



**FIRST PLACE** — Trinket, a Boston bull terrier, strains forward to look at the first place award that she is about to receive in the pet show held recently at Solar Park. Holding Trinket is Karen Metz. The show, sponsored by the Recreational Services Department, brought forth an assortment of dogs, cats, birds, a rabbit and even a frog. Both the kids and the animals had fun. — Photo by PH2 Rick Moore

**Red Cross Office closed afternoons this coming week**

The Red Cross Office, located at 1811 Lauritsen, will not be open afternoons next week because Diane Grattaroti, the administrative assistant, will be attending a disaster institute.

Those requiring service can follow evening and weekend procedures, however, and telephone the Quarterdeck, NWC ext. 2303, for the number of the Red Cross duty worker.

Red Cross service is available 24 hours a day every day of the year.

**Retirements**

John E. Peterson, Code 1442. Hired at NWC/NOTS Aug. 8, 1950; estimated date of retirement, Aug. 2, 1985.

**Movies**

FRIDAY	"STICK" Starring Burt Reynolds and Candice Bergen (Drama, Rated R, 109 min.)	AUG. 2
SATURDAY	"TOMBOY" Starring Betsy Russell and Jerry Dinome (Adventure, Rated R, 91 min.)	AUG. 3
SUNDAY	"SNOW WHITE & THE SEVEN DWARFS" Animation (Rated G, 83 min.)	AUG. 4
MONDAY	"LOST IN AMERICA" Starring Albert Brooks and Julie Hagerty (Comedy, Rated R, 90 min.)	AUG. 5
TUESDAY	"HEIDI'S SONG" Matinee Voices by Lorne Green and Sammy Davis Jr. (Animation, Rated G, 94 min.)	AUG. 6
WEDNESDAY	"HEART OF THE STAG" Starring Bruno Lawrence and Terence Cooper (Drama, Rated R, 94 min.)	AUG. 7
THURSDAY	"GREYSTOKE, THE LEGEND OF TARZAN" Matinee Starring Ralph Richardson and Christopher Lambert (Drama, Rated PG, 130 min.)	AUG. 8
FRIDAY	"POLICE ACADEMY II" Starring Steve Guttenberg and Bubba Smith (Comedy, Rated PG-13, 87 min.)	AUG. 9

Starting Times: Matinee / 2:00 pm Evening / 7:00 pm  
Box Office Opens: Matinee / 1:30 pm Evening / 6:30 pm

ALL AGES ADMITTED  
 General Audiences  
 ALL AGES ADMITTED  
 Parental Guidance Suggested  
 RESTRICTED  
 Under 17 Requires Accompanying  
 Parent or Adult Guardian

**Health, fitness can be increased by enrolling in Rhythmic Aerobics**

Time has almost run out to sign up for the Rhythmic Aerobics classes to be taught by Mary Martha Williams that start on Aug. 5 and will run Mondays and Wednesdays through the month of August.

Those who are over the age of 18 can sign up either for the class that runs from 8 to 9 a.m., or the second class, which goes from 5 to 6 p.m. Both classes will be held in either the gym or the gym annex.

Basic requirements are casual, non-binding clothing, good tennis shoes, an exercise mat, a towel and an eager attitude. The class will progress through conditioning, warm-ups, rhythm moves and exercise, tension exercises, cool down, and thoughts for overall improvement.

More information can be obtained by telephoning NWC ext. 2334.

**Weight training class for women only begins this month at gym**

Basic weight training for women aged 18 and over will be taught each Tuesday and Thursday during August at the gym weight room. One class will be held from 8 to 9 a.m. and the other from 5 to 6 in the afternoon. Instructor for the two courses is Mary Martha Williams.

Those who take the weight training class in conjunction with a rhythmic aerobics class on Mondays and Wednesdays will be charged \$6 per person; those who take just the weight training will be charged \$10 for the complete course.

Participants will learn how to use weights regularly, and how to set up individual programs for toning and conditioning using weights. Those taking the class need loose and comfortable clothing, a towel and tennis shoes. Stretching and warm-ups will be done prior to using weights.

For more details, telephone NWC ext. 2334.

**Weather Report**

	Max.	Min.	Peak wind
Fri.	105	68	21
Sat.	105	72	30
Sun.	104	66	33
Mon.	99	71	33
Tues.	98	69	-
Wed.	96	62	32
Thurs.	97	64	25

All measurements are made at Armitage Airfield.

**Astro. Society Mtg. features speech on astrolabe; slide show**

Featured at a meeting the China Lake Astronomical Society Monday evening will be a talk by David Gagnon on the astrolabe — an astronomical slide rule. Everyone is welcome to attend the open meeting at the Kern County Library, 131 E. Las Flores, in Ridgecrest. The meeting starts at 7:30 p.m.

In addition to the discussion of the astrolabe, Jim McMahon and Carroll Evans will show slides taken at the Western Amateurs meeting.

U.S. Government Printing Office: 1985 — No. 20015

FROM:

PLACE STAMP HERE

TO:

**HISS development could mean higher speeds**

Speeds of the dual rail rocket sleds in use at the Supersonic Naval Ordnance Research Track have reached a peak, but an innovative High Speed Sled (HISS) promises to increase these speeds significantly.

Current sleds using the dual rails at SNORT average 2,500 feet per second, with peak speeds being about 2,900. Because of the air compression building between the sled and the trough, sleds traveling at high rates of speed have trouble staying on the track.

The HISS design used the principles of supersonic inlet and nozzle combination. It is higher in the back than the front, allowing the air to expand between the trough and sled, reducing the compressive forces.

As a result, a lighter sled can go much faster and still stop on the tracks so that components being tested won't be destroyed.

HISS was designed also to use the new Tiger motor, which puts out three times the thrust of a conventional motor. Tiger will produce 140,000 pounds of thrust in one second; conventional current motors put out 40,000 pounds in three seconds.

In a carefully planned program of tests, the dual rail HISS was first tested in early June using a conventional Nike Motor (Tiger is an enhanced Nike). The purpose of the test was to determine HISS performance at lower velocities, such as 2,200 feet per second. In a follow-on test, Nike will

(Continued on Page 4)



**SWOOSH** — the new High Speed Sled zips down the Supersonic Naval Ordnance Research Track in a test conducted recently.



**FINAL PREPARATIONS** — Getting the High Speed Sled ready for testing are (l. to r.) Pete Chibes, Jr.; Keith Manley (standing); Guy Puckett; A. J. Waid; Mike Karczewski; and Cleave Warren.

**NWC Rocketeer**

Naval Weapons Center, China Lake, California 93555-6001

Vol. XL, No. 31 / August 2, 1985

**Naval Weapons Center Liaison Office provides wide range of support services to many official travelers**

Naval Weapons Center official travelers to Washington, D.C. and surrounding area are making more and more use of NWC's Liaison Office near the Director of Navy Laboratories and Naval Air and Naval Sea Systems Commands offices in Crystal City, Virginia.

Esther Robson, Administrative Liaison Officer for nearly a year, reports an estimated 50 percent of NWC travelers make use of facilities and equipment and

administrative and staff support available at NWC's Liaison Office.

Working out of a remodeled warehouse complex, the Liaison Office provides an office away from home for official travelers from the Center to the Washington, D.C. area.

With four offices and a conference room available for use by visitors from the Center, Ms. Robson says they are equipped to meet nearly any needs of NWC personnel

traveling to the area.

Video equipment, copier, telecopier, a 3M copier to make viewgraphs, telephones, assistance in preparation of briefings and reports are only a part of what the Liaison Office can offer travelers.

"We are an extension of the offices at NWC," said Ms. Robson of services provided. "Whatever needs to be done for visitors is what we do," she added.

The office also provides a place where documents can be kept, a way to get material picked up from the Pentagon or Capital Hill and a means to get information to the right place at the right time. As an example, Ms. Robson noted there was a need to get an important package of information to the Pentagon by 9 a.m. one day. The package was flown to Washington National Airport, she picked it up on her way to work and hand carried it to the proper Pentagon office.

In addition to providing an office facility, the two person staff of NWC's Liaison Office also handle last minute travel changes, interface with the Director of Navy Laboratories office, Laboratory Staff Personnel and phone services, as needed, work with the passport office when problems arise or a quick turnaround is needed.

"Everything we do is on a short fuse. It all needs to be done quickly," commented Ms. Robson of Liaison Office duties. "We have to know where to call to get the answers and who to talk to," she added.

Ms. Robson previously worked for the Office of DNL, Office of Naval Research and in the Pentagon and says that this past experience has been very handy in this position.

Joining her in staffing the office is Holly Wigginton, a three-day-a-week secretary.

Since moving from Jefferson Plaza to 1411 S. Fern Street last fall, the Liaison Office has undergone numerous changes. Four individual offices for visitors were created, a conference room built and a warehouse space was turned into proper office and convenient facility. Renovation work is nearly complete. The finished product will include a secure conference room to allow NWC management to conduct classified meetings.

With a great deal more room than in previous locations and new equipment, Ms. Robson sees more use being made of the Liaison Office facilities and services.

"The added space and added privacy have been a big help. Regular travelers are very enthusiastic about the office," commented Ms. Robson.

Another benefit she pointed out was available free parking and a shuttle service for visitors.

A new service planned for the near future is a video tape presentation Liaison Office personnel can show to Washington area based personnel planning a first visit to the Naval Weapons Center.

The Center's Liaison Office operates from 8 a.m. to 5 p.m. on Mondays and Fridays and from 7:30 a.m. to 5 p.m. on peak travel days of Tuesday, Wednesday and Thursday. Personnel in the office are also available for other hours and weekends on an as needed basis.

Travelers are encouraged to use the Liaison Office when in the Washington area. Ms. Robson hopes most NWC travelers will at least check in by telephone with her office when they arrive in Washington.

NWC's Liaison Office is managed by the Central Staff's Customer Services Division headed by Eleanor Johnson.



**THANKS EXPRESSED** — On the eve of his departure for a new assignment in Italy, Cdr. G. F. Herbster, head of the Military Administration Department, receives a certificate of appreciation from the American Red Cross. Presenting the certificate is Diane Grattaroti, Administrative Assistant in the local ARC office. Cdr. Herbster spearheaded a special fund drive for Red Cross disaster assistance.



**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

**Preventable boating accidents cost more than 1,000 lives annually**

In 1983, more than 1,000 people died and nearly 3,000 were injured in boating accidents in U.S. waters.

The U.S. Coast Guard offers these principles of safe boating to the nation's 65 million pleasure boaters:

- Know the rules of the road and practice courtesy and common sense on the water.
- Keep a sharp lookout. Collisions are a major cause of injury and property damage.
- Save alcohol consumption until after you're ashore. Alcohol is a contribution factor in more than half of boating fatalities.
- Keep the load light and evenly distributed in a small boat. Capsizing is a major cause of boating fatalities.
- Stay with the boat if it capsizes, and climb on top of it if possible. You'll stay warmer and rescuers will spot you easier.
- Stay within limits listed on the boat's capacity plate, and carry fewer people in rough weather. Overloading is a major cause of accidents.
- Carry a personal flotation device of the proper size each person aboard, smaller ones for children.
- Remain seated and wear a personal flotation device when in a small boat. Falling overboard is a major cause of boating fatalities.
- Keep your boat's fire extinguishers and other life saving gear in top condition and ready for use at all times.
- Don't deny the right of way to large ships and tows in restricted channels where they are unable to maneuver. The rules of the road require small maneuverable boats, including sailboats, to yield right of way.
- Regulate your fuel consumption. Use the "one-third rule" on the water — one-third of the fuel to get there, one-third to get back, and one-third in reserve.
- Learn to troubleshoot your engine and carry a few tools and spare parts. Nearly all engine failures are caused by a small, easy-to-fix breakdown.
- Stream a line over the stern when rowing a boat in a fog or on a dark night. This will help you maintain a straight course, alerting you if you drift to one side.

**Sierra National Forest users required to obey special fire prevention rules**

Users of the Sierra National Forest will have to follow special fire prevention rules until the current high fire hazard level is reduced.

Restrictions on chainsaws, campfires and travel are a result of extremely high fire danger in the Sierra and throughout the state. Jim Boynton, Sierra National Forest Supervisor, noted firefighting forces have been depleted due to the recent rash of fires in the Southern and Central California.

Under state-two restrictions, forest visitors cannot operate any type of internal combustion engine, including vehicles and chainsaws, except on roads or with a special permit. No campfires or stove fires may be used outside of developed recreation sites and no smoking is allowed except within an enclosed vehicle or in a developed recreation site.

These restrictions apply to all areas of the forest designated as high or moderate fire hazards and extend to more than 8,000 feet in elevation in some parts of the forest.

Boynton said restrictions were necessary to keep the forest open to visitors and still protect it from wildfires.

**Warm up, cool down to help heart, muscles**

To avoid excess strain on the heart, and injury to your muscles, warm up for about 5 minutes before working out, and cool down after exercises. Never abruptly stop exercising. The sudden stop in motion may cause lightheadness or muscle cramping.

**Employee in the Spotlight**

**Tosh Inouye happy he took belated offer to work at China Lake**

"Wherever I am is my home," says Tosh Inouye serenely. This attitude has stood him in good stead because he has lived in a wide variety of places.

Born in Gridley in Butte County in north central California, he spent his first few years of life there before his parents took him to Japan in 1936. In many Japanese families, it was traditional that the children spend some time in Japan so that they could learn the culture and have their lives enriched by knowing both the traditional Japanese ways as well as modern American ways.

Unfortunately, the outbreak of World War II kept his parents from being able to pick him up from his grandparents' home and bring him back to the United States when they had planned. The war was long over before he was once more able to return to his native America.

Tosh lived in the area around Fresno and worked in agriculture until he decided that what he really wanted to do was go to college and study civil engineering.

Once enrolled at Fresno State College, he found that the fields of thermodynamics and fluid mechanics fascinated him, and switched to a mechanical engineering major instead. During his last year, he says he interviewed with a number of companies as well as talking with the China Lake recruiter; he got offers from all except China Lake. When that offer finally came — belatedly — he took it.

He chuckles when he says that years later he discovered why the offer had come so late. "Most supervisors were hesitant to accept a JP who was 31 years old," he says. "Dick Lucas, who hired me, decided instead that an older JP was better because this indicated that he was serious about school."

"I've enjoyed my time here," he says. "The initial excitement has changed but the place is still immensely challenging."

Tosh, who heads the Environmental Engineering and Evaluation Branch in the Range Department, says that his branch is "doing exciting things. I've got a real good crew," he adds.

His wife, Esther, who was born and grew up in Hawaii (they met in Los Angeles, however), has also gotten used to the desert climate and enjoys living in the Indian Wells Valley.

They both like to backpack, and find one of the real delights in that is stopping to talk with the young people they meet on the various trails. "It never ceases to amaze me how much you can learn from people," Tosh notes, "especially young people."

Other activities they enjoy include listening to music and heading to the Los Angeles County Museum, of which they are members. They especially enjoyed the recent exhibit there of the French Impressionists, entitled "A Day in the Country."

In addition, Tosh says that he is an indiscriminate collector of books. "I used to do more reading, but now I seem mainly just to collect books and put them on my shelves," he says. His most recent acquisition is a set of National Geographic Society books that he says he's just dipped into — looking at all the remarkable and beautiful places of the world.



**READY TO LISTEN** — Tosh Inouye enjoys talking with people — especially young people that he meets on hiking trails in the Sierra — "because it's amazing how much you can learn from them."

**NWC Rocketeer**

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**Tourists become Bodie's latest claim to fame**



"Goodbye, God, I'm going to Bodie." That cry was made only half in jest more than a century ago as fortune hunters of all sorts made their way from San Francisco and Sacramento to Bodie, said to be second to none for wickedness, badmen and the worst climate out of doors.

By 1879 Bodie boasted a population of 10,000 and at least 65 saloons for relaxation after a hard day at the mines.

Today the streets of Bodie State Historic Park ring only with the shuffle of tourist feet and the click of cameras.

Maintained in an "arrested state of decay" Bodie today is a ghost town with only about five percent of its buildings remaining.

The town, about 20 miles from Bridgeport, 13 miles off Highway 395, stands just as time, fire and the elements have left it.

During its heyday from 1879 to the end of the century, Bodie was a rowdy place, to say the least.

Killings occurred with monotonous regularity. Robberies, stage holdups and street fights were variety from the climate that lashed the town with 20 feet of snow in the winter and baked it with the glaring sun in the summer months.

Main Street once was a solid mile of one and two-story frame buildings described in the Saga of Wells Fargo as:

"At high noon of its great days there were 30 mines in operation in Bodie...and the saloons, pothouses, restaurants, gin mills, ale stoops, and allied and adjacent deadfalls averaged, according to the advertising columns in the Bodie Standards, something better than one to a mineshaft."

The fire of 1892 wiped out all but a few buildings of the town's business district. Then on June 23, 1932 a small boy playing with matches started another fire, one Bodie never fully recovered from. Both times there was plenty of water available and fires could have been stopped, but the screens of the reservoirs had not been replaced after cleaning and the pipes were clogged with mud and rocks.

Wells Fargo's express office handled daily gold shipments, one valued at more than half a million dollars. The stage to Gardnerville or Carson City, Nevada had been held up so often nothing worth \$500 or more could be shipped without an armed guard.

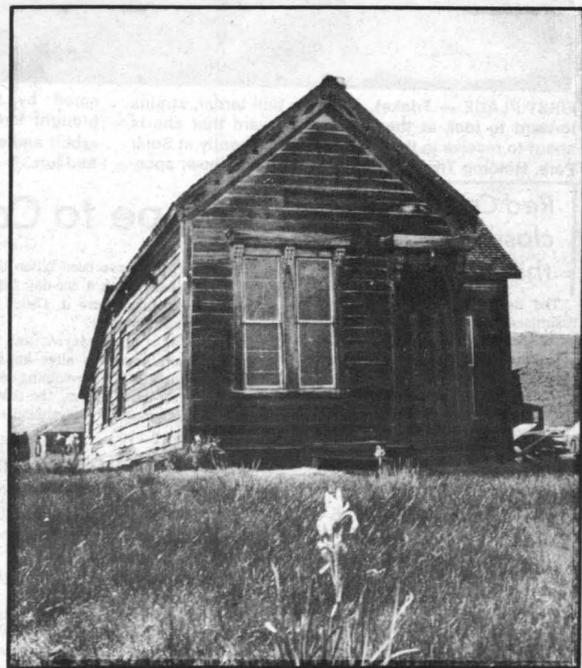
It was at Bodie that electric power was first transmitted over wires for a distance.

When wood fuel became uneconomical, a hydroelectric plant was constructed 13 miles away and provided power to operate the first electric mine hoist in Bodie. Prior to then it was only a theory that power could be sent through long-distance lines.

At boot hill only those considered "acceptable" could be buried inside the fences, all others were outside the fences, usually without markers.

Bodie is about 240 miles north of Ridgecrest, 13 miles off Highway 395. There is no camping or overnight lodging available in the Bodie State Historic Park.

**WICKED TOWN** — Bodie, now a mining ghost town reserved as a California State Historical Park, was once known as the most wicked town in terms of violence and climate of all the state's mining camps. Thousands of visitors now explore the remains of Bodie each year. Only five percent of the original buildings remain standing. It once boasted a population of 10,000 and the streets were lined with an estimated 65 saloons. — Photos by PH2 Rick Moore



Photos by PH2 Rick Moore



# Fishing remains good in most Sierra waters

Anglers continue to have good luck in quest of trout in the Eastern High Sierra this summer. Fishing is rated fair to very good in waters from Lone Pine to Bridgeport.

A Ridgecrest man, John Korp, was among those doing well last week, landing a 6½ pound brown trout at Crowley Lake. He caught the fish using a Rebel lure.

In Tuttle and George Creeks near Lone Pine, anglers are catching 10-12 inch rainbows on salmon eggs and cheese. The Whitney Portal Pond is giving up fish on marshmallow and cheese baits. Anglers are catching mostly plants.

Lots of limits of pan-size rainbows and few up to three-pounds in size are being taken from Pleasant Valley Reservoir north of Bishop. Anglers hitting the water

way early in the morning have the best luck with night crawlers and lures. In the evening a fly and bubble combination brings best results.

Along the lower Owens, flies and Panther Martins are bringing good results in the wild trout area.

Anglers fishing Bishop Creek, North Lake

and Intake Two report lots of limits using the fly and bubble combination. Bait fishing is only fair right now.

Shore-based anglers are catching pan-size trout near the dam while trollers and still fishermen working with Needlefish and Dave Davis with worms are catching fish at Lake Sabrina.

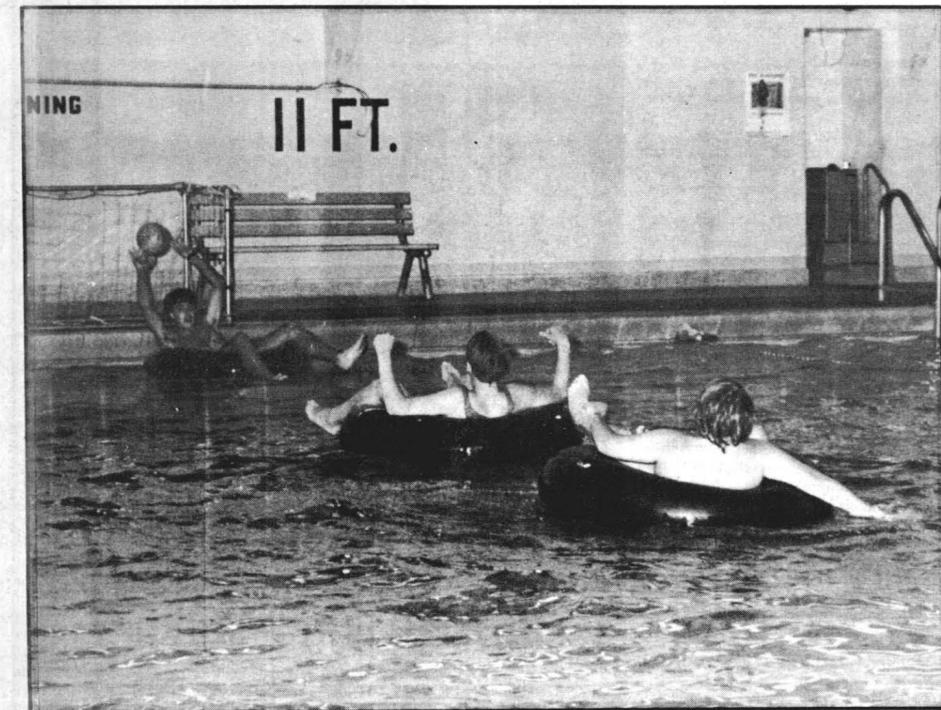
South Lake is still low, but boats may be back in the water by tomorrow. Shore anglers are landing lots of planted trout with bait and lures. A 5 pound brown was caught by a Thousand Oaks man last week. Lakes in the high country beyond South Lake are yielding good numbers of pan-size rainbows and brook trout.

Rock Creek Lake fishing was very good last weekend according to visiting anglers. Marshmallows and night crawlers from shore and trolling with Needlefish and Panther Martins brought the best results. Anglers working Rock Creek are having good luck with bait and spinners.

Convict Lake is giving up many browns to anglers who troll with worms. Shore fishing is best using marshmallows and nightcrawlers.



## Sports



**WATER POLO**—Sponsored by NWC's Recreational Services Department, anyone 11 years of age or older can take part in inner-tube water polo at the NWC Gym pool on Monday evenings. The wet and hectic

game is played 7 to 9 p.m. Mondays through August 19. No previous water polo experience is needed, just a desire to get wet and have fun once each week.

## Little League tourney title to Ridgecrest

Ridgecrest Little Leaguers won the Area I All Star Championship in a recent tournament hosted by China Lake Little League.

With a 4-2 final edge, the Ridgecrest squad earned the right to represent the tri-valley area in district competition at Edwards Air Force Base last week.

Teams from Searles and Kern River Valleys joined Ridgecrest and China Lake squads in seeking the chance to advance in tournament competition.

In the championship contest Matt Pohl was the winning pitcher. Ridgecrest was eliminated in district competition in two games, 15-3 and 20-0.

Brian Mather, Lance Moore and Colby Saylor were among the leading China Lake players. Also outstanding in the all star tournament were Paul Ashton and Shawn Hamilton.

## Youth tennis tournament set next week

Naval Weapons Center Recreation Services Department is now accepting entries for the Third Annual Youth Tennis Tournament set for August 7-15 at the Center's King Street courts.

Entry deadline for two divisions is Monday, at the Information Ticket and Tour (ITT) Office in the former community center building.

There is a \$5 per person entry fee. Youth aged 8 to 10 will play from 8 to 11 a.m. Wednesday, Aug. 7 and from 9:30 to 11 a.m. Thursday Aug. 8.

The 11-17 year-old age group will play from 8 to 11 a.m. Wednesday Aug. 14 and 9:30 to 11 a.m. Thursday, Aug. 15.

For more information on this third annual event call the ITT Office at NWC ext. 2010.

## Albacore catch looks very good

California fishermen are experiencing another outstanding albacore season. The 24-hour sport boat trips to albacore waters can be taken from most ports in southern and central California, but the most convenient is probably Morro Bay.

Last week from that port 120 anglers brought back 394 albacore. Biggest fish caught weighed 33 pounds. The albacore, averaging 25 lbs. each, are only about 35 miles off shore.

Reservations are required in advance for such a fishing trip. The Center library has telephone books for all of California, so by studying the yellow pages of the appropriate book, a potential angler can telephone for his or her reservations or can compare prices at different ports.

## Golfing hours set

Between now and Oct. 1, starting times for the China Lake golf course on weekends and holidays will be 7 a.m. Anyone needing more information can obtain this by telephoning the pro shop at NWC ext. 2990.

Department of Fish and Game personnel



## The Skipper Sez...

### QUESTION

**Civilian Employee** — I agree that windshield note about 100 percent public support was a day-brightener; however, at the working level, it would be satisfactory if we felt that we had 100 percent support from management. The problem seems to be upper management beyond NWC. Every so often, some high manager visits NWC and then there is an article in the Rocketeer about what a great job NWC does and how essential it is and so on.

Concurrently, there are continual complaints about travel, inability to get small parts in a reasonable time, timecard regulations and so on, and on. The usual response is that these are restrictions imposed by higher management.

The compliments are nice, but the next time, I wish you as CO would ask the wheel what he is doing to support NWC. Thank you.

### ANSWER

Good idea! I will do as you suggest.

### QUESTION

**Civilian Employee** — I'd like to know if there could be a key to the ladies room left at the snack bar at Schoeffel Field. There a number of ladies attend the softball games there, and the only option they have is going over to the Chief's Club, and that's not always appropriate. It would sure be helpful if the snack bar had a key. Thank you.

### ANSWER

Sorry for the inconvenience, but the locks to the Schoeffel Field Snack Bar ladies restroom had to be replaced and duplicate keys were not available in time to issue to the snack bar.

The snack bar now has the keys for ensuring the restrooms are open for all the softball games.

Recreational Services must keep restroom facilities locked when they are not used because of possible severe vandalism. The policy is to have the facilities open only when there is a scheduled use of the facilities.

*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.*

## Navy complying with instructions of water quality control board

The Navy is moving with all due haste to comply with Cleanup and Abatement orders issued by the Lahontan Regional Water Quality Control Board (RWQCB) to remove jet fuel from underground at Armitage Field where it had been previously dumped, and to build a new fire fighting facility at the airfield that will ensure that no fuels are absorbed into the ground.

Removal of the free product jet fuel underlying the fuel farm should begin before October, and the contract for the new fire fighting facility should be let by mid August with a completion date of November of this year.

In addition, through Naval Assessment and Control of Installation Pollutants funding, the Navy will be characterizing 14 other sites at the Center this fall and will fold into its upcoming contract for this characterization of Armitage Airfield. Recommendations for cleanup will be initiated by next spring.

The groundwater at the airfield (which is too saline for any commercial or agricultural use) has been shown to be contaminated by solvents and hydrocarbons in amounts that exceed state standards. The complete characterization of this contamination must be reported to the RWQCB by January 31 or next year, with a plan to remove and treat the contaminated groundwater due by March 15, 1986, and work to begin two weeks later.

The contractor to do this study is now being selected.

Also in accordance with requirements of the RWQCB, new monitoring requirements

are being implemented at the ponds used for industrial waste. The Environmental Branch of the Public Works Department is investigating funding sources so that an open-end contract can be issued to an engineering firm to do the required monitoring that cannot be accomplished by tests done by NWC personnel.

## New government ID cards to be issued this month

Because of the recent spy scandals and strong guidelines issued by the Chief of Naval Operations regarding tightening of security throughout the Navy, measures previously planned by the Safety and Security department are being initiated earlier than anticipated.

The first of these new measures will be the issuing of U. S. government identification cards (Optional Form 55) to all Naval Weapons Center military and civilian employees. Contractors will not be issued this card. At a later date, they will be issued a standard Contractor identification card.

To minimize the inconvenience to personnel, representatives from the Badge and Registration Section of the Security Division (Code 24311), will travel to the various population centers at NWC on specific dates. Regardless of their own work site or department, personnel may get their cards at the time and location that best suits their needs.

Those who are on travel or on leave, or for any other reason are unable to get their photograph taken and their I.D. cards made out during the scheduled times, can get this done at the Main Gate Visitors Center after September 5. Specific dates and times will appear in future NWC Announcements and Rocketeer announcements.

Dates, times, and places when I.D. cards will be issued include:

EWTES (Operations Center Conference Room)	Aug. 5, 6	6:30 a.m.-4:30 p.m.
CLPL (Cafeteria)	Aug. 7-9	7:00 a.m.-4:30 p.m.
IOB (Conference Room)	Aug. 12, 13	7:00 a.m.-4:30 p.m.
RCC (Congerence Room off of Room 306)	Aug. 14, 15	7:00 a.m.-4:30 p.m.
Thompson Lab (HARM Conference Room)	Aug. 16, 19	7:00 a.m.-4:30 p.m.
Airfield (Phase Crew area, Main Deck, Hangar 3)	Aug. 20-22	7:00 a.m.-5:00 p.m.
Michelson Lab (Main Lobby)	Aug. 26-30	7:00 a.m.-4:30 p.m.
Enlisted Mess (Ballroom)	Sep. 3, 4	7:00 a.m.-4:30 p.m.

Personnel are asked to come prepared to have their photograph taken. The photos will be used for the new Restricted Area Access Passes to be issued at a later date.

Other changes in security procedures will be announced in the Rocketeer before they are implemented.



**HAPPY EVENT**—Al Boyack receives a 40-year federal service pin from Capt. K. A. Dickerson, NWC Commander. —Photo by PH2 Rick Moore

## Al Boyack completes 40 yrs. federal service at China Lake

Robert A. (Al) Boyack, a model maker for the Ordnance Systems Department, received a 40-year federal length-of-service pin on July 22.

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

Boyack's four decades of federal service began when he came to work in July 1945 at what was then the Naval Ordnance Test Station. During the late 1940s, he worked as a helper general in the Maintenance Department, which later became the Public Works Department. Subsequently, Boyack spent six years as a locksmith in the Maintenance Division of the Public Works Department.

In 1955, he moved to the Propellants and Explosives Department, now the Ordnance Systems Department. He has worked in that department for the past three decades. Over the years, Boyack has been promoted from locksmith to machinist to model maker. He has been performing the duties of a model maker for the past 16 years. In

addition, he has served as a back-up photographer for the department when a need has arisen.

His service to the Ordnance Systems Department led to his being given the Clarence Renne Award in December 1983. In addition, he has received a number of Performance awards and several outstanding performance ratings. Boyack has also had three Beneficial Suggestions approved.

## Lunch slated Aug. 15 to honor graduates of education programs

A graduation luncheon will be held honoring the Center's graduates this past year in the Business Administration, Public Administration, Computer Science, Electrical Engineering, and Fellowship and Cooperative Education Programs. The luncheon will be held at the Commissioned Officers' Mess (Open) from 11:30 a.m. to 1 p.m. on August 15.

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

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

## IWV Airport District holding contest for design of new logo

The Board of Directors of the newly formed Indian Wells Valley Airport District is soliciting entries from Valley residents for a distinctive logo design. The logo should be simple and easily recognizable.

The final design selected will be prominently displayed on the Airport District's stationery, plant equipment and property. Recognition of the individual submitting the winning design will include publicity and an airplane ride over the Indian Wells Valley for the winner and a guest.

Entries for the logo design contest should be submitted by Friday, August 23, 1985 to the District's temporary mailing address: Indian Wells Valley Airport District, 110 N. Mahan, Ridgecrest, CA 93555.



**NWC BRIEFING** — Capt. K. A. Dickerson, NWC Commander, briefs officials of the Kern High School District, Kern County Employers Training Resource Directors, and Private Industry Council Board Members. The groups visited the Center to talk with students working on board this summer under the Joint Training Partnership Act (formerly CETA). The directors of the Kern High School District programs also talked with supervisors of the students who are working at China Lake. — Photo by PH2 Rick Moore

### Engineering course slated this fall at Cerro Coso College

Cerro Coso Community College is offering a 4-unit engineering course entitled "Statics and Strength of Materials" during the fall 1985 semester.

Engineering 24, "Statics and Strength of Materials" will meet on Tuesdays and Thursday evenings from 4:30 to 6:30 p.m. at the Cerro Coso City Center, Room 101. The semester begins Aug. 19 and runs to Dec. 20.

This course will cover the principles of mechanics; vector treatment of force systems in equilibrium. Stress and strain at a point; elastic analysis of deformable bodies, and engineering applications will all be covered.

A registration fee of \$5 per unit up to 6 units, or a flat fee of \$50 for 6 or more units is due at the time of registration.

Interested students may make a registration appointment by calling the college Monday through Thursday from 9 a.m. to 5:30 p.m. at 375-5001. New and continuing students may register by appointment only on August 12 through 15 from 10 a.m. to 7 p.m.

### Jobs for kids meets needs of both community, young people

Giving young people the opportunity to find employment and make money during the summer is part of what Jobs For Kids, Inc. is all about. In addition to this, according to one of the facilitators, Bob McDiarmid, is the idea that kids will learn that earning money can make them feel better about themselves. "We are trying to instill the work ethic into kids," he explains.

Jobs For Kids, Inc., the brain child of Jim Gregory, is a service located at 916 N. Norma in the Heritage Square Shopping Center. It matches up young people between the ages of 12 and 18 with potential employers. Many of these jobs are a one time only service while others are intermittent.

A backlog of jobs does not build up because when one is called in, the receptionist telephones several people who can

#### HISS test...

(Continued from Page 1)

push HISS to 3,000 feet per second. The final test will be with a single Tiger motor to full design velocity of 3,700 feet per second.

The development of HISS has been lengthy because, as an in-house project, it had low priority, especially on the test schedule.

Once HISS becomes operational, it will be integrated into the sled fleet for tests requiring high velocities. HISS will be especially useful for tests with extensive telemetry, and for missile guidance section tests, according to its designer, Jim Lawson, who came on board the Center in 1983 as a Junior Professional.

complete it. These kids are then responsible for contacting the potential employer for an interview, and in some cases, negotiating the salary. "We try to put as much responsibility as possible on the kids," says McDiarmid.

Follow-up on the job on the part of Jobs For Kids, Inc. include checking to see if someone was indeed hired, and whether or not the employer was satisfied with the work following completion.

Approximately 250 young people have cards on file with the agency, and McDiarmid expects another influx now that summer school is over.

He encourages people who have any type of job that needs to be done to call the agency; he also encourages kids to come in and register in the file. "Jim Gregory's goal was to find jobs for 500 kids by the end of summer; so far, we have completed approximately 125 jobs that have employed anywhere from one to five kids," says McDiarmid. He adds, "Many of the kids have done such outstanding jobs that they have picked up other jobs by word of mouth and are now employed on a regular basis."

Jobs For Kids, Inc. is not only a referral agency; it offers workshops such as cardiopulmonary resuscitation classes. Recently eight young people attended a CPR workshop, were certified, and given priority for babysitting jobs. Several of them are now employed as full time babysitters for the summer.

Anyone who is interested in listing a job, or anyone who needs a job, is urged to call Jobs For Kids, Inc. at 446-5528 Monday through Friday from 9 a.m. to 5:30 p.m.



### China Lake Police Reports

China Lake Police officers investigated an alleged incident of defrauding an innkeeper when a Lane Haven Trailer Park resident moved out allegedly owing \$1,500 in rent.

++++

Police officers issued a letter of trespass to an individual who entered government property without permission, and then escorted the person off base on Friday.

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A vacuum cleaner valued at \$130 was stolen from the rear of an unattended Pan Am truck on Friday.

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Following a traffic stop, a motorist was arrested for driving under the influence. The driver was held for five hours and issued a misdemeanor citation to appear in court.

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Friday evening a motorist on Highway 178 lost control of his vehicle and tore out about 100 feet of perimeter fencing.

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Tape cassettes and a tape case were taken from an auto parked at the BEQ on Saturday. The items were valued at \$196.

++++

Traffic accidents occurred late last week in a cluster of three. An eastbound driver on the CLPL road was passed by a westbound driver whose car kicked up rock. Result: windshield damage. A driver pulling away from a residence failed to see a

fire hydrant in time. Result: minor damage. And, in the third instance, both drivers were heading north on Sandquist Road in stop-and-go traffic. Driver 2 followed too closely, and plowed into the back of the other car.

+++

Unknown persons removed a generator from an unlocked storage area at Ransburg Wash. Since the generator is priced at \$612, this is grand theft.

+++

When steel ball bearings hit windows, the windows break. At Richmond School, the combination of ball bearings and windows resulted in 13 windows being broken. Cost of the vandalism: \$560.

+++

Unknown persons removed 28 car batteries from warehouse 83. Since these are worth \$652.40, the theft is a grand theft.

+++

Unknown persons removed an aircraft manifold from a work area at Hangar 3. The manifold is priced \$300.

+++

Three traffic accidents occurred Monday and Tuesday. One driver failed to see a fire hydrant barrier while backing, struck the barrier, and damaged the car slightly. In the second instance, one driver was driving the wrong way on a one-way street, a second driver who was backing did not see the vehicle, and struck it. And, in the third instance, a driver failed to see a vehicle slowing down to merge into traffic and struck the rear of that vehicle, causing minor damages.

+++

Unattended baseball equipment worth \$200 was removed from Reardon Field.

+++

Warehouse 17 was the site of another loss: 25 rolls of 16mm film was removed. The loss is listed at \$504.25.

++++

Officers investigated an incident of vehicle tampering Sunday when a brake line was cut on a motorcycle. Damage to the motorcycle was valued at \$40.

++++

A total of 14 boxes of negative paper were removed from Warehouse 17. Value of the paper is \$766.36.

++++

Also on Saturday, unknown persons damaged greens at the China Lake Golf Course by driving golf carts on the greens.

## F/A-18 plane captain receives NWC honor

For outstanding performance in his position as an F-18 plane captain, Aviation Machinist's Mate Third Class German Ydrovo is the recipient of Naval Weapons Center's Sailor of the Quarter for the period of April to June of 1985.

AD3 Ydrovo, according to Master Chief L. C. Duyson, NWC Command Master Chief, is quick to respond to any task needing completion. A prime example is that he is currently cross-training to become qualified as an A7 plane captain; this effort on his part will help to alleviate a

shortage of A7 plane captains.

Petty Officer Ydrovo, was cited for leadership qualities "rarely seen in a junior third class petty officer," said ABCM

Duyson in a letter recommending AD3 Ydrovo for this honor. He continued to say, "He is an extremely capable supervisor camping, fishing, and playing basketball.

and has had outstanding results when performing as night shift supervisor. He acts on his own initiative and often volunteers for jobs he would not normally be required to do."

In his off-duty hours, the recent recipient of the Sailor of the Quarter Award is pursuing a goal of earning a degree in mechanical engineering.

In addition to attending Cerro Coso Community College part-time, hobbies that petty officer Ydrovo enjoys include hiking,



## Military News

### Protecting children against possible abuse situations

WASHINGTON (NES)... "An ounce of prevention is worth a pound of cure." An old cliché, yes, but it's still true, especially in helping to protect your children from being abducted or abused. Teaching your children basic preventive techniques can help them avoid problems.

The Navy Family Service Centers recommend ways to protect your children against harm. For example, establish a code word with your children so they can identify a friend from a foe. If the code word is not used, your children won't believe someone who says "your mommy sent me to pick you up." On the other hand, if you're unable to meet your children as planned, they will be able to identify a friend who uses the correct code word.

Be watchful of strange people approaching your children. Don't be afraid to report suspicious-looking people or events to the local police. Establish friendly relations with your neighbors and the parents of your children's friends. By keeping these lines of communication open, everyone can work together to keep the neighborhood a safe place for children.

Also keep recent photographs of your children as well as an updated list of all identifying marks, such as scars.

The following is a list of preventive

measures that FSCs recommend parents teach their children.

- Avoid walking alone and stay with a buddy.
- Never enter an empty building or a strange one if you're being followed.
- Never discuss how much money you're carrying.
- Call home if you're going to be late.
- Never get into a car without parental permission.
- Don't open the door when you're home alone.
- Never tell a stranger on the phone you're home alone or answer any questions from a stranger.

In addition, teach them their full name, address and telephone number — including area code. Tell your children the differences between a good touch and a bad touch and that it's OK to say no. Teach them it's OK to run away and to scream, bite or hit someone who is trying to harm them.

Above all, let your children know that you trust them, that you won't make fun of them or admonish them if they tell you that an adult has made them uncomfortable.

FSCs recommend teaching children in such a way as not to frighten them. Talk about the problems in the same way you would discuss fire safety.



**RECEIVING HONOR** — During a recent quarters ceremony, Aviation Machinist's Mate third class German Ydrovo received a congratulatory handshake from Capt. J. W. Patterson, Aircraft Department head. AD3 Ydrovo, an F/A-18 plane captain on the hotline, has been in the Navy since 1983 and stationed at China Lake for the past year.

### New prescription policy in place

In accordance with the most recent change to the Manual of the Medical Department, prescriptions written by civilian practitioners (physicians, dentists) may now be filled at the Branch Medical Clinic for authorized personnel and their dependents.

These prescriptions will be filled only during normal working hours and must comply with policies applicable to military practitioner prescriptions (medications must be on the Clinic's Formulary, be in stock, and within quantity and refill limitations).

### HN Bushell is top sailor

Hospital Corpsman Karen M. Bushell has been selected Sailor of the Quarter at the Branch Medical Clinic, NWC.

Singled out for her outstanding performance, dedication and loyalty to the command, HN Bushell was honored at a recent training session.

The letter accompanying her selection read in part, "as a member of the clinic you performed all assigned tasks in an energetic and enthusiastic manner. Demonstrating a high sense of responsibility as a hospital corpsman, you have set and maintained high standards for yourself and have become proficient in many areas of the clinic."

The letter of commendation for earning this honor also reads, "The thoroughness of your patient care endeavors, the self-confidence you have gained and evoke, serves to promote comfort and trust in your patients, co-workers and supervisors."

"You are able to work in every area of the clinic, having qualified yourself in x-ray and laboratory procedures."

The certificate of award was presented to HN Bushell at the training session while her co-workers looked on.

### Fleet Reserves meet Monday at CPOM

China Lake Branch 95 of the Fleet Reserve Association will hold its regular monthly meeting Monday at 7:30 p.m. at the Chief Petty Officers' Mess.

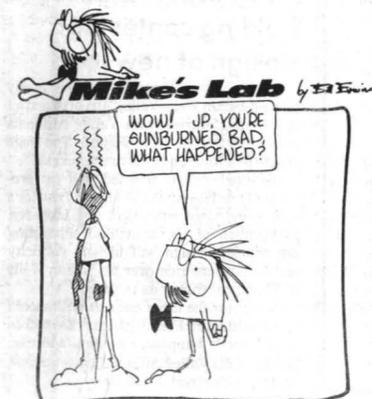
Since this is the last meeting prior to conventions, members are urged to attend and voice their opinions of issues so that the delegates can vote according to the wishes of the majority of members.

All active duty and retired Navy, Marine Corps and Coast Guard personnel are invited to attend.



**TOP SAILOR** — Hospital Corpsman Karen Bushell performs part of her duties at NWC's Branch Medical Clinic. The first-term sailor was selected as the

Branch Clinic's Sailor of the Quarter in recognition for her on-the-job performance since arriving at NWC.



## Long term training

Applicants for long-term graduate and undergraduate level training (training off-Center for 120 days or longer) have been selected for the beginning of the 1985-86 school year. They were chosen by the Corporate Planning Board for areas of study relating

directly to NWC program requirements. The subject areas are such that no educational institution or academic program in the local or community area is available for part-time or after-hours training.

### Extensions

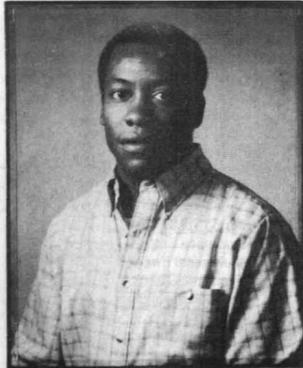
**Scott Best, Code 3952**  
Position: Electronics Engineer  
LTT School: University of Utah  
Area of study: Electrical Engineering

**David Arp**  
Position: Mathematician  
LTT School: Stanford

Area of study: Aeronautical/Astronautical Engineering (specializes in guidance control)

**Erick Erickson, Code 3851**  
Position: Research Chemist  
LTT School: Michigan State University  
Area of study: Chemistry

### Undergraduates



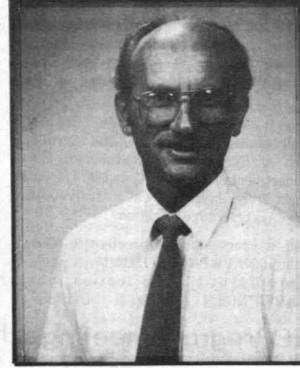
**Wendell Peters, Code 3337**  
Position: Electronics Technician  
LTT School: Cal State University, Northridge  
Area of study: Electronics Engineering



**William Deem, Code 2405**  
Position: Safety & Occupational Health Specialist  
LTT School: Cal State University, Fresno  
Area of study: Occupational Safety & Health

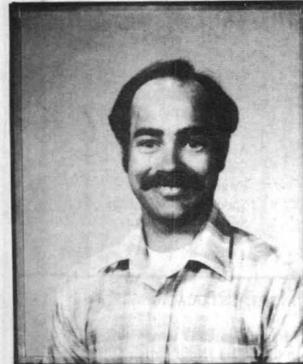


**Charmaine Franck, Code 3524**  
Position: Electronics Technician  
LTT School: University of Arizona  
Area of study: Electrical/Microwave Engineering

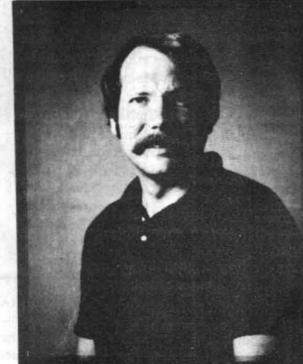


**Guenter Winkler**  
Position: Head, Physics Division  
Past degrees: B.S. Engineering (Austria)  
M.S. Engineering (Germany)  
Ph.D. Electrical Engineering (Germany)  
LTT School: Stanford (Stanford Sloan program for Executives)  
Area of study: Management

### Graduates



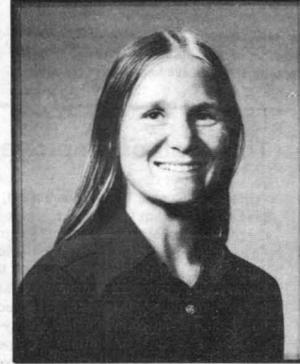
**William Vuono, Code 3681**  
Position: Chemist  
Past degree: B.S. Chemistry (Cal Poly State University)  
LTT School: University of Arizona  
Area of study: Metallurgical Engineering



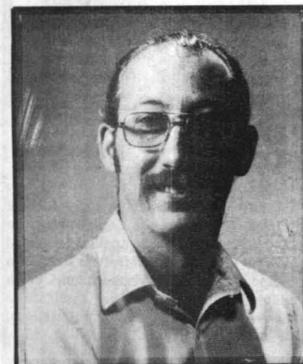
**Theodore Mockler, Code 36213**  
Position: Mechanical Engineer  
Past degree: B.S. Mechanical Engineering (University of Colorado)  
LTT School: Carnegie Mellon University  
Area of study: Mechanical Engineering



**George McManis, Code 3852**  
Position: Research Chemist  
Past degree: B.S. Chemistry (U.C. Irvine)  
LTT School: Purdue  
Area of study: Physical Chemistry



**Kathy Cummings, Code 3551**  
Position: Computer Scientist  
Past degree: B.S. Math (Hardin-Simmons University)  
LTT School: University of Arizona  
Area of study: Computer Science



**Jerome Franck, Code 3817**  
Position: Research Physicist  
Past degrees: B.S. Physics (St. Mary's University, Texas)  
M.S. Physics (North Texas State)  
LTT School: University of Arizona  
Area of study: Optical Physics & Thin Films



**Michael Munson, Code 3242**  
Position: Aerospace Engineer  
Past degree: B.S. Aero Engineering (Wichita State University)  
LTT School: Stanford  
Area of study: Mechanical Engineering; applied mechanics & mechanics of composite materials.



**Paul Plassmann, Code 3912**  
Position: Physicist  
Past degree: B.A. Physics (Reed College)  
M.A. Mathematical Physics (University of Texas)  
LTT School: Cornell  
Area of study: Applied Mathematics/Computer Science



**Van Hodgkin, Code 3816**  
Position: Research Chemist  
Past degree: B.S. Physics (Cal State University, Sacramento)  
LTT School: University of Arizona  
Area of study: Optical Physics & Thin Films



# Personnel News & Notes

No. 24

Naval Weapons Center, China Lake, California 93555-6001

## 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. CC-8540, Child Caregiver, PS-0189-02, \$4.23 per hour plus benefits, Permanent Full-Time, Code 2222** — Incumbent provides care and supervision to assigned children and helps in classroom activities. Performs other subsidiary jobs necessary for the function of the Children's Center. Must be a high school graduate or equivalent and be familiar with first aid and fire safety procedures. Must be able to lift children weighing up to 40 pounds. Position requires constant standing and walking. This is not a Civil Service position.

**No. EM-8542, Assistant Club Manager, US-1101-05, \$14,390 per annum plus benefits, Permanent Full-Time, Code 2213** — Incumbent acts for and has full authority when the manager is not on duty. Incumbent must have three years general experience, with a basic knowledge of Club operation, food and beverage service. Knowledge of basic math required. Promotion potential is UA-7, but not guaranteed. This is not a Civil Service position.

**No. CC-8541, Food Service Worker, NA-7408-02, \$4.20 per hour, Permanent Part-Time, Code 2222** — Incumbent prepares a soup and sandwich lunch for 25-30 children daily and maintain kitchen area and equipment in a sanitary condition according to Navy health regulations. Performs other duties as assigned. This is not a Civil Service position.

**No. 08-035, Accounting Technician, GS-525-4/5, Code 08622** — This position is located in the Cost Accounting Branch of the Accounting Division. Incumbent will serve as an Accounting Technician in the control and maintenance of cost accounting records and subsidiary ledgers for the Major Contract Section. Duties include the review of incoming contracts and amend-

ments for accuracy and completeness; reconciling subsidiary ledger accounts; extracting necessary information from source documents, collating the data and preparing forms to enter the data into the automated system; auditing computer outputs for accuracy; validating historical costs and transactions; and researching aged financial information to clear accounts. Incumbent has extensive contact with NWC project, budget, and supply personnel and provides information on various vendor inquiries. **Job Elements:** Knowledge of Integrated Disbursing and Accounting System; knowledge of Document Entry System; knowledge of NWC accounting system; knowledge of NAVCOMPT regulations; ability to work accurately with figures; ability to meet financial work deadlines; ability to deal effectively with people. Promotion potential to GS-6.

**No. 08-036, Management Analyst, DA-343-1, Code 0850** — Incumbent, as a trainee, performs studies and analysis of administrative/management problems and provides analysis of a variety of management programs, such as continuing congressional OMB, DOD and/or Navy Programs. **Job Elements:** Knowledge of techniques and methodologies specific to finance and management; ability to interface with all levels of management; ability to communicate in writing; ability to communicate orally. Promotion potential to DA-3 but not guaranteed.

**No. 09-50, Staffing Clerk (Typing), GS-203-4/5/6 or Clerk (Typing), GS-303-4, Code 09201** — Incumbent performs the following in support of the Center's Professional Recruitment Program: serves as the primary contact with colleges and universities for the purpose of scheduling

recruiting trips; works closely with the LA office of OPM to clear the scientific and engineering registers; serves as primary point of contact on routine matters dealing with the Cooperative Education Program; coordinates the Center's open recruiting efforts through paid advertising; provides information to scientific, engineering, and professional administrative persons seeking employment at the Naval Weapons Center. **JRC: Ability:** to deal effectively and tactfully with people of diverse backgrounds and interests; to work under stress and pressure; to plan, organize and accomplish work independently; to perform a variety of clerical functions; to type accurately and efficiently; to comprehend and apply regulatory information. Status Eligibles. Promotion potential GS-6.

**No. 14-133, Interdisciplinary General/Electronics Engineer/Physicist, Mathematician/Computer Scientist-DP-801/855/1310/1520/1550-1/2/3, Multiple vacancies, Code 1411** — These positions are in the Personal Computer Resources Section of the User Support Branch, Code 1411. The incumbent will provide hardware/software support and consultation to the customers. Support will include, but is not limited to helping customers select optimum PC hardware/software, instructing in the use of hardware/software, analyzing customers PC problems and recommending appropriate solutions, and recommending items to be stocked and supported. **Job Elements:** Experience with personal computer hardware/software (especially IBM PC and clones, Macintosh, and Hewlett Packard) understanding of PC operating systems and communication techniques; familiarity with peripherals and interfaces; ability to express thoughts effectively, and work as part of a team. Status eligibles may apply.

**No. 14-134, Interdisciplinary Physicist/Computer Scientist/Mathematician/Electronics/Aerospace/General Engineer, DP-1310/1550/1520/855/860/801-2/3, or Computer Systems Analyst, DS-334-2/3, DP-334-3, Code 412** — This position is that of Technical Manager for the Software Engineering Environment-Insertion of Technology (SEE-IT) Project, located in the S&E Applications & Tools Branch (Code 1412), User Technology and Applications Division, in the Information Systems Group. The SEE-IT project involves requirement analysis, design, and procurement/development of software engineering tools for VAX and IBM PC-compatible workstations. The incumbent coordinates and manages the technical tasks such as prototype hardware/software evaluations, system and requirements analysis, managing workstation configuration, system procurement, and the technical liaison with S&E users across the Center. Serves as the point of contact for the project as it relates to other DOD and local efforts. **Job Elements:** Experience in software development; ability to deal effectively with all levels of Center personnel; familiarity with MS-DOS operating system, VAX and IBM PC-compatible hardware and software desirable. Promotion potential to the DP-3 level, if filled at the DS-2/3 or DP-2 level, is not guaranteed. Status eligibles may apply.

**No. 26-177, Administrative Officer, DA-341-1/2/3, Code 26902** — The incumbent provides administrative support to the division. Duties include budget, administration, personnel, organizational management, contract monitoring, facilities, and various other administrative functions. **Job Relevant Criteria:** Ability to investigate and analyze problems in order to establish effect administrative systems; ability to interpret complex written material pertaining to financial management, contract administration, plant account and facilities; ability to make clear written and oral presentations. Promotion potential to

DA-3. Previous applicants need not reapply.

**No. D-34-031, Visual Information Specialist, DA-1084-1, Code 3461** — This position is located in Field Service Branch 1, Field Service Division, Technical Information Department. The incumbent prepares or assists senior specialist prepare visual graphics for presentations and technical publications. Must be able to work in both black and white and color media in support of Center programs and projects. The incumbent will also operate various cameras, headlining equipment, Diazo printers, computers for graphics preparation such as Genigraphics 100D, SG-1, SG-2, etc., and all other pertinent tools of the trade. **Job Relevant Criteria:** Experience in the communication of Visual information. Ability to communicate and work effectively with others providing positive team effort. Ability to meet stringent deadlines under pressure. Promotion potential is to DA-3, but is not guaranteed.

**No. 36-279, Engineering Data Management Specialist, DS-301-1, Code 3651** — Incumbent assists senior specialist to plan, program, implement, and monitor the acquisition of the technical documentation required throughout the life cycle of a weapon system. **Elements:** Knowledge of governing standards, directives and specifications. **Ability:** to program for new requirements; to read, comprehend, and apply written material; to learn new procedures; to accept criticism; to coordinate; to communicate orally and in writing; to do the work of the position without more than normal supervision. Supplemental is required. Promotion potential to DS-3.

**No. D-38-013, Supv. Research Chemist, DP-1320-3/4, Code 3858** — This position is that of branch head of the Polymer Science Branch. Incumbent is responsible for the supervision, direction and management of personnel performing basic and applied research in the fields of polymer chemistry, composite materials and propulsion systems. **Critical Elements:** Experience in performing basic and applied research in polymer chemistry; knowledge of and willingness to support NWC AAP and EEO policies and goals; ability to supervise and manage diverse technical programs; ability to communicate in writing; ability to prepare and deliver verbal presentations and briefings. M.S./Ph.D. in chemistry or equivalent highly desirable. If position is filled at the DP-3 level, promotion potential to DP-4 not guaranteed.

**No. D-38-014, Interdisciplinary Supervisory Electronics Engineer, Mechanical Engineer, Physicist, Chemist, DP-855, 830, 1310, 1320-4, Code 381** — The incumbent is head, Physics Division, Research Department. Responsible for directing and managing all research efforts of the division, which specializes in electronic devices and materials, microwave devices and materials, optical devices and materials, and high energy laser components. **Elements:** Knowledge of modern physics and its application to Navy problems; ability to deal effectively with NWC management, Systems Commands, other DOD agencies, and contractors; ability to supervise; and willingness to support EEO goals and policies.

**No. D-39-069, Supervisory Interdisciplinary Electronics Engineer, Mechanical Engineer, Physicist, DP-855, 830, 1310-3** — This position is head, RPV Technology Branch located in the Weapons Development Division of the Weapons Department, Code 3925. This branch is responsible for the development and testing of Full Scale Aerial Targets and development related technologies, i.e. robotics, artificial intelligence, autonomous RPVs and formation drone control of aerial vehicles. The branch is also responsible for development, design and testing of compo-

nents and systems for vehicle stability and control. **Job Relevant Criteria:** Ability to supervise an interdisciplinary workforce; ability to express oneself orally and in writing, ability to communicate and be skillful in presentation of technical material at all levels; knowledge and experience in project planning and microprocessor based control systems is desirable but not mandatory. Willingness to support NWC EEO policies and goals.

**No. D-39-070, Supervisory Electronics Technician, DP-856-3 or Supervisory Engineering Technician or Supervisory Mechanical Engineering Technician, DP-802-3** — This position is head, RPV Technology Branch located in the Weapons Development Code 3925. This branch is responsible for the development and testing of Full Scale Aerial Targets and development related technologies, i.e. robotics, artificial intelligence, autonomous RPV's and formation drone control of aerial vehicles. The branch is also responsible for development, design and testing of components and systems for vehicle stability and control. **Job Relevant Criteria:** Ability to supervise an interdisciplinary workforce; ability to express oneself orally and in writing, ability to communicate and be skillful in presentation of technical material at all levels; knowledge and experience in project planning and microprocessor based control systems is desirable but not mandatory. Willingness to support NWC EEO policies and goals.

**No. D-39-071, Interdisciplinary (General/Mechanical/Electronics/Aerospace Engineer/Physicist), DP-801/830/855/861/1310-3/4, Code 3904** — Program manager for Penguin Missile Program. Primary point of contact for Center interfacing with Headquarters, contractors, and other government activities. Responsible for preparation of planning documents associated with program organization and for coordinating NWC technical support. Duties include planning, budgeting, coordinating and monitoring in-house tasks supporting the effort in areas of missile guidance, inertial navigation, warhead, fuze, propulsion, aircraft integration, and systems analysis. **KSAs:** Ability to work effectively with people to accomplish program objectives; knowledge of missile guidance, inertial navigation and aircraft integration; ability to coordinate and plan technical support efforts. If selection is made at the DP-3 level, this position has

promotion potential to the DP-4. Candidates for DP-4 level will be eligible for selection on a reassignment basis.

**No. V62-016, Electronics Technician, DT-856-1/2/3, Code 6221** — Technician for SNORT Track. Duties include providing, specifying, operating, and maintaining data acquisition equipment and performing environmental tests on guided missiles, aircraft, ordnance, and high-speed transport items. **Elements:** Knowledge of and ability to operate standard laboratory measuring devices; knowledge of instrumentation systems; knowledge of timing information and time-correlation techniques; ability to work effectively as part of a team. Status eligibles may apply.

**No. 62-055, Electronics Technician, DT-856-2/3, Code 62118, (2 Vacancies)** — This position is located in the Instrumentation Support Section, Ballistics Test Branch, Ordnance T&E Division of the Range Department. The Instrumentation Support Section is responsible for the operation and maintenance of several complex data acquisition centers and related test bay operations to support both strategic and tactical rocket test firings. **Job Relevant Criteria:** Knowledge of instrumentation, analog and digital data acquisition; knowledge of experimental test procedures; knowledge of electronic equipment operations, modification and design; ability to use wide variety of test equipment and hardware. Ability to work alone and as a team member. Both indoor and outdoor work will be required.

**No. 34-030, Visual Information Specialist, DA-1084-1, Code 3461** — This position is located in Field Service Branch 1, Field Service Division, Technical Information Department. The incumbent prepares or assists senior specialists prepare visual graphics for presentations and technical publications. Must be able to work in both black and white and color media in support of center programs and projects. The incumbent will also operate various cameras, headlining equipment, Diazo printers, and all other pertinent tools of the trade. **Job Relevant Criteria:** Must have some previous experience in the visual communication of information. Must have ability to communicate and get along well with others providing positive team effort in Branch to achieve stringent deadlines under pressure. Promotion potential is to DA-3, but is not guaranteed. Status eligibles may apply. Previous applicants need not apply.

frequency simulation and measurement facility. The employee develops and uses the software needed to manage the data base at the ESL and to put that data in a form suitable for analysis. Promotion potential DP-3, but not guaranteed. Submit current SF-171 to Laurie Saiken, Code 331, ext. 3093.

**No. 33-026, Electronics Engineer, DP-855-2, Code 3314** — Employee plans, conducts, and reports on tests at Encounter Simulation Laboratory (ESL), Corona, CA. The ESL is an indoor radio frequency (RF) simulation and measurement facility. RF sensors are modeled — often scaled in frequency. The signature responses of these sensors are measured in simulated encounters with physical target models. These data are used for the development and assessment of the fuze and sensor systems. The employee coordinates the physical and personnel resources of the facility to satisfy the data needs of the customer. Promotion potential DP-3, but not guaranteed. Submit current SF-171 to Laurie Saiken, Code 331, ext. 3093.

**No. 36-278, Interdisciplinary Computer Scientist, Physicist, General/Mechanical/Electronics/Industrial/Chemical Engineer, Mathematician, DP-1550/1310/801/830/855/896/893/1520-2/3, Code 3687** — Multiple vacancies. Incumbent will provide support to a variety of Weapons Systems Development/Production Programs, both on and off Center, through the applications of System Safety Engineering principles and tasks; will be required to identify hazards associated with the system, determine hazard likelihood level and qualitative/hazard risk factors, and make recommendations for the elimination and/or control of hazards. Should have knowledge of Aircraft/Missile Systems/Naval Ordnance/Weapon System Development, including Design, Text and Documentation, and System Analyses and Engineering, System Safety and Reliability Engineering. Ability to plan, schedule, coordinate and evaluate long-term tasks; to communicate effectively both orally and in writing; to work closely and effectively with military, government and industry personnel is desired. To apply, submit current SF-171 to

**No. 64-119, Supervisory Electronics Engineer, DP-855-3, Code 64242** — This position is Head of the Engineering Support Section, Telemetry Systems Branch, Telemetry/Test Engineering Division of the Aerosystems Department. Incumbent will perform engineering design, development, and specification of various systems, equipment, and components for electronic measurement and communication necessary to meet data and operational requirements of various missile programs. Incumbent performs technical studies and analysis in order to determine the adequacy of instrumentation and measurement techniques to be applied to specific missile tests in order to satisfy the data requirements. Send current 171 to Larry Harlan, Code 6424 X 2621.

Ruth Inman, Code 36809.

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

**No. 64-122, Interdisciplinary, Supervisory, Mechanical, General, Aerospace Engineer, DP-830/801/861-2/3, Code 6412** — Serves as Head of the Basic Design Section, Fleet Support Branch. Responsibilities include investigating Fleet reported problems on emergency egress personnel parachute and restraint systems to determine cause and to effect corrective actions. If design related develops fix, fabricates prototype, tests, and implements design change via Fleet and production modifications. Provides direct technical support to the Fleet via message and telephone communications. Prepares program plans and budgets for NAVAIR sponsored airtasks. Supervises and provides management direction to a team of approximately five engineers and engineering technicians. To apply for this position, send a current SF-171 to John Johnson, Code 6412, extension 3449.

**No. 64-119, Supervisory Electronics Engineer, DP-855-3, Code 64242** — This position is Head of the Engineering Support Section, Telemetry Systems Branch, Telemetry/Test Engineering Division of the Aerosystems Department. Incumbent will perform engineering design, development, and specification of various systems, equipment, and components for electronic measurement and communication necessary to meet data and operational requirements of various missile programs. Incumbent performs technical studies and analysis in order to determine the adequacy of instrumentation and measurement techniques to be applied to specific missile tests in order to satisfy the data requirements. Send current 171 to Larry Harlan, Code 6424 X 2621.

## Secretarial Opportunities

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**No. 31-190, Secretary (Typing), GS-318-3/4, Code 3153** — This position serves as Secretary to the head, Infrared Systems Branch. Promotion potential GS-5. Status applicants may apply.

**No. 39-072, Secretary (Typing), GS-318-4, Code 3901** — Incumbent provides secretarial support to the Associate Department Head and the Anti-Air Projects Office.

**No. 64-120, Secretary (Typing), GS-318-4/5, Code 6422** — Incumbent provides secretarial support to the NPTR Support Branch Code 6422. Status eligibles may apply.

## 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 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).

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).

## EE Program meeting scheduled

### BACHELOR'S DEGREE

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

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

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

**Note:** The prerequisite for Cerro Coso Engr. 24 — Statics and Strength of Materials were inadvertently let out of the Cerro Coso fall Bulletin. They are Phys. 1A and concurrent enrollment in Math 6B.

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

**MATH 6C: Calculus III**

**Phys 1B: Electricity and Magnetism**

**Chem 1A: General Inorganic Chemistry**

CODE	NAME	TITLE
01	Rein, David A.	Environmental Protect
0852	Villanueva, Patrick J.	Mail/File Clerk
08606	Hydrick, Pamela B.	Accountant
08A1	Slater, Kathryn A.	Clerk-Typist
093	Hemmings, Cheryl A.	Equal Employment Spec.
12	Knemeyer, Franklin H.	Consultant
1411	Ricketts, Chris A.	Computer Scientist
1413	Roseman, Thomas W.	Computer Spec.
1422	Hansard, Derwin C.	Mathematician
1433	Atencio, Abelino E.	Computer Operator
1433	Stumph, Michael D.	Computer Operator
243	Kardos, Alfred E.	Security Spec. Supvy.
24311	Charnetski, Sandra L.	Clerk-Typist
24311	Jackson, Helen	Clerk-Typist
2522	King, Sheryl M.	Clerk
26417	Sidney, Steven E.	Pneumatic Tools Operat.
26422	Holder, E. Ann	A/C Equip. Mech.
268	Padgett, Robert E.	Plan/Est. Inspector
3103	Baker, Carol E.	Clerk-Typist
3115	Wilson, Steven B.	Computer Scientist
319	Davis, Paula R.	Clerk-Typist
3194	Showman, Gregory A.	Physicist
3252	Diaz, Rodolfo A. Jr.	Munitions Destroyer He.
331	Reed, Joann H.	Clerk-Typist
333	Bond, Gregory A.	Clerk-Typist
3384	Conway, Tamara G.	Clerk-Typist
3384	Dunn, Thomas D.	Aerospace Engr.
36213	Gaver, Kenneth D.	Mechanical Engr.
3625	Shropshire, Robert J.	Electronics Engr.
3642	Wall, Kenneth J.	Mechanical Engr.
3643	Johnson, Mark E.	Engrg. Tech.
3651	Schmidt, Chessie V.	Clerk-Typist
3682	Hokanson, Peter J.	Physicist
6103	Coppenbarger, Richard	Engr. Aid
62132	Quick, David L.	Electronics Tech
6423	Linck, Dennis W.	Electronics Engr.
64241	Shepherd, Ernest C.	Electronics Engr.

## Recent additions

## Recent departures

083	Alder, Nancy J.	Budget Analyst
08606	Minard, Robert D. II	Budget Analyst
1412	Christensen, Dale L.	Mathematician
2405	Parker, Alice M.	Safety & Occup. Health
2414	Pearia, John R.	Detective Supvy.
2431	Crum, Larry K.	Security Spec. Supvy.
24311	Madsen, Regina E.	Security Clerk
2522	King, Sheryl M.	Clerk-Typist
31404	Tomaras, Robert D.	Student Trainee (Comp.)
31931	Siebethall, Bruce A.	Computer Scientist
3243	Wilkerson, James E.	Aerospace Engr.
35403	Scrogham, Barbara B.	Clerk-Typist
3556	Connett, Charles M.	Engrg. Tech.
36561	Hyde, James C.	Specif. Writer/Editor
6211	Griffiths, Elaine L.	Secretary (Typing)

### NOTICE REGARDING TRAINING CLASS LOCATIONS

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

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

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

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

## Instructors sought

Cal-State Bakersfield is looking for instructors to teach Management Information System courses as part of its external degree programs at NWC. These courses could possible 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.

## Cal State Chico advisor on board

Dr. Orlando Madrigal of Cal-State University, Chico, will be here on Thursday, August 15, to advise students about the external degree programs offered by the university. Cal-State University, Chico, has

external degree programs in computer science at NWC that lead to bachelor's and master's degrees. For an appointment to see Dr. Madrigal, call Kit Driscoll, NWC ext. 2648.

## 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. 31-184 (Interdisciplinary), General/Electrical/Electronics/Aerospace Engineer/Physicist, DP-801, 850, 855, 861, 1310-2/3, Code 3142** — This position is located in the Avionics Integration Branch. The incumbent is responsible for engineering and technical support of all UVEFROP work on the Memory Loader Verifier for the AV-8B including software integration programs that permit loading of the UVEFROPMS. Knowledge: Avionics software interface and integration operations; systems functional design and modeling. Demonstrated Ability: Prepare plans and implement tasks to meet schedules; interface effectively with all levels of civilian personnel, including sponsors, across organizational lines. To apply for this position send your updated SF-171 to M.R. Rindt, Code 3142, X5575.

**No. 31-185, (Interdisciplinary) General/Electrical/Electronics/Aerospace Engineer/Physicist, DP-801, 850, 855, 861, 1310-2/3, Code 3142** — This position is

located in the Avionics Integration Branch. The incumbent is responsible for engineering and technical support of A-4/AV-8B ARBS Weapons Delivery System. Responsibilities include planning, developing, implementing, scheduling, troubleshooting, and problem solving functions. Knowledge: 1553 Data Bus operations; weapons system control functions. Demonstrated Ability: Prepare plans and implement tasks to meet schedules; interface with and monitor contractor operations; to communicate, coordinate, and interface effectively with employees at all levels, including sponsors, across organizational lines. To apply for this position send your updated SF-171 to M.R. Rindt, Code 3142 X5575.

**No. 33-027, Electronics Engineer, DP-855-2, Code 3314** — Employee develops signal processing simulation models, target scattering models, data base management software, and graphics software. This position is at the Encounter Simulation Laboratory (ESL), Corona, CA, which is a radio

## Secretarial opportunities

This column is used to announce secretary positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grades, administrative functions become predominant. At the higher levels, secretaries apply a considerable knowledge of the organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria indicated below.

Applicants will be rated against 4 or more of the following job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence and/or prepare non-technical reports; (4) knowledge of filing systems and files management; (5) ability to meet the administrative needs of the office; (6) ability to train clerical personnel and organize workload of clerical staff processes; (7) ability to plan and coordinate travel arrangements; (8) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

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

**No. 09-51, Secretary (Typing), GS-318-5, Code 093** — Provides secretarial support to the EEO Division, Personnel Department. Promotion potential to GS-6. Status eligibles may apply.

**No. 24-247, Secretary (Typing), GS-318-4 5, Code 242** + Provides secretarial support to the NWC Fire Division. Promotion potential GS-5. Status eligibles may apply.

**No. 26-170, Secretary (Typing), GS-318-4/5, Code 269** — Position provides secretarial support to the Head, Facilities Planning and Resource Division. Previous applicants need not reapply.

**No. 14-131, Secretary (Typing), GS-318-4/5, Code 1442** — The incumbent provides secretarial services to the branch head of the Acquisition Management Branch. Promotion potential to GS-5 not guaranteed.

**No. 26-170, Secretary (Typing), GS-318-4/5, Code 269** — Position provides secretarial support to the Head, Facilities Planning and Resource Division. Previous applicants need not reapply.

**No. 14-131, Secretary (Typing), GS-318-4/5, Code 1442** — The incumbent provides secretarial services to the branch head of the Acquisition Management Branch. Promotion potential to GS-5 not guaranteed.