

Boo villain, cheer hero

Melodrama in Randsburg

Everyone who likes to cheer the hero and boo the villain in a melodrama is invited to attend the Rand Mountain Players production of "Who Owns the Owl Saloon?"

The play will be presented three times — on Friday and Saturday, August 2 and 3, in a dinner theater production, and the third time as a matinee on Sunday. All three productions will be at the White House Saloon in Randsburg, with the evening din-

ner theater productions beginning at 6:30, and the matinee at 2:30.

The melodrama is set in the early 1900s, with Fifi Du Jour and Luscious Lucille ("working ladies") trying to save themselves and Sweet Sally Divine and the Owl Saloon from the evil villain, Crafton Riles of the Crafty Mining Company.

Riles gets help from the bungling B. L. Bumble of the BLM. The play is based on "true rumors" surrounding the Owl Saloon, which was considered to be one of the finest "fancy houses" in California during early days in the Rand Mining District.

Price of tickets for the dinner theater (the dinner being a Western barbecue) is \$10.95; for the matinee, tickets are \$4 for adults and \$3 for children under the age of 12.

Reservations are mandatory because only 50 can be seated. Reservations can be made by telephoning (619) 374-2418 between 10 a.m. and 5 p.m. Wednesdays through Sundays.



RAND MINING DISTRICT "LADIES" — Fifi Du Jour (locally known as Elena Vitale) and Luscious Lucille (Doris Rankin) star in the melodrama production of "Who Owns the Owl Saloon?" to be seen on stage at the White House Saloon in Randsburg Aug. 2 and 3.

**Movies**

FRIDAY, MONDAY	JULY 26, 29
"AMADEUS"	
Starring E. Murray Abraham and Tom Hulce (Biographical-Drama, Rated PG, 160 min.)	
SATURDAY, SUNDAY	JULY 27, 28
"BABY, THE SECRET OF THE LOST LEGEND"	
Starring William Katt and Sean Young (Fantasy-Adventure, Rated PG, 93 min.)	
TUESDAY	JULY 30
"1001 RABBIT TALES"	
(Matinee) Voices by Mel Blanc and Sheb Menken (Animation, Rated G, 74 min.)	
WEDNESDAY	JULY 31
"ROPE"	
Starring James Stewart and John Dall (Mystery-Drama, Rated PG, 81 min.)	
THURSDAY	AUG. 1
"TRON"	
(Matinee) Starring Jeff Bridges and Bruce Boxleitner (Science Fiction, Rated PG, 96 min.)	
FRIDAY	AUG. 2
"STICK"	
Starring Burt Reynolds and Candice Bergen (Drama, Rated R, 109 min.)	
Starting Times: Matinee / 2:00 pm. Evening / 7:00 pm. Box Office Open: Matinee / 1:30 pm. Evening / 6:30 pm.	
(G) ALL AGES ADMITTED General Audiences (PG) ALL AGES ADMITTED Parental Guidance Suggested (R) RESTRICTED Under 17 Requires Accompanying Parent or Adult Guardian	

Barbecue, bake sale sponsored by BOSS slated for tomorrow

Chicken, ribs or a combination of both will be available tomorrow at a barbecue sponsored by the Black Original Social Society (B.O.S.S.)

Beginning at 11 a.m., the barbecue will continue until the food is sold out. Cost per dish is \$4 for chicken, \$4.50 for ribs, and \$5 for the combination plate.

In addition to the barbecue, B.O.S.S. is sponsoring a bake sale of home made delicious goodies.

Location for both the barbecue and bakesale is the Winston Lodge at 1431 N. Downs St.

For more information, contact Juanita Martin at 446-2003.

Dinner, program for IWW After 5 set for Monday

Theme of a dinner meeting of the New Indian Wells Valley After 5 Club to be held on Monday, July 29, is "The New You."

The organization, will hold its meeting from 7 to 9 p.m. at Le Parc restaurant in Ridgecrest.

Cost of the dinner is \$8.75. Reservations are required and may be made by telephoning Alice at 375-3433 or Cathy at 375-7108. All interested persons are invited to attend.

New services, sales at NEX

Services now available at the Navy Exchange include monogramming in personalized services. The mid-summer sale is now in progress.

New arrivals at the NEX include television sets, washers, dryers, refrigerators, and dishwashers; these may be ordered through customer service.

With school term approaching, the NEX 'Back to School' sale will begin July 30 and continue through Aug. 11.

Also beginning July 30 is a sidewalk sale featuring laser art and cold iron brass. These vendors will be here until Aug. 3.

Cerro Coso registration begins

Cerro Coso Community College president, Dr. Raymond A. McCue, announced the registration schedule for the upcoming fall 1985 semester.

Registration for continuing students will be held August 7 and 8 from 10 a.m. to 7 p.m., by appointment only. New and con-

tinuing students may register August 12 through 15, Monday through Thursday from 10 a.m. to 7 p.m., by appointment only.

To make a registration appointment, students may call 375-5001, Monday through Thursday from 9 a.m. to 5:30 p.m.

Students requiring placement exams or a counseling appointment regarding academic schedules should contact the Student Services Center at 375-5001, extension 219, prior to their registration appointment.

For enrollment in English and Office Careers courses, students must obtain placement cards from the Student Services Center prior to reporting for their registration appointment.

The many courses offered by Cerro Coso cover a comprehensive, full spectrum of lower division college programs.

Fall semester classes begin August 19 and conclude December 20.

For further information on Veterans Affairs, Financial Aid, Placement Exams or a copy of the fall schedule of classes call the Cerro Coso Office at 375-5001.

U.S. Government Printing Office: 1985 - No. 20014

FROM: \_\_\_\_\_

PLACE STAMP HERE

TO: \_\_\_\_\_

Exercise caution when in potentially hazardous fire areas

The rash of fires in Southern California emphasizes the danger to forest and grasslands due to high temperatures and low humidity. Because of the potential for fire, portions of both the Sierra and Sequoia National Forests have been placed under Stage I Fire Restrictions.

Stage I restrictions prohibit building, maintaining, attending or using a fire, campfire, or stove fire except a portable stove using gas, jellied petroleum or pressurized liquid fuel outside of a developed recreation site.

Smoking is forbidden, except within an enclosed vehicle or building or at a developed recreation site.

Welding or operating an acetylene or other torch with an open flame is forbidden except by permit.

Using or causing to be used an explosive is also forbidden except by permit.

Maps showing applicable areas can be obtained at Sequoia or Sierra National Forest offices or ranger stations.

Woodcutters should continue to contact ranger stations or national forest offices because cutting may be limited or prohibited because of daily weather conditions.

**Weather Report**

	Max.	Min.	Peak Gust
Fri.	90	74	20
Sat.	99	73	27
Sun.	101	68	21
Mon.	103	66	24
Tues.	105	63	17
Wed.	106	66	15
Thurs.	106	72	22

All measurements are made at Armitage Airfield.



**Weekend Roundup**

Chief Petty Officers' Club invited the public for an evening of entertainment tonight, with the band "Country Rose" playing from 8:30 to 12:30. The dinner special is prime rib served from 6-9 p.m.

The public is invited to an evening of dining and dancing at the Enlisted Mess tonight. A live D.J. will play disco music from 9 p.m. to 1 a.m. Preceding the entertainment is a dinner special of T-bone steak served from 6-9 p.m.

Tonight will be the final performance of the CLOTA production of "Once Upon a Mattress" at the Burrhoughs High School lecture center. The curtain will rise at 7:30 p.m.

The production is a musical version of the Hans Christian Anderson tale of "The Princess and the Pea," and is designed for family viewing. Tickets are \$6 for adults, with students, senior citizens and enlisted personnel being asked an admission price of \$4.

Tonight's presentation at the Sierra Summer Festival at Mammoth will be Rain's tribute to the Beatles, to be followed tomorrow night by Doc Severinsen and "Xebron" and the Mammoth Jazz Co. Nightly performances of "Fiddler on the Roof" are also being held at Mammoth High School.

Tickets can be purchased either from the Booky Joint in Minaret Village at Mammoth Village (619) 934-3240 or Recordtown USA in Bishop (619) 873-3660. Both will accept charge cards, checks or moneyorders (as well as cash), but individuals should telephone for reservations and for the cost of tickets.

China Lake's EOD Detachment earns coveted 'E'

After topping all other nominees in the Battle Efficiency Competition, Explosive Ordnance Disposal (EOD) Group One Detachment China Lake is proudly displaying an "E" signifying that they are the best det in EOD Group One.

The China Lake Detachment beat out 15 other West Coast detachments in all three categories on which they were rated — day-to-day performance, training readiness and inspections — during the July 1, 1983 through Dec. 31, 1984 time frame.

The local organization has been actively involved in research, development and improvement efforts with weapons such as Skipper, the Hellfire Missile, Harpoon, Extended Range Antiair Muniton, Phalanx, Walleye and Rockeye.

To eliminate a significant personnel hazard, detachment personnel developed procedures to use a remote mobile investigator to place an explosive charge near a dud munition, remotely initiate it, and leave the area prior to detonation.

The China Lake Detachment destroyed approximately 65,000 pounds of hazardous retrograde explosives, while maintaining a superb safety record. In addition, the unit responded to many requests from civil authorities to recover, evaluate or dispose of hazardous items from public and private property. Relationships with the civilian population have remained excellent.

In a very demanding operational readiness inspection, the Detachment received a satisfactory evaluation; in fact, the inspecting officer stated that the detachment was the best he'd seen. The detachment exhibited an extraordinary degree of EOD expertise in successfully passing every operational exercise during the inspection. No other detachment was able to match such an outstanding performance.

Enhancing the professional perseverance and the hard work of the China Lake detachment is that during this whole period of time, they had identified deficiencies in their facilities, had located new facilities, planned the renovation required and executed the relocation. The move was com-

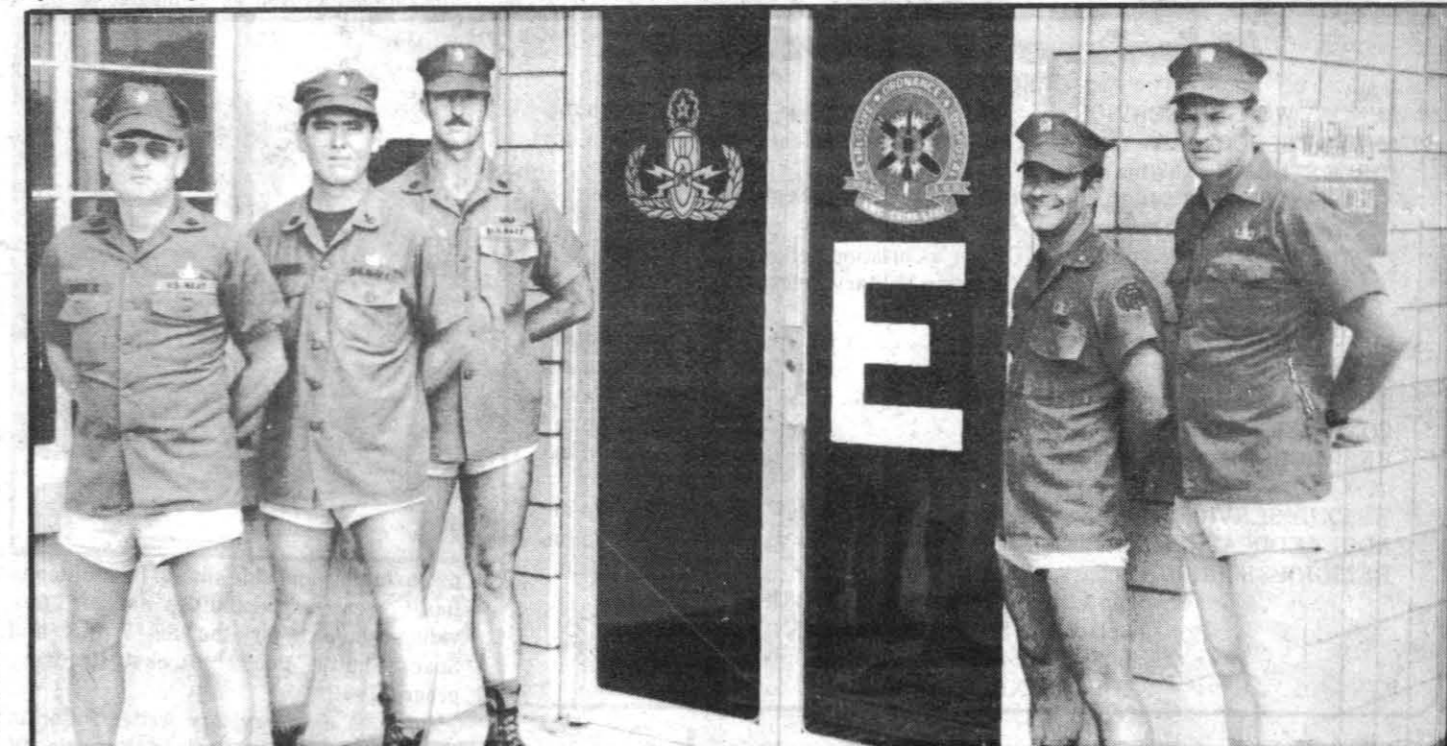
pleted while maintaining detachment readiness at a high level.

After Capt. K. A. Dickerson presents the China Lake Detachment with its award, an open house is planned so that all Center

personnel with range access will be able to visit the new facilities and inspect these, as well as meet the officers and men of this superb organization.

LCdr. Terry Briggs, Officer in Charge of

the detachment, hopes that many of the Center's personnel will respond to the invitation to the open house, whose date and time will be announced shortly.



PROUD ACQUISITION — Members of Explosive Ordnance Group One Detachment China Lake stand by the "E" that they earned in the Battle Efficiency Competition. Left to right are MMCM (DV) Terry Byer;

PNCS (DV) Sam Thompson; TMC (DV) Gary Burns; LCdr. A. N. Briggs, Officer in Charge of the Detachment; and CW03 Thomas J. Williams. The men are in authorized tropical uniforms.

Sandia, NWC host geothermal forum

The first Coso Magma Workshop, co-sponsored by Sandia National Laboratories and the Naval Weapons Center, was held recently at China Lake. Purpose of this workshop was to permit all those working in the field from Sandia, China Lake, and other government and private agencies and universities to meet each other and establish contacts.

Main thrust of the meeting attended by approximately 50 scientists was to establish a starting point for additional geophysical

work directed toward magma location and definition in the Coso region.

The magma energy concept would involve drilling a deep hole into magma or heated rock (which can reach temperatures of 1,560 to 2,000 degrees Fahrenheit), injecting water to turn it to steam and then using the steam to drive a turbine and generate electricity.

Current methods of harnessing geothermal energy tap hot water or steam at relatively shallow depths.

According to James Dunn, who heads the Geothermal Research Division at Sandia, there is little risk that a hole drilled into magma would allow the molten rock to erupt to the surface. The hole will be pressurized to prevent the magma from rising, and even if it did, it would cool and solidify before reaching the surface.

Further study of both a Long Valley site (located north of Lake Crowley) and the Coso site is ongoing.

Major step taken toward communications upgrade

Last Friday's signing of four sets of specifications and 52 drawings mark a major milestone in upgrading the Center's corporate communication systems.

Three of the specifications that address the cable, fiber, and product (system level) requirements were developed under the lead of Ed Scullin, the Fiber Optics Trunk project engineer of the Communications Development Branch. The installation specifications were developed by Code 263.

According to John LaMarr, head of the Information Systems Division of the Supply and Public Works Departments as well as his own group was required to attain such a milestone.

A Request For Proposal for the Fiber Optic Trunk System is expected to be published in the Commerce Business Daily about mid-August, with an award expected by May 1986. Since installation is expected to take 10 to 12 months, the fiber optic backbone should be installed by late spring or early summer 1987.

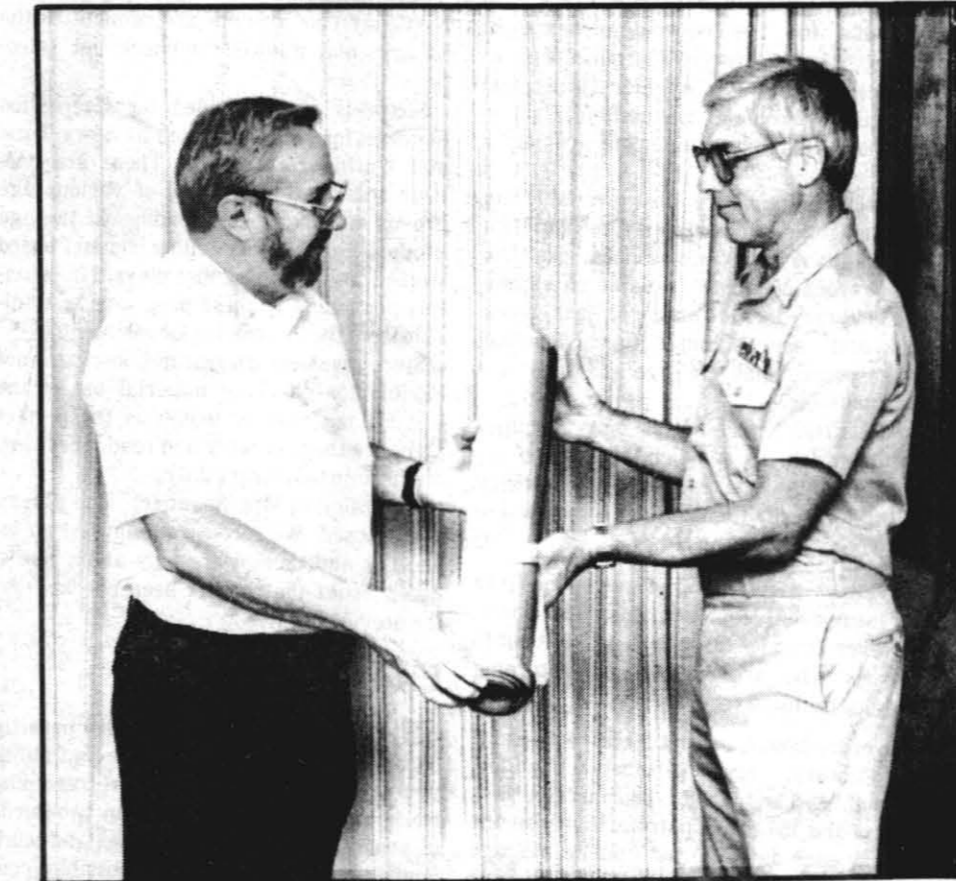
The Fiber Optic Trunk System will connect all the Center's main population areas: main site (Michelson, Lauritsen

Laboratories; SNORT; Armitage Airfield and the Range Control Center; Area "R" sites such as Thompson Aeroballistics Laboratory, T-pad, IOB, the Warhead Research Laboratory and the Earth and Planetary Sciences building; China Lake Propulsion Laboratories; Salt Wells, including the CT area and Skytop; and Echo Range.

In addition to providing a backbone trunk system, the Fiber Optic Trunk System will provide a communication path for major computing facilities on Center, Centerwide ARPANET service, and improved accessibility to corporate computing resources and data bases.

Following initial installation, branching between and within buildings in each major area will continue for local area connectivity. Such first level branching includes connecting the major computer resources near the trunk system to the trunk.

When completed, local connectivity including local area networks will provide high speed data connections between different population centers, and access to corporate computing for most computer users.



MILESTONE ACHIEVED — Edward Scullin, Fiber Optic Trunk System project engineer, hands the signed drawings for the system to Capt. Norman Hensley, Supply Officer. — Photo by PH2 Rick Moore



**Divine Services**

**PROTESTANT**  
 SUNDAY WORSHIP SERVICE 10 a.m.  
 SUNDAY SCHOOL (Annexes 1, 2 and 4) September thru June 8:30 a.m.  
 BIBLE STUDY (East Wing)  
 Tuesday 7:30 p.m. (Nursery provided) September thru June  
 Wednesday 11:30 a.m. September thru June  
 Thursday 7 p.m. Officer's Christian Fellowship  
 Christian Military Fellowship

**ROMAN CATHOLIC**  
 SUNDAY MASS 8:30 a.m.  
 COMMUNION SERVICE (Monday) 11:35 a.m.  
 DAILY MASS (Tuesday through Friday) 11:35 a.m.  
 CONFESSIONS (Friday) 4:30-5 p.m.  
 RELIGIOUS EDUCATION CLASSES (Sunday) September thru June 10 a.m.

**JEWISH**  
 WEEKLY SERVICES (Friday, East Wing) 7:30 p.m.  
 ADULT EDUCATION (Saturdays, Annex 4) 9 a.m.  
 RELIGIOUS SCHOOL (Sundays, Annex 95) 9 a.m.  
 Chaplain J. Milton Collins, Capt., CHC, USN  
 Chaplain A. J. Smith, Cdr., CHC, USN  
 Chaplain Jason E. Knott, Lt., CHC, USN  
 Phone, NWC ext. 3506, 3507

**Employees in the Spotlight**

**Dunkers are where they want to be in terms of both their jobs**

Both John and Sue Dunker are right where they want to be in terms of the jobs they hold. Says Sue of her position as a technical illustrator for the Aerosystems Department, "I love my job." Her husband John says of his position as a supervisory writer/editor in the Technical Information Department (TID), "I am quite happy with what I am doing right now."

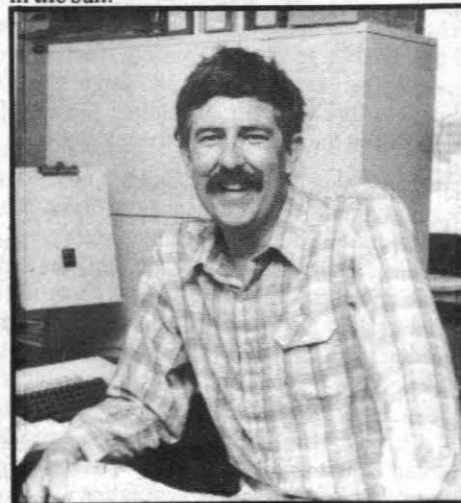
As a technical illustrator in the program support branch, she provides support for the department by assisting in the preparation of engineering drawings and illustrations, as well as helping to prepare

Sue has been in her present position for the past three years. She received the job offer through the upward mobility programs. She adds, "upward mobility is a great opportunity for people who don't have a career path in their present job."

Working on Center since 1971, John was employed by TID as a motion picture producer until 1982. He then was promoted to his present position. "It was an opportunity to move into a supervisory position." Since he wrote many of the scripts he produced, and the process of writing technical publications is similar, he was comfortable with the change in positions.

In their spare time, the Dunkers spend time with their two children, Julie and Chris, and pursue individual interests. For John, these include many things associated with photography. He teaches several classes at Cerro Coso Community College and an extension course through the University of California, Santa Cruz. He also enjoys photographing ghost towns.

While John teaches at Cerro Coso, Sue takes courses there to hone her skills. She also enjoys reading and airbrushing; on occasion, she takes off for the coast to bask in the sun.



presentations and side shows. In addition to this, other responsibilities include providing support for the SEAWARS and Space Shuttle Booster Rocket Recovery programs.

John, as a supervisory writer/editor in the Writing Branch oversees 11 people. Of his position, he says, "My job is to keep the job interesting for the people who work for me." He commented that this is relatively easy since those who work for him, while specializing in certain aspects of their positions, are quite versatile.

maximum charge of \$5 for a family per visit. No credit cards, insurance forms or large bills will be accepted, but stickers from Medi-Cal cards will be honored at all Health Department immunization clinics.

**Immunizations offered**

Schools throughout Kern County will be enforcing immunization requirements for school entry this fall. Proof of immunization will be required before a child can be enrolled.

Children entering kindergarten or changing schools in September will need immunization records with dates for each required immunization. Those required include DPT (diphtheria, tetanus and pertussis), polio, measles, mumps and rubella.

The fee for each immunization or combination of immunizations is \$2, with a

**Lung Assn. offers non-smoking stickers upon request**

The American Lung Association of Kern County is urging local nonsmokers to stick up for their lungs, according to Executive Director, Nancy Strampe.

Ms. Strampe said during July and August the Association is offering a free assortment of non-smoking stickers through its toll-free phone number: 800-824-7888, operator 535. Callers will receive a packet which includes adhesive "no-smoking" stop signs for use at home and work; a dashboard "no-smoking" sticker; and stickers which can be placed on the back of restaurant tabs to promote nonsmoking sections.

**Books, magazines, newspapers, records—library meets range of patron needs**

At one time or another, everyone has probably needed to relax and enjoy or escape from the rigors of the real world. The Center provides such a place for children, teens, and adults...it is the NWC Library.

The facility is available for use by active duty military and their dependents, civilian employees and their dependents, retired military and civilians, and others designated by command.

Since the library added hours to the summer schedule, patrons are taking advantage of these cooler hours to visit the library and choose selections to fill their time, especially service personnel. New hours are 8:30 a.m. to 8 p.m. Monday through Friday, and 10 a.m. to 6 p.m. on Saturday and Sunday.

Here since 1945, the library now has approximately 38,000 volumes of fiction, science fiction, westerns, mysteries, and other recreational reading material. The library also supports the valley's educa-

tional programs and the Center's training programs by ordering volumes on particular subjects whenever requested and possible.

In addition to many books, 150 different magazines are available for checkout of patrons. These include types such as news, men's, women's, youth, handicraft, and children's magazines.

Thirteen different newspapers are also available for the viewing pleasure of readers. The Wall Street Journal, Christian Science Monitor, Los Angeles Times, San Francisco Chronicle, Bakersfield Californian, and San Bernardino Sun are just a few.

Record albums are also available for checkout; the procedure is the same for these as it is for checking out books. Different types of music available on albums at the library include classical, jazz, blues, rock and easy listening. Poetry reading, Shakespeare, and children's stories are also available.

Adults may check out as many volumes as they wish, as may children when accompanied by a parent; children checking out materials by themselves are allowed to four volumes at a time.

The loan period is three weeks; no fines are imposed for overdue materials, however, friendly reminders are sent out to patrons who are slow about returning overdue materials.

Overdue books, are not a real problem at the library, says Elizabeth Shantler, branch head and Head Librarian. She says that of the 150 to 200 patrons that visit the library each day and check out an average of 300 volumes, only five to ten overdue notices are sent out each day.

While people are not fined for late books,

they are expected to reimburse the library for lost or damaged items.

The library is not only a reading center for those who are interested in expanding their horizons through recreational reading; the local Literacy Council operates a one-on-one tutoring program using the library materials, and office space for privacy.

Several days a week, children from the NWC day care centers are brought to the library, and allowed to check out selections.

Space is also provided for Recreation Services for programs such as Story Time and World of Discovery. These are one-hour sessions for children of various age groups and include, depending on the age group, reading, story telling, flannel board stories, and finger puppet plays. (Information pertaining to these programs is available from the Recreation Department.)

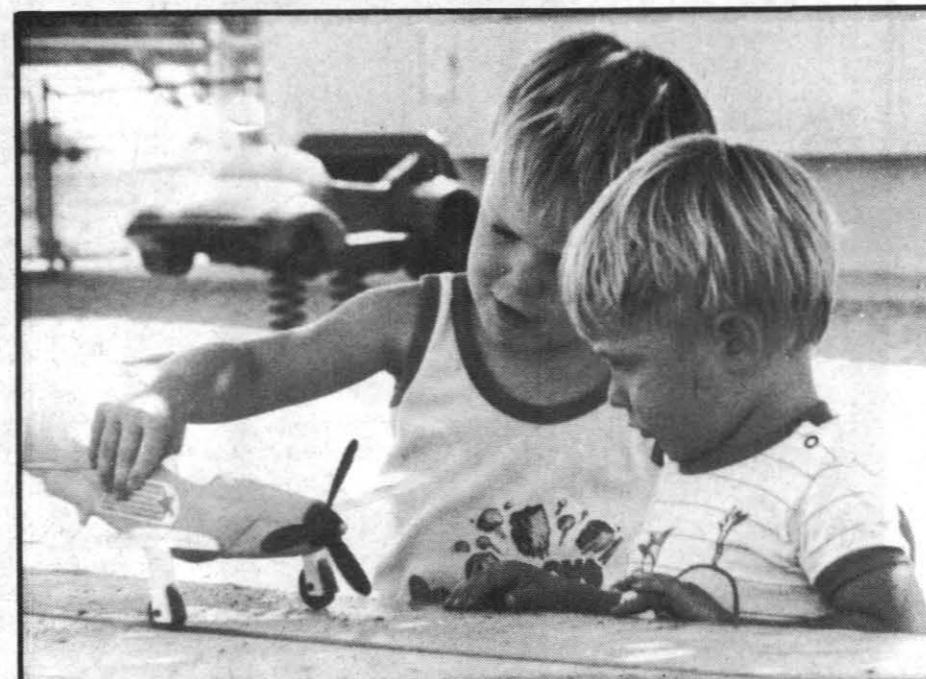
Since transient service members are not eligible for checking material out of the library, the reading lounge is the perfect place for them to relax and read when they are here on temporary duty.

According to Mrs. Shantler, "The library is well used. We recently completed an inventory and there were only about half a dozen books that hadn't been checked out the previous year."

**Exercise tip**

If you have to skip exercise temporarily because of minor illness or injury wait until you have recovered before resuming workouts. Start at no more than two-thirds of your pre-injury exercise level and work yourself back into shape. If possible, continue exercising those parts of your body during recovery that are not injured.

**Summer fun at the Children's Center**



**WHEN I GROW UP —** As Kevin Kirkpatrick readies his aircraft for a takeoff from the picnic table top, Phillip DeMay watches intently so that next time, he may be the "pilot" of the plane.

Summer fun fills the days of the children who spend time at the day care centers here at NWC. Some of the activities that children take part in are opportunities for them to "try on real life experiences," according to Polly Ferraro, Director of the Children's Center.

These dramatic activities include "camping out," woodworking, and making ice cream. In addition, children fill their summer months by participating in various types of water play, extended classroom activities, and helping to prepare their own snacks.

**VALUABLE PROGRAM** Lee Ann Daws, who is participating in the Leaders In Training (LIT) program through Recreation Services, occupies Corey Oliver's attention. The LIT program is for young students who volunteer to work for the Recreation Services in exchange for services within the department.



**RUB-A-DUB-DUB —** Water play and Stephanie Baker go together like blond hair and big smile. This is just one of the many activities children take part in at the center.



**LUNCH TIME —** Children help prepare their own meals on special occasions. Nicholas Fung and Jo Lish grill a cheese sandwich as Cameron Wilson looks on, wondering if it is really going to work with an iron.



**YOUNG RECRUIT —** Decker out in clothes donated to the Children's Center by the WACOM Thrift Shop, Matthew Bankston stands ready to be inspected.

**NWC Rocketeer**

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 NWC Commander  
 B. W. Hays  
 Technical Director  
 Denny Kline  
 Public Affairs Officer  
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# Devils garner two wins in military softball play

Military League softball action found the Devils winning a pair of games last week as league play continued at Schoff Field. VX-5 split a pair of games as well during recent competition.

## Devils 26, Hornets 17

Despite falling behind, 9-0, after one inning of play, the Devils rallied to stop the Hornets. A 10-run fourth inning and a 9-0 edge in the fifth frame put the Devils over the top.

Fred Herman allowed 22 hits and walked six as the losing pitcher. A pair of homers from Morton followed by a homer off the bat of Leslie keyed the winning attack.

B. Curtis had the only extra base hit, a double, out of 19 hits for the Hornets off Chilton, the winning pitcher.

## Doc's 16, VX-5 9

Amassing 24 hits, including six doubles, the Doc's softball squad rolled past VX-5. Tony Bookout was the winning pitcher, giving up 13 hits, none of them for extra bases.

Blevins ripped three doubles to lead the winning attack. Doc's broke a scoreless tie

in the second inning with a pair of runs and never trailed in the contest. Spraggins notched four hits in as many times as bat.

Robiette, Chech and Wentworth had two singles each for VX-5.

## Bears 22, Outlaws 12

Behind Jean Bormett's 11-hit pitching, the Bears blew past the Outlaws. Bear hitters picked up 21 hits en route to the easy win. They took a 6-1 first inning lead and never faltered.

Griffin and Hemsley homered for the winning team and Myers clubbed a triple to give them a easy triumph.

Beavers had a homer and a double in leading the Outlaws in their losing effort.

## VX-5 30, Hornets 15

The Hornets fell for the second time in a week, this time to VX-5's powerhouse squad. A homer by L. Price and three hits each from D. Hogen and S. Germain led the Hornet effort.

VX-5 snapped a 10-10 tie with a six-run third inning and coasted in for the easy victory. Cech and Harmon clubbed a pair of home runs each while Cirimelli and Vivians had solo homers to the 29-hit attack.

F. Herman was the losing pitcher while Harmon gave up 16 hits in picking up the victory.

## Devils 21, NWC's 17

The second win of the week for the Devils came as they edged the NWC's on 22 hits and seven key walks.

Morton and Brown homered for the winners, and each picked up four hits in as many at bats. Walker and Chris added triples to the attack for the winners.

Four hits, including a pair of triples, by Whittle keyed the NWC's attack. S. Shuman also had four hits in five trips to the plate in the losing cause.

## CPO's 19, NWC's 17

Despite being out-hit the CPO's edged NWC's by a single run. It was the second straight loss by NWC players. Four hits by Purdy keyed the winning attack.

S. Brown clubbed a pair of triples and G. Shaw homered as the NWC's effort fell just short of victory this time out. Purdy was the winning pitcher and M. Fuchese took the loss, giving up 18 hits.



# Sports

## Anglers still catching fish from Sierra lakes

With summer past the midpoint, fishing conditions in the Eastern High Sierra are still good according to officials of the Bishop Chamber of Commerce who compile a weekly report from throughout the region.

All high country lakes accessible by paved roads are reporting at least fair results for anglers recently.

Lots of pan size fish are being landed at Lake Sabrina. Shore fishing has been best, with anglers using baits. Everyone is catching fish say visitors.

Anglers are reporting the dry fly and bubble combination works best at South Lake for pan-sized rainbows.

Rock Creek Lake is giving up lots of rainbows and brown trout on marsh-mallows and lures. Trollers are landing fish on Needlefish lures. Walking to Tamarack Lake will reward anglers with lots of 8-10 inch brook trout.

Convict Lake is producing lots of pan-size rainbows or browns on Needlefish lures; shore fishing is reported to be best.

Trollers are using lead-core line and flat fish lures at Crowley Lake to land lots of

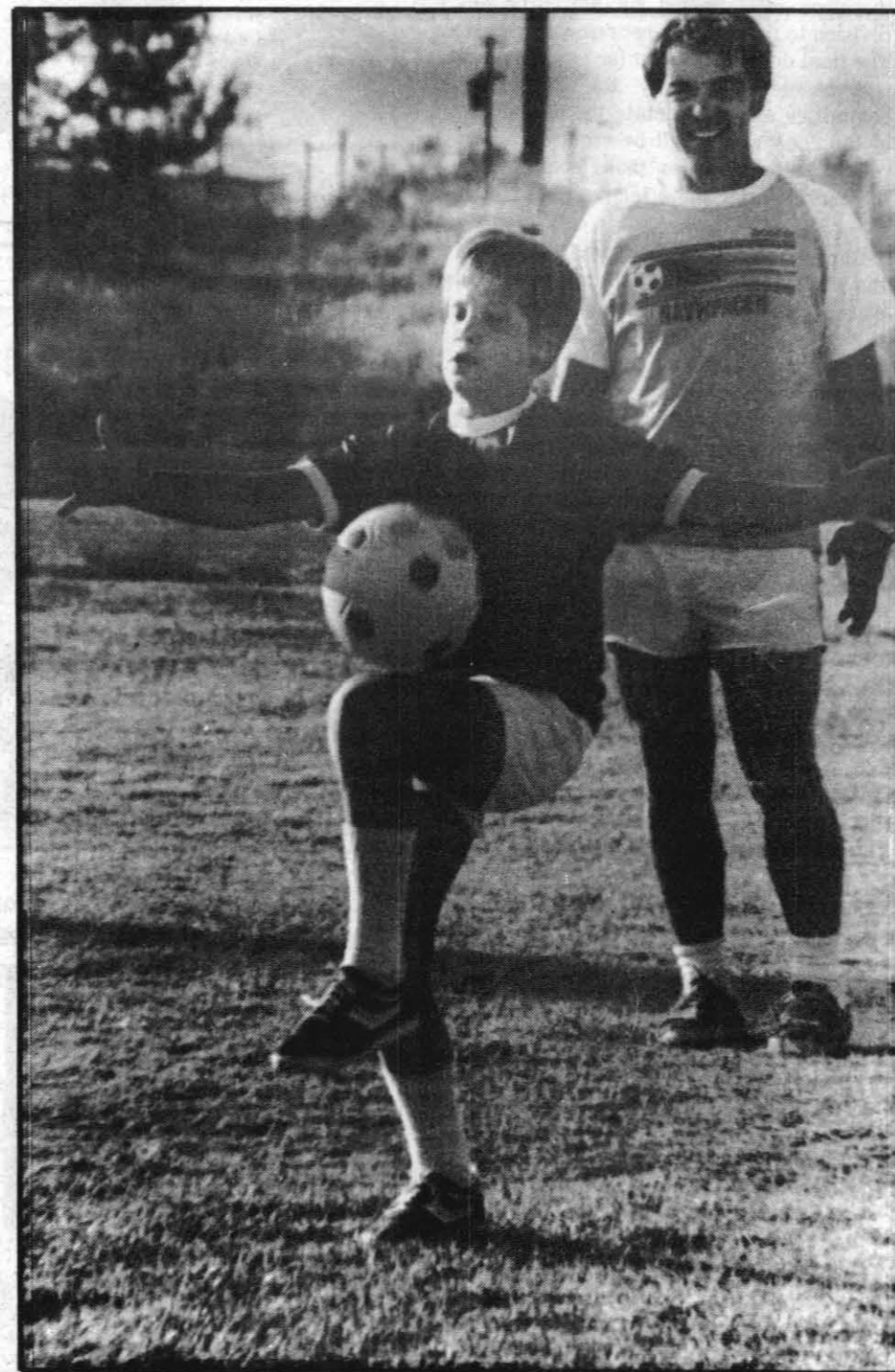
limits. A Crowley area resident caught three fish totalling 16 pounds last week on lures.

Mammoth Lakes are all reporting good fishing. Twin Lakes are best in the evening with lures, worms and flies. At Lake Mary bait is working for shore-based anglers while trollers work the backside with Needlefish. Lake George is best early morning on evenings using lures, worms or marshmallows.

In the June Lake Loop all lakes report good action with lots of pan-sized fish being landed by anglers. A 15-year-old fisherman from San Diego pulled a three-pound brown trout out of Rush Creek using red salmon eggs.

Bridgeport Twin Lakes are yielding a good number of pan-size trout. Konkane Salmon fishing is reported improving at upper and lower twin lakes. Shore fishing is producing the best results using marsh-mallow with garlic, bait and Needlefish.

At the reservoir, shore fishing is yielding good results for anglers using bait and Panther Martin Lures. Weeds have made trolling very slow at this time.



**PRACTICE** — Coach George Mills watches happily as Matt Thatcher learns how to deal with a soccer ball. NWC Recreational Services recently sponsored a Soccer Camp for young players coached by Karl Kauffman, Kenold Price and Mills. Individual award winners at the week-long camp were Chris Marshall, most skillful; Mike Graves, most fit; Scott Wilson, most knowledgeable; Ted Mechtenberg, most inspirational; and Matt Frizier, most improved. — Photo by Karl Kauffman

## Area soccer teams plan show at Davidove Field

Davidove Field is the location of a soccer match between the Scorpions Soccer Club and TUS Hamburg from West Germany tonight.

Tomorrow morning at 10 o'clock TUS Hamburg will play the Victorville Mustangs at Davidove, and at 1 p.m., the Scorpions and Mustangs will be up against each other.

The visiting 14- to 16-year old German soccer players will be here until July 30.

They are helping the Scorpions to continue the club's custom of introducing team players to people and cultures from other places through the world's leading sport.

The Scorpion Soccer Club has played more than 20 matches against teams from places including other states in the U. S.: Mexico; West Berlin, Hanover and Hamburg, in Germany.

## Fishing slow at Isabella

Even the fish have been taking it easy in this hot weather over at Lake Isabella. Bass and trout fishing is very slow, and crappie is almost non-existent at this time.

Bluegill are biting around any of the

rocky areas and prefer meal worms as bait.

Catfish, however, are being caught in the flat areas of the lake, especially around Rabbit Island.

## Wild Trout Stamp revenues bolster resource preservation

The 1985 Wild Trout Stamp is now available. This is the second in a series of stamps being issued by California to raise funds to support the Wild Trout Program in California.

This year's full color stamp features the Rainbow Trout and sells for \$3.00. The pro-

ceeds will be provided by CalTrout to be invested exclusively in the wild trout waters of the state.

This stamp is not a mandatory purchase by angling license buyers. It is a voluntary program created by CalTrout to develop a

source of revenue, leading the way with new possibilities for wildlife preservation funding.

CalTrout urges anglers and collectors to buy one or more stamps and help with Wild Trout Program. These stamps are predicted to become a cherished collector's

item just like the duck stamps.

There are a few 1984 stamps remaining so interested persons can still start their collection with the initial issue. 1984 and 1985 stamps are available locally through the High Sierra Fly Fisher, 375-5810.



## The Skipper Sez...

### QUESTION

**Civilian Employee** — I'd like to address the subject of smoking in offices that are shared by more than two people. If there is any ruling, I'd like to know of it. If there's no ruling, there should be. I'm allergic to cigarette smoke and become ill after a short time if I'm enclosed with it. Recently I had a wonderful opportunity for a temporary assignment to get some job experience and gain knowledge that would impact my present position. There were several smokers in the office area and the two days I was there I felt chest pains, nausea, headaches, light headedness, sore throat and burning nostrils. I gave up the temporary assignment even though the supervisor did what she could short of telling the smokers to quit. I could not handle the environment. I believe this situation should not be repeated.

An allergy is a handicap. Even for folks who are not allergic, they have to breathe contaminated air that has been proven to adversely affect health. It's time we progressed at NWC in the area of equal opportunity for all handicapped, not just folks who have difficulty walking, hearing or seeing. Allergies are real.

I would like an inquiry or discussion of the matter. Several times I've contemplated applying for a job, but, when seeing the smoke-filled office, have not applied knowing I couldn't handle the air. One office environment I was in for almost 3 years, I feel definitely contributed to my severe loss of hearing which is caused by allergies. I complained but felt dissatisfied with the supervisor's attitude. I would not think of filing a grievance or anything so drastic, but I would certainly be encouraged if I could discuss this with someone in higher authority. I would appreciate any positive action you might initiate. Thank you.

### ANSWER

My policy on smoking is set forth in NAVWPCEN Instruction 5100.16. In general, there is no restriction on smoking in private offices. In common work spaces shared by smokers and non-smokers, smoking is permitted where ventilation is adequate to remove smoke from the work area. Certain areas of Center buildings are designated "No Smoking" areas. These include such facilities as medical/dental (except limited areas), Center theater, gymnasium, Navy Exchange, Commissary, libraries, etc. Responsibility for enforcing this smoking/no smoking policy rests with each employee. Classroom instructors, conference leaders, supervisors in charge of work areas, and bus drivers are tasked to serve as monitors to assure compliance with this policy.

As most everyone is aware, it has been determined by the Surgeon General that smoking, both actively and/or passively, is dangerous to one's health. Studies have shown that smokers have more lost work time due to illness, are at greater risk for developing cancer, have a shorter life expectancy, and numerous other health related problems. Consequently, educational programs have been developed to discourage smoking. Literature on the dangers of smoking and the latest advice on how to give up smoking is available at the medical clinic. In the past, the Center has sponsored seminars for those persons who desire to stop smoking. These classes are now available in the local community and I highly encourage all those who smoke any type of tobacco product to consider taking part in such a program.

### QUESTION

**Military** — My question regards pay phones. Why don't we have any pay phones away from the main side of the base? They would come in handy and a lot of people could use them instead of having to take time and go to mainside to use a phone. That's all, thank you and I hope you do respond.

### ANSWER

This request is a valid one; however, there are presently no cable facilities in the outlying areas that would allow installation of pay telephones in convenient locations. The Telephone Administration Office is working on plans to expand the Center cable facilities in the Airfield area. The plans will include installation of pay telephones.

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. K. A. Dickerson. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-of-command channels.



**LENGTHY SERVICE** — John Peterson is congratulated by Capt. K. A. Dickerson on his four decades of federal service.

## John E. Peterson completes 4 decades of federal service

A 40-year Federal length-of-service award was presented on Tuesday, July 16, to John E. Peterson, a physicist in the Information System Group.

The presentation of the 40-year pin and certificate was made by Capt. K. A. Dickerson, NWC Commander, during a ceremony in the Commander's office.

Peterson's 40 years of service with the Federal government began in 1942 with his enlistment in the Army. He served four years and was honorably discharged in 1946, transferring to the Reserves. (In 1972 he retired as an Air Force Reserve Lt. Colonel.)

After receiving a bachelor's degree in physics from UCLA in 1948, he went to work as a physicist for the Department of Agriculture in Albany, California where he worked for eight years. He moved to China Lake in 1950 and worked for a year as a physicist in the Test Department.

### Navy man gets pat on back from CLPD

A military man who recently transferred to NWC from the State of Washington discovered that the fireworks he had brought that were legal in Washington were against NWC regulations. He brought the fireworks in to the China Lake police station for proper disposal.

The police would like to commend his awareness and consideration for regulations, saying that their work would be much easier if everyone was as conscientious.

In 1951 he was promoted and transferred to the Research Department, and three years later he was reassigned to the Test Department.

In January 1955 Peterson was promoted to electronics scientist before moving in July 1967 to the Systems Development Department. In September 1984 he became a part of the Center's newest department, the Information Systems Group, where he is currently working.

During his time at NWC, Peterson had one Beneficial Suggestion approved. He also received a Superior Achievement award for a photographic data system which he designed, developed and put into service. Additionally, he has received numerous letters of appreciation over the years.

### Black injured in accident Friday at Ballistic Test Facility

William L. Black, 42, lost his right hand, wrist and lower forearm Friday afternoon in an accident that occurred at the Ballistic Test Facility of the Ordnance Systems Department.

During a routine 20mm gun cookoff test, a round prematurely detonated as Black was screwing on the breech cap. Robert Gould, who witnessed the test at the enclosed test facility, immediately called for assistance, and a Fire Division ambulance was dispatched shortly after the 2:50 p.m. accident. By 3:20 p.m., Black had been picked up from the remote China Lake Propulsion Plant area and transported to Ridgecrest Community Hospital for treatment.

Black, a mechanical engineering technician in the Applied Science Branch of the Technology Division of the Ordnance Systems Department, is noted for his ingenuity and inventions. Of 26 patents with which he has been involved, 10 are joint; for the remaining 16, he is the sole inventor.

This creativity led, first, to his receiving the McLean Award in 1980 for his design of novel mechanical and pneumatic-mechanical devices for use in guns and projectiles. These resulted in 15 patent disclosures within the 1977-1980 time period. More recently, he was one of the first recipients last month of the Haskell G. Wilson Invention Awards for a gas pressurizer.

Black is expected to be released from the hospital within a few days.

## Overseas Navy-sponsored travel cut

In view of recent terrorist actions, the Chief of Naval Personnel has established a task force to coordinate all aspects of travel security for Navy-sponsored travelers.

The first course of action is to reduce travel to, from and within overseas areas to that which is absolutely mission-essential. It is the responsibility of order-issuing authorities to ensure that this is enforced.

When travel is necessary, this should be within the military airlift system to the maximum extent possible. Travel schedules should be planned to take advantage of military airlift schedules. Navy transportation offices are available to provide assistance in this area.

The unrestricted use of tourist passports is a complicated issue that is being addressed by DOD and the Department of

State. A DOD-wide policy is forthcoming. In the interim, the following policies apply:

a. When military airlift cannot be used for mission-essential travel to, from and through Middle East countries and when intra-theater travel must be performed via commercial aircraft to, from and through high risk areas as determined by theater Commander in Chief, tourist passports shall be used unless prohibited by the foreign country to be visited.

b. Use of the tourist passport will not enhance the safety of travelers unless appropriate precautionary measures are taken: all military and/or government identification will be placed in checked baggage, civilian clothes will be worn and all personal identification sanitized. Baggage identification should not include military rank and all identifying logos,

decals, etc., should be removed.

c. All travelers, including official travelers moving in the military airlift system, will continue to carry orders, identification and transportation documents are normal. Uniforms will be worn in accordance with existing regulations.

The Chief of Naval Personnel is working actively with DOD, Department of State and other appropriate agencies to effect a standard policy in other initiatives, such as expanded use of foreign flag carriers, development of programs to ensure travelers are briefed effectively on travel safety, particularly in high risk areas, review procedures for U. S. personnel and their dependents traveling unofficially overseas on leave, etc.

Further guidance will be issued as developed.

### Rotary Foundation offers fellowships for study abroad

The China Lake Rotary Club is now accepting applications for Rotary Foundation fellowships for study abroad. Applications are due to the local club by Sept. 1, 1985 for fellowships for the 1986-1987 school year.

Candidates for undergraduate scholarships should be college juniors or seniors. Graduate fellowships are available for those who have received a bachelor's degree or equivalent.

Awards are available for teachers who have been employed or engaged as full time teachers of the physically, mentally, or educationally handicapped for at least two years of the time of application.

Journalism awards are available for those who have been employed in a full time position as a journalist at the time of application, or have been actively pursuing fulltime post secondary studies in print or broadcast journalism for two years prior to the commencement of award studies for which application has been made, and who intend to pursue the profession of journalism after completion of their award studies.

Studies must be conducted in countries with Rotary Clubs since the student must be sponsored by a local club and a designated contact in that club. The student must certify ability to speak the language of the country for which he applies; exceptional cases provide separate language training included in the award.

Rotarians and their blood relatives are not eligible for any of the awards.

Education awards cover the cost of round-trip transportation to the place of study, registration, tuition, other fees, books, room and board, incidental living costs, and limited educational travel during the study year.

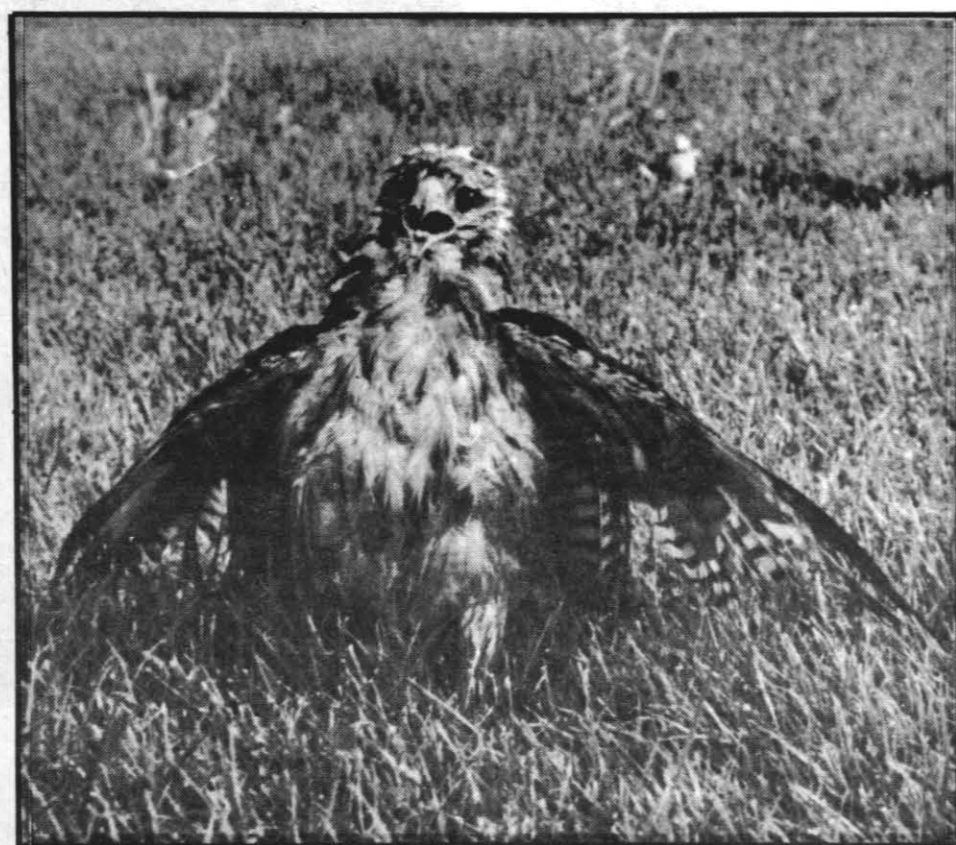
Those interested in further information or application forms should contact Dan Butler at 939-3292, 446-5037, or Thom Skeer at 446-4359.

### AF Auxiliary Cadets sought by local units

The Air Force Auxiliary Cadet Program is actively seeking young people to join and learn how to assist the Air Force with air search and rescue and operating their nationwide emergency communications network.

Any youth who is at least 13 years old or has completed the 6th grade can join. Senior membership is open to those who are over the age of 18.

Anyone who is interested can obtain additional information by contacting either Cadet Technical Sergeant Amelia Peters or Lt. Col. RLee Peters at 375-3171.



**HELP!** A bedraggled female red tailed hawk hopped and fluttered into the yard of a China Lake residence last week because its wings were coated with an oily substance. Those working with rehabilitating the bird guess that someone either has dumped antifreeze or a light oil in a puddle in the desert near the housing area, or has one of these substances in an uncovered container. —Photo by Mickey Strang

### Hawk finds oil, feather combo make a bird's flight impossible

Obviously in need of help, a female red tailed hawk hopped and fluttered its way into the yard of a China Lake residence last week. The bird, whose feathers had apparently become coated with antifreeze or a light machine oil, was unable to fly and was being attacked by two mockingbirds.

Bev Kohfield, from the Environmental Branch of Public Works Department, brought a capture cage so the bird could be collected without injuring it further — and without the thoroughly irritated bird injuring those trying to help it. A bird with a 4-foot wingspread and talons can be formidable.

Once Ms. Kohfield got the bird to Ridgcrest Animal Hospital where it could be checked for injuries and be cleaned up, it was determined that the mature female

hawk was apparently otherwise in good condition.

After cleaning the bird's feathers and ensuring that it had resumed eating and drinking normally, the hawk was taken near the site where it was captured for its release. Hawks mate for life; by releasing the female near where she was found, the likelihood of she and her mate being able to find each other is increased.



## China Lake Police Reports

A mother told China Lake police that her 14-year-old son had been hit by his father, causing injuries. The case is under further investigation.

Unknown persons entered a locked government vehicle and removed a voltmeter whose value is reported at \$300. The government was also the loser in the case of 714 reams of Xerox paper missing from Warehouse 10. Value of the missing paper is \$1,363.74.

Two BEQ residents had reason to be unhappy. In one instance, unknown persons removed \$120 from a victim's wallet in his locker in the BEQ. In the other case, the tires on the victim's vehicle were slashed, causing \$300 damage, while the vehicle was parked in the BEQ parking lot.

A mother reported that her out-of-control daughter was trying to start fires in the bedroom. The case is under further investigation.

Unknown persons tore the screen out of the door frame and entered the gymnasium pool locker room. So far, how much may be missing is unknown.

Three drivers stopped by China Lake police late last week had reason to be regretful that they had caused the stop. One was determined to be a 13-year-old unlicensed driver who was cited and held until a parent could provide transportation home. In the second instance, a driver was found to be driving on a revoked license.

### Hurt skier plucked from mountain by CLMRG, SAR helo

Linda Delasquez, who started out glissading down a steep and narrow snow chute at Mount Mallory, finished her trip down the mountain in an entirely different way — as a passenger in the China Lake Search and Rescue helicopter on Monday.

The China Lake Mountain Rescue Group was called by the Inyo County Sheriff at 8 p.m. Sunday to report a fallen hiker or skier who had a possible concussion and possible broken ribs and needed to be brought out of the Sierra.

CLMRG members left as soon as possible, arrived at Lone Pine and started up into the mountains by about 1 a.m. Monday. They reached the victim about 6 a.m. Once there, they discovered that she did not have a concussion but that she did have a broken arm and broken ribs at least plus other injuries.

Since flying out the victim was easier than trying to carry her out, Bart Hine of the CLMRG called for a helicopter, preferably the China Lake helicopter because in it she could lie down and she was in considerable pain.

The helicopter picked the injured woman up at about 9 a.m. and flew her to the Southern Inyo Hospital in Lone Pine. There it was determined that she also had received a broken collarbone and had crushed the fifth and sixth lumbar vertebrae with a compression fracture.

Other members of the CLMRG who took part were Tom Sakai, Andrew McDowell, Dan Harris, Wayne Geyer, Scott McDowell, and Phelps TerHeun, with Sakai and TerHeun running the base camp. Helping also were Inyo County SAR members Bob Wilson and Dean Frisbee.

The Center's SAR helo was piloted by Major J. C. Boyd, USMC. Other crew members were AEG Mark Keenan, AOAN Jerry Smith, and AD1 Tom Ring, along with HMI Bill Lewis.

The driver was cited — and had to find transportation home. In the third case, an individual stopped for a vehicle violation was found to have outstanding warrants in Orange County. This individual was taken to Ridgcrest and booked.

Unknown persons broke windows at Richmond School, causing about \$300 damage.

A traffic accident occurred Monday when a driver failed to see another vehicle while backing. Result: a fender-bender, causing minor damage to both.

A mentally ill juvenile was taken to Kern Medical Center for observation.

A driver northbound on Lauristen at an unsafe speed lost control of his vehicle and collided with another vehicle that was southbound. The northbound driver sustained major damage to his vehicle and moderate damage was sustained by the other.

A good Samaritan turned in a wallet that he had found. Police are contacting the owner of the wallet.

### Exercise tip

Most exercise injuries are to the muscles and joints. They are usually caused by insufficient warm-up, exercising too hard or too long, or by trying to do too much too soon. If such injuries do occur, try switching to swimming, which is a non-weight bearing activity.

# Government begins collection of old debts

By Lt. Keith W. Eiringer, JAGC, USNR  
Office of the Judge Advocate General

WASHINGTON (NES)...The Department of the Navy has begun salary offset actions — a type of involuntary allotment — against service members to collect delinquent Department of Education student

## Changes ahead for newcomers to U.S. Armed Forces ranks

The Senate and the House have completed action on their versions of the FY 86 authorization bill. Both versions include a feature that reduces authorization for retirement accrual appropriations. Also, each requires the department to submit proposed legislation by September 1, 1985 to revise the retirement system for new entrants.

The key point here is that the Congress, at the Department's insistence, has determined that all personnel currently serving in the Armed Forces and personnel already retired will be fully grandfathered and therefore not affected by any proposed revision to the military retirement system. The final dollar reduction for new entrants will be determined by the conference committee and will dictate the magnitude of the change that will be required to the retirement system for those coming into the service after the effective date of the Act.

During the development and defense of the FY 1986, Budget, DOD has expended considerable effort to protect and improve the economic well-being of service members. The results to date have been extremely successful.

In addition to a 3 percent pay raise, an extensive package of benefits and reimbursement improvements have been included in either, or both, versions of the Senate and House FY 1986 DOD authorization bills. These are:

A. Permanent change of station (PCS) reimbursements to reduce out-of-pocket expenses when making PCS moves; e.g., increased household goods (HHG); weight allowance to provide a minimum of 5000 lbs. to junior enlisted and a maximum of 18,000 lbs. To senior grades; a per diem allowance of \$37.50 per day for dependents under 12; a junior enlisted travel allowance at the "with dependents" rate for married junior enlisted personnel; and a temporary lodging expense; TLE allowance in CONUS of \$110 per day for up to four days.

loans. This is a result of The Debt Collection Act (Public Law 97-365) that authorizes a federal agency to collect from the salary of a federal employee money owed to another federal agency. In the Navy, the delinquent debt is paid by "T" allotments, and recovery is limited to 15 percent of

disposable income, unless a higher rate is requested by the debtor.

Before the act, DOE could identify a service member as a delinquent debtor but had no recourse when the debtor ignored repeated requests for loan repayment. Since the debtor had no fear of salary offset, many federally employed debtors defaulted on their student loans.

The act ensures that delinquent debtors will be afforded certain rights by the creditor before a request can be made for a salary offset. These rights include:

— The debtor must be advised, in writing, 30 days before an offset action of the facts surrounding the debt of the intent to collect by offset.

— The debtor must be advised of the right to inspect and make copies of pertinent documents.

— The debtor must be given an opportunity to establish a repayment schedule with the creditor and must be advised of the right to form such an agreement.

The debtor also has the right to a hearing either to consider the amount of the debt or

the repayment schedule, and the hearing must be held by someone outside the Department of Education. Until a decision is made as to the amount of the debt or the repayment schedule, no offset action may be taken. DOE must certify to the Navy that the service member has been afforded these rights, and the Navy is obliged to honor the certification.

The Navy Finance Center deducts the 15 percent offset from the service member's disposable pay, which includes current basic pay, special pay and incentive pay (or in the case of a service member not entitled to basic pay, other authorized pay remaining), after deduction of payments to Servicemen's Group Life Insurance, Retired Servicemen's Family Protection Plan, and any amount that is withheld as required by law. The Navy Finance Center can temporarily stop an existing allotment to attain the 15 percent of disposable income. If the Navy Finance Center should temporarily stop allotments, it will stop them in the following order: (1) bonds, (2) savings, (3) loans, (4) voluntary dependency allotments and (5) home loans.

For more information concerning indebtedness on a student loan, contact the Student Loan Collection Task Force, Department of Education, (202) 755-1467 or write to them at Department of Education, Student Receivables Branch, ROB-3, Rm. 3661, 400 Maryland Ave., SW, Washington, DC 20202.



## Military News



**ANOTHER STEP FORWARD** — Enlisted personnel joined by their officers in a "family portrait" to commemorate the occasion. — Photo by PH2 Rick Moore

# NWC sailors frocked during mass ceremony

More than 30 Center personnel included

That glorious day which rolls around only twice a year arrived July 17 — the date on which enlisted personnel who have been appointed to a higher rate assume that rate, and on which another group is frocked.

Frocking is a process whereby Navy personnel receive all the rights and privileges of the next higher rank without receiving a raise in pay. Frocking is implemented when the individual has been selected for promotion but has to wait for a promotion date.

Leading the list of those appointed to their new rates last week was MS2 Carey R. Lelevier. Those who were appointed to third class were ADAN David E. Adair, AQAN Earl Applegate, RMSN Scott L. Griffin, AMSAN David B. Keyton, and RPSN Catriona C. MacKirnan.

Those frocked as First Class were AD2 Michael E. Jacquot, A22 Nora J. Kidwell, and AMH2 Timothy T. Teel. Frocked as Second Class were AD3 Marcy E. Bies, AK3 Noel F. Blanco, AD3 Pamela A. Coulter, ASM3 Rory L. Ewing, YN3 James R.

Hinkle, ET3 Rubin Matthews, AT3 Richard A. Morden, AT3 Johnny N. Otte, ASM3 Harold T. Peterson, AE3 Timothy M. Webster, and AQ3 David E. Zimmerman.

Frocked as Third Class were DPSN Michael E. Allen, AMHAN Cynthia A. Barnett, AEAN Marty D. Chilton, ADAN Robin S. Farnsworth, AMSAN Jack R. Fye, AOAN James L. Guy, AMHAN John R. Huffman, AOAN George W. Johnson, PRAN Kenneth Klapak, PRAN Ronald Lillibridge, MSAN Charles Parham, PRAN Timothy M. Perkins, ADAN Henry E. Show, AMEAN Kevin T. Sylve, and AMHAN Dennis P. Traxler.

**Looking For Equipment?**  
Call the Equipment Locator Service (Code O2A22) at ext. 2101. We're here to satisfy your equipment needs!



**REHABILITATION WORK** — Keith Cook, a plumber, is seen working on the NWC Training Center, now under going extension rehabilitation and remodeling. While the facility is under construction, for an estimated six months, Training Center personnel have been relocated to Building 02330, the white trailer behind the center and Chapel Annex 95, northwest of the white trailer. Phone numbers remain the same for training personnel. — Photo by PH2 Rick Moore

# College courses offered this fall

The following classes are being offered this fall for the Cal-State Chico Computer Science Program (Bachelors and Masters), the Cal-State Northridge Mechanical (Masters) and Electrical (Bachelors and Masters) Programs, and the Cal State Bakersfield Business (Bachelors) and Public Administration (Masters) Programs.

## COMPUTER SCIENCE

**CSCI 372: Operating System Theory (3 units)**

August 3-4, 24-25, Sept. 21-22. Saturday and Sunday 8 a.m. to 4 p.m. Safety Building. By Professor Larry Wear, CSUC.

**Prerequisite:** CSCI 272 or consent of instructor.

**Scope:** Review of operating system development. Comparison of various types of multi-purpose systems including master/slave and parallel processor systems. Analysis of multiprocessor system performance and capabilities.

**MATH 6A: Analytic Geometry and Calculus I**

**MATH 6C: Calculus III**

**Phys 1B: Electricity and Magnetism**

**Chem 1A: General Inorganic Chemistry**

**CS 23: FORTRAN Programming**

**CSCI 171: Computer Architecture (3 units)**

Sept. 7, 8; Oct. 5, 6, 26, 27. Saturday and Sunday; 8 a.m. - 4 p.m. Safety Bldg. By: Professor John Slater, CSUC.

**Prerequisite:** Assembly language programming.

**Scope:** Internal processor architectures, basic combinational and sequential logic, codes, instruction sets and instruction decoding, memories and memory operation, arithmetic units, stack structures.

**Note:** This is a core class (BS and MS)

**CSCI 322: Artificial Intelligence (3 units)**

Sept. 28, 29; Nov. 2, 3, 23, 24 Saturday and Sunday; 8 a.m. to 4 p.m. Safety Bldg. By: Professor Bruce Pumphlin, CSUC.

**Prerequisite:** Graduate status.

**Scope:** Seminar on current topics in artificial intelligence. Topics are selected from: deductive systems - problem solvers and games; inductive systems - pattern recognizers and learning systems; cybernetics - models of human intellectual processes; applications - robotics and natural language translators.

**CSCI 227: Discrete Simulation Systems (3 units)**

Oct. 18-20; Nov. 15-17; Dec. 13-15, Friday 8 a.m. to noon. Saturday and Sunday, 8 a.m. to 4 p.m. Safety Bldg. By: TBA.

**Prerequisite:** CS 16 or 23. Probability and statistics recommended.

**Scope:** Principles of system modeling, simulation models and languages, discrete systems, industrial dynamics, use of probability concepts, queuing patterns, case studies.

**CSCI 151: Data and Program Structure (3 units)**

Dec. 6-8; Jan. 10-12; Feb. 7-9. Friday 8 a.m. to noon, Saturday and Sunday, 8 a.m. to 4 p.m. Safety Bldg. By: Professor Melody Duncan, CSUC.

**Prerequisite:** CS 16 (Pascal Programming)

**Scope:** Traditional data structures are examined as they relate to information representation, parameter passing, recursion, assemblers, compilers, operating systems, and machine organization.

**Note:** This is a core class required for all options (BS and MS)

**Math 477: Linear Algebra (5 quarter units)**

Sept. 26 - Dec. 5, Thursday 4-9 p.m. (1-hr. dinner break). Safety Bldg. By: Professor El Ansary, CSB.

**Prerequisite:** Math 6C (3rd semester calculus)

**Scope:** Systems of linear equations, matrices, vector spaces, dimensions, determinants, linear transformations, eigenvalues and eigenvectors.

**Note:** This is a required class for the BSCB Math-Science option and an optional requirement for the BSCS Systems option and as foundation for the MSCS.

**Spanish 320: Hispanic-American Culture and Civilization (5 quarter units)**

Sept. 23 - Dec. 9, Monday 4-9 p.m. (1-hr. dinner break). Safety Bldg. By: Professor George Yviricu, CSB.

**Scope:** The course is an overview of music, arts, literature, customs, institutions and technology, past and present, as they affect the development of Hispanic-American culture and civilization from its beginning to the present day. Course given in English.

**Note:** This upper division course satisfies General Education Goal VIII. It also satisfies the CSUC ethnic studies requirement.

The following Cerro Coso fall classes are foundation classes for the BS and MS program in Computer Science:

CS 15, CS 16, CS 23, CS 26, Math 6A, Math 6C, Chem 1A, Phys 1B.

Professor Madrigal will be on board the Center for counseling Aug. 15. To obtain an appointment, call Kit at NWC ext. 2648.

## MECHANICAL ENGINEERING

**ENGR. 420A: Advanced Mechanics of Materials (3 units)**

Sept. 4 - Dec. 18, Monday and Wednesday, 4 p.m. to 5:30 p.m. Safety Bldg. By: Bob Rockwell, NWC ext. 5644.

**Prerequisite:** Statics and Strength of Materials or consent of instructor.

**Scope:** Multi-axial stress and strain, theories of failure, unsymmetrical bending, shear center, thick curved beams, beams on elastic foundation, pressurized containers, structural stability, energy methods, introduction to bending and buckling of plates.

**Text:** "Advanced Strength and Applied Stress Analysis." Budynas, McGraw-Hill.

**Note:** This is a prerequisite for ENGR. 518 - Theory of Elastic Stability which is tentatively scheduled for next fall (86) and is also a prerequisite for ENGR. 520A - Advanced Materials Engineering (Fracture Mechanics) scheduled for spring '86.

**ENGR 509: Numerical Methods in Engineering Systems (3 units)**

Sept. 3 - Dec. 19, Tuesday and Thursday, 4 - 5:30 p.m. Training Center Annex. By: Charles Kenney, NWC ext. 3597.

**Prerequisite:** Knowledge of FORTRAN programming. Basic course in Numerical Analysis strongly recommended.

**Scope:** Application of numerical techniques to selected problems in engineering. Coverage includes both classical and recently developed methods. Emphasis will be on phenomena described by ordinary and partial differential equations with applications to structural analysis, heat transfer and fluid mechanics, and electromagnetic fields and waves.

**Note:** This is a core class for the MS degree, Mechanical Engineering and Applied Mechanics option.

**Text:** "Applied Numerical Analysis." Gerold, Addison Wesley. Books available at bookstore locally.

**ENGR 24: Statics and Strength of Materials (4 units)**

(Consult Cerro Coso Fall Bulletin for time and place)

**Note:** This class is a prerequisite to another foundation course, ENGR 309 Engineering Dynamics which is scheduled for Summer '86.

## ELECTRICAL ENGINEERING

### MASTER'S DEGREE

**ENGR 460: Electromagnetic Fields and Waves (3 units)**

Sept. 4 - Dec. 18, Monday and Wednesday, 4 - 5:30 p.m. Training Center Annex. By: Jim Battles, NWC ext. 1429.

**Prerequisite:** ENGR 360A or consent of instructor

**Scope:** The analysis of vector fields. Electrostatic and magnetostatic systems. Electric and magnetic polarization. Circuit concepts developed from Maxwell's equations. Time-domain and frequency-domain analysis of transmission lines. Impedance matching techniques.

**Text:** "Electromagnetic Field Theory: A Problem Solving Approach." Zahn, John Wiley.

**ENGR 558C: Advanced Topics in Radar (3 units)**

Sept. 3 - Dec. 19, Tuesday and Thursday, 11:30 a.m. to 1 p.m. Training Center Annex. By: John Johnson, NWC ext. 1053.

**Scope:** Review of radar fundamentals; radar subsystems including antennas, transmitters receivers, signal processing and displays, power and controls; phased-array antennas; synthetic aperture radars; pulse-Doppler radars; radar altimeters.

**Text:** "Introduction to Radar Systems" Skolnik, 2nd addition, McGraw-Hill.

**ENGR 568A: Introduction to Digital Signal Processing (3 units)**

Sept. 4 - Dec. 18, Monday and Wednesday, 11:30 a.m. to 1 p.m. Training Center Annex. By: Doug Sticht, NWC ext. 1576.

**Scope:** Discrete spectral analysis; Fourier transform calculations; spectral estimates; detection of signals in noise; optimum detection algorithms; estimation: linear mean-squared, Bayes, maximum likelihood; recursive estimation; Kalman filtering.

**Text:** "Digital Signal Processing." Oppenheim and Schaffer. Prentice-Hall.

**Note:** This is a core (required) class for the degree.

**ENGR 509: Numerical Methods in Engineering Systems (3 units)**

Sept. 3 - Dec. 19, Tuesday and Thursday, 4 - 5:30 p.m. Training Center Annex. By: Charles Kenney, NWC ext. 3579.

**Prerequisite:** Knowledge of FORTRAN programming. Basic course in Numerical Analysis strongly recommended.

**Scope:** Applications of numerical techniques to selected problems in engineering. Coverage includes both classical and recently developed methods. Emphasis will be on phenomena described by ordinary and partial differential equations with applications to structural analysis, heat transfer and fluid mechanics, and electromagnetic fields and waves.

**Text:** "Applied Numerical Analysis." Gerald, Addison-Wesley. Books available at bookstore locally.

## BACHELOR'S DEGREE

There will be a meeting Thursday, Aug. 13 in the Mojave Room, Commissioned Officers' Mess, at 10 a.m. to outline and discuss the new undergraduate program in electrical engineering currently being established through Cal. State Univ. Northridge. Cerro Coso's new pre-engineering program, an integral part of the four year program, will also be introduced. There will be handouts and a question and answer session. If you plan to attend or have any questions, call Steve Lee, NWC ext. 2468.

The following fall Cerro Coso classes are required for the program:

**ENGR. 24: Statics and Strength of Materials**

**Note:** The prerequisite for Cerro Coso

Development Plan, describing course fits into your overall career plan and how attendance at the course will strengthen your contribution to the Center's mission.

If you are not yet a California resident, please include a statement from your supervisor indicating the negative impact to NWC of postponing the training until residency is established. Code 094 will return the approved form to you. You must take it with you to Cerro Coso when you register in order for NWC to pay for your tuition.

If you are a co-op student, a DD 1556 is not required, simply tell the registrar that you are an NWC co-op student when you register. If you have any questions, call Kit Driscoll or Cecil Webb, NWC ext. 2648 (Code 094).

If a course is not directly job-related submit NAVWPNCEN 12410/66. Academic Enrollment Justification and NAVWPNCEN 12410/68. Individual

Development Plan, describing course fits into your overall career plan and how attendance at the course will strengthen your contribution to the Center's mission.

If you are not yet a California resident, please include a statement from your supervisor indicating the negative impact to NWC of postponing the training until residency is established. Code 094 will return the approved form to you. You must take it with you to Cerro Coso when you register in order for NWC to pay for your tuition.

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If you are not yet a California resident, please include a statement from your supervisor indicating the negative impact to NWC of postponing the training until residency is established. Code 094 will return the approved form to you. You must take it with you to Cerro Coso when you register in order for NWC to pay for your tuition.

Engr. 24 - Statics and Strength of Materials were inadvertently left out of the Cerro Coso fall bulletin. They are Phys. 1A and concurrent enrollment in Math 6B.

## BUSINESS AND PUBLIC ADMINISTRATION

**MGT 301 (formerly BA 320) Quantitative and Information System (5 quarter units)**

Sept. 25 - Nov. 27, Wednesday 4-9 p.m. (1-hr. dinner break) Safety Bldg. By: Professor James Vigen, CSB.

**Scope:** The course is an introduction to the applications of quantitative and information systems, including computer applications in business and industry. Information processing, allocation of resources, network analysis, and inventory planning are among the models examined as they relate to the management decision making process.

**Note:** This is a required core course for the BS in Business Administration.

**MGT 500 (formerly BA 622) Seminar in Management and Organizational Behavior (5 quarter units)**

Sept. 29 - Nov. 26, Tuesday, 4-9 p.m. (1-hr. dinner break). Safety Bldg. By: Professor Robert Bowen, CSB.

**Scope:** The course examines major concepts and theories as they affect behavior and performance in organizations, interpersonal communications, motivation decision making and organizational development.

**Note:** This is a required core course for the MPA program. Class limited to classified graduate students.

**PA 577: Research and Development Management (5 quarter units)**

Sept. 26 - Dec. 5, Thursday, 4-9 p.m. (1-hr. dinner break). Safety Bldg. By: George Lindsteadt, NWC ext. 2305.

**Scope:** Course addresses techniques for evaluating the performance of a research laboratory with special emphasis on management procedures, finance, personnel and program planning.

**SPANISH 320: Hispanic-American Culture and Civilization (5 quarter units)**

Sept. 23 - Dec. Monday, 4-9 p.m. (1-hr. dinner break). Safety Bldg. By: Professor George Yviricu, CSB.

**Scope:** The course is an overview of music, arts, literature, customs, institutions, and technology, past and present, as they affect the development of Hispanic-American culture and civilization from its beginning to the present day. Course given in English.

**Note:** This course satisfies the General Education, Goal VIII.

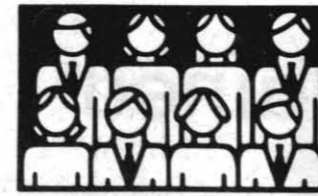
To enroll in these classes other than Cerro Coso, submit Training Request (NAVWPNCEN 12410/73) via department channels to Code 094. Registration will be held in class at the first class meeting. Deadline for enrolling is 10 calendar days prior to the starting date for the class. Although Training Requests will be accepted after the deadline, that date will be used for determining whether the course will "go."

# Cerro Coso classes available

The Center will pay your full tuition if you are enrolled in courses provided under the NWC/Cerro Coso Contract. If you can show that courses are job-related or will strengthen your contributions to the Center's mission, your tuition will be paid directly to the college by Code 094.

If you are not a co-op student, you must submit a DD Form 1556 (Request, Authorization, Agreement, and Certification of Training and Reimbursing) via department channels to Code 094. The form must arrive in Code 094 at least five working days prior to registration.

If a course is not directly job-related submit NAVWPNCEN 12410/66. Academic Enrollment Justification and NAVWPNCEN 12410/68. Individual



No. 23

Naval Weapons Center, China Lake, California 93555-6001

# Personnel News & Notes

## Promotional Opportunities

Applications for positions listed in this column will be accepted from current, permanent NWC employees and from eligible employees of attached activities who are permanently assigned to NWC unless otherwise specified in the ad. Alternative recruitment sources may also be used in filling these positions; vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements including minimum qualification requirements by the closing date. Applicants will be evaluated on the basis of experience, education, training, performance ratings and awards as indicated in the SF-171 along with any tests, medical examinations, performance evaluations, supplemental qualification statements and/or interview that may be necessary. Career ladder promotions are subject to satisfactory performance and cannot be guaranteed.

**APPLICATION PROCEDURES:** Candidates must submit a current SF-171, along with a supplemental qualifications statement (if required), and should submit a copy of their latest Annual Performance Evaluation if relevant to the vacancy. If a supplemental statement is not required, candidates are encouraged to submit additional information which addresses the specific Knowledge/Skills/ Abilities (KSAs) cited in the ad. Write the position title/series/level and announcement number of the SF-171 and all attachments. Be sure that your forms are complete and accurate since you cannot be rated on missing data nor will you be contacted for additional information. Be certain the SF-171 and supplement are dated and have original signatures in ink.

All applications will be retained in the vacancy announcement file; they will not be returned or filed in official personnel folders. Applications and supplements are accepted at the Reception Desk, Room 100, Personnel Department, 505 Blandly. Ads close at 4:30 p.m. on Friday, one week after the announcement, unless otherwise specified. Applications received after 4:30 p.m. on the closing date will not be considered. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

**No. 09-40, Clerk (Typing), GS-303-4 or Employee Development Clerk (Typing), GS-203-4/5, Code 094** - Incumbent will provide assistance to an Employee Development Specialist in carrying out the academic employee development program, will provide information to employees and supervisors on training opportunities, enroll employees in classes, maintain fiscal records, arrange for classes, prepare reports, maintain records, and provide support for various staff personnel and instructors from the universities providing programs at NWC. **Elements:** Ability: to communicate effectively; to deal tactfully with all levels of personnel; to type; to organize and carry out a variety of duties with considerable flexibility. Status eligibles may apply. Promotion potential to GS-5.

**No. 26-186, Air Conditioning Equipment Mechanic Foreman Temp. NTE 1 Yr., WS-5305-11, Code 26429** - Supplemental Required. Incumbent is a first-line supervisor who directs work operations in the Michelson Lab. Service Shop. Functions of the shop are to install, maintain, repair or replace refrigeration, air conditioning and gas heating systems; maintain low-temp test ovens, special labs and clean rooms, plans work, estimates costs, develops performance plans, trains personnel and is responsible for safety, discipline and EEO. **Job Relevant Criteria:** Ability to supervise; knowledge of technical practices; ability to interpret instructions, specifications, etc.; knowledge of materials; knowledge of pertinent tools and equipment; knowledge of EEO. Applications to be received or postmarked no later than 8-5-85.

**No. 26-184, Quality Assurance Specialist, DS-1910-1/2, Code 2652** - (2 vacancies). The incumbent is involved with the definition and application of quality assurance and quality control practices, methods, principles, techniques, and disciplines during repair, rehabilitation and maintenance of Navy family and bachelor housing units and the related areas. **Job Elements:** Knowledge of housing regulations and procedures; ability to communicate effectively

and writing modifications. Reviews contract files for proper format, documentation, and input into automated information processing systems. Maintains extensive statement of action items for the section. **Elements:** Knowledge of: general business practices. Ability to read and correctly review contracts; organize file documentation; prioritize and process in an orderly manner, multiple tasks simultaneously. Status eligibles may apply.

orally and in writing; ability to use blueprints, schematics, and architectural drawings; ability to plan and coordinate the quality assurance program relating to housing maintenance and rehabilitation contracts. Promotion potential to DS-2. Previous applicants need not reapply.

**No. 26-185, Construction Representative, DT-809-1/2, Code 2671** - The incumbent is involved with the definition and application of quality assurance techniques, and disciplines of maintenance and services provided under Small Purchase and Service contracts at NWC. The incumbent coordinates inspections and the acceptance of services provided under small purchase and service contracts. **Job Elements:** Knowledge of work flow utilized in small purchase/service contracting; general knowledge of techniques/practices utilized in Maintenance/Service contracts; ability to communicate effectively orally and in writing; ability to use blueprints, schematics, and architectural drawings; ability to plan, coordinate, and implement quality assurance plans relating to Small Purchase/Service Contracts. Promotion potential to DT-2.

**No. 31-187, Electronics Technician, DP-856-3, Code 3104** - The incumbent performs systems engineering functions in the A-6 Program Office associated with the A-6E avionics (e.g. GPS, TRAM, FLIR, IRVAT) sensors, and weapons (e.g. Maverick, Harm, Harpoon, Skipper). Daily contact with sponsors, pilots, contractors, other Navy activities and performing organizations to provide technical information, coordinate schedules, plan new/follow-on tasks, or provide detailed technical requirements is made to as part of the responsibilities of this position. Knowledge of electronics as they apply to systems, weapons, testing or operations and their applications. Ability to communicate and work effectively with others. Ability to work on multiple diverse assignments.

**No. 35-071, Computer Programmer Analyst, DS-334-1, Code 3543** - Incumbent will be responsible for the management of the Range Electronic Warfare Simulator (REWS) Software Support Activity (SSA) Facility in Code 3543. This will include management of the software operating system, operability of hardware and scheduling system to appropriate users. Incumbent will also be responsible as security officer to the facility and provide a contingency management plan to include disaster recovery. In addition, the incumbent will be responsible for ADPE procurement actions for code and be accountable for maintenance requirements for same. **Job Relevant Criteria:** Knowledge of DEC PDP 11/44 and PDP 11/60 minicomputer systems and the Zenith Z-100 microcomputers. Knowledge of the ADPE process and accreditation procedures. Ability to interface with all levels of center and contractor personnel and communicate well, both orally and in writing. Promotion potential to DS-3.

**No. D-39-067, Procurement Assistant, GS-1106-6, Code 3902** - This position is advertised as a One Year detail for training in the areas of procurement. Upon successful completion of the detail the incumbent will be reassigned to the position on a permanent basis. This position is located in the Staff Office of the Weapons Department. The incumbent assists management, project and technical personnel in the preparation of acquisition packages for the purchasing and contracting for materials, supplies, equipment and services for the programs in the Weapons Department. This involves providing contracting and stub requisition advice, expediting of requisitions, stub follow up and interface with Supply personnel. **KSAs:** Knowledge of NWC Supply System procedures; knowledge of acquisition procedures and regulatory requirements associated with sole source, ADPE, Test Equipment Management Systems (TEMS), Defense Industrial Plant Equipment and foreign purchases; ability to interface with personnel at all levels.

**No. D-39-051, Computer Specialist, DS-334-1/2/3, Code 3922** - This position is located in the Missile Software Branch, Weapons Development Division of the Weapons Department. The Missile Software Branch is responsible for supporting Department programs in the design, development, acquisition and management

systems hardware and systems software; ability to program; ability to technically direct and lead a multi-disciplined group of S&Es and technicians; ability to communicate orally and in writing; ability to develop interface systems. Must be willing to support EEO objectives. Promotion potential to DP-3. Previous applicants need not reapply.

**No. 35-070, Supervisory Interdisciplinary (Computer Scientist, Electronics Engineer, Physicist, Mathematician, Computer Specialist) DP-1550/855/1310/1520/334-3, Code 3554** - Serves as head of Computing Section, Instrumentation Engineering Branch. Responsibilities include analyzing and defining EWTES real-time instrumentation, simulation, and administrative computing requirements. Operates, maintains, and enhances existing computing systems, software, and documentation. **KSAs:** Knowledge of computer systems hardware and software, operations, and maintenance procedures; knowledge of ADP contract acquisition and administration policy and procedures; ability to technically direct and lead a multi-disciplined group of S&Es and technicians; ability to communicate orally and in writing; ability to manage a computing facility; willingness to support EEO objectives. Previous applicants need not reapply.

**No. 36-268, Electronics Technician, DT-856-2, Code 3643** - Incumbent will perform process control verification for printed wiring board production by evaluation of requirements. Perform visual inspection, magnified and unaided of completed printed wiring boards and printed wiring assemblies to determine conformance with applicable specifications. Incumbent will use schematic diagrams and various level drawings to evaluate the adequacy of art work for printed wiring boards, completed printed wiring boards, and completed electronic assemblies to the requirements of applicable specifications. Formal inspection reports, memos, and trip reports are required as a result of incumbent's duties. **Elements:** Knowledge: of quality control techniques; the theory of transistor circuits; of the theory and operation of electronic circuits and their components; of the theory and performance limitations of electronic test instruments. **Ability:** to perform soldering inspections in accordance with WS-6536; to communicate both orally and in writing. Promotion potential to DT-3.

**No. D-39-067, Procurement Assistant, GS-1106-6, Code 3902** - This position is advertised as a One Year detail for training in the areas of procurement. Upon successful completion of the detail the incumbent will be reassigned to the position on a permanent basis. This position is located in the Staff Office of the Weapons Department. The incumbent assists management, project and technical personnel in the preparation of acquisition packages for the purchasing and contracting for materials, supplies, equipment and services for the programs in the Weapons Department. This involves providing contracting and stub requisition advice, expediting of requisitions, stub follow up and interface with Supply personnel. **KSAs:** Knowledge of NWC Supply System procedures; knowledge of acquisition procedures and regulatory requirements associated with sole source, ADPE, Test Equipment Management Systems (TEMS), Defense Industrial Plant Equipment and foreign purchases; ability to interface with personnel at all levels.

**No. D-39-051, Computer Specialist, DS-334-1/2/3, Code 3922** - This position is located in the Missile Software Branch, Weapons Development Division of the Weapons Department. The Missile Software Branch is responsible for supporting Department programs in the design, development, acquisition and management

of software and software documentation for missiles and other weapons using embedded computers. The incumbent will provide software management support in the areas of software data management (DM), configuration management (CM) and quality assurance (QA) for various projects within the Department. The incumbent will be responsible for planning, executing and reporting all efforts related to software DM, CM, and QA. The incumbent will prepare or direct the preparation of software plans, specifications, statements of work and other documentation necessary for the development and/or acquisition of software for Department programs. Incumbent will participate in reviews and audits of in-house and/or contractor developed software. Job Relevant Criteria: Knowledge and experience with one of the following: Software management, acquisition and development processes; software engineering practices and principles including software documentation, CM and QA; or knowledge of DOD, Navy and

Center standards, instructions and directives related to software. Ability to prepare and/or analyze plans, specifications, and directives and apply them to specific development projects. Promotion potential to DP-3, not guaranteed.

**No. 61-066, Electronics Technician, DT-856-1/2, Code 61311** — This position is located in the Tracking and Control Branch of the Engineering Support Division in the Aircraft Department. The incumbent is responsible for operation and maintenance of the Integrated Target Control Systems through team effort. Duties include system test calibration to insure data accuracy and component testing of a variety of transmitters and receivers used in airborne data acquisition systems. Radar knowledge is desirable. Job Elements: Knowledge of electronics (including Analog & Digital Components and Schematics; knowledge of microprocessor; knowledge of and ability to operate electronic test equipment. Promotion potential to DT-3.

### 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 4 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 and/or prepare non-technical reports; (4) knowledge of filing systems and files management; (5) ability to meet the administrative needs of the office; (6) ability to train clerical personnel and organize workload of clerical staff processes; (7) ability to plan and coordinate travel arrangements; (8) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

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

**No. 09-048, Secretary (Typing), GS-318-6/7, Code 09** — Provides secretarial support to Head, Personnel Department and Associate. Promotion potential to GS-7. Status eligible.

**No. 31-186, Secretary (Typing), GS-318-5/6, Code 3104** — This position provides secretarial support to the A-6 Programs Office. Promotion potential to GS-6.

**No. 64-115, Secretary, GS-318-4/5, Code 6413** — The incumbent provides clerical, typing and other administrative support to personnel of the Program Support Branch. If filled at the GS-4 level, promotion potential to the GS-5 level not guaranteed.

**No. 24-146, Secretary (Typing), GS-318-4, Code 2405** — Provides secretarial support to the NWC Safety Program Office. Promotion potential to GS-6.

#### NOTICE REGARDING TRAINING CLASS LOCATIONS

During the next few months while the Training Center is temporarily closed, classes will take place in various locations in the valley. Notification of the exact location and directions on how to get there will be attached to the copy of your training request sent back to you indicating the approval of your enrollment.

There have been a few instances where the student has not received the enrollment approval prior to the start of the class, leading to lost time and effort trying to find the class.

If you have not received an enrollment form by 1 p.m. on the day prior to the start of a class you are planning to attend, call the appropriate number (listed below) to verify your enrollment status and the exact location of the class.

- Professional/Technical NWC ext. 2359
- Supervisory/Management NWC ext. 2349
- Safety/Security/Supply NWC ext. 2349
- General Skills/Clerical/EEO NWC ext. 2686
- Academic/Trades NWC ext. 2648

### Instructors sought

Cal-State Bakersfield is looking for instructors to teach Management Information System courses as part of its external degree programs at NWC. These courses could possibly include Management Information Systems, Data Base Fundamentals, Systems Analysis and Design, Design Support Systems, and Selected Topics in Management Information Systems. If you

are interested in teaching any of these courses, send resume to Cecil Webb, Code 094 by August 7, 1985. Applicants should have as a minimum a Master's degree in Computer Science, Management, or a related academic area, and applications experience. If you have any questions, please call NWC ext. 2468.

## New form explained

Effective immediately, a new form, Merit Staffing Application (NAVWPNCEN 12335/2 (5-85)), will be used to inform Center applicants for Promotional and Secretarial Opportunities ads of the results of their applications. The new form is available at the central reception area, Room 100, Personnel Department. Unlike the old "Dear John" letter, the new form is initiated by the applicant, who fills out the brief personal information block at the top of the form and then attaches the form to his or her application. As applications are screened and selections made, the personnel assistant will enter status information on the bottom half of the form and return it to the applicant. The self-carbon under the basic form will go in the Merit Staffing File as a permanent record of notification.

While the Personnel Department regrets asking applicants to submit one more form, it is easy to fill in the applicant's part (and should require no more than 45-90 seconds to do so) and the new form has some obvious benefits for applicants.

The applicant is only asked to provide name and code in the address block and basic information about the position applied for: title, location, announcement number, and lowest acceptable grade.

The new form will provide the following benefits: (1) Since the form will show a current, correct code, applicants will receive more timely information regarding the status of their application; (2) It will remind the applicant to provide the title and ad number of the position applied for. Probably the most common delay in processing applications occurs when an applicant forgets to state on the SF-171, Personal Qualifications Statement, what position he or she is applying for. In such cases, delays result when the Personnel Department representative must telephone the applicant to get the information; (3) The new form contains a clear reminder to submit any additional required application forms, such as the supplemental experience statement for wage grade and secretarial positions; and (4) Last, but perhaps most important, the streamlined nature of the form will allow the personnel assistant to more quickly notify applicants of the status of their application.

Anyone applying for a new job obviously wants to know "what happened?" as quickly as possible. That's the whole idea behind the new form. Remember: It is used only by permanent NWC employees when they apply to promotional and secretarial opportunities ads. It is not used by off-center applicants or for other types of ads such as reassignment or temporary.

The Personnel Department would appreciate your cooperation in using the new form.

MERIT STAFFING APPLICATION	
PART 1 - APPLICANT COMPLETES <i>(Please review instructions on reverse side prior to completing this form.)</i>	
NAME	
CODE	
POSITION TITLE	LOCATION OF VACANCY
ANNOUNCEMENT NUMBER	LOWEST ACCEPTABLE GRADE
Please consider me for the position identified above. I have enclosed all forms required in the vacancy announcement.	
SIGNATURE OF APPLICANT	DATE
PART 2 - PERSONNEL OFFICE COMPLETES	
The following action was taken with respect to your application for the position identified above in Part 1.	
ELIGIBLE	INELIGIBLE
YOU WERE RATED AMONG THE BEST QUALIFIED. YOUR APPLICATION WAS REFERRED TO THE SELECTING OFFICIAL. YOU WERE NOT SELECTED FOR THIS POSITION.	YOU FAILED TO MEET THE FOLLOWING MINIMUM ELIGIBILITY REQUIREMENTS: GENERAL EXPERIENCE SPECIALIZED EXPERIENCE EDUCATION TIME IN GRADE COMPETITIVE STATUS OTHER
YOU WERE RATED ELIGIBLE. AN EVALUATION OF THE REQUIRED KNOWLEDGES, SKILLS AND ABILITIES CONTAINED IN YOUR APPLICATION DID NOT RANK YOU AMONGST THE BEST QUALIFIED APPLICANTS. YOUR APPLICATION WAS NOT REFERRED TO THE SELECTING OFFICIAL.	OTHER
YOU WERE NOT CONSIDERED FOR THIS POSITION BECAUSE:	YOUR APPLICATION WAS NOT RATED BECAUSE:
YOUR APPLICATION WAS RECEIVED AFTER THE VACANCY ANNOUNCEMENT CLOSING DATE.	NO SELECTIONS WERE MADE FROM THIS ANNOUNCEMENT.
YOU ARE NOT WITHIN THE AREA OF CONSIDERATION IDENTIFIED ON THE VACANCY ANNOUNCEMENT.	NO SELECTIONS WERE MADE AFTER THE DATE YOU SUBMITTED YOUR APPLICATION.
OTHER	THE VACANCY WAS CANCELLED.
YOUR INTEREST IN THIS POSITION IS APPRECIATED.	
SIGNATURE OF STAFFING REPRESENTATIVE	TELEPHONE EXT. DATE

#### INSTRUCTIONS TO APPLICANTS

- This form should be submitted in its entirety with each application you submit for a Merit Promotion opportunity at the Naval Weapons Center.
- You are to complete Part 1 of this form only. Please ensure that your name and code number are entered on the "Name" and "Code" lines.
- Upon completion of the selection process, Part 2 of this form will be completed by the Personnel Department. The top page of this form will then be returned to you as your official notification. Should you be found ineligible, the notification will be returned immediately, rather than at the end of the selection process.
- Regardless of your rating for the position advertised, your application will not be returned to you. Regulations require that your application be retained by the Personnel Department for audit purposes.
- It is your responsibility to ensure that all forms required on the vacancy announcement are received in the Personnel Department by the closing date specified on the announcement. Late applications will not be accepted. Failure to submit all required forms may result in an ineligible rating or in a lower rating than that to which you should be entitled.
- Submission of this form and the information requested thereon is entirely voluntary on your part. However, should you not complete and submit this form, you will not receive notification as discussed in paragraph 3 above.

### Reassignment opportunities

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

**No. 14-033, Interdisciplinary, Electronics Engineer/Electrical Engineer/Physicist/General Engineer, DP-2/3, 855/850/1310/801, Code 1421, Multiple Vacancies** — This position as a Network Project Engineer is located in the Communications Development Branch. The prime function of this position will be to analyze user requirements, plan, design, specify and integrate communications systems with emphasis on Local Area Networks as part of Centerwide Integrated Communications System (e.g., Fiber Optics Trunk, Digital Switch, high speed data and video networks). The incumbent will also analyze technology trends for LAN systems as it relates to existing and planned corporate NWC networks. Extensive training will be provided for specialize network design skills. Submit a current SF-171 to Jon LaMarr, Code 142, NWC ext. 3711.

**No. 14-032, Interdisciplinary, Electronics Engineer/Electrical Engineer/Physicist, DP-2/3, 855/850/1310, Code 1422** — This position as a Network Engineer is located in the Network Management Branch. The prime function of the position will be to analyze user requirements and then plan, design, specify, procure, and integrate Baseband and Broadband Local Area Networks (LANs). The IEEE 802 series protocols will be emphasized. Extensive training will be provided for specialize network design skills. Submit a current SF-171 to Gordon Doyle, Code 1422, NWC ext. 3498.

**No. 31-188, Electronics Engineer, DP-855-3, Code 3104** — The incumbent performs systems engineering functions in the A-6 Program Office for the A-6E Aircraft Systems/Weapons Integration Program (GPS, IRVAT, TRAM, MAVERICK, HARM, HARPOON, GASM). Daily contact is made with sponsors, pilots, contractors, other Navy activities and performing organizations to provide technical information, coordinate schedules, plan new/follow-on tasks, or provide detailed requirements in carrying out the responsibilities of this position. Knowledge and experience with tactical or airborne systems is desirable. Contact Steve Barber, NWC ext. 5264 for details and/or submit a current SF-171 at Code 3104.

**No. 31-189, (Interdisciplinary) General/Aerospace Engineer, DP-801/861-3, Code 3104** — This position is in the A-6 Program Office. The incumbent provides technical support to the lead A-6E and A-6F Projects Engineers in the areas of weapons, avionics, targeting and other systems being integrated into the A-6 aircraft. Duties in-

clude providing specific technical information to sponsors and pilots; evaluating and recommending approval/disapproval of contractor change proposals; preparing technical guidelines and requirements for NAVWPNCEN support (performing) organizations; and participating in critical design reviews. Knowledge of design/fabrication/testing of production systems and experience in systems engineering/integrations desirable. Contact Steve Barber, NWC ext. 5264 for additional information and submit a current SF-171 to Code 3104.

**No. D-39-068, Interdisciplinary (General/Mechanical/Electronics/Aerospace Engineer/Physicist), DP-801/830/855/861/1310-3, Code 3904** — Program manager for Penguin Missile Program. Primary point of contact for Center interfacing with Headquarters, contractors, and other government activities. Responsible for preparation of planning documents associated with program organization and for coordinating NWC technical support. Duties include planning, budgeting, coordinating and monitoring in-house tasks supporting the effort in areas of missile guidance, inertial navigation, warhead, fuze, propulsion, aircraft integration, and systems analysis. To apply send current SF-171 to R.D. Blackwell, Code 3904, NWC ext. 2906.

**No. D-39-050, Electronics Engineer, DP-855-3, Code 3925** — This position is in the RPV Technology Branch. The incumbent will serve as the QF-4 Full Scale Aircraft Target Project Engineer and provide project engineering support to other Branch Technology projects in the areas of Robotics, Artificial Intelligence, Autonomous RPV's and Formation control of aerial targets. Send copy of current SF-171 to Jay Bornfleth, Code 3925.

**No. D-39-061, Interdisciplinary (General/Electronics/Mechanical/Aerospace Engineer/Physicist), DP-3, Code 3926** — This position is located in the Inertial Development Branch, Weapons Development Division, Weapons Department. The incumbent will be part of the Technical Management team for the ATD 9 (Advanced Technology Demonstration) RLG (Ring Laser Gyro) Program. Conducts planning and overall project management for ATD project elements including both inertial sensor and inertial systems development, test and evaluation. Knowledge of Strapdown inertial concepts and mechanizations is desirable.

### Graduation luncheon scheduled

A graduation luncheon will be held honoring the Center's graduates this past year in the Business Administration, Public Administration, Computer Science, Electrical Engineering, and Fellowship and Cooperative Education Programs. The luncheon will be held at the Commissioned

Officers' Mess (Open) from 11:30 a.m. to 1 p.m. on August 15.

Speakers for this event will be Burrell Hays, NWC Technical Director; Dr. Harry Kelsey, Dean of the School of Business and Public Administration, Cal-State College Bakersfield, Dr. Charles Urbanowicz, Associate Dean of Continuing Education, Cal-State University Chico, Dr. A. F. Ratcliffe, Dean of the School of Engineering and Computer Science, Cal-State University Northridge, and Mr. Roe Darnell, Dean of Instruction, Cerro Coso Community College.

Speakers, friends, and supervisors, co-workers and instructions of the graduates are invited to attend. Anyone wishing to attend the luncheon must call NWC ext. 2634 no later than Friday, August 9, to make reservations. Menu choices are: Chef's salad-\$5.00 or roast beef-\$5.00.

### Cal State Chico advisor on board

Dr. Orlando Madrigal of Cal-State University, Chico, will be here on Thursday, August 15, to advise students about the external degree programs offered by the university. Cal-State University, Chico, has external degree programs in computer science at NWC that lead to bachelor's and master's degrees. For an appointment to see Dr. Madrigal, call Kit Driscoll, NWC ext. 2648.

## Center offers guidance program to JPs

This program has been offered to Junior Professionals (JP) at the Naval Weapons Center since 1965 to make the most effective use of its technical personnel in furthering the Center's research and development effort. Its major purpose is to provide new professionals with information about themselves which would help them plan their careers at NWC. It includes an 8-hour battery of tests and a feedback session with a professional career counselor. Some questions that may be answered during this session include:

- (1) analysis
  - (2) development engineering
  - (3) applied research
  - (4) design engineering
  - (5) management
- d. With what size group would you work best?
- e. What additional training (technical, academic, or other) do you need for further development?

f. What additional training (technical, academic, or other) do you need for further development?

The next testing will be held: June 24 and 25 from 0730-1130 at the Training Center Annex. Counseling sessions will be held during July. Any JP that would like to be included in the testing for June should contact Kit Driscoll, NWC ext. 2648 to reserve a space.

a. Do you have essentially technical or managerial (or both) capabilities at this time. What are your prospects for future development?

b. How can you utilize your creativity? Are you best suited for research or hardware?

c. In which of the five basic job types at NWC do you seem to fit best?

### Recent additions

CODE	NAME	TITLE
02A22	Reeves, Gloria M.	Operations Res. Analyst
083	Alder, Nancy J.	Budget Analyst
0833	Fulton, Rochelle F.	Clerk-Typist
0836	Garcia, Lawrence E.	Budget Analyst
0853	Philpott, Janice L.	Clerk-Typist
08606	Minard, Robert D. II	Budget Analyst
097	Haikin, Tara N.	Personnel Clerk
24223	Tofson, Robert L.	Firefighter
24322	Baker, Lori S.	Clerk-Typist
252	Trottman, Elizabeth	Clerk-Typist
2522	Osborn, Linda B.	Purchasing Agent
2522	Ruehle, Dennis C.	Purchasing Agent
26302	Marquex, Elizabeth L.	Clerk-Typist
2635	Beckett, Caesar W., Sr.	Electrical Engr. Tech. Clerk
26402	Patterson, Julia M.	A/C Equip. Mechanic
26422	Paulsen, Barry B.	Industrial Eq. Mechanic
26423	Lee, Donald W.	Electrician (High Volt)
26436	Glover, John R.	Electrician
26446	Stratton, Alan D.	Computer Spec.
3108	Roberts, Judy A.	Mechanical Engr.
3196	McMahon, Brian R.	Mechanical Engr.
3263	Glass, Cecil A.	Mechanical Engr.
3274	Pritchard, Robert W.	Mechanical Engr.
338	Horton, Richard A.	Program Analyst
34401	Griffith, Raymond C.	Info. Spec. (Exhibits)
3512	Hewston, Bruce R.	Computer Scientist
3513	Lazich, Michael N.	Physicist
3515	Johnson, Eric H.	Physicist
3522	Evans, Randal S.	Electronics Tech.
3553	Swanson, Lloyd R.	Electronics Tech.
36514	Lamb, J. Michael	File Clerk
3653	Caraker, Toni R.	Engr. Tech.
3683	Newman, Steven M.	Mechanical Engr.
3687	Bowen, Montie J.	Mechanical Engr.
3854	Hewston, Terrell A.	Research Chemist
3925	McCulley, David K.	Electronics Tech.
62513	Gandy, Troy A.	Flight Test Spec.

### Recent departures

08	Osgood, Mary K.	Clerk-Typist
08621	Wadley, Joyce A.	Accounting Tech.
092	Palmore, Valerie J.	Clerk (Typing)
2413	Beltransampel, George	Police Officer
2413	Polley, Kathleen R.	Police Dispatcher
24322	Gilbert, Deanna L.	Clerk-Typist
24322	Moreland, Marianna M.	Clerk-Typist
2524	Feickert, Jill A.	Clerk-Typist
25242	Brooks, Helen R.	Procurement Asst.
26441	McDonald, Steve M.	Plumber
26441	Welsh, Randall S.	Pipefitter
26446	Jacobs, Anthony J.	Electrician
33	Oxendine, Marjorie A.	Secretary (Typing)
3383	Derby, Michael R.	Aerospace Engr.
33851	Parish, Marcella F.	Electronics Tech.
3515	Vokolek, Dorothy M.	Computer Systems Analy.
3656	Mason, Yvonne J.	Specif. Writer/Editor
3681	Green, Ray B.	Qual. Assurance Spec.
3681	Joyal, Michael W.	Qual. Assurance Spec.
39	Strickland, Pamela J.	Clerk-Typist
62117	Downing, John L.	Ordnance Equip Mech. He.
6236	Rosas, Adolfo H.	Engrg. Tech.