

### Ice cream social coming up Tuesday at All Faith Chapel

Once again, it's time for the 34th Annual Ice Cream Social sponsored by Protestant Women of the Chapel (PWOC). Set for Tuesday, July 16, it will take place on the East Wing lawn of the All Faith Chapel from 6 to 8:30 p.m.

Treats such as ice cream, cakes, and pies, along with punch, coffee, and tea will be available for a donation of \$1 for children 11 years old and younger, and \$2 for adults.

Along with musical entertainment, games and activities are planned, and children holding activity tickets are encouraged to participate. The Pick-a-Pocket Lady will have her apron full of all kinds of treats, and washable tattoos will be available for the wearing pleasure of youngsters. Pins and buttons, made "while you wait" will be available for the price of a few activity tickets.

Activity tickets, if purchased in advance, are 5 for \$1. If purchased that evening, they will be 25 cents apiece. They are available after Sunday worship services at the chapel, or at the Chapel office during the week.

### Welcome aboard slated July 23 for JPs, military officers

All Center personnel and their spouses and friends are invited to attend a "Welcome Aboard" party for Junior Professional employees and military officers and their spouses on Tuesday, July 23, at the Commissioned Officers' Mess.

The reception will begin at 5:30 p.m. A donation of \$3 will be asked of all who attend except the honorees and their spouses.

Junior Professional employees being honored include Todd Anderson, Michael Dorey, Cheryl Eiband, Akram Mufid, Scott Fuller, Mark Golden, Lee Hardt, Bruce Hewston, Dr. Terrell Hewston, Bradley Hodgins, Bruce Homberger, Eric Johnson, Kevin Koskella, Steven La Brie, Richard Lamp, Michael Lazich, and Robert Licklider.

Other Junior Professional honorees include Brian McMahon, Russell Mills, John Mooney, Catherine Rotert, David Rubinc, Fred Rumph, Richard Scheri, Greg Schlichting, Greg Showman, Randall Sliva, Jack Van Wieren, Stephen Wilson, and Steven York.

New military officers on board are LCdr. Jeffrey Reeves, Ens. Kenneth Black, Ltjg. Michael Durrant, Lt. Nicholas Russo, and Cdr. John Thompson.

### Train buffs can visit, tour Laws

For those with a soft spot in their heart for trains, railroads, and historical items, the Laws Narrow Gauge Railroad and Pioneer Exhibits by Bishop, Calif. is the place to go.

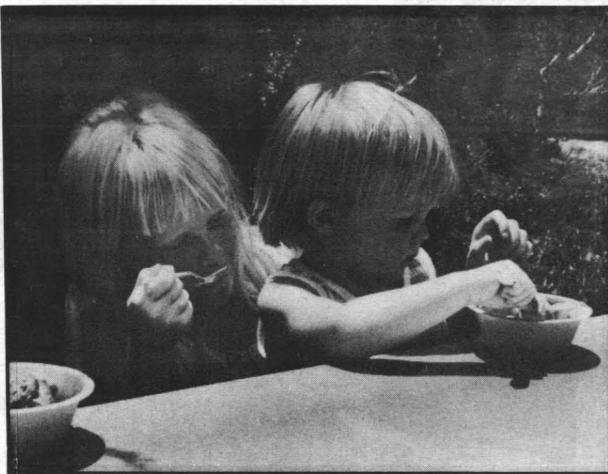
The railroad museum has something for every type of railroad buff, and there are also antiques for visitors to view.

The railroad station depot houses railroad artifacts, a horse-drawn hearse, western tack, and working model trains with sound effects. There is also the "Slim Princess Narrow Gauge Train" which consists of a No. 9 locomotive and a string of cars, a water tower, an oil tank, a pump house, and a box car village.

Old buildings with antiques for viewing include the old time doctor's office with antique instruments and office equipment. The Wells Fargo Building houses Indian artifacts, an old bottle collection, gold scales, arrow heads, and mining exhibits, while the country store carries old time artifacts and supplies.

In addition, the agent's house has been restored and refurbished with local antique furnishings. The library and arts building carries art by local artists, rare books, and several collections. The Laws reception center consists of a gift shop, and a model rail road shop.

In addition to all of this, there are also several displays of farming and outside



**DIVING INTO THE CHOCOLATE** — Jonathan Belding dives into a bowl of chocolate ice cream as his sister, Rebecca watches and manages to sneak in a few bites of her own. They are preparing for the 34th Annual PWOC Ice Cream Social set for Tuesday evening on the All Faith Chapel lawn from 6 to 8:30 p.m. Activities and entertainment will be going on throughout the evening. Donations are \$2 for adults and \$1 for children eleven years old and under. Tickets are available at the social. — Photo by Patricia Vick

### Music lovers excited at project

### Sierra Summer Festival starts next week

Music lovers can combine their enjoyment of a variety of music with their enjoyment of cool mountain evenings at the eighth annual Sierra Summer Festival at Mammoth Lakes.

The festival schedule includes Joe Sample and Higher Feelings on Friday, July 19; the Mamas and Papas and Walley Gue on Saturday, July 20; and The Limelights and South Coast Trio on July 21.

During the following week Rain will present a tribute to the Beatles on July 26, with Doc Severinson and "Xebron" and the Mammoth Jazz Co. on July 27; and from July 24 through 27, nightly performances of "Fiddler on the Roof" will be held at Mammoth High School.

On Aug. 1, there'll be a performance of "The Marriage of Figaro," followed by a very contrasting type of music, Good Ole Country with Billy Armstrong and The Marcie Brothers on Aug. 2; and the weekend will finish with the New Seekers

and Bonnie Murray on Aug. 3. Also on that Sunday will be a concert of the Eastern Sierra Symphony Orchestra conducted by Bogidar Avramov at St. Joseph's Catholic Church during the afternoon.

A total of 3,000 tickets will be offered for all the outdoor performances; no refunds will be given in case of rain. All persons are asked to bring either blankets or sand chairs for seating. Anyone who is handicapped and requires seating in a regular chair can make arrangements to have such a chair available (and special auto access for handicapped persons can be arranged by telephoning (619) 934-2721).

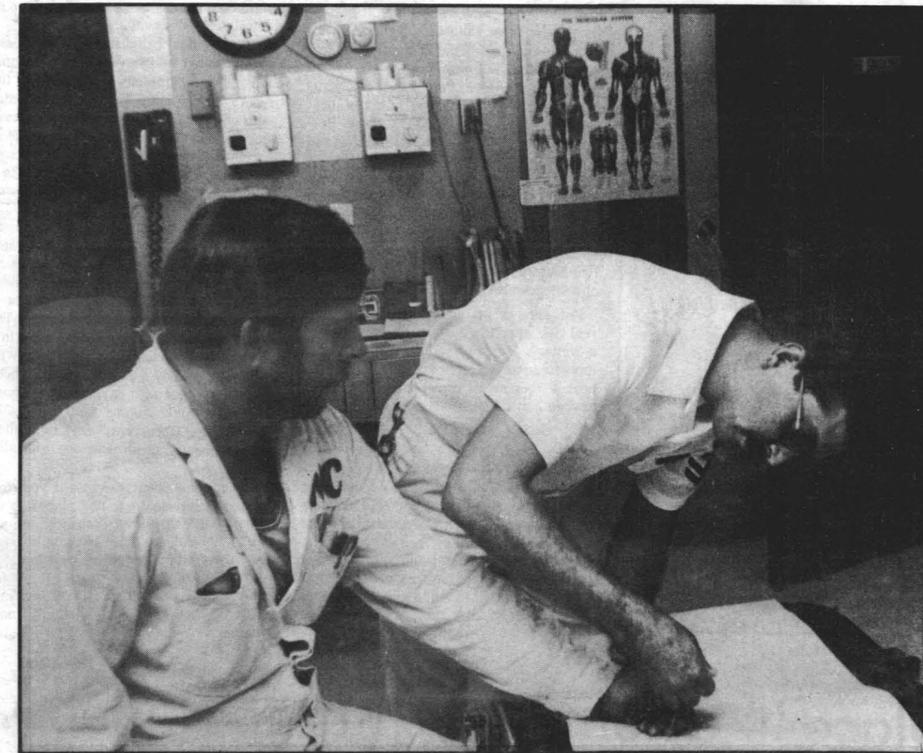
Everyone is invited to bring picnic supplies along to enjoy while listening. A Gourmet Picnic Contest Night has been scheduled for the Doc Severinson concert on July 27.

Prices will vary for each performance. Those purchasing their tickets in advance — even up to 5 p.m. on the night of the concert — will be able to get in at a reduced rate, and will also ensure that they will be able to get in since space is limited and

## Movies

FRIDAY, SATURDAY	JULY 12, 13
"THE FALCON & THE SNOWMAN"	
Starring Timothy Hutton and Sean Penn (Suspense-Drama, Rated R, 113 min.)	
SUNDAY	JULY 14
"MRS. SOFFEL"	
Starring Diane Keaton and Mel Gibson (Drama, Rated PG-13, 111 min.)	
MONDAY	JULY 15
"THE TERMINATOR"	
Starring Arnold Schwarzenegger and Michael Biehn (Science-Fiction, Rated R, 107 min.)	
TUESDAY	JULY 16
"20,000 LEAGUES UNDER THE SEA"	
(Matinee) Starring Kirk Douglas and James Mason (Science-Fiction, Rated R, 127 min.)	
WEDNESDAY	JULY 17
"BLIND DATE"	
Starring Joseph Bottoms and Kirstie Alley (Drama, Rated R, 105 min.)	
THURSDAY	JULY 18
"YETI, GIANT OF THE 20th CENTURY"	
Starring Phoenix Grant and Jim Sullivan (Horror-Drama, Rated PG, 105 min.)	
FRIDAY	JULY 19
"HEARTBREAKERS"	
Starring Nick Mancuso and Peter Coyote (Drama, Rated R, 98 min.)	
Starting Times: Matinee / 2:00 pm Evening / 7:00 pm Box Office Opens: 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	

## Reserve unit returns to support Branch Clinic



### Second visit said a success

Reservists just ended their second active duty tour at NWC's Branch Clinic since Branch Clinic China Lake Reserve Unit 119 was established nearly two years ago.

Headed by Cdr. Elsa Ang, Commanding Officer, and HMSC Jack Cavin, Executive Officer, the reserve unit was at China Lake to further prepare for their mobilization function, that of taking over and operating the Center's Branch Clinic.

"We have to be able to come in and operate the clinic with our personnel, said Senior Chief Cavin, of a mobilization situation. "This would free staff members here for reassignment where needed through Long Beach."

With an authorized strength of 21 enlisted members and four officers, the Senior Chief indicated they are short one enlisted member, a flight surgeon and a nurse.

The reserve unit has roughly doubled its numbers of people in the past year, noted the Senior Chief. And, he stressed, most of them are in a health care field as civilians as well.

Included among the reservists in Branch Clinic China Lake Reserve Unit 119 are x-ray technicians, licensed vocational nurses, a pharmacist, a dental technician, a pair of law enforcement officers, a microbiologist and two physicians.

Six members of this reserve unit are China Lake area employees and five others, some of the newest members, are part of the Sea-Air Mariner Program (SAM Program) started by the Navy in recent years.

These are carefully selected high school students who, after graduation, attend school, serve six months active duty then join a reserve unit.

Only one of the five SAM members of the unit trained at China Lake this summer. The Senior Chief was enthusiastic about SAM personnel, saying they were highly motivated and well trained as reservists.

"We're more than just a bunch of reserves serving out time," said Senior Chief Cavin. "We're really qualified to operate the clinic if need be."

The Senior Chief stressed the full cooperation reservists have received from

(Continued on Page 7)

## Weather Report

	Max	Min	Peak Wind
Fri.	117	70	40 knots
Sat.	113	70	20
Sun.	112	75	34
Mon.	113	73	20
Tues.	108	77	22
Wed.	110	76	18
Thurs.	109	76	26

Temperature and wind recorded at Armitage Airfield.

## Rec Dept. keeping youth busy

July is packed full of activities for youth in the area. These include a pet show, an all night party, a trip to Disneyland, and a magic show.

Youth 6 to 14 years of age may bring a pet to participate in the pet show at the Solar Park on July 17 at 9 a.m. The cost is \$1 per entry, and any pet can compete regardless of breed, pedigree, or professional training. All pets must be properly restrained, and all entries will be awarded a special certificate.

On the same day, youth ages 12 to 17 are invited to go to Disneyland and help the amusement park celebrate its 30th birthday. Those going will leave from the Youth Center at 6 a.m. and return at 9:30 p.m. The cost of \$25 covers transportation, admission to the park, and qualified supervision. The registration deadline is July 15.

Friday, July 26, the Youth Center will be the scene of an all night party. Anyone 7 to 11 years of age can attend this event that begins at 9 p.m. and ends at 8 a.m. Saturday. Participants must bring their own sleeping bag, and pay a fee of \$5. This covers snacks, entertainment, tournaments, and qualified supervision.

Spell-binding magic, sure to enchant

young and old alike, will be presented by veteran magician Jan Stiff on Wed. July 24, from 2 to 3 p.m. at the Center Theater. Children under 2 will be admitted free of charge; tickets for those 3 to 11 will cost \$1, and \$1.50 is the price of tickets for those 12 years of age and older. Tickets will be available at the door.

For more information regarding any of these activities, or to register for them, call 939-2010 or visit the Information Ticket and Tour Office from 9 a.m. to 5:30 p.m. Mondays through Fridays. It is located in the west side of the Community Center.

U.S. Government Printing Office: 1985 - No. 20013

FROM: \_\_\_\_\_ PLACE STAMP HERE

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

### EMERGENCY CARE — HM2 Mike Patterson cares for Tom Gilbreath's injured thumb at NWC Branch Clinic's urgent care facility. A California Highway

### Patrolman as a civilian, Patterson is one of six China Lake area residents active in Branch Clinic China Lake Reserve Unit 119.

## Feeling hot? John Gibson knows just how hot

Feeling hotter than usual? If so, it's for good reason.

According to John Gibson, forecaster for the Naval Oceanography Command Detachment China Lake, June was the hottest June ever recorded at Armitage Air-

field's weather office, with an average maximum temperature of 104 degrees. The usual June average maximum temperature is a cool 95.5 degrees in comparison.

And July, he adds, seems to be setting another record. The average maximum

temperature for July is 102.3 degrees, but by midweek, the average highs for this month were a scorching 112 degrees.

Last Friday's 117 degrees was the hottest ever recorded here officially

## Study wins TD Award for Stephens

"The excellent job that you and others have done on the Conventional Strike Warfare Study has brought a lot of honor to China Lake," Burrell Hays, NWC Technical Director, told K. M. Stephens as he presented Stephens with the Technical Director's Award Monday.

"Your work on this study made you literally indispensable to its success. The credibility of Code 12 is probably higher than it has ever been because of the quality of work you've performed," Hays continued, as he handed Stephens the engraved paperweight, citation and stipend comprising this award.

The Conventional Strike Warfare Study, an assessment of strike and antisurface Warfare, is a joint task of NWC and the Center for Naval Analysis. Stephens, project leader for NWC, directed and coordinated the efforts of a large number of participants, including people from CNA, Naval Air Systems Command, Naval Surface Weapons Center, contractors, and NWC personnel from both the Weapons Analysis Group and the Electronic Warfare Department.

Results of the study have been briefed at

all Navy levels. Secretary of the Navy John Lehman, acting on study recommendations, authorized work to begin on Advanced Strike and Advanced Interdiction Weapons.

The Chief of Naval Operations (OP-095) has asked the joint project to continue and has indicated its intent to use the results for long range planning.

Hays commented that Stephens' recognition of real world problems was a major factor in his becoming literally indispensable to the study. In addition, Stephens, on his own initiative, has also used his contacts to keep NWC management and engineers informed on future weapons and aircraft system characteristics and to facilitate the transfer of advanced weapon system technologies.

Stephens, obviously surprised at receiving the award in an all-hands meeting of Code 12, commented only that "I'm honored. I can't say much else."

An Operations Research Analyst, Stephens has been at NWC since 1973. He holds a bachelor's degree in physics from the University of Missouri.



**WELL-DESERVED AWARD** — Burrell Hays congratulates K. M. Stephens as he presents Stephens the Technical Director's Award Monday in the Weapons Planning Group conference room.



**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

**Heat sickness dangers are very real in summer**

Hear the word "heat prostration" and you may get an image of fragile ladies in crinolines swooning on the porch of a big mansion.

But real men and strong women can get heat sick too — soldiers standing in formation on a hot day, sailors in an engine room, or Marines climbing a cliff in antichemical warfare suits.

Caring for the victims of heat problems — there are actually four kinds of heat sickness — is part of Dr. George Benjamin's job. Dr. Benjamin is a physician at Walter Reed Army Medical Center. Studying causes and ways to prevent heat sickness is the job of Dr. Dave Miller, a research physiologist at the Naval Medical Research Institute in Bethesda, Md. Here is some information on the subject from the two doctors and from a tri-service manual on heat sickness.

For joggers in the United States, "the real risk is for those who may want to undo a winter's lack of exercise on one warm day. Regular athletes are adapted to the heat — they sweat more effectively — but anyone can get heat sick," says Dr. Benjamin.

The mildest form of heat sickness — heat rash — interfaces with the body's ability to sweat, making other heat problems more likely. Other risk factors for heat sickness are medications such as "fluid pills" and some heart medicines, being overweight, and being very young (infants) or very old. Persons who have suffered heat sickness before are likely to suffer a more serious case the next time they are under heat stress.

Heat cramps — that pain in the gut you may feel while running on a hot day — are an indication that you should rest and drink fluids. Juice and soft drinks are recommended over plain water because heat cramps are usually brought on by a lack of electrolytes or body salts.

Victims of heat exhaustion can feel dizzy and nauseated and have muscle cramps, but the basic symptom is just feeling too tired to move. Some heat exhaustion sufferers pass out. The person usually appears pale, and has cold clammy skin because of "peripheral vascular collapse" due to loss of salt and water. Treatment is to get to a cooler place, rest, and replace fluid and electrolytes.

The most serious form of heat sickness, heat stroke, can be "like being shot in several places," says Dr. Miller. That is because the body loses more oxygen under extreme heat stress than it can replace — resulting in damage to internal organs. The lack of oxygen in the brain can result in a confused or unconscious patient. With prompt treatment — first to cool the body and then to deal with oxygen-loss damage — "heat stroke victims can usually be brought back 100 percent," says Dr. Miller. Without prompt treatment, the mortality rate is high.

How to avoid heat sickness if you must work or exercise in a hot place? Drink fluids, don't skip meals (you need the salt and sugar) but don't overeat, and if possible, wear clothing that allows airflow. Salt pills are not recommended (except in a few cases when your medical officer may prescribe them) and may actually make you sicker.

**Employee in the Spotlight**

**There's no place like home says Karen Haden**

Even after living in a foreign country and traveling throughout the world, one Center employee believes that there is no place like family and home, not to mention the job possibilities in the area.

The Naval Weapons Center has been a part of Karen Haden's life on and off for the past 13 years. Hired as a summer employee for the first time in 1972, she worked in the Supply Department as a procurement clerk and buyer for the next four years during academic holidays. In 1976, she graduated from the University of Colorado at Boulder with a degree in business.

Through interviews at college, she was offered a position teaching high school level business courses in Australia. She accepted the job, and spent the next two years living near Melbourne. She spent her spare time traveling and experiencing the different cultures in and around the area. Some of her vacations included a trip to the Great Barrier Reef just off the coast of Queensland, and a one month cruise aboard a ship that docked in ports such as Manila, Hong Kong, Singapore, Bangkok, and Bali. In addition, she traveled to New Zealand and Tasmania.

The Australians take their vacations quite seriously, and while I was there, so

did I." Since the school system is set up on the trimester system, there are two two-week breaks and one six-week break in which to take holidays.

In 1978, after two years in Australia, Mrs. Haden decided to return to the United States — via Europe. Taking a leisurely four-month trip, she visited Japan, the Scandinavian countries, Russia, Turkey, and central and southern Europe.

On her return to the states, she came to Ridgecrest to visit with her family and to find employment as a teacher. After some consideration, she applied and was accepted on Center as an Administrative Junior Professional (AJP). She completed her tours in the areas of budget, contracts, management analysis, and spent time as an administrative officer (AO).

It was during this time she met the man she would eventually marry, Doug Haden. They have been married for the past three and a half years.

Following her tours, she accepted the position of Administrative Officer in the F/A-18 Program Office. She stayed with that position for almost three years. Mrs. Haden says, "I think the AJP program is one of the greatest programs the base has to offer. When I finished my tours, I had so

many exciting job offers — it was hard to choose, but I never regretted my choice."

In an effort to further her professional development, Mrs. Haden accepted a position in the Code 31 Field Station Program Coordination Office working on the AV-8B Program. In this position she was heavily involved in the financial workings of NAVAIR and the AV-8B Class Desk.

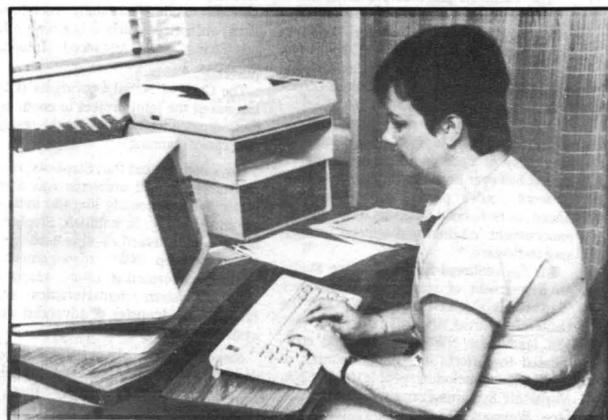
In 1983, Mrs. Haden returned to the Supply Department to fill a new position, that of Administrative Officer for the Contracts Division. "The position," according to Mrs. Haden, "was very different from the program office AO position that I had with F/A-18. There was very little financial work but lots of personnel and management analysis."

Approximately one year ago, another new position in the Supply Department

developed, and she moved into the job. She cites her growing interest in computers as the reason for the change. "I saw the possibility of blending my developing interest in computers with my career, so I took advantage of the opportunity."

Responsibilities that Mrs. Haden considers a part of her job as a Program Analyst include strengthening the relationship between the Supply Department and the Information Systems Group (Code 14). She is assisting in laying the ground work for the Center to assume ADP contracting authority.

Says Mrs. Haden, "I think computing resources are becoming more indispensable to every professional here at the Center. It is an exciting challenge to help develop the team necessary to satisfy the computing needs of the Center."



**BUSY AT WORK** — Karen Haden, Program Analyst for the Contracts Division of the Supply Department, is working away at her computer terminal. Mrs. Haden, who began working at China Lake as a summer employee, returned to the area and eventually to the same department where she was first employed by the Center.

**Reserves...**

(Continued from Page 1)

active duty personnel at the NWC Branch Clinic. "The liaison and communication with active duty personnel manning the clinic has been just great," he commented.

"We want people to know the reserves have made big strides in improving training and in putting people in places where they can perform.

From physicians carrying a full load of patients to a corpsman stitching up a cut in the urgent care facility, reservists are busy throughout the clinic.

"There are people working in supply, medical records and the pharmacy as well as in urgent care," commented the Senior Chief.

HM2 Mike Patterson, a California Highway Patrolman in civilian life, noted they (reservists) have put casts on broken limbs, administered EKGs, done laboratory work and more while on active duty.

Petty Officer Patterson noted the reservists were at China Lake to support the clinic and to gain additional training in health care fields.

He also commented on better quality of personnel now attracted to reserve duty. "We have to meet the same standards as active duty personnel in physical fitness, grooming and for promotion. The reserves have really improved," he said.

An improvement in reserve training, more stress on being a part of the Navy and improved recruitment have allowed Branch Clinic China Lake Reserve Unit 119 to move to an R-1 readiness level this year. This, said Senior Chief Cavin, was based on drill performances, staffing training and more. It compares to an R-4 readiness level last year at this time.

This is just the second year of existence for a unit solely designed to support NWC's Branch Clinic. It has made a big difference to reservists like HM2 Patterson who felt he could get better health care training with this unit. It was the change in focus by reserve that enticed him back into service.

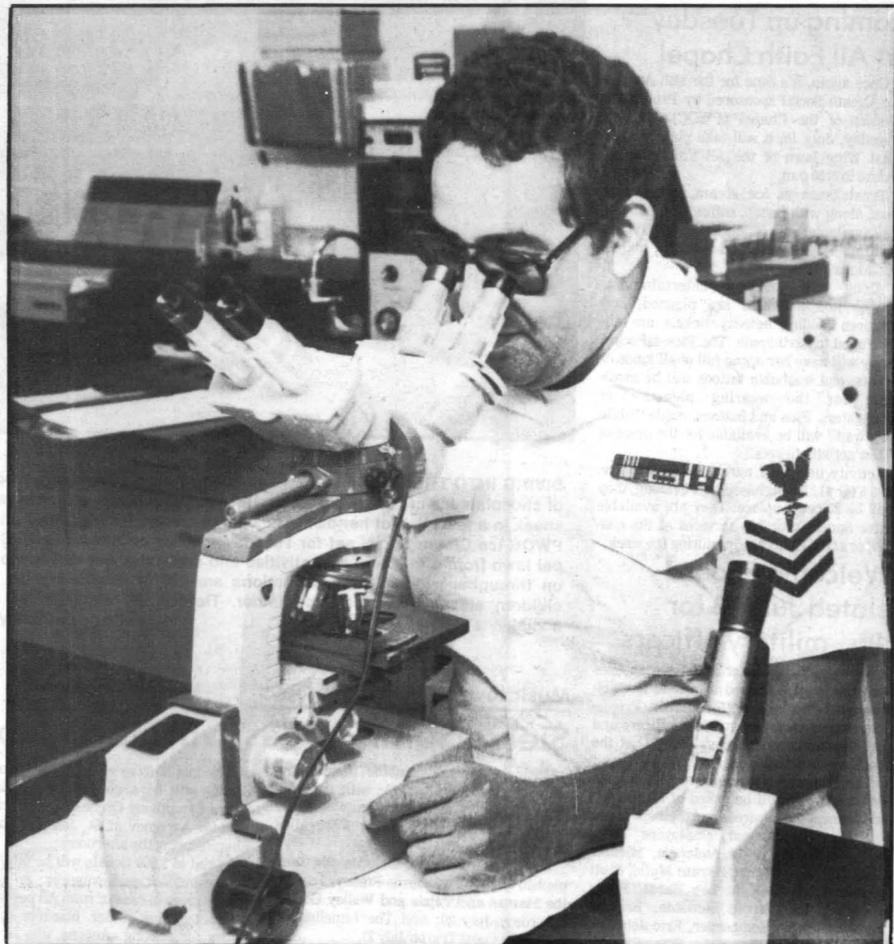
In addition to training, Petty Officer Patterson, like Senior Chief Cavin, noted the extra pay helps as does the ability to work toward reserve retirement.

Weekend drills frequently find area reservists working to support NWC Reserve Support Unit 0176 and the Seabees of China Lake Detachment, Reserve Mobile Construction Battalion 17.

In addition to their two weeks of annual active duty, reservists drill every month and once each quarter drill at China Lake to better prepare for their man function of support for the Branch Clinic.

As an additional benefit to NWC and this branch clinic, reservists have volunteered to do school and athletic physical exams for China Lake military personnel and their dependents on August 16 from 8 a.m. to 2:30 p.m. at the Branch Clinic.

Senior Chief Cavin called the reservists "quite dedicated." He praised the individual reservists and complimented Branch Clinic personnel for their ability to work together during these two weeks of active duty each year.



**AN UP-CLOSE LOOK** — Peering through a microscope at a blood sample, HM1 Elpidio Castaneda stays up-to-date in medical laboratory practices through monthly drills and his two-weeks of active duty at NWC Branch Clinic as a member of Branch Clinic China Lake Reserve Unit 119.



**X RAYS** — Taking a look at a back x-ray, HM1 Michelle Burnham, a reserve hospital corpsman talks to active duty x-ray technicians about what it shows.



**COMMANDING OFFICER** — Cdr. Elsa Ang, MD, commands the reserve unit supporting NWC's Branch Clinic this summer.



**SAM RECRUIT** — HN Karen Maloy, a reservist under the Sea-Air Mariner Program, checks out medical records as part of her two weeks of active duty at the NWC Branch Clinic this summer.

Photos by  
PH2 Rick Moore

**NWC Rocketeer**

Captain K. A. Dickerson  
NWC Commander

B. W. Hays  
Technical Director

Denny Kline  
Public Affairs Officer

Mickey Strang  
Editor

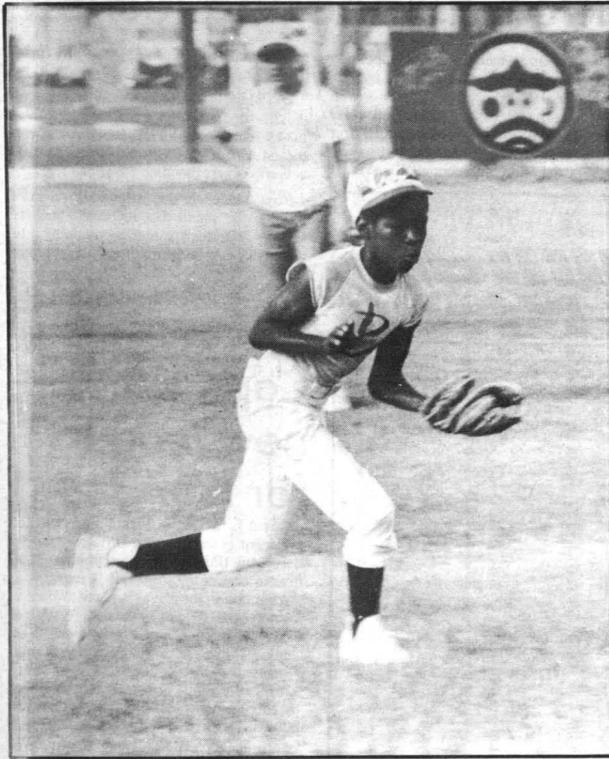
Steve Boster  
Associate Editor

PH2 Rick Moore  
Staff Photographer

Official Weekly Publication  
Naval Weapons Center / China Lake, California 93555-6001  
(619) 939-3354 or 939-3355

Deadlines: News Stories-Tuesday, 4:30 pm / Photographs-11:30 am

The Rocketeer receives American Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NAVSO P-35 revised May 1979. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official view of the Department of Defense. Information in the Rocketeer is authorized for public release by the Naval Weapons Center Public Affairs Officer, Code 003.



**ALL STARS** — Players on China Lake Little League's All-Star team have been holding practice sessions as they prepare for this weekend's opening of the District All-Star Tournament. Action begins at 5 p.m. tonight (Friday) at China Lake Diamond 4. The double elimination tourney will conclude with a championship game set for Wednesday, July 17 at 7 p.m. Teams from Ridgecrest, Searles Valley and Kern River Valley join the China Lake squads in the competition.



## Sports

### Innertube water polo offered by Center

Innertube water polo is being played at the NWC indoor pool from 7 to 9 p.m. each Monday evening until Aug. 19. Anyone over 11 years of age who can swim four widths of the indoor pool is invited to join in the fun, even without any previous experience. Cost is \$1 per night.

Mondays, Wednesday, and Fridays from 10 to 11:15 a.m. a basic rescue and water safety course is being taught at the CPOM pool. Cost is \$10 per person for the entire session, which runs from July 15 through Aug. 2. Participants must be 11 years of age and older. The course is designed to

provide elementary water safety information to anyone interested in aquatic recreation.

Youths 15 years of age and older can participate in a Senior Lifesaving class from 7:30 to 10:00 a.m. Mondays, Wednesdays, and Fridays from July 15 to Aug. 2 at the indoor pool. Cost for this course is \$18 per person. Participants are required to swim 50 yards of each of the following strokes before enrolling in the class: breaststroke, sidestroke, crawl, and backstroke. Upon successful completion of the course, participants will be Red Cross Certified.

### Trout stocking continues

Barring adverse weather, water or road conditions, the following lakes and streams, listed by county, will be restocked this week with catchable-size rainbow trout from Department of Fish and Game hatcheries:

**KERN** — Brite Valley Lake, Kern River (from Democrat Dam to KR1 Powerhouse, Borell Powerhouse to Democrat Dam, Isabella Dam to Borell Powerhouse and KR3 Powerhouse to Lake Isabella).

**MONO** — Bridgeport Reservoir, Buckeye Creek, Convict Creek, Convict Lake, Deadman Creek, Ellery Lake, George Lake, Glass Creek, Grant Lake, Green Creek, Gull Lake, June Lake, Lee Vining Creek, South Fork of Lee Vining Creek,

Little Walker Lake, Little Walker River, Lundy Lake, Mamie Lake, Mammoth Creek, Mary Lake, McGee Creek, Mill Creek, Owens River (at Benton Crossing and Big Springs), Robinson Creek, Rock Creek (from Paradise Camp to Tom's Place and Tom's Place upstream to Rock Creek Lake), Rock Creek Lake, Rush Creek, Saddlebag Creek, Saddlebag Lake, Sherwin Creek, Silver Lake, Swauger Creek, Tioga Lake, Trumbull Lake, Upper and Lower Twin Lakes Bridgeport, Twin Lakes Mammoth, Virginia Creek, Upper and Lower Virginia Lakes, Walker River (from Chris Flat Campground to town of Walker and Leavitt Meadows Campground to Sonora Bridge).

## Persistent anglers catching most fish at Lake Isabella

by Mike Vradenburg

Weather has been extremely hot at Lake Isabella, and most fish are being caught from 5 to 9 in the morning and at night after 8 p.m. Many fish have already spawned and the small fish are schooling along shore in the protection of the brush, trees, and rocks.

Plankton and algae are growing rapidly and an abundance of natural food is available for the young fish.

able for the young fish.

Bass, crappie, and bluegill fishing is slow, but persistent anglers are catching a few. Anglers fishing at night from shore are catching numbers of two to five pound catfish.

Catfish start feeding at dusk and continue until early in the morning. Most anglers are using 8 to 17 lb. test line with a No. 2 or No.

4 hook attached.

Strong smelling baits work best cast 50 to 100 feet offshore. The best areas to fish are Boulder Gulch, French Gulch, Piney Point, Kissack Cove, Joughin Cove, Rabbit Island, and from Camp Nine to the airport.

Most bass have already spawned and are in their recuperation period. This time of year bass are easily spooked and

for many anglers fishing is slow. Rubberworms and minnow shaped surface plugs casted among the trees, bushes, reeds, and rocks are producing. Most bass being caught are in 6 to 10 feet of water in Joughin Cove, Southlake, Rabbit Island, Camp Nine, and Boulder Gulch.

Numbers of crappie and bluegill are still being caught in the southlake area on jigs, spinners, and worms.

## Safety class set

Tuesday, July 16, is the last day to sign up and register for the Hunter Safety Class being offered by the Sierra Desert Gun Club. This two-day school will be conducted on Saturday and Sunday, July 20 and 21. The class will meet from 8 a.m. to 3:30 p.m. on both days.

All first-time purchasers of a California hunting license must receive training in firearms and archery safety, sportsmanship and game management and conservation from a Certified Hunter Safety Instructor. Upon successful completion of such a training course, the student receives a validated Hunter's Safety Certificate which must be presented to the licensing agent when purchasing a California hunting license.

This school, open to all residents over the age of 12 years of the Indian Wells Valley and Searles Valley and surrounding areas, will be taught by certified instructors of the Sierra Desert Gun Club at the club's rifle and pistol target range and clubhouse facilities on the Naval Weapons Center.

Advance registration and sign-up for the school is required, as the class will be limited to 50 students. Interested persons may register at the sign-up table set up in the lobby of the Ridgecrest Police Station.

The sign-up table will be open on Saturday, July 13 from 9 a.m. to 1 p.m., and Tuesday, July 16 from 7 to 9 p.m.



**HEFTY SWING** — A member of the Chief's team in NWC's Military Softball League takes a healthy swing at a pitch in action this week. The league continues into August with games at Schoeffel Field twice a week. — Photo by Steve Boster



## The Skipper Sez...

Recently I have received several calls expressing concern that support in the Small Purchase area is causing difficulty in meeting mission related requirements. I am aware of these concerns, and steps are being taken to improve the situation.

The major contributing factor to the difficulties associated with the volume of purchases the Supply Department is currently dealing with and the resultant increase in the lead times are:

a. The volume of stubs submitted is up 15% since January 1985 relative to the same period in FY 84. This results from a significant increase in NWC employee population (up 9.7%) and budget (up 22.2%). Also, the August flood resulted in a large amount of funding for procurement of replacement items lost in that disaster.

b. Continuing publicity of "horror stories" of overpricing has caused DOD-wide heavy emphasis on competition and price reasonableness. The actions to comply with these regulations and to document the effort takes additional time.

c. Experience level in the Small Purchase Branch is low as employees are selected for other positions across the Center. New hires seldom have prior experience. Training new personnel takes up time of those more experienced.

Here is a partial list of what is being done to improve the average time required to obtain materials.

a. The Small Purchase Branch has been authorized increased staffing. These positions are now filled, albeit with "trainees."

b. Two new supervisory positions have been established in the Small Purchase Branch to screen and assign incoming work and to allow the Branch Head more time to deal with systemic issues.

c. In advance of the additional hiring and currently to supplement these personnel until the backlog is reduced, customer codes have provided a "Tiger Team" to place some of the more basic orders under the oversight of purchasing agents.

d. There has been some return to assigning buyers to commodities vice customer codes. This is expected to improve buyer knowledge of the commodity, thereby decreasing problems in understanding what the customer wants and the seller is offering.

e. An employee within each department has been designated as a "focal point" to review the stubs for clarity and errors and to help prioritize the procurement workload.

f. Stubs that have insufficient data to proceed with the buy are being returned to the customer (via the focal point) rather than having the buyer spend time to research.

g. The manual tracking of stubs in process has been enhanced pending OASIS completion; e.g., priorities and special interest items are in various colored folders for faster identification.

On a longer term basis, two tests are being conducted with buying collocated within requiring departments to improve communication and reduce movement of stubs. First, authority to place orders up to \$500 against blanket purchase agreements (BPA's) is being delegated to selected customer code personnel in certain commodity areas. If this effort proves beneficial, other relocations will be carried out. A further action which will take longer to complete is a closer review of items being bought to determine if repetitive material shouldn't be stocked or bought on individual purchase actions. This effort has already proved successful with some of the ADP supplies. Finally, in cooperation with the Naval Oceans Systems Center, NWC is pursuing a "demonstration project" in the procurement area which could provide relief from some of the current restrictions on the procurement process.

Your concerns are shared by management. But it is not a simple problem that can be fixed overnight. The efforts described above are expected to bring significant improvement over the next 60 days, and more importantly, some lasting improvements to the situation. You can help by providing clear and complete descriptions of the items you need, by responding promptly to any requests for information from your buyer or focal point, and by minimizing your calls for status. When you do have a critical requirement, contact your departmental focal point.

### And furthermore . . .

You have all read or heard about the recent headlines concerning the Small Purchase operations at NAS, Miramar, and the firing of the Supply Officer and Commanding Officer as well as the removal of Miramar's purchasing authority. The problem was repeated purchases of items at excessive prices and failure to take action to correct audit reports which reported those deficiencies in the purchasing function. I fully appreciate that it can be "penny wise and pound foolish" to delay a million dollar project while we try to save 10% on a \$30 item. However, the Miramar case and other "horror stories" on relatively low-priced items have an adverse effect on the attitude of the public and Congress toward our budget for major programs. It is the job of every NWC employee to help make sure we get our money's worth when we spend our and other taxpayers' dollars. That duty includes making sure that requirements are not excessive in either quantity or quality; i.e., not "gold plated." Competition usually ensures fair prices. If competition does not exist, both the requirer and the buyer must be alert to the potential for unreasonable prices. Prices that are higher than you would pay with your own checkbook should be challenged and explained. If material is received which appears to you to be substantially overpriced, you should report it to the Center's pricing hotline, extension 3488.

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.



**ENGINEERING ACCOMPLISHMENT RECOGNIZED** — Mayor Anna Marie Bergens of the City of Ridgecrest signs a proclamation honoring the U.S. Space Program as (l. to r.) Ken Katsumoto and Patrick Keller, members of professional engineering societies belonging to hIDEA, and Capt. K. A. Dickerson (who also signed the proclamation) watch. Capt. Dickerson and Mayor Bergens then received tickets to the banquet to be held on July 19 at which the Strategic Defense Initiative will be discussed. — Photo by PH2 Rick Moore

## JPL scientist will speak at Space Week Observance

Dr. Robert M. Nelson, a Senior Scientist with the Jet Propulsion Laboratory in Pasadena, will talk about "Star Wars: Fantasy or Reality" at an open meeting of the High Desert Engineering Association (hIDEA) on July 19.

All interested persons are invited to attend this meeting at the Enlisted Mess honoring U.S. Space Observance Week.

The dinner meeting will begin with a social hour at 6 p.m., followed by a three-meat buffet (beef, turkey and broiled cod) before the program begins.

Dr. Nelson will present an assessment of a Star Wars defense against nuclear weapons, the possible effects of such defense on the deterrent postures of the United States and Russia and the probable cost of implementing such a system.

He holds a bachelor's degree in physics from the City College of New York; a master's degree in astronomy from Wesleyan University, Middletown, Conn.; and his doctorate in planetary sciences from the University of Pittsburgh.

He has written extensively, and is a member of several professional societies.

## Firefighters lend a hand

Although none of the fires that raged in California in the past couple of weeks were immediately adjoining Center lands, NWC's Fire Division personnel lent a helping hand to other firefighters on the blaze that closed Highway 178 through Kern Canyon.

On June 28th, the fire department for the Sequoia National Forest called NWC and asked if a crash truck and crew could stand by at the Richbar Campground (at the west end of Kern Canyon) during helicopter operations.

At 3 a.m. on the morning of June 29, firefighters Bob Burk and Rick Winniford took a crash truck to the site, and remained on duty there until 11 p.m.

The following morning they were replaced at 4 a.m. by firefighters Dennis Squier and Leroy Meier, who remained on-site until 11 a.m. and on July 1, Bob Guinn and Mike Vradenburg reported at 4 a.m. and remained until 9 that night.

The crash truck was left at the site during the three days, with the firefighters driving back and forth in a pickup truck until helicopter operations ceased and the truck could be brought back to China Lake.

The NWC Fire Division has a mutual aid agreement with other fire departments in the area so adequate resources can be provided for emergencies.

## If it goes in, it should come out

Absentmindedness can cause problems, warns LCdr. Terry Briggs, head of Explosive Ordnance Disposal (EOD) Group One Detachment China Lake. Especially, he adds, if such absentmindedness results leaving behind packages, briefcases or parcels in a restricted area.

Any suspicious item can result in the bomb team having to check it out, which also results in work time lost for those in the surrounding area that may need to be evacuated as a precaution.

"It's easier just to be sure that you carry back out with yourself anything that you take into any spot that requires a badge to enter, such as Michelson or Thompson or Lauritsen Laboratories or any of the Center's myriad of work places," he notes. "It'll save you wondering where you left your possessions — and it will also save concern on the part of those who find an unidentified and apparently ownerless package."

## Logicon talks on software

Representatives of Logicon Corporation will present an unclassified briefing on their efforts in software verification and validation on Wednesday, July 17 from 1 to 3 p.m. in the Michelson Laboratory Management Information Center (MIC).

A short background on the methodologies they use as well as examples from specific projects and automated V&V tools will be discussed.

Questions regarding this presentation should be directed to the Embedded Computer Technology Office, Code 31C, NWC ext. 5674 or 5126.



**WORKING TOGETHER AS A TEAM** — Clients from the IWVARC help sort and tag many of the donations received by the Discovery Thrift Shop. The shop is the primary means of support for the Jude Gibeault Center, which houses six developmentally disabled adults in a semi-independent living situation. Shown

here helping with the chores at the shop are Rosemary Baily, one of the ARC Supervisors, Debbie Shicky, Wendy Knapp, John Blanchard, Francis Keithley, Sheila Peters, Corinne Hoxela, and Janis Yockey. The shop is located at 216 W. Ridgecrest Blvd. — Photo by PH2 Rick Moore

## IWVARC's new services add to an outstanding program

Over the past several years, new services provided by the Indian Wells Valley Association Of Retarded Citizens (IWVARC) have added a diversity to further strengthen an already outstanding program.

In 1973, parents of ARC clients were concerned with the lack of adult programs for their children who were growing older. While many were enrolled in special education program within the public school system, they would not be able to continue in these programs past their 18th birthday.

These concerns were the foundation for beginning the activity program day center for the local area. Spearheading the project was Dr. Suzanne Hard who is now the Executive Director of the IWVARC. In 1977, the facility changed its focus from an activity center to a work activity center.

The primary function of the ARC is to assist the developmentally disabled to achieve maximum potential by providing quality services, programs, and education to clients, family and community. In addition ARC raises funds to support the programs and services through the generation of income, and does its best to preserve entitlements for the developmentally disabled population at all government levels.

When the center changed over to a work activity center, a work program, High Desert Production, Ltd., was introduced. This program has continued to expand since its inception; it provides a tie to NWC as well as the community. Clients are responsible for landscaping some yards on-center, occasional maintenance of the fence lines, and for filling in color coded computer menus. They complete the same type of tasks in the local community, as well as working at the ARC Discovery Thrift Shop. As they have more opportunities, they receive more wages; with more income, more independence and choices are available in all phases of their lives.

In addition to the work program, ARC operates six full time programs. Desert Area Independent Living (DAIL) is the newest component of Residential Services and consists of developmentally disabled adults living in their own apartments within the community. They attend Association and/or other community programs

daily with DAIL trainees giving instruction in independent living skills in the evenings. The DAIL program is the only one of its kind in the surrounding area. Prospective clients travel from as far away as Los Angeles because of its unique qualities and opportunities for independence.

Through Independent Living Skills Training, classes are offered in social, recreational, emotional, cognitive, communicative, and vocational skills. Specific classes include money management, food preparation, adjustments to change in the physical environment, expressive language, and writing and job seeking skills.

The Jude Gibeault Center, operated by Residential Services, is a group home for six developmentally disabled adults who live at the Center and attend Association programs while receiving training in semi-independent living skills.

The Discovery Thrift Shop operates as an income-producing business to help support the Jude Gibeault Center and other client programs. Located at 216 W. Ridgecrest Blvd., it is operated entirely on donations from the community.

The Recreation Program offers classes in physical fitness and exercise, team sports, the arts, environmental awareness, and socialization. In addition, all Association adults participate in the Kern County Special Olympics each year. Overnight camping, tours, parties, and special events such as river rafting are held regularly.

ARC received a bus from CalTrans through a grant, so transportation services are provided to all clients at no charge to and from the IWVARC Center all through the week and for recreational and social events.

The Infant Development Program provides developmental activities twice a week in a pre-school setting to promote the attainment of the maximum potential of developmentally delayed infants and toddlers up to three years of age.

Persons interested in volunteering time to the IWVARC are encouraged to call 375-9787 and speak with Peggy Shaen, IWVARC volunteer coordinator. Each of the programs has a list of needs, and volunteers may choose the program to which they would like to donate their time.

## Fire danger still growing on the desert

High temperatures and dry brush create fire hazards on desert lands as well as in the mountains, so anyone in the desert should be exceptionally careful with campfires, with dropping burning matches or with throwing cigarettes to the ground before they are completely out.

As an indication of how rapidly such a fire can spread, lightning struck on the desert near Symmes Creek just west of the town of Independence last Saturday, July 6, and set desert bushes on fire. The fire spread rapidly (when winds blew Sunday, the fire actually moved at 10 miles per hour); by the time the fire was controlled Tuesday at 9 p.m., it had spread to more than 9,800 acres, with more than 350 firefighters on the line.

This interagency firefighting effort stopped the blaze less than a quarter of a mile from dwellings in Independence. Residents of the Seven Pines area (on Onion Valley Road) were also evacuated briefly.

Desert bushes burn readily. Creosote bush flares, burning with a very hot fire. Sage brush also almost explodes in flames. And any grass on the desert generally is so dry that it can be used as tinder.

Range fires move much more rapidly than forest fires tend to. They do pose a real threat to the environment — and to homes in desert communities.



## China Lake Police Reports

In a major instance of vandalism, unknown persons damaged the motorcycle of a victim living in Center housing. The damage will cost approximately \$700 to repair.

In three recent traffic accidents, both cars and a building suffered. In one instance, a driver struck a support pole at Bldg. 10630, causing moderate damage. In the second instance, one driver failed to see a vehicle while backing, striking the other vehicle. In the final case, a vehicle carrying gravel from the CLPP access road lost portions of the gravel, which struck three vehicles and caused minor damage to all of them.

Unknown persons removed four secretarial chairs from either Warehouse 15 or Michelson Laboratory. The missing chairs are valued at \$3,000.

Unknown persons took a victim's bicycle from outside the Commissioned Officers' Mess pool on July 3. The value of the bicycle is \$150. At the Chief Petty Officers' Mess pool, unknown persons took \$12 in cash from an unlocked, unattended cash box.

Police were called to quell a family disturbance when husband and wife were involved in a physical and verbal altercation. The husband left the household.

A keyring with one Toyota key was found near Warehouse 24. It can be reclaimed at Bldg. 1033 by telephoning NWC ext. 2997.

A bicycle whose value was \$75 was reported stolen from the front porch of an old duplex at 610 Ellis.

A military man was picked up by military authorities and confined for indecent exposure on July 4. While still confined, a judge from East Kern Municipal Court signed a warrant for his arrest on another indecent exposure charge, so he was arrested on that warrant and

transported to Kern County jail.

A driver stopped at Parsons and East Inyokern Road proved to be under the influence. The driver was incarcerated for 5 hours and released on a misdemeanor citation into East Kern Municipal Court.

A resident on Sellars Circle reported that some unknown persons had removed a graphic equalizer worth \$50 from the residence.

A noninjury accident occurred on East Inyokern Road when Driver 2 swerved into Driver 1's lane. Minor damage was sustained by both vehicles.

Officers stopping a vehicle for running a stop sign at the corner of Blandy and Lauritsen found the driver was pregnant and experiencing abdominal pains. She was escorted to the hospital.

A hit-and-run collision left one vehicle with minor damage to the right front passenger door on Monday.

Bicycle accessories were stolen from a bike parked next to Hangar 1 on Monday. The value of the missing items made it a petty theft.

Vandalism to a horse trailer was reported Monday at the NWC Stables. A trailer door had been pried open and hinges sprung when it was forced too far.

A military enlisted member was referred to Military Administration for threatening the life of a commissioned officer during a verbal altercation on Monday.

The hot weather hasn't done tempers any good. In one husband-wife dispute, the wife threw a kitchen knife at her husband (she missed); in the other, the husband became so frustrated that he hit the wall of the house, putting a hole in the wall and damaging his hand severely enough so that he had to be transported to the Branch Medical Clinic.

## Rifle teams gives competition a shooting lesson

Seven members of NWC's Rifle Team gave seven other teams a shooting lesson in Nevada State Rifle Championships by capturing the 1,000 yard service rifle and overall service rifle titles last week at Pyramid Lake, Nevada.

FTCS Nelson Foucher, team captain and coach, said they won despite miserable conditions that included smoke from nearby range fires, rain and blowing sand.

Honors went to more than just the team. AZI Rod Minnick took firsts in 600-yard expert class with a 186-6X and 1,000 yard individual competition with a 353-6X score. To cap it off, he captured a gold medal in Excellence in Competition Match sponsored by the Department of Civilian

Marksmanship, shooting 364-9X.

Senior Chief Foucher attributed the low winning team score of 646-7X to the conditions during competition. He noted NWC held a 15-point edge over the second place squad.

Other teams included in competition were from Air Force, Marine Corps and the Air National Guard.

Individual matches in marksman class action found ATCS Gary Cooper taking first in the 300-yard rapid fire event and second in 600-yard slow fire competition. ADI

Mark Bauer was second in 200-yard rapid fire shooting.

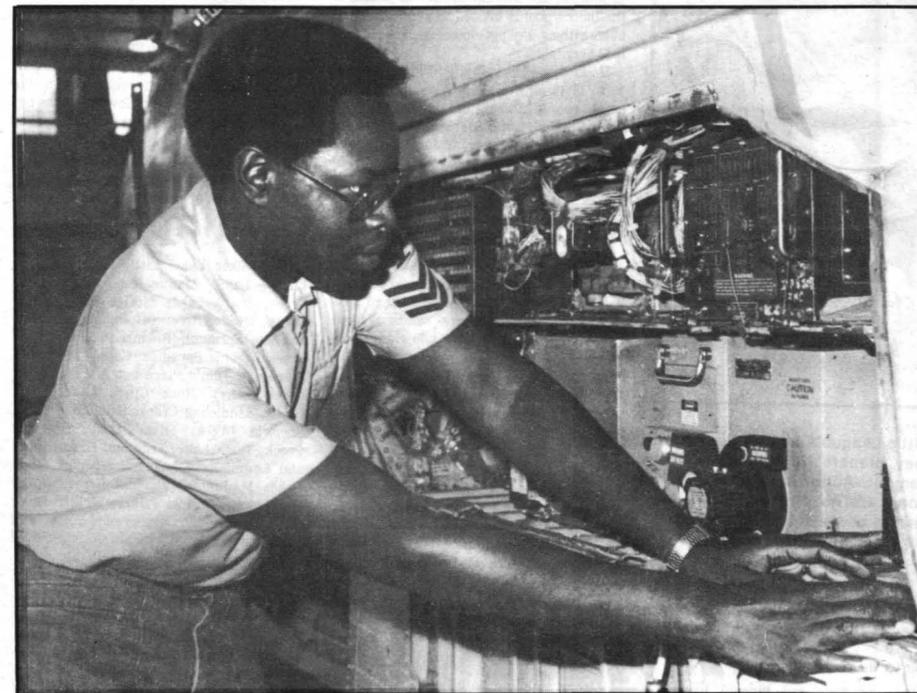
FTI Mark Mahoney captured first spot in the 200-yard slow fire expert class with a 192-2X score. Also, FTMC Jeff Mattick was second with a 178-3X in 600-yard slow fire action in expert shooting.

First place service rifle team honors went to the squad that includes Foucher, Mattick, Minnick and Mahoney, adding it to the high service team title. The winning score was 1792-6X.

Other team members shooting in individual matches included ADI Bauer, ATCS Cooper and CWO-3 Tom Williams.



## Military News



**HONORED VAMPIRE** — AE1 Sammie Allen, night check supervisor of VX-5's electrical shop was chosen Supervisor of the Quarter for the second quarter of 1985. Capt. A. Martin Phillips, Commanding Officer,

presented Petty Officer Allen with his certificate of accomplishment during military quarters ceremonies last month. AE1 Allen has been at China Lake for 18 months. — Photo by PH2 Dennis Mugglin

## AE1 Allen top VX-5 supervisor

Giving credit to the people who work under him for making it possible, AE1 Sammie Allen, Sr. was named Supervisor of the Quarter for Air Test and Evaluation Squadron Five (VX-5).

As night check supervisor of the VX-5 electrical shop, Petty Officer Allen is responsible for keeping electrical problems on squadron aircraft under control.

Trouble shooting discrepancies on all five different types of aircraft flown by VX-5 takes "a wide span of knowledge, in-depth technical knowledge of aircraft electrical systems."

The squadron's top supervisor was formally announced by Capt. A. Martin Phillips, VX-5 Commanding Officer, at military quarters ceremonies last week. With VX-5 since October of 1983, AE1

Allen noted he had been night check supervisor for the entire period. He is a veteran of nine years in the Navy and came to China Lake from duty as supervisor of a power plant test cell on Guam.

Petty Officer Allen said there is a lot more to do at VX-5 and noted the real challenge was having so many different types of aircraft to keep in good repair.

This award is based on a supervisor's performance as evaluated by people who use his shop, by division officers and on how much is accomplished during a shift.

"I want to thank the guys who work for me for the great job they've done. No supervisor can become supervisor of the quarter without the help of some pretty good people in his shop," commented AE1 Allen.

He also said he had to thank his wife, Tina for all her support.

The Allens have three children: Vanessa, Christian and Sammie, Jr. Tina Allen is also enrolled in Cerro Coso Community College's Licensed Vocational Nurse program and works at Ridgecrest Community Hospital.

China Lake and VX-5 has been a good assignment, says Petty Officer Allen. He is now fully qualified on four or five types of aircraft flown by the squadron and enjoys living at China Lake.

In addition to a reserved parking place, VX-5's Supervisor of the Quarter honors will bring AE1 Allen a quarter without extra duty and recognition from VX-5 personnel for a job well done.



## NWC Blue captures softball win in Commander's Cup action

NWC Blue, the team representing the Naval Weapons Center's Aircraft Department were 1985 Commanders' Cup Softball winners, sweeping all their games last month.

AE2 Tony Bookout of AIMD was the winning pitcher in the final contest of the week.

NWC Gold, which represents other military personnel assigned to NWC, won the overall championship by a single point, edging out NWC Blue. Teams from Air Test and Evaluation Squadron Five (VX-5) took third place in overall standings for the 1984-85 season.

## Sailing title on the line

Military personnel are invited to take part in the Southern Pacific Sports Conference Sailing Championships for 1985. Competition is set for July 22 to July 26 at Naval Amphibious Base, Coronado in San Diego. Interested China Lakers can register at the NWC Gym office. For more information call NWC ext. 2334 to 2571.

**Navy Hotline**  
for Fraud, Waste and Abuse  
Call: NWC ext. 3521  
or call the Inspector General at:  
(800) 522-3451 (toll free)  
288-6743 (Autovon)  
(202) 433-6743 (commercial)

**INTRODUCTION TO CAD/CAM (16 hours)**  
8, 9 August; 0730-1630; Trailer 1410.

Scope: The basics of the CAEDOS system will be presented for the first-time user.  
Deadline: 18 July

**BASIC NAVAL CORRESPONDENCE PROCEDURES**

13 August, Tuesday, 0800-1600, Cerro Coso Community College, Room 229. By: Mary Lou Smith.  
Intended Audience: Typists new to the Navy and people who type naval correspondence and want a review

Scope: This course focuses on the policies and procedures for typing naval letters and memorandums and highlights the intent of Chapter 1 (Naval Writing Standards) of the Department of the Navy Correspondence Manual. Bring a Navy Correspondence Manual to class if you have one available.

Deadline: 29 July.

**3-D BASIC ENGINEERING GRAPHICS (40 hours)**

13, 15, 19, 21, 23 August; 0730-1630; Trailer 1410.

Prerequisite: 2-D BASIC ENGINEERING GRAPHICS.  
Scope: This course will enhance the student's proficiency in creating model geometry. Emphasis will be placed on 3-D parts construction and manipulation.

Deadline: 30 July.

**PC/ES WKI-ELECTRICAL SCHEMATICS (40 hours)**

20, 22, 26, 28, 30 August. 0730-1630, Trailer 1410.  
Prerequisite: 2-D BASIC ENGINEERING GRAPHICS or INTRODUCTION TO CAD/CAM.

Scope: This course will train users in the basic operation of the CAEDOS system for electrical schematic applications. Concepts, terms, and commands will be explained to enable the student to create a schematic laboratory part.

Deadline: 8 August.

**MAKING IT COUNT - COMPUTER FUNDAMENTALS (26 hours)**

10 September-22 October; Tuesday and Thursday (0800-1000), Annex 1. By: Daryl Vaughn.

Intended audience: Beginning computer students (all levels).

Scope: This course consists of the Boeing Computer Services videotape lecture series and workbook exercises "Making It Count." It will give you a fundamental understanding of computer concepts, history, vocabulary, programming languages, hardware, procurement, program design, and career opportunities in computing. An instructor will be available to answer questions.

Deadline: 27 August.

**Financial and estate planning workshop**

An educational workshop on financial and estate planning will be presented to all interested employees on Wednesday, July 24, by the Regional Investment Specialists at Prudential-Bache Securities. The workshop will be held from 3 to 5 p.m. at Le Parc Restaurant in Ridgcrest.

Seating is limited and attendance will be on a first-come, first-served basis. Employees wishing to attend should telephone Eileen Baird at NWC ext. 2018 by July 12.

Prudential-Bache speakers will include Elaine Kalin, Assistant Vice President of Personal Financial Planning. She is an attorney licensed to practice in the State of California, and spent four years specializing in practice in the field of estate planning.

Also speaking will be John Reed, a lawyer who specializes in estate and business planning, probate and real estate law.

**Bakersfield 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 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.



**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 Knowledges/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 Blandy. 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. 08-030, Accounting Technician, GS-525-4/5/6, Code 0861** — This position is located in the Billing Section of the General Accounting Branch. Incumbent will maintain a Fund Control Ledger using information contained on fund documents and automated reports to reflect amounts authorized by fund documents, costs incurred and billed against those authorizations and the available balance remaining on the fund source. Incumbent will be assigned a group of sponsor and customer orders as his/her share of the total workload which is occasionally redistributed to assure proper balance. Incumbent will be required to accomplish sponsor billings, perform necessary research to isolate and correct errors, prepare reports, reconcile, resolve problems, and perform other related assignments with the Branch. **Job Elements:** Knowledge of Navy Industrial Fund Accounting principles; ability to work accurately with figures; ability to work effectively with people. Promotion potential to GS-6.

**No. 39-064, Program Analyst, DA-345-3, Code 39E** — This position is located in the Advanced Projects Office, Weapons Department. The incumbent will support the Deputy Manager for Contracts and Operations. Duties will include, but not be limited to the following: Assist in establishing contract requirements based on review of technical needs; prepare/review statements of work and other contract related technical information; in concert with technical activities prepare correspondence supporting contractual actions/activities; plan/schedule/monitor contract related requirements; assist in establishing and documenting operating procedures. KSAs: General knowledge of

weapon, electronic, and or avionic systems, the product assurance test and other functions supporting such systems. Ability to plan, schedule, and monitor a wide variety of activities; ability to interact with all levels of personnel across a broad spectrum of technical disciplines; ability to communicate clearly and accurately both orally and in writing. Knowledge of Navy contracting procedures is desirable.

**No. 12-008, Library Aid, GS-1411-3, Code 121** — Promotion potential to GS-5. This position is located in the Intelligence Library of the Weapons Planning Group. Incumbent provides basic library technician services including maintaining a computerized catalog of existing documents; assisting library users in locating documents; notifying users when new information of interest to their projects is acquired; refiling documents; operating a computer terminal accessing a large microfiche data base and for retrieving and filing microfiche in that data base. KSA's: Ability to type; deal compatibly and effectively with people across a broad range of grade levels and technical backgrounds. SECRET clearance is required.

**No. 14-024, Computer Clerk, GS-335/3, Code 1442** — The incumbent will assemble, organize and input data into document entry format, maintain the documents, assist in their input into computer and assist in the maintenance of existing financial and procurement data files. **Job Elements:** (1) Knowledge of basic operating procedures for office automation equipment workstation (i.e., Xerox Star, DECMATE II, IBM 3270-PC, etc.). (2) knowledge of procurement procedures, (3) knowledge of NWC financial procedures governing job order definitions. Promotion potential to GS-5.

**No. 25-074, Supply Systems Analyst, DA-2003-1/2, Code 25012** — The incumbent will provide administrative and technical advice, analysis support, and contractor and user interface for the Information Systems Support Group in the Supply Department and will perform the following duties: provide liaison between contractor programmers and Supply operating divisions for the Inventory Management Procedures Systems (IMPS); assist with preparation of statement of work and Government costs estimate, and act as Technical Monitor for the IMPS delivery order; evaluate contractor performance; issue Specification Requirements to contractor for programs changes and duties not specifically spelled out in delivery order. Substantial opportunity for growth in the use of microcomputers. **Elements:** Knowledge of: inventory management; DOD supply including the acquisition process, receipt of material, material turn-in, disposal of excess or defective material, and accounting for discrepant material; NAVSUP and NAVCOMP manuals and regulations; database management/information systems; technical monitor's responsibility. Ability to write statements of work. Promotion potential to DA-3. Status eligibles may apply.

**No. 25-075, Supply Systems Analyst, DA-2003-1/2, Code 2502** — Position is located on the Administrative Staff of the Supply Department. The incumbent performs studies and analyses of a wide variety of supply system and management problems. Assignments will include researching and writing instructions and procedures, as well as coordinating responses to audit findings. **Elements:** Knowledge of supply systems and procedures, analytical ability, skill in problem solving, ability to communicate orally and in writing, and ability to work effectively as a team member. Promotion potential to DA-3. Status eligibles may apply.

**No. 26-180, Supervisory Facilities Maintenance Manager, DP-1601-3, Code 261** — This position is that of Head, Maintenance Control Division. The Maintenance Control Division is responsible for receiving, planning, and scheduling work requests; implementing the Annual Inspection Plan; developing and scheduling Estimated Standing Job Orders, monitoring the Contract Warranty Program, managing the Major Repair Program, and coordinating of Indefinite Quantity Maintenance Contracts. **Job Relevant Criteria:** Knowledge of the Public Works maintenance system; ability to organize and manage various inter-related programs; ability to interface effectively with other Center organizations, willingness to support NWC EEO policies and goals, and the ability to supervise.

**No. 33-023, Administrative Officer, DA-341-1/2/3, Code 33302** — This position is located in the Phoenix Ordnance Components Technical Office, Fuze and Sensors Department. As the Phoenix Business Manager, the incumbent will manage all program administrative duties. The technical office is responsible for the direction and coordination of all technical aspects of the Phoenix Ordnance Development and production programs under cognizance of the NAVWPNCEN. **Job Elements:** Ability to manage the financial support for a complex weapons development/production program; knowledge of financial management and program management; ability to communicate both orally and in writing; knowledge of program office operation and management goals; and ability to perform independently. Status eligibles may apply. If filled at the DA-1 or DA-2 level, promotion potential is to the DA-3 level, but not guaranteed. Previous applicants need not reapply.

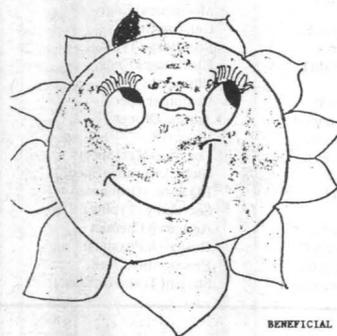
**No. 33-025, Electronics Technician, DT-856-A/1/2/3, Code 3331** — This position is located in the Surface Target Fuze Branch, Fuze Systems Division, Fuze and Sensors Department. The incumbent will fabricate and test electrical and electronic assemblies for fuze designs, test sets, and test equipment for aircraft flight tests and other fuze evaluation. **Job Elements:** ability to perform a variety of tasks associated with electronic devices/systems; knowledge of electronic assembly techniques; knowledge of electronic test equipment such as voltmeters, oscilloscopes, and function generators; knowledge of digital and/or analog circuits design. Status eligibles may apply. If filled at the DT-A, DT-1 or DT-2 level, promotion potential to DT-3, but not guaranteed.

**No. 35-058, Electronics Technician, DT-856-3/DP-856-3, Code 3511** — Serves as digital systems technician, heading further development of the Highspeed Anti-Radiation Missile (HARM) Systems Software Support Facility (SSSF) hardware and software. Responsible for project definition, planning and implementation. Tasks include improving automation and validation of the digital software test system. This group supports this effort with state-of-the-art software and hardware planning, development, measuring, configuration management, and documentation computer hardware and software tools. **KSAs:** Knowledge — digital hardware design and hardware/software integration; technical planning; real time software facilities. **Abilities** — plan digital system technology tasks with multi-disciplinary staff; work with personnel at all levels and task a support staff; present plans to on and off Center sponsors. Promotion from DT-3 to DP-3 depends on Code 35 approval.

**No. 35-069, Supervisory Interdisciplinary, (Electronics Engineer/Computer Scientist, Physicist, Mathematician, Computer Specialist), DP-855/1550/1310/1520/334-3, Code 3554** — Serves as head of Digital Interface Section, Instrumentation Engineering Branch. Responsibilities include analyzing and defining the interface requirements between EWTES threat and reference radar systems and the real time digital computer system, formulating interface standards, designing and developing a micro computer based system using a combination of commercial off-the-shelf and customized hardware and software and then installing the interface on all existing and planned EWTES radars. **KSAs:** Knowledge of computer to computer interfacing techniques and data transmission protocol and standards; knowledge of micro computer 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.

**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.

**Suggestions**



Had any ideas lately? Management wants to hear about them! Submit a beneficial suggestion and have those ideas considered. If your suggestion is implemented, you may be eligible for a cash award. To submit a suggestion you simply fill out a DoN Suggestion form, OPNAV 5305/1, and turn it in to your department awards representative (listed on back of this page). The forms may be obtained from your department representative or from the wall unit form holders located in most buildings on Center. Remember - your ideas are wanted and may be eligible for award consideration.

Contact Eileen Shibley for more information at extension 2018.

**BENEFICIAL SUGGESTIONS**

**What is a Suggestion?** In brief, a suggestion is a definite proposal intended to be of value to the Government. To be considered as a suggestion, a proposal must meet all of the following criteria:

- o It must be in writing
- o It must be definite in its intent
- o It must point out a problem or a need for a change, or propose an improvement
- o It must offer a solution to a problem, or propose a method for carrying out a change or improvement

**What is not a Suggestion?** The following proposals do not qualify as suggestions under the Navy Incentive Awards Program unless they provide an improved method for accomplishing the work or carrying out a change:

- o Proposals calling attention to the need for maintenance and repairs such as painting walls, replacing linoleum, changing light bulbs, etc.
- o Proposals regarding routine functions such as ordering supplies, etc.
- o Proposals relating to the personal convenience of the employee but having no value to other employees or to the Government.

**Suggestions Wanted!!** All suggestions which will contribute to greater efficiency or economy are wanted. The best suggestions are those which:

- o Reduce the cost of operations or services
- o Eliminate unnecessary operations or services
- o Improve the quality of operations or services
- o Devise new tools, equipment, or processes
- o Save manpower, materials, or time

Code	Representative and Code	Extension
00, 01, 02	Charlene Zigler, Code 091	2018/2592
06	Nel Daugherty, Code 06302	5822
08	Cy Ebersberger, Code 0802	3245
09	Charlene Zigler, Code 091	2018/2592
12	Jenny Fouse, Code 12	3251
14	Jeanne Thatcher, Code 14 Linda Sorenson (Alternate)	3481
22	Phyllis McKinney, Code 22	3387
24	Donna Pettit, Code 24 Dottie Wright, Code 2431 (Bene-Sugs)	2550 3156
25	Jean Gale, Code 25022 Peggy Vanshike, Code 25022 (Bene-Sugs)	2407/8 2407/8
26	Cindy Thorpe, Code 2602	3411 X322
31	Pat Pickett, Code 3102	5343
32	Sandy Kincheloe, Code 32024	7365
33	Janice Johnson, Code 3302 Francie Drybread, Code 33 (Alternate)	3261 3231
34	Becky Sorge, Code 3402 Pat Gaunt, Code 3402 (Bene-Sugs)	2266 3658
35	Geneva Pullen, Code 35024	3198
36	Ruth Davis, Code 3602	2210
38	Mavis Royer, Code 38	2246
39	Sheri Paulsen, Code 39024	3220
61	Bonnie Jones, Code 6102	5405
62	Sue Stocker, Code 6202 Eleanor Brammer (Bene-Sugs)	6391 6391
64	LuAnn Schoen, Code 6402	3628

ty; willingness to support EEO objectives.  
**No. 35-074, Security Specialist, DA-080-3, Code 3556** — Incumbent is responsible for security at EWTES. The work schedule is the "First Forty" hours. KSAs: Knowledge of OPSEC, COMSEC, ADP, Physical, TEMPEST, Alarm System, and badging process. Conducts training of personnel in all elements of OPSEC and interfaces the Centers OPSEC Master Plan with the functions of the Division. Abilities — to effectively communicate orally and in writing.

**No. 24-144, Lead Firefighter, GS-081-6, Code 242** — This announcement will be used to establish the promotion register for subject position and will become effective January 1985 and will remain in effect through July 1985 — SUPPLEMENTAL QUALIFICATIONS STATEMENT REQUIRED. Incumbent is crew chief of a major piece of motorized firefighting apparatus and its crew. Duties include answering fire alarms, instructing crew in operation of fire equipment and all phases of firefighting and directing fighting of fires in absence of higher authority. KSAs: K - of fire prevention practices; of locations (streets, water distribution, alarm/detection systems, building contents/layouts, etc.). A - to communicate effectively both orally and in writing; to supervise and conduct inspections to identify fire hazards; to motivate, train and work effectively with subordinates with diverse backgrounds; to plan own work and carry out assignments; to have potential to plan initial attack including rescue, control and extinguishment of fires.

**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 of incumbent's duties. Elements: Knowledge: Of quality control techniques; of 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. 36-267, Prejourneyman Machinist, WG-3414-5/8, Code 3644** — (Multiple vacan-

cies) This is a training program based on the employee's previous experience, training, and skill. The incumbent will operate conventional and NC/CNC machine tools, including lathes, milling machines, saws, drill presses, and grinding machines; machines and grinds metals, metal alloys, and nonmetallic parts; makes minor machine adjustments and setups; checks own work using tools common to the machinist trade and performs general branch work using hand tools. Elements: Ability: to set up and operate conventional machine tools; to use hand and power tools; to check own work; to follow instructions in the form of shop orders, blueprints, sketches, and verbal instructions. Promotion potential to WG-11 Machinist.

**No. 36-266, Equipment Specialist (Electronic), DS-1670-3, Code 3661** — Incumbent performs duties involving collecting, analyzing, interpreting, and developing specialist information about equipment; develops maintenance programs and techniques based on a practical knowledge of the equipment, including its design, production, operational, and maintenance requirements. Elements: Knowledge: of aviation electronics; of aircraft/weapon system integration; of maintenance planning; of equipment failure analysis; of training planning. Ability: to communicate both orally and in writing with personnel of varying technical backgrounds; to participate effectively as a member of a technical team. Promotion potential to DS-3. Status eligibles may apply.

**No. D-39-053, Supervisory Interdisciplinary (Electronics Engineer/Physicist), DP-855/1310-3/4, Code 3954** — This position is head, Radio Frequency Systems Branch, Radio Frequency Division, Weapons Department. The branch is responsible for RF systems for air-launched weapons. The incumbent's primary duties and responsibilities will be predominantly technical in nature. The primary focus of time is devoted to directing and actively participating in the technical tasks of the personnel being supervised. The remaining duties will be directed toward administrative matters and personnel management. KSAs: A background in transmitters, receivers, signal processing and RF guidance systems is desired; knowledge of RF systems and subsystems, radar seekers and electronic counter-countermeasures techniques; ability to interface with and make presentations to NWC management and sponsors; ability to communicate well, both orally and in writing; ability to deal effectively with people; understanding of NWC personnel policies and procedures; support of NWC EEO policies and goals. Promotion potential to DP-4, however, promotion is not guaranteed. Reassignment at the DP-4 level only.

### 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. 12-009, Interdisciplinary (Mechanical/Electrical/General/Aerospace Engineer, Physicist, Operations Research Analyst, Mathematician), DP-855/801/830/861/1310/1515-2/3, Code 128** — This position is located in the Corporate Planning Program of the Weapons Planning Group. The incumbent will provide direct support to a wide variety of Code 12 and NWC Programs by providing information on U.S. Weapon Systems (designated Current Capabilities). Duties will include researching, acquiring, and interpreting information from many sources to support assessment of the technical capabilities of current and evolving DOD weapon

systems. Maintains and is responsible for the Current Capabilities document collection located in the Intelligence Library. Plans and develops programs of current capabilities support to the NWC technical community. Submit a current SF-171 to Linda Andrews, Code 128.

**No. 31-183, Interdisciplinary, Electronic/Physicist/Mathematician/Computer Scientist, DP-855/1310/1520/1550-1/2/3, Two Vacancies, Code 3144** — The Weapons Integration Branch, System Integration and Evaluation Division of the Aircraft Weapons Integration Department provides engineering and technical support for tactical aircraft/stores management systems

integration from concept development to fleet support. The incumbent will provide operational flight program software development/support for the Marine AV-8B aircraft stores management system. The primary tasks of this position include, but are not limited to: (a) assemble/test/compare existing source code; (b) identify analyze/design/code software updates and (c) integrate/validate modified software into the aircraft. Experience with 8080/8085 microprocessors, PL/M and assembly languages and Intel MDS III and IV systems. Familiarity with AMD 2901 four-bit microprocessor slice and micro-programming techniques is desirable. Ability to communicate effectively and work as part of a team. To apply for this position, forward an updated SF-171 to George Lesino, Code 3144, extension 5415.

**No. 32-178, Interdisciplinary General, Materials, Mechanical, Aerospace, Industrial Engineer, DP-801/806/830/861/896-3, Code 3261** — Multiple Vacancies. Incumbent will be the project engineer for full-scale engineering development (FSED) of an improved warhead for a major weapon system (HARM or HARPOON). Incumbent will participate in the warhead design and explosive selection process. The following types of experience desired: FSED experience and familiarity with Center acquisition, management review, and documentation policies/instruction; experience in planning and managing the production engineering of the design, fabrication, testing, and documentation with the appropriate on-Center and off-Center interfaces. To apply, send an updated SF-171 to N. Fasig, Code 3261, ext. 2261.

**No. 33-024, Interdisciplinary Electronic Engineer/Electrical Engineer/Physicist, DP-855/830/1310-1/2, Code 3318** — Position is in the Microelectronics Branch in a group responsible for the design and fabrication of custom and semicustom microcircuits. Incumbent will be responsible for hybrid microcircuit development including analysis, layout, and testing. Incumbent will also perform support activities for major weapons systems. Duties will include interfacing with sponsor and contractors. Desirable Characteristics: familiarity with digital and analog design techniques; ability to interface with contractors and sponsors; familiarity with hybrid microcircuit fabrication techniques or other high-density techniques would be helpful. Promotion potential DT-3, but not guaranteed. Submit current SF-171 to Lori Saiken, Code 331, ext. 3093.

**No. 35-041R, Interdisciplinary (Physicist/Mathematician/Electronics Engineer/Computer Scientist), DP-1310/1520/855/1550-2/3, Code 3511** — This position is for a digital systems engineer to head the further development of the Highspeed Anti-Radiation Missile (HARM) Systems Software Support Facility (SSSF) hardware and software. The incumbent will be responsible for project definition, planning, and implementation. Thrust is to improve automation and validation of the digital software test system. Approach will be drawn from branch, Center, and industry experience. This branch supports this effort with state-of-the-art software and hardware planning, development, measuring, configuration management, and documentation computer hardware and software tools. Requires use of a professional engineering approach to develop and carry out plans. Send an updated SF-171 to Richard Fryer, Code 3511. Previous applicants need not reapply.

**No. 36-265, Electronics Engineer, DP-855-2, Code 36086** — Incumbent provides instrumentation services for equipment evaluations, including specifications, calibration and maintenance and operation of facility instrumentation equipment. Also integrates "off-the-shelf" equipment into the EMPF computer system. Demonstrated full competence in all aspects of instrumentation, the ability to handle problems or assignments and to identify solutions and approach solutions is crucial. Also ability to communicate both orally and in writing and to function as a team member desirable. Promotion potential to DP-3.

**No. 39-063, Interdisciplinary (Physicist, Mathematician, Computer Scientist, General/Electronics Engineer), DP-1310/1520/1550/801/855-2/3, Code 3917** — This position is that of a Weapon Systems Analyst. This position involves the simulation of interactions between weapons and targets during the terminal phase of the weapons flight. Incumbent must be able to analytically describe weapon damage mechanisms and the vulnerability of targets to these mechanisms. An understanding of delivery accuracy and its influence on weapons effectiveness is required. Incumbent may be required to participate in triservice analysis efforts under the auspices of the Joint Technical Coordinating Group for Munitions Effectiveness. A strong background in statistical analysis and computer programming and knowledge of weapon systems characteristics related to terminal effectiveness are desirable. To apply for this position, send an updated SF-171 to Rex Randolph, Code 3917.

**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 RPVs and formation control of aerial targets. Knowledge of advanced microprocessor hardware and software system design and digital feedback control systems and digital signal processing is desirable. Ability to plan, schedule, and coordinate efforts of a small group of individuals on complex technical efforts involving prototype technology demonstrations, developmental testing, and product assurance is also desirable. Send copy of current SF-171 to Jay Bornfleth, Code 3925.

**No. D-39-049, Interdisciplinary (General Engineer/Electronics Engineer/Computer Scientist, DP-801/855/1550-2/3, 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: Software management, acquisition and development processes; software engineering practices and principles including software documentation, CM and QA; knowledge of DOD, Navy and Center standards, instructions and directives, apply them to specific development projects. Promotion potential to DP-3. SF-171's should be forwarded to James McGuire, Code 3922.

**No. 62-010, Electronics Engineer, DP-855-3, Code 6204** — This position is located in the Range Department, Special Projects Office. The incumbent is responsible for the scientific and engineering aspects of NWC's two Radar Cross Section Measurement Ranges, including but not limited to the following: validation and monitoring of range performance, design of text fixtures, calibration and special purposes test targets, system design of expansion, improvement and modernization projects. The incumbent is directly responsible to the Range Manager. Job Relevant Criteria: Knowledge of the principles of radar and radar measurements. Knowledge of com-

puters and digital systems is desirable. Incumbent works a "first forty" week. Forward SF-171 to Hans Pieper, Code 6204, x6422.

**No. 64-093, Interdisciplinary Aerospace/Mechanical/Electronics Engineer, Physicist, Computer Scientist, Mathematician, DP-861/830/855/1310/1550/1520-2/3, Code 6421** — This position is located in the Recovery Systems Instrumentation Branch, Telemetry/Test Engineering Division, Aerosystems

Department. The incumbent will perform as project engineer responsible for the analysis and modeling of aerodynamic deceleration and stabilization systems. Work includes analysis and mathematical modeling to support all aspects of development and testing of premeditated and emergency egress of personnel and equipment, and air-deliverable ordnance systems. To apply for this position, send an updated SF-171 to Larry Rollingson, Code 6421 extension 3761.

## 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 1/2/3/4/7/8/9; Division Secretary applicants will be rated on elements 1/2/3/4/5/8/9; 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. 26-171, Secretary (Typing), GS-318-5, Code 267** — Position provides secretarial support to the Head, Quality Control and Assurance Division.

**No. 39-062, Secretary (Typing), GS-318-4/5, Code 3941** — Incumbent provides secretarial support to Head, Sensors and Platforms Branch. Promotion potential to GS-5.

**No. 26-179, Secretary (Typing), GS-318-5** — Provides secretarial support to the Associate Department Head, Administrative Officer, Counsel, Contracts Advisor, and the Model Construction Agency Program Officer. Promotion potential to GS-6, but not guaranteed.

## Retiree Questionnaire

A Directory of NAVWPNCEN retirees/alumni has been compiled of those who settled in the local area — within about 100 miles. If you plan to stay in this area and wish to be included in the next update of the Directory, please provide the following information and send it to: W. E. Davis, Code 24-D, Building 8, Room 12, extension 2083.

A. Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Telephone No. \_\_\_\_\_  
 Spouse Name \_\_\_\_\_  
 Year Retired \_\_\_\_\_ Years Federal Service \_\_\_\_\_  
 Last NWC position \_\_\_\_\_  
 Organization \_\_\_\_\_ Code \_\_\_\_\_

B. Plans for after retirement from NWC

Full time job with \_\_\_\_\_  
 Part time job with \_\_\_\_\_

Travel \_\_\_\_\_ Golf \_\_\_\_\_  
 Hunting/Fishing \_\_\_\_\_ Tennis \_\_\_\_\_  
 Arts/Crafts \_\_\_\_\_ Bowling \_\_\_\_\_  
 Other \_\_\_\_\_

C. I am interested in picking up a Rocketeer on Center  
 Yes \_\_\_\_\_ No \_\_\_\_\_

CODE	NAME	TITLE
08	Wydra, Sandra	Clerk-Typist
24	Plunk, Tracy L.	Clerk-Typist
24223	Garland, Robert L.	Firefighter
24223	Seleska, Jeffrey E.	Firefighter
2431	Shipley, David R.	Security Spec.
2522	Burge, Tarah C.	Clerk-Typist
2522	Ortiz, Carol A.	Purchasing Agent
2522	Rochow, Kurt W.	Purchasing Agent
2522	Thatcher, Tommy J.	Clerk-Typist
26026	Waters, Brenda F.	Clerk-Typist
2603	Hazlewood, Rita A.	Clerk-Typist
26302	Kasamis, Carol	Clerk-Typist
2632	Bagley, Mark O.	Biological Scientist
2632	Yohe, Robert M. II	Anthropologist
26422	Dorrell, Martin C.	A/C Equip. Mech.
26422	Mellor, John C.	A/C Equip. Mech.
26446	Luke, Lawrence J.	Electrician
3111	Vanwieren, Jack M.	Mathematician
3112	Burnett, Bernard P.	Electronics Tech.
3113	Meissner, Michael D.	Electronics Tech.
3144	McBride, Patricia A.	Clerk-Typist
3144	Mentley, Michael E.	Mechanical Engr.
3158	Ajemra, Ramesh C.	Electronics Engr.
3191	Panwar, Madhav S.	Chemical Engr.
3242	Hoang, Trung Q.	Mechanical Engr.
326B	Vechione, Nelta F.	Clerk-Typist
3273	Golden, Mark Q.	Mechanical Engr.
3337	Schlichting, Gregory	Physicist
3352	Hornberger, Bruce A.	Mechanical Engr.
3411	Lawrence, David A.	Computer Clerk
3436	Morgan, Beverly L.	Clerk-Typist
3515	Lacombe, Lynn L.	Mathematician
3543	Sopp, Nancy R.	Clerk-Typist
3651	Gehres, Erika R.	Clerk
3681	Lusk, Loretta A.	Chemist
3686	Brunson, Susan A.	Clerk-Typist
3686	Bui, Trieu T.	General Engr.
3686	Tovar, Lawrence	Quality Assurance Spec.
3903	Anderson, Ian C.	Computer Clerk
3912	Cheney, Robert F.	Physicist
3915	Barbee, Elizabeth J.	Mathematician
3915	Gardiner, Judy D.	Electrical Engr.
3941	Hedman, Brent R.	Mechanical Engr.
6202	Guardione, Karen L.	Clerk-Typist

CODE	NAME	TITLE
0864	Sweany, Sherri R.	Payroll Clerk
2524	Ponte, Frederico A.	Contract Spec.
2525	Caine, Jeannine L.	Clerk-Typist
2602	Castillo, Floyd R.	Management Analyst
26418	Mendenall, Glen	Carpenter
26435	Stahlin, David R. Sr.	Plumber
32533	Miller, David E.	Industrial EQ Mechanic
3263	Glass, Cecil A.	Mechanical Engr.
3268	Panlaqui, Clayton E.	General Engr.
3385	Kirkendoll, Karen	Secretary (Typing)
3522	Whiteman, Donald E.	Electronics Engr.
3545	Gillis, Peter M.	Physicist
3546	Garrett, Sharon M.	Computer Spec.
35502	Harrelson, Leatrice J.	Admin. Officer
3604	Osborn, Richard K.	Physicist
3664	Jernigan, Charles R.	Logistics Mgt. Spec.
3682	Lawson, Willie T.	Qual. Assurance Spec.
3687	Gruber, Robert C.	EQ Spec. (Ordnance)
3802	Carter, Arlene	Secretary (Typing)
3858	Martin, Eugene C.	Research Chemist
3894	Backman, Marvin E.	Research Physicist
39027	Gustafson, Diane G.	Procurement Asst.
3952	Dressman, Lawrence J.	Student Trainee (Elex.)

## 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

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).