kind of thing that happens to you every day. It's time to change that. And start looking at the person, not the disability.



## •MWR• UPCOMING EVENTS



- Friday, August 3rd
  - Ready, Set..Get Wet! Spend this weekend at one of the Center pools! X6542
  - Seafarer Lunch Special-Crab Salad
  - Sign-up for the Bowling Marathon Tournament, X3471
- Saturday, August 4th
  - Golf Course has new China Lake logo items!
- Sunday, August 5th
  - Youth Center open roller skating, 1-4 p.m.
- Monday, August 6th
  - Seafarer Lunch Special-Sloppy Joe
  - Grilled Steak/Chicken•11 am to 1 p.m. •Seafarer
- Tuesday, August 7th
  - CRAFTECH Daytime Classes•Sign-up Today!
  - BINGO-Seafarer, 7:00 p.m. X2581
  - Seafarer-California Beef Sandwich Lunch Special
  - Animal Clinic, 10 a.m. to 3 p.m. X3252, For Military Only
- Wednesday, August 8th
  - Hump Day-Come out and play at the Golf Course!
  - Call for Information on "Jazzercise" X6542
- Thursday, August 9th
  - Seafarer Lunch Special, Taco Salad
  - Seafarer-French Dip Sandwich Lunch Special
  - Family Night, O'Club, Top Sirloin Steak-\$6.95 6 p.m., OPEN TO ALL

**•BUY YOUR TICKETS•**  
COMEDY NIGHT • 8ish DINNER 6 p.m.  
August 15th-The Seafarer X2581

### SAME chapter hosts Carl Austin

Society of American Military Engineers (SAME) will host Dr. Carl Austin as the guest speaker for their monthly meeting next Tuesday at 11:30 a.m. The meeting is set for Farris' at the Heritage. Dr. Austin will talk about mining scams and frauds. Advance reservations are requested and may be made by calling Kay Williams at NWC ext. 3411/366. Please make reservations no later than close of business today (Friday).

### Museum sets talk on BLM's role

Kathy O'Connor, a biologist with the Ridgecrest office of the Bureau of Land Management (BLM), will be the featured speaker at the Maturango Museum's August 8th lecture. The program, which will begin at 7:30 p.m., will be at City Council Chambers, 100 W. California Avenue. Ms. O'Connor, who has worked in Montana, Wyoming and Oregon before coming to the Ridgecrest BLM office in January, will present a slide show and answer questions on the Desert Tortoise.

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**JOINT EFFORT**—Fran Fletecher (left) was recently honored for her many hours donated to the WACOM Thrift Shop at NWC. Half of the proceeds from the shop benefit the China Lake branch, Navy/Marine Corps Relief Society. Louise Tankersly, representing NRS, presented a pin and a letter of congratulations to Fran from the NRS Regional Executive Director.  
Photo by PH3 Cary Brady

**Albertson's FAMOUS FRIED CHICKEN**

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**THURSDAY DANCE CONTEST**

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**SUNDAY**

**TEEN TIME 7-11 PM DRINK SPECIALS**

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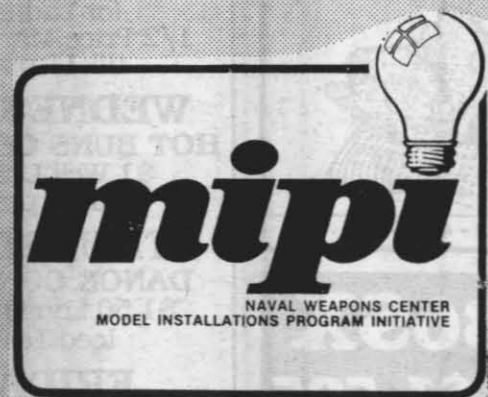
Life Cycle Maintenance got you down? Lost track of your data flow diagrams? Analysis and design of entity relationship and logical data models making it hard to keep seated? Screen layout and report design driving you crazy as a Loon? Do you generally feel like you're living through a Rod Serling Nightmare? Well, a solution is just a simple phone call away (not enough space here for all the details).

What are you waiting for? For more information, get on the phone to Tiana Gaugh, Code 2703, NWC ext 3396, NOW, before this limited supply of software is SOLD OUT (at bargain basement prices, yet).

Today's slogan, therefore, is "You snooze, you lose!" Happy shopping. Till next week...

By Bob Beane

**MIPI OFFICE: Code 0121  
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NWC Ext. 2311**



**Comedy at Seafarer**

Reservations are not required for NWC Seafarer Club patrons who plan to attend the August 15 Comedy Night. However, anyone planning to have a group of eight or more attend is encouraged to make reservations to assist in the seating arrangements. Large groups can call Tina or Mary at NWC ext. 2581.

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**CONTRACT SIGNING--Naval Weapons Center and CTA, Inc. officials gathered recently to sign a contract for continued CTA support of NWC programs. Taking part in the signing were (back from left) Orville Cook, NWC contract specialist; Richard Blosser, Code 314; Mark Sandson, CTA executive vice president; Sharon Irving, NWC's COTR and Lois Harrington, NWC deputy for small business. Seated (from left) are LCdr. Cedric Knight, head of NWC's Procurement Department; Mary Cross, CTA vice president, contracts; and Diane Foucher, NWC contracting officer. Photo by PH3 Cary Brady**

**NWC and CTA approve new contract**

On July 23, Naval Weapons Center and CTA, Inc., officials met to sign a contract between the Center and CTA, headquartered in Rockville, Maryland, calling for support of NWC programs. Under terms of the contract, CTA will support weapons system support activities, system software support activities and weapons systems support facilities for the Aircraft Weapons Integration Department at NWC. The work will be accomplished locally.

The contract is worth \$16,195,105 for the first year and if the four one-year options are exercised by the Navy, total value of this contract is \$89.7 million.

The solicitation was set aside exclusively from small, disadvantaged business participation under terms of the Small Business Act.

For the purposes of this solicitation only, the small business standard was set at a maximum of 1,500 employees. The Small Business Act, as amended, establishes an objective of awarding at least five percent of total Department of Defense contracting dollars through fiscal year 1993 to such concerns.

NWC consistently exceeds this goal and the new CTA contract will contribute significantly to the continued meeting of this goal.

**Promotional Opportunities**

(Continued from Page 14)

incumbent receives, stores, and ships these items. Job Relevant Criteria: Knowledge of ammunition and explosives; knowledge of materials; ability to inspect ammunition and explosives; ability to operate motor vehicles; dexterity and safety. A supplemental is required and can be obtained in Room 100 of the Personnel Building. Promotion potential WG-7.

**No. 35-008, Supervisory Interdisciplinary (Aerospace/Mechanical Engineer) DP-861/830-3/4, Code 3592** - This position is that of Head, Aerodynamics Branch, Missile Airframe Division, Attack Weapons Department. The branch uses engineering and advanced theoretical prediction to evaluate the aerodynamic stability, control and performance of existing weapons and develops airframe designs to meet specified performance requirements. As Branch Head, the incumbent directs a multidisciplinary staff which plan, conduct and evaluate data from sub-scale and full-scale tests, defines the aerodynamic loads on weapons and the flowfield surrounding it. Specialized emphasis is placed on calculating store separation trajectories, applying computational fluid dynamic codes, and identifying aircraft/weapons physical interfaces. Job Relevant Criteria: Knowledge of analytical and experimental methods to determine static and dynamic stability, total and distributed aerodynamic forces and moments, flight dynamics, trajectory analysis, and aircraft separation motion for missiles, rockets, guided and unguided bombs and submunitions; knowledge of personnel policies and procedures, affirmative action principles including the willingness to implement EEO practices; ability to correlate, analyze, evaluate and apply data and information from a variety of sources with a broadbased technical knowledge of weapons systems and mathematical analysis techniques for investigating and evaluating all facets of modern warfare; ability to perform as a first level supervisor; ability to communicate in writing. Promotion potential to DP-4.

**No. 39-024, Electronic Technician, DT-856-3, Code 3934** - This position is located in the Standard Missile Fuze Branch (Code 3934), Fuze Sensor Systems Division, Intercept Weapons Department. The branch responsibilities include the design, development and testing of Standard Missile proximity fuzes. The tasks are in support of hardware in engineering development, transition to production and full production. The incumbent will be responsible for performing the following duties: Represent NWC at the Standard Missile 2 Block IIIA & VI routine engineering flight tests, participate as NWC's representative on the Standard Missile Correlation Task

Group and participate as a team member on both MOD 9/10 Configuration Control Board (CCB) and Secondary Configuration Control Board (SCCB). Job relevant criteria: Ability to perform independent, hands-on electronic hardware construction; knowledge of missile flight test procedures and hardware. Familiarity with the Standard Missile flight test community and their test procedures is highly desirable.

**No. 61-005, Warehouse Worker (Ordnance), WG-6907-5/7, Code 6142 (multiple vacancies)** - This position is located in the Ordnance Control Branch of the Ordnance Division, Aircraft Department. The incumbent will be responsible for receiving, identifying, segregating, storing, packing, issuing, and constructing shipping containers for all explosive, ammunition and components used at the Naval Weapons Center. He/she will also be responsible for transporting ordnance as required. All packing, shipping, construction of packing, transport and inspection will be in compliance with all established regulations. Must be able to obtain and maintain a secret level clearance. Must be able to pass an annual physical examination for an Explosive Driver's license. Applicants must include a supplemental statement which addresses the job elements required. Copies of the supplemental application are available from Room 100 in the Human Resources Department, 505 Blandly. Failure to submit the supplemental may result in being disqualified. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; skill in use of material handling equipment and techniques; ability to interpret instructions, documents, etc., including DoD regulations governing the shipping and storage of ordnance; knowledge of ordnance and explosives, dexterity and safety, including skill in detecting potential ordnance hazards. Promotion potential to WG-7. Previous applicants need not reapply.

**No. 62-019, Photographer (Sci-Tech), DT-1060-1/2/3, Code 62142** - This position is located in the Photo Section of the Warhead Test Branch, Ordnance Test and Evaluation Division, Range Department. Duty is to participate in a variety of photographic test coverage. Complexity of tasks vary from ultra high-speed photography to project presentation and may require modification of equipment to accomplish desired results. Duties also include scientific motion picture, video, studio work, black and white, color printing, still photography, analytical assessment and editing. Job Relevant Criteria: Knowledge of high-speed, scientific and engineering photography; knowledge of photographic equipment; knowledge of photo-optical and electro-optical sys-

tems used in gathering field test data; ability to align and test electro-optical systems. Promotion potential to DT-3.

**Reassignment opportunities**

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

**No. 36-014, Supervisory Interdisciplinary (Electronics/Mechanical Engineer), DP-855/830-4, Code 362** - This position is that of head, Systems Engineering Division, Engineering Department. The Systems Engineering Division provides engineering review, analysis, design, test and evaluation, production engineering services and fleet and field support to facilitate the transition of weapons systems or components from development into production. Incumbent is responsible for the successful transition of hardware from development to production and manages a division of six branches with approximately 140 technical personnel. Knowledge of and willingness to support NWC EEO policies. DP-4's only need to apply. Promotion potential to DP-4. Please submit a current SF-171 to R. Riggs, Code 36, NWC ext 3685 or 3686.

**Cerro Cose exams place students at the right level**

Cerro Coso Community College is offering a variety of General Studies courses during the fall 1990 term. All new students are required to complete the College Placement Examinations before enrolling in classes at the College. Students who are enrolling in classes which have no prerequisites and students who have completed an Associate Degree or higher are exempt from having to take the examinations. Contact the Student Services Center at 375-5001 extension 219 and schedule an appointment to take the exam. This examination provides a measurement of achievement and ability in English, general college aptitude, and mathematics.

**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 applications will be rated on elements 4/7/8/9. A SUPPLEMENTAL FORM IS REQUIRED AND MAY BE OBTAINED IN ROOM 100 OF THE PERSONNEL BUILDING.

**No. 00-004, Secretary (Typing), DG-318-3, Code 00** - This position is for Assistant Secretary. The incumbent provides secretarial support to the Office of the Commander NAVWPNCEN. MAC II and File-Maker experience is highly desirable. Knowledge of SECNAV 5216.5C and proofreading skills a must. Incumbent must be able to plan and coordinate high level meetings and agendas. Knowledge of NWC organization and operations. Ability to interface effectively with others is required. Must be able to maintain a secret clearance. No known promotion potential.

**No. 28-007, Secretary (Typing), DG-318-2/3, Code 286** - This position is located in the Accounting Division in the Office of the Comptroller. The incumbent provides secretarial support to the Division Head, Administrative Officer and two branches. Knowledge and working skill on the Macintosh PC is desirable. Promotion potential to DG-3. Previous applicants need not reapply.

**No. 30-006, Secretary, DG-318-2/3, Code 303** - Incumbent will provide secretarial support to the Head, Weapons and Tactical Analysis Center (WEPTAC) and three branches. Incumbent must be able to deal effectively with all levels of personnel up to and including

edge and working skills with the Macintosh PC is desirable but not required. Full performance level: DG-2.

**No. 26-023, Secretary (Typing), DG-318-1/2, Code 266** - This position is located in the Hazardous Waste Management Branch, Environmental Division of the Public Works Department. The incumbent provides secretarial support to technical and non-technical personnel. Knowl-

(Continued on Page 16)

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**Promotional opportunities**

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

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

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

Application materials are accepted, and blank forms are available, at the Reception Desk, Room 100, Human Resources Department, 505 Blandly. 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. 22-005, Staffing Clerk/Assistant, DG-203-1/2/3, Code 225 - This position is responsible for the operation of the Employment Desk which includes functioning as the "Frontline" contact for all questions relating to employment from the public at large, overseeing the program for the hiring of clerical personnel, contacting the Office of Personnel Management on official business, and overseeing the Stay-In-School student hiring program. Represents the Personnel Department to all applicants and employees and directs inquiries on personnel matters to the various division offices. Provides employment and application forms to the public; assists them on requirements; reviews and rates applications, recommending actions; maintains job information tape recording; and provides assistance to supervisors and managers on hiring of clerks. Job Relevant Criteria: DG-1/2 level: Ability to speak tactfully with customers; ability to read and comprehend Federal regulations in order to learn procedural and regulatory

requirements; ability to function as part of a team; ability to write correspondence; and ability to resolve problems dealing with customers. DG-3 level: Ability to comprehend regulations pertaining to a complete staffing program, some of which may seem conflicting; and ability to solve problems with other personnel staff. Full performance level: DG-3. Previous applicants need not reapply.

No. 31-053, Computer Engineer Technician/Electronics Technician, DT-802/856-2/3, Code 31111 - This position is located in the Hardware Development Section, AV-8B/AH-1 Facility Branch, Avionic Facilities Division, Aircraft Weapons Integration Department. The Branch provides a simulation and integration test environment and workstations for the development, test, validation, verification and modification of operational flight programs exercised in the tactical and display computers of the AV-8B and AH-1 aircraft. The incumbent will perform as an electronic maintenance and repair technician in support of

senior technicians and engineers within the Branch. Duties will include the electronic fabrication of specialized hardware systems and troubleshooting and repair of electronic components, interfaces, and related systems and subsystems. Job Relevant Criteria: Knowledge of digital electronics; knowledge of digital applications; knowledge of VAX mainframe; knowledge of personal computing systems; ability to troubleshoot and repair relatively complex digital devices thru the use of specialized test equipment. The full performance level of this position is DT-3. This ad is rerun to correct the grade level and full performance level. Previous applicants need not reapply.

No. 31-055, Supervisory Interdisciplinary, (General/Electronics Engineer/Mathematician/Physicist/Computer Scientist), DP-801/855/1520/1310/1550-3/4, Code 3142 - This position is that of Head, AV-8B Avionics and Weapons Integration Branch, System Integration and Evaluation Division, Aircraft Weapons Integration Department. The AV-8B Avionics and Weapons Integration Branch is responsible for hardware and software engineering, avionics and weapons integration, and tests for subsystems used in support of the AV-8B aircraft. Job Relevant Criteria: Knowledge of weapons system including system design, operational software development, testing and analysis techniques and test and evaluation procedures; knowledge of aircraft systems including avionics and the systems engineering process; knowledge of affirmative action principles including a willingness to implement EEO practices; ability to influence and motivate others; ability to plan, organize, coordinate, and manage a technical program. The incumbent may be required to serve a one-year supervisory probationary period. The full performance level of this position is DP-4.

No. 31-056, Supervisory Interdisciplinary, (General/Mechanical/Electrical/Computer/Physics/Mathematician/Computer Scientist), DP-801/830/850/854/855/861/1310/1520/1550-3/4, Code 3144 - This position is that of Head of the F/A-18 Avionics & Weapons Integration Branch in the Systems Integration & Evaluation Division (Code 314) of the Aircraft Weapons Integration Department. The Branch is responsible for the engineering and technical support of the F/A-18 in the areas of avionics, weapons integration, navigation systems and Electronic Warfare Systems (EWS). Responsibilities include troubleshooting, test planning and implementation, verification and validation testing (V & V), and problem solving functions. Understanding of avionics and weapons system test and evaluation procedures is desirable. Job Relevant Criteria: Knowledge of weapon systems including system design, operational software development, testing and analysis techniques; knowledge of aircraft systems including avionics and the systems engineering process; knowledge of affirmative action principles including a willingness to implement EEO practices; ability to influence and motivate others. The incumbent may be required to serve a one-year supervisory probationary period. The full performance level of this position is DP-4.

Integration Branch in the Systems Integration & Evaluation Division (Code 314) of the Aircraft Weapons Integration Department. The Branch is responsible for the engineering and technical support of the F/A-18 in the areas of avionics, weapons integration, navigation systems and Electronic Warfare Systems (EWS). Responsibilities include troubleshooting, test planning and implementation, verification and validation testing (V & V), and problem solving functions. Understanding of avionics and weapons system test and evaluation procedures is desirable. Job Relevant Criteria: Knowledge of aircraft systems including avionics and the systems engineering process; knowledge of affirmative action principles including a willingness to implement EEO practices; ability to influence and motivate others. The incumbent may be required to serve a one-year supervisory probationary period. The full performance level of this position is DP-4.

No. 31-057, Supervisory Electronics Technician, DP-856-3/4, Code 3142 - This position is that of Head, AV-8B Avionics and Weapons Integration Branch, System Integration and Evaluation Division, Aircraft Weapons Integration Department. The AV-8B Avionics and Weapons Integration Branch is responsible for hardware and software engineering, avionics and weapons integration, and tests for subsystems used in support of the AV-8B aircraft. Job Relevant Criteria: Knowledge of weapons systems including system design, operational software development, testing and analysis techniques and test and evaluation procedures; knowledge of aircraft systems including avionics and the systems engineering process; knowledge of affirmative action principles including a willingness to implement EEO practices; ability to influence and motivate others; ability to plan, organize, coordinate, and manage a technical program. The incumbent may be required to serve a one-year supervisory probationary period. The full performance level of this position is DP-4.

No. 31-058, Supervisory Computer Specialist, DP-334-3/4, Code 3142 - This position is that of Head, AV-8B Avionics and Weapons Integration Branch, System Integration and Evaluation Division, Aircraft Weapons Integration Department. The AV-8B Avionics and Weapons Integration Branch is responsible for hardware and software engineering, avionics and weapons integration, and tests for subsystems used in support of the AV-8B aircraft. Job Relevant Criteria: Knowledge of weapons systems including, system design, operational software development, testing and analysis techniques and test and evaluation procedures; knowledge of aircraft systems including avionics and the systems engineering process; knowledge of affirmative action principles including a willingness to implement EEO practices; ability to influence and motivate others; ability to plan, organize, coordinate, and manage a technical program. The incumbent may be required to serve a one-year supervisory probationary period. The full performance level of this position is DP-4.

No. 31-059, Supervisory Computer Specialist, DP-334-3/4, Code 3144 - This position is that of Head of the F/A-18 Avionics & Weapons Integration Branch in the Systems Integration & Evaluation Division (Code 314) of the Aircraft Weapons Integration Department. The Branch is responsible for the engineering and technical support of the F/A-18 in the areas of avionics, weapons integration, navigation systems and Electronic Warfare Systems (EWS). Responsibilities include troubleshooting, test planning and implementation, verification and validation testing (V & V), and problem solving functions. Understanding of avionics and weapons system test and evaluation procedures is desirable. Job Relevant Criteria: Knowledge of aircraft systems including avionics and the systems engineering process; knowledge of affirmative action principles including a willingness to implement EEO practices; ability to influence and motivate others. The incumbent may be required to serve a one-year supervisory probationary period. The full performance level of this position is DP-4.

No. 31-060, Supervisory Electronics Technician, DP-856-3/4, Code 3144 - This position is that of Head of the F/A-18 Avionics & Weapons Integration Branch in the Systems Integration & Evaluation Division (Code 314) of the Aircraft Weapons Integration Department. The Branch is responsible for the engineering and technical support of the F/A-18 in the areas of avionics, weapons integration, navigation systems and Electronic Warfare Systems (EWS). Responsibilities include troubleshooting, test planning and implementation, verification and validation testing (V & V), and problem solving functions. Understanding of avionics and weapons system test and evaluation procedures is desirable. Job Relevant Criteria: Knowledge of weapon systems including system design, operational software development, testing and analysis techniques and test and evaluation procedures; knowledge of aircraft systems including avionics and the systems engineering process; knowledge of affirmative action principles including a willingness to implement EEO practices; ability to influence and motivate others. The incumbent may be required to serve a one-year supervisory probationary period. The full performance level of this position is DP-4.

No. 32-008, Munitions Destroyer, WG-6505-7, Code 3266 - This position is in the Ordnance Logistics Branch, Conventional Weapons Division, Ordnance Systems Department. Major tasks of this position are handling of all unit operations required for disposal, handling, and transporting of many types of explosives, ammunition and toxic chemicals by burning or detonation. (Continued on Page 15)

**AIM-9R seeker wins award for top team**

(Continued from Page 1)

the eight NWC employees were recognized for "the outstanding dedication and teamwork... resulting in a seeker that has endured more than a hundred hours of captive flight testing and performed flawlessly in three live firings."

The letter went on to say, "The AIM-9R, although a member of the Sidewinder family, is a completely new design which makes use of the new technology of focal plane arrays. This allows the 9R to discriminate targets from background and reject countermeasures. Also, previous Sidewinders were based on free spinning gyros, while the AIM-

9R utilizes a rate-stabilized platform. This new approach invalidated previous Sidewinder experience and necessitated the development of a new experience base."

Contributions by the eight China Lakers to development of the world's first imaging air-to-air seeker brought congratulations for professionalism and dedication at the end of the ceremony.

"This is a great opportunity to thank you for your outstanding work," commented Capt. Cook as he made the presentations. He added it was also very appropriate timing, since the third successful live firing was just recently completed.

**New overseas allowance**

Service members get housekeeping set-up cash

A new allowance for overseas-bound service members who will live in off-base housing goes into effect Sept. 1.

The move-in housing allowance has three elements that can reimburse service members for some of the costs to set up housekeeping in foreign rental housing, said Navy Capt. Dick Tangeman, director of DoD's Per Diem, Travel and Transportation Allowance Committee.

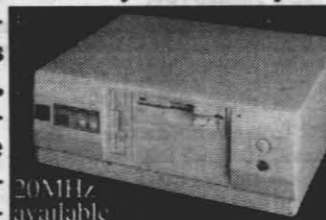
Service members eligible for overseas housing allowance who will live in economy housing will benefit from the miscellaneous portion of the move-in housing allowance. "People are reimbursed for the average cost of making homes ready -- buying essential fixtures to make their home habitable," Tangeman said.

"This allowance can give them -- up front -- a few hundred dollars to more than \$1,000 to cover expenses, depending on the assignment area and what's generally available in rental dwellings," he said. Service members moving into off-base homes often find they must purchase such things as light fixtures, closets, refrigerators, stoves and kitchen cabinets.

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are wonderful, and that afghan is too beautiful to spend its entire life in obscurity, show them all off at the Desert Empire Fair! Don't hesitate this year. Entry deadlines are nearly here. Check the 1990 Premium Book for exact deadlines or call the Fair Office at 375-8000.

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# Clean-up targets workplace environment

(Continued from Page 1) waste collection day from 8 a.m. to noon on Sept. 29 in the west parking lot of Building 981.

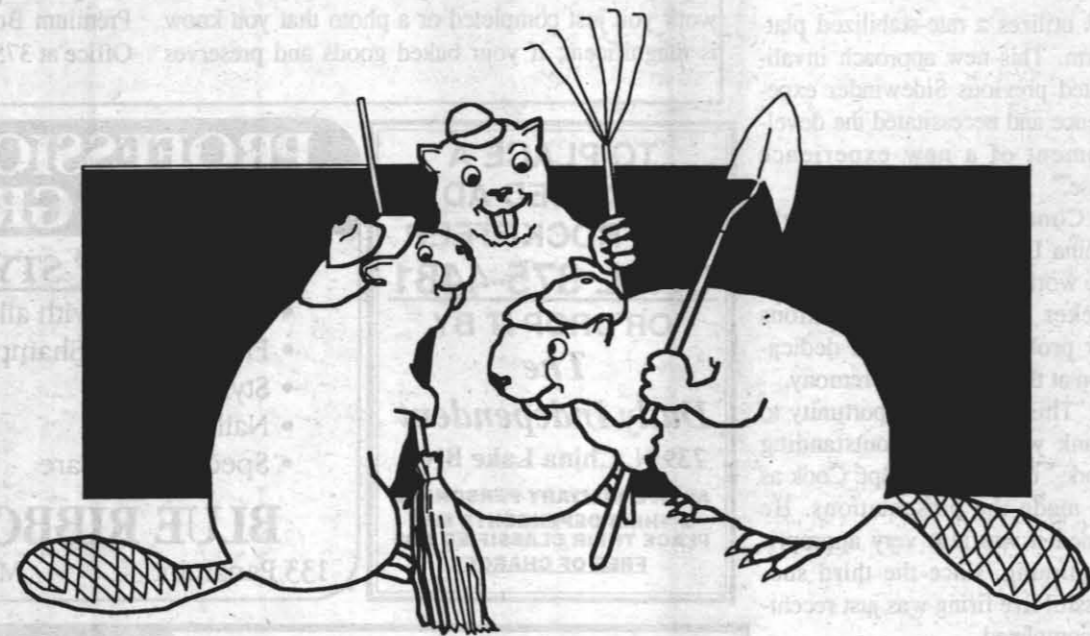
At this time Center residents can bring household products containing toxic chemicals such as pesticides, paints, solvents, auto care products and household cleaners.

Residents are asked not to bring explosive or radioactive materials or wastes generated from work operations.

As was the case in the spring, NWC offices can undertake projects that Public Works simply can't get to because of money and manpower constraints. Dominguez stressed these projects have no adverse impact at all on the Public Works crews, since there are more requirements for work on Center facilities than can possibly be accomplished.

"This is in the true spirit of Total Quality Management (TQM)," said Dominguez. "We're trying to be innovative in sup-

porting the customer. This is just one more way to meet the needs from the spring effort. This time, offices will get work requests them out, forward them through the department contact to



## SELF HELP PROGRAM

of our customers," he added. The procedure is streamlined from from their department point of contact or Dominguez, fill Dominguez who will determine which can be reasonably accom-

plished in a four hour time span.

Dominguez noted heavy construction, electrical and plumbing work are not part of the self-help effort because of special skills required.

Some of the other jobs seen as potential self-help projects include installing carpet tiles, small landscaping that does not increase maintenance needs, weather stripping doors and windows, building stepping-stone sidewalks, installing window blinds, replacing floor tiles and installing folding doors.

Dominguez will soon move to 614 Bowen to establish NWC's permanent Self-Help Office as well as coordinate these clean-up, fix-up days.

For additional information on the NWC Fall Clean-up employees should talk to their department representative, watch the *Rocketeer* for details or call Dominguez at NWC ext. 3411/284.

# ACS gives BHS student chemistry research grant

Rose Gregory, a senior at Burroughs High School, is the first Mojave Desert Region recipient of a \$1000 grant from the American Chemical Society's (ACS) Project SEED to perform research in a chemical laboratory.

The SEED (Summer Educational Experience for the Disadvantaged) program provides a grant to an economically disadvantaged student to participate in summer research at a college, university, government or industrial laboratory. The purpose of the program is to emphasize career development and to motivate students to pursue higher education in the sciences. "We want to encourage bright students who may not think they have an opportunity. We're trying to get them involved in research so they will go on to college," said Robert Gedridge, local ACS chairman.

To qualify for the grant students must be economically disadvantaged, be within commuting distance of the facility, be a junior or senior in high school and have completed a year of chemistry. "We would like to encourage more students and scientists to get involved with Project SEED," said Gregory, first place winner in the local ACS science fair competition.

direction of Eric Erickson, an employee of the Chemistry Division in the Naval Weapons Center's Research Department and local ACS treasurer, to develop strategies for the analysis of propellants and nitramines by high performance liquid chromatography with electrochemical detection.

This year is the first year the Mojave Desert Section has been involved with Project SEED. To apply for the program Erikson submitted a project proposal to

the local ACS section which was then submitted to the national ACS office in Washinton, D.C. for approval.

Project SEED funds come from donations from ACS members, ACS sections and the chemical industry.

Gregory was nominated to do research with Project SEED by Beverly Hill, biology teacher at Burroughs High School, and Peter Babcock, chemistry teacher at Burroughs High School. She was selected by a committee con-

sisting of officers from the local ACS section and Burroughs High School teachers, with final approval from the Project SEED office.

Although ACS provides no monetary compensation for the researchers who work with SEED students, Erickson feels the pro-

gram is worth the extra effort. "This program offers students the unique opportunity to perform useful research in an active laboratory while giving the scientist the chance to conduct research in an area where funds or manpower are in short supply," said Erickson. by Erin Strand

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# Nice weather, good fishing in high Sierra

Thundershowers have vanished, but the mosquito problems remains for anglers in the eastern Sierra region. While suntan lotion can now replace rain hats for most areas of the Sierra, mosquito repellent remains a necessity as good weather and pleasant temperatures is bringing the critters out in force.

Nonetheless, fishing remains good, but not great from Lone Pine Creek to the Walker River country.

Around Lone Pine, Independence and Big Pine, creek fishing is good only for the first couple of days after the streams are stocked with catchable rainbow trout by the Department of Fish and Game. The Owens River near Big Pine is low, but trout can be caught anglers fishing in the evening with crickets.

South Lake, west of Bishop, is now being stocked for the first time this season. Low water level have kept fish and game from planting trout before now. Heavy planting is expected for the remainder of the 1990 season as DFG looks to use its full allotment of fish for this lake. Boat

rentals are also now available at South Lake.

Lake Sabrina and North Lake, also west of Bishop, continue to be good spots for visiting anglers. At Sabrina, shore fishing is best near the inlet. Trollers can try working close to shore, not too deep (about 3 colors) with a Dave Davis. Fly fishing is good early in the day or after the sun sinks behind the mountain peak.

North Lake is giving up the most and biggest fish to anglers using the bubble/fly combo and fishing late in the day.

Avoid Pleasant Valley Reservoir in mid-summer it's a hot place and not much luck is being had by anyone.

New rules for Crowley Lake took force on August 1. There is now a two-trout

maximum and each fish must be a minimum of 18-inches long. Only artificial lures are allowed and anglers must use barbless hooks.

Big trout were still being taken at Crowley up until the annual change is rules. Charlie from Crowley Lake Boat Landing, says anglers are taking two to three pound fish, both fishing from shore with Powerbait or nightcrawlers and trollers using flashers with nightcrawlers or a Dave Davis at three colors down. Hilton and McGee bays are considered good areas. Sacramento Perch fishing is not yet good at Crowley.

Mammoth Lakes area offers something for almost every kind of fisherman. Shore fishing with Powerbait is good at Lake Mary, Twin Lakes and Lake Mamie. The fly and bubble combo is working well at Lake George for shore fishing. Trollers will find good action with flashers and worms in Lake Mary. Mammoth Creek trout are hitting worms, salmon eggs or crickets. In the San Joaquin River, bring crickets or flies and of mosquito repellent.

Small lures work well in backcountry lakes, but once again the mosquitoes may carry away small anglers who forget the bug repellent.

Fly fishing with a California Mosquito is the ticket for limits of trout on Rush Creek below Grant Lake near the June Lake Loop. All lakes on the loop report good fishing, even in Grant Lake is very low. Powerbait, worms or marshmallows are tops for shore-based anglers. Trollers will want to go three to four colors deep early in the day.

In the Bridgeport area, Virginia Lakes are being stocked with brood stock trout up to five pounds in size. Twin Lakes are good for anglers with Powerbait from the shore of trollers using a Dave Davis about four colors down.

The West Walker River is improving after the end to stormy weather that left the river muddy. Panther Martinfishgignb lures are hot on this stretch of water now with brown trout more than three pounds being taken. Skip the East Walker River for the time being.



## State DFG fills most deer zone quotas

Big game drawings were recently held by the Department of Fish and Game in Sacramento. A number of special hunts and some X zones remain available and none of the high-hunter quota B and D zones were filled completely. The state's coastal A zone has no hunter quotas.

As of July 10, X zone deer hunting tags still available include 1,809 for X1 (8,500 hunter quota), 6,224 for X11 Period 1 (8,500 quota), 6,676 for X11 Period 2 (8,500 quota) and 1,162 for X9b (2,500 quota).

Additional deer hunting opportunities not filled at the public drawing include 872 tags available for the S1 San Diego Archery Either Sex Deer Hunt (1,000 quota), 1,398 tags left for the S2 Los Angeles Archery Either Sex Deer Hunt (2,000 quota), 477 tags for the S7 Monterey Archery Either Sex Deer Hunt (600 quota), 76 tags for the S8 Monterey Private Lands Antlerless Deer Hunt (200 quota), 16 tags for the S9 Tenaja Antlerless Deer Hunter (100 quota) and 297 tags remaining for the S29 Santa Cataline Archery

Either Sex Deer Hunter (300 quota). These figures from Fish and Game were accurate as of July 10.

Unsuccessful applicants will soon receive notification and will be eligible to apply for remaining unfilled hunts.

Tags for X zones and S hunts still available are being issued on a first-come, first-served basis only through the DFG's License and Revenue Branch in Sacramento. All other tags may be picked up at the counters of DFG regional offices.

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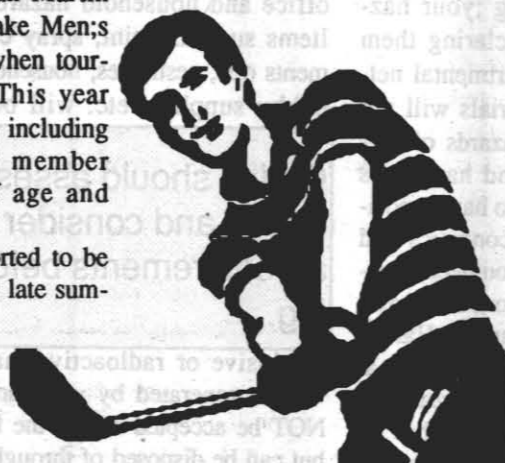
# Geiger grabs junior title

Jacob Gieger captured the 1990 junior club title last week, edging Will Freeman for the championship in match play at the China Lake Golf Course. The junior champ emerged as the best of 14 young golfers (under the age of 18) during the tournament.

He shot a qualifying round of 75 to get into the tourney, then won all three matches to cop the title. Freeman was second while Shann Hamilton grabbed third place and Rick Zeiler won the fourth place trophy.

This weekend, Dan Martin defends his China Lake Men's Club championship when tourney play resumes. This year there are four flights, including a senior flight for member golfers 50 years of age and older.

The course is reported to be in great shape for this late summer tournament.



# New soccer season soon

Youth league registration, evaluation sessions planned during August

Youth Fall Soccer '90 begins at the Naval Weapons Center on Sept. 22 and ends Nov. 17. Children 5 years old to age 14 are eligible to play.

Active duty military personnel can register their dependents from Aug. 1-6, with DoD personnel registering their dependents from Aug. 9-14. All others will register from Aug. 15-17.

In an effort to try to make each team as equal as possible, players 7 years and older must be evaluated. Evaluations will be held at Schoeffel Soccer Field from 5 to 7 p.m. Evaluations for 7-8 year olds will be held Monday, Aug. 20; 9-10 year olds on Tuesday, Aug. 21; and 11-14 year olds on Wednesday, Aug. 22.

Coaches are always needed. Any adult who would like to help coach one of the youth soccer teams should attend the coaches' meeting set for 5 p.m. on Sept. 4 at the NWC Youth Center.

People who would like to referee the games should attend the referees' meeting set for 5 p.m. on Thursday, Sept. 6, at the Youth Center.

Fees for the fall season are as follows:

- E1-E3 -- \$18 for the first child, \$16 for the second.
- E4-E6 -- \$19 for the first child, \$17 for the second.
- E7-E9 -- \$20 for the first child, \$18 for the second.
- O1-O3 -- \$21 for the first child, \$19 for the second.
- O4-O5 -- \$22 for the first child, \$20 for the second.
- DoD -- \$23 for the first child, \$21 for the second.
- O6 & above, Dept. Heads -- \$24 for the first child, \$22 for the second.
- All others -- \$25 for the first child, \$23 for the second.

Please note: each player must have a reversible, yellow and blue, t-shirt. For those who do not have one from a previous soccer season, the cost is \$10.

For additional information, call NWC ext. 2909 or 3097.

# Isabella race challenges athlete

Applications are being accepted for the upcoming Dam Tough Run at Lake Isabella. Runners can choose being part of the relay race, consisting of four legs, or run the entire 38.6 miles as an ultramarathon. Scheduled for Sunday, Sept. 30, the 6th Annual Dam Tough Run is sponsored by the Lake Isabella Chamber of Commerce.

Early registration fees are \$20 for ultramarathoners and \$64 for relay teams. After Sept. 22, registration fees increase to \$30 per ultra and \$80 per relay team. Each participant will receive a distinctive, high-quality t-shirt upon registration.

The races, starting at 7 a.m., begin at Kern Valley Vets Hall/Senior Center, proceeds across the Auxiliary Dam, counter-clockwise around Isabella Lake, returning to the community of Lake Isabella and ending at Lake Isabella Park. This is a new location for the finish line. Aid stations will be available every three miles to mile 19, more frequently thereafter.

The entire course will be monitored by the Amateur Radio Club of the Kern River Valley. Relay awards will be given in three divisions and seven age groups. Ultramarathoners first to third place awards will be given in six age groups -- 19 and under; 20-29; 30-39; 40-49; 50-59 and 60 and over.

# Training starts for October

Staff from Morale, Welfare & Recreation's Sports Branch reminds triathlon participants that the 1990 Mini-Triathlon is scheduled for Oct. 13. Now is the time to start planning as well as training.

# MWR sets Fall sports program

Fall is just around the corner and with the cooling weather, comes football and other Fall sports. Plans are already underway at the Morale, Welfare & Recreation Sports Branch to organize an Intramural Football League and a Fall Intramural Softball League.

On Thursday, Aug. 16, an Intramural Flag Football organization meeting will be held at the MWR Conference Room starting at 4:30 p.m. Any military or DoD personnel who are interested in starting or playing in an intramural flag football team should attend.

Due to the continued closure of the NWC Gymnasium, the Fall Volleyball and Basketball leagues will not be organized this year, however, the Sports Branch offers a Fall Intramural Softball League.

On Friday, Aug. 17, an Intramural Fall Softball organization meeting will be held at the MWR Conference Room, also starting at 4:30 p.m. Any military or DoD personnel who would like to start or play an intramural softball team needs to be at this meeting.



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# Congress mandates changes

(Continued from Page 4)

must be remedied immediately; others within 90 days. Centers that don't remedy a violation within the stipulated time frame may be closed.

To ensure child safety and prevent abuse, the legislation calls for the creation of a child abuse prevention task force. An existing DoD task force will carry out the bill's mandate to respond to any allegations of widespread child abuse (i.e., multi-victim cases) at a military installation, assist the installation's commander and help parents deal with such allegations if they should occur. A DoD-wide "hotline" has been established for person's to report suspected child abuse or safety violations. The hotline number is 1-800-336-4592.

Parent participation is an integral part of any quality child care program. The bill calls for each child development center to establish a parent board and involve parents in the program. This board is to meet periodically with staff, caregivers, and the base commander to discuss problems and concerns. The NWC Children's Centers Advisory Council has met twice already and is working on various issues of interest to parents and children.

The act also mandates a child development center fee structure, based on total family adjusted gross income, be developed and adopted DoD-wide. The following fee scale is planned to become effective 27 August 1990:

Family Annual Income (Total Adjusted Gross)	Full Time Weekly Fee Range (Per Child)
\$0--27,000	\$31--41
\$27,001--42,000	\$42--52
\$42,001--59,000	\$53--63
Over 59,001	\$64--74

Total family income will be verified annually using adjusted gross income as reported on the most recent federal income tax return. Parents not wanting to disclose family income will be charged the highest rate.

Lastly, child care programs are encouraged to seek Accreditation from the National Academy of Early Childhood Programs. NAEYC accreditation is an indication that a center has undergone a thorough analysis of its operation--everything from curriculum to administration--and been approved as a quality program. Of the four military child care program currently accredited, NWC was the first, and all four are Navy Child Development Programs. By June 1991, Navy is required to have five additional centers accredited.

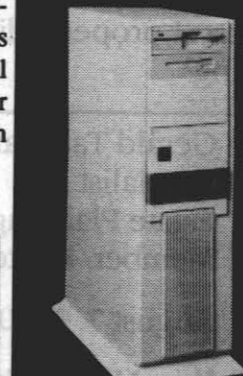
All elements of the Military Child Care Act have a single purpose in mind: to provide members of the Armed Forces with the highest quality of child care services available. When the legislation is fully implemented, Navy personnel, as well as personnel from the other services, may have greater access to high quality child care for some time. Unfortunately, due to the increase in operating expenses incurred as a direct result of this legislation, the Children's Center's plans to expand the availability of child care spaces has been postponed indefinitely. Although the potential for expansion still exists, it cannot be accomplished without additional appropriations.

We realize and regret this program as a congressionally mandated requirement will result in a significant increase in child care costs to some individuals at the Naval Weapons Center. The Commander will address these concerns with the appropriate authority.

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# Hazardous material, waste education still needed

(Continued from Page 1)

housed in unopened, undamaged containers are considered for resale. Shelf life considerations are also a determining factor. Hazardous materials with an expired shelf life of less than two years can be resold; items with expired shelf lives greater than two years must be classified and disposed of as hazardous waste.

The third way to reclaim hazardous wastes, preventing high disposal fees and lessening the negative impact on the environment, is through hazardous waste recycling. Last year, NWC recycled 69,000 pounds of batteries. There are currently in place programs to recycle different solvents generated by NWC work areas. One such program which complies with the hazardous waste minimization directive required by OPNAVINST 4110.2, involves the recycling of Safety Kleen Solvent. The service contract specifies that the manufacturer will pick up and recycle the

Some waste can be reused, for example JP-4 and JP-5 are being used to heat schools in Oregon.

"spent" solvent.

Other innovative ways to recycle hazardous wastes include burning flammable liquids for their heat value in boilers or cement kilns certified for hazardous waste incineration at approved California sites. Currently, some of the waste oils generated by NWC, including JP-4 and JP-5 fuels, are being used by an Oregon school district to heat their schools. Even the original containers used to house the materials; the cans, drums, and bottles are being crushed and recycled by some service contractors.

Despite these varied efforts by the Environmental Division toward hazardous waste minimization, hazardous waste generation and disposal costs at NWC continue to grow. What are the contributing factors?

According to John Salter, Head of the Hazardous Waste Operations Section, NWC will spend over \$900,000 this year to dispose of our hazardous wastes. Approximately 20% of this cost is legitimate; used toward the disposal of "spent" hazardous materials. The remaining 80% of the disposal fees will be used to rid the base of unused or "virgin"

items. Virgin hazardous materials are new items ordered for scheduled jobs or projects that were later canceled. Also included in this category are items ordered in excess out of which only small amounts were used. For instance, that 1/2 full pint can of varnish; those once used spray paint cans; the opened, mixed but never used latex paint; the never used but long expired epoxies and adhesives; the 55 gallon drum of 1,1,1 trichloroethane out of which 1 liter was used; and acetone ordered and stored on pallets out in the desert.

According to Salter, there are some hazardous wastes that are particularly difficult to dispose. "Odd ball" or exotic compressed gases; averaging approximately \$1,000 per cylinder to package, transport, and dispose of at an approved site; are among the most costly items. Recently, it cost NWC \$55,000 to dispose of some long time resident compressed gas cylinders. Included on the hazardous waste "hit list" are solvents such as trichloroethylene and methyl ethyl ketone, hazardous materials containing chlorofluorocarbons and resins, epoxies, and adhesives.

What is the fate of these materials as they leave NWC? Out of sight, out of mind? Once a hazardous material is ordered by an NWC employee which generated a hazardous waste end product, it is our responsibility forever. Many hazardous materials are first treated or neutralized before being repackaged and taken to an

Once NWC produces a hazardous waste it remains responsible for it even years after legal disposal

approved landfill. Finding a viable landfill or disposal site, which will take our wastes, is one of our biggest problems. The state of California has approved hazardous waste disposal sites but they are very restrictive. For this reason, most of what we generated is shipped to the east coast for disposal. Disposal sites at this distance from NWC contribute to high disposal costs.

Although federal and state governments control how hazardous wastes will be shipped and their methods of disposal; there are no legal requirements designating what the disposal sites will take off our hands. Most disposal sites are privately owned, and as

such, can be discriminatory as to what they will and will not accept. If considered too risky, a disposal site may not accept our wastes.

Even after hazardous waste items have been legally treated, repackaged, shipped, and disposed of at an approved site; it is still ours. If disposal sites go bad and our hazardous waste is buried at that site, NWC is responsible for paying for a percentage of the clean up of that site.

In an effort toward spending our money more wisely and generating less hazardous waste requiring disposal, consideration should be given to minimizing hazardous waste generation. There are many things you can do to minimize the amount of hazardous waste generated at NWC. First, all hazardous materials acquisitions should be carefully considered prior to purchase. Pre-plan what you need. Order only the smallest amount needed in smallest unit possible.

Second, make sure you have

an acceptable storage facility to preserve the integrity of your product before you purchase hazardous materials. Is it protected

Original labels are important on hazardous materials since steep fees are charged unknowns.

from heat and sunlight? Will the product be functional stored in the available facility? Is the integrity of the label maintained throughout the lifecycle of the material? Additional disposal fees are incurred (as much as \$800/item) if unidentified or unknown hazardous wastes are turned in for disposal.

Third, USE the material you buy. And use them in a timely manner. Don't buy a large quantity of hazardous materials because it's a bargain or on sale unless you plan on using it within six months. Most chemicals

(Continued on Page 11)

# Multi-step approach to hazardous wastes

(Continued from Page 10)

bought because of "great deals" end up costing the Center exorbitant disposal fees. The disposal fee usually increases the longer the items remain unused on Center. Check the expiration dates on your hazardous materials items; if you can't use them; dispose of them BEFORE they are over 2 years old. NWC can reclaim 100% of the resale value if sold within this time limit.

Fourth; substitute, where feasible, less hazardous materials or materials which

Consider sharing unused hazardous material before deciding it is a waste product.

will result in non-hazardous wastes or can be treated to non-hazardous wastes. The Environmental Division (Code 26611) and Safety Program Office (Code 2405) can provide assistance in the selection of possible alternative products.

Finally, consider sharing your hazardous materials before declaring them hazardous wastes. Interdepartmental networking of hazardous materials will not only reduce the potential hazards of surplus hazardous materials and hazardous wastes on Center, but will also have a positive influence in terms of economics and purchasing time savings. If you need assistance in finding out which work area has a particular chemical, call Pamela Harris, Hazardous Materials Control Manager, at extension 2315. If you have hazardous materials that are still functional, but no longer of use to you, call work areas which you think could use these materials. John Salter (Code 26611), extension 3411 (320) and Pamela Harris (Code 26611), extension 2362 can also be of assistance in guiding you to work areas which could utilize your chemicals.

On 29 September 1990, NWC's Hazardous Waste Management Section (Code 26611) will be providing a one day special disposal process for NWC work areas and on-Center households to get rid of surplus

office and household hazardous waste. Items such as paint, spray cans, instruments oils, pesticides, household cleaners, hobby supplies, etc. will be accepted.

Codes should assess needs and consider disposal requirements before buying.

Explosive or radioactive materials and wastes generated by work activities will NOT be accepted during the fall clean-up but can be disposed of through the regular manifesting process. For more information concerning the hazardous waste fall clean-up, please check future issues of the Rocketeer and NWC Announcements.

Each work area should assess their hazardous materials needs and weigh the ultimate disposal costs of these items as a result of excessive accumulation or improper storage. If NWC employees do not take more up front responsibility for controlling the hazardous wastes they gen-

erate, they may get a surprise the next time they submit a stub to purchase hazardous materials. It is being considered that work areas be charged a surcharge, up front, to handle the increasing costs of hazardous waste disposal.

Hazardous waste minimization is a team effort. Carefully preplan hazardous materials needed to carry out your mission. Look to see what you already have on hand before you buy more. Make sure your hazardous materials storage facilities are

Team effort is required to cut amount of hazardous waste generated here.

adequate for maintaining the integrity of your products.

And contact the Safety Program Office and Environmental Divisions to obtain guidance for alternative products, hazardous materials sharing information, and the correct procedure for handling the hazardous wastes you will create...BEFORE you make that purchase.

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**DARE GRADS--**  
The NWC Youth Center celebrated the end of the summer DARE Program with a graduation ceremony for all the kids, and teachers, who took part this year.

## VFW leaders plan official visit to area

Veterans of Foreign Wars Department Commander, Ernie Blodgett, and Department President, Mary Bellon, will be hosted by the 10th District VFW which includes Lloyd E. Frost Shop 4084 in Ridgecrest. The official visitation is set for August 10-12 at Lake Isabella Post home. For additional information on this visit by the department commander and department president, call 379-3877.

## CHAMPUS advises dependents always try military facility first

Always try to get health care from a uniformed service hospital or clinic before using CHAMPUS--this can save money and paperwork. Check with a Health Benefits Advisor (HBA) to find out if the service hospital can meet the patient's needs.

Even if the nearest military hospital is miles away, it can still cost less to get care at one. This is especially true for expensive major procedures. Transportation to the hospital could be less than the CHAMPUS cost-share. In some cases, the military may be

able to help with transportation. Check with your HBA. Outpatient care from a military hospital is free. For inpatient

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