

YUMMY — The annual ice cream social sponsored by the All Faith Chapel was a delicious success. More than 600 persons enjoyed the ice cream and home

made cakes, pies, and other goodies. The proceeds of about \$1,200 will be used for mission projects supported by the PWOC.

CLOTA's 'Once Upon a Mattress' opens tonight in lecture center

The stage is set and the actors are ready for tonight's opening performance of the Community Light Opera Theater Association's (CLOTA) summer musical, "Once Upon a Mattress." The curtain will open for each performance at 7:30 p.m. in the Burroughs Lecture Center.

Director Sherry Parker and her cast members have been working for months to bring this musical to the local stage. Based somewhat loosely on the Hans Christian Andersen story, "The Princess and the Pea," this show will be a delight for the entire family. Knights and their ladies, a

Time mgt. is topic for ESCN dinner, meeting on July 24

LaNelle Thompson, a Professional Certified Management Training Consultant, will talk about "Time Management for the Career Woman" at an open meeting of the East Sierra Careerwoman's Network on July 24. All interested persons are welcome.

The meeting will be at LeParc restaurant in Ridgecrest, with networking beginning at 6 p.m. and dinner at 7 o'clock. During dinner, Pat Nelson of McNeil's Fashions will hold a fashion show entitled "How to Dress Like a Professional in All This Heat." Models for the fashion show will be network members.

Prepaid reservations are required. They may be made by sending a check for \$8.50 to ESCN, 429 Tepatitlan Court, Ridgecrest, CA 93555 or by purchasing tickets at the Ridgecrest Chamber of Commerce, 303 S. China Lake Blvd., Ridgecrest. The ticket covers dinner, tax, and tip.



	Max	Min.	Peak Wind
Fri.	107	70	27 knots
Sat.	109	63	23
Sun.	108	68	23
Mon.	108	69	28
Tues.	104	69	23
Wed.	106	71	—
Thurs.	101	75	24

All readings were made at Armitage Airfield.



Members and guests are invited to the Commissioned Officers' Mess tonight for membership night. Special menu for this evening will be steamship round of beef, corn on the cob, baked potato and salad bar to be served on the patio from 6 p.m. to 9 p.m. Following dinner, from 8 p.m. to midnight, "Country Rose" will play for both listening and dancing pleasure.

The Chief Petty Officers' Mess invites guests to enjoy a live band, "Sunlight," for a variety of musical entertainment tonight. The CPO's dinner special for the evening is prime rib served from 6 to 9 p.m.

The public is invited to enjoy an evening of dining at the Enlisted Mess for a dinner special of T-bone steak this evening from 6 to 9 p.m. Saturday's special will be porterhouse steak served from 6 to 8:30 p.m.

Events scheduled at the Sierra Summer Festival this weekend include three concerts. Tonight Joe Sample and Higher Feelings will play; tomorrow night the Mamas and Papas and Walley Glue; and Sunday, The Limelights and South Coast Trio.

The outdoor concerts take place at Mammoth Lakes. Tickets can be reserved by telephoning The Booky Joint in Minaret Village at Mammoth Lakes, (619) 934-3240, or Recordtown USA in Bishop, (619) 873-3660. Cost of tickets varies by concert.

Next Tuesday is date to 'Welcome Aboard' new officers, JPs

All Center personnel and their spouses and friends are invited to a "Welcome Aboard" party to be held next Tuesday for 30 new Junior Professional employees and five military officers. Supervisors and co-workers are especially invited.

The welcoming fete will be held at the Commissioned Officers' Mess, starting at 5:30 p.m. A donation of \$3 to help defray expenses will be asked of everyone except the honorees and their spouses.

Coastside Cable TV to up rates Aug. 1, changing name soon

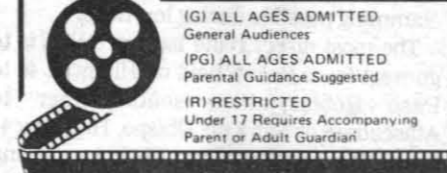
Coastside Cable TV, Inc., has announced that the monthly cost of cable television service for China Lake residential customers will increase by \$1.50. The rate increase will be effective on Aug. 1, and applies to the satellite tier channels, channels 14-23.

Coastside also announced that in the near future the company will change its name to Boulder Ridge Cable TV. The location of the company's office at China Lake and the mailing address will remain unchanged.

Movies

FRIDAY	"HEARTBREAKERS"	JULY 19
	Starring Nick Mancuso and Peter Coyote (Drama, Rated R, 98 min.)	
SATURDAY, MONDAY	"THAT'S DANCING"	JULY 20, 22
	Starring Gene Kelly and Liza Minnelli (Musical, Rated G, 103 min.)	
SUNDAY	"PETE'S DRAGON"	JULY 21
	Starring Helen Reddy and Mickey Rooney (Musical-Comedy, Rated G, 103 min.)	
TUESDAY	"THE SECRET OF NIMH"	JULY 23
	(Matinee) Voices by John Carradine and Dom DeLuise (Fantasy-Adventure, Rated G, 83 min.)	
WEDNESDAY	"AVENGING ANGEL"	JULY 24
	Starring Betsy Russell and Roy Calhoun (Drama, Rated R, 94 min.)	
THURSDAY	"SIX WEEKS"	JULY 25
	(Matinee) Starring Dudley Moore and Mary Tyler Moore (Drama, Rated PG, 106 min.)	
FRIDAY	"AMADEUS"	JULY 26
	Starring F. Murray Abraham and Tom Hulce (Biographical Drama, Rated PG, 160 min.)	

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



Magician presents show for everyone at Center theater

Veteran magician Jan Stiff will demonstrate spell-binding magic to young and old on Wednesday, July 24, from 2 to 3 p.m. at the Center theater.

Children age 2 and under will be admitted free, with an admission charge of \$1 for those ages 3 to 11 years, and \$1.50 for everyone over the age of 12.

Anyone who wishes to purchase a ticket early can do so at the Information, Ticket and Tours office on the west side of the Community Center building Mondays through Fridays from 9 a.m. to 5:30 p.m. Tickets can also be purchased at the door on the day of the show, with the box office opening at 1:30 p.m.

WACOM celebrates 'Christmas in July' with Thrift Shop sale

Christmas is arriving in July on the Center for clients for the Thrift Shop operated by the Women's Auxiliary of the Commissioned Officers' Mess.

On Thursday, July 25, the Thrift Shop is holding its "Christmas in July" sale from 10 a.m. until 2 p.m. — special sale hours for this event.

All Center personnel, as well as anyone from the community who'd like to take of some outstanding bargains, are invited to drop in at the shop, located on Lauritsen Road across from Schoeffel Field.

Hot weather health tip

During strenuous activity in hot weather, the body may not be able to replace water as fast as it is lost. Therefore, to prevent dehydration, people should drink water before, during and after any workout.

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

FROM: _____

PLACE STAMP HERE

TO: _____

Courageous SAR crewman gets unusual ride

AD2 Rick Tavenner got a better 360-degree view of Mt. Whitney and the surrounding terrain than probably anyone else in history — but very few people would have volunteered to change places with him while he got that view last Saturday.

He knelt on a Stokes litter suspended more than 100 feet beneath the Center's Search and Rescue helicopter when an injured climber strapped on that litter was airlifted from the more than 14,000-foot altitude to the Southern Inyo Hospital at Lone Pine about 25 miles away, and 11,000 feet lower.

The climber, Jeff Harris, 30, from Anaheim (whose job it is to climb the Mat-

terhorn at Disneyland regularly), fell last Friday while descending the mountaineer's route from Mt. Whitney. Although he managed to keep from rolling over a cliff dropping several hundred feet, he did sustain two broken vertebrae in his back, a severely sprained ankle, and cuts and bruises.

His climbing partner, Glen Tepke, succeeded in getting Harris to a notch where he could be left, and then Tepke proceeded down the mountain in search of help. Fortunately, at East Face Lake, he found members of the Alpine Skills Institute; the instructor from that group climbed up to the injured man to take him a sleeping bag

while Tepke went on for help.

The China Lake Mountain Rescue Group received a call to assist at 9:30 p.m. Friday. The advance team left for Lone Pine airport promptly, arriving there by 12:15 a.m. Saturday, and then moved up to Whitney Portal.

Bob Huey, operation leader, and Andy Mitchell left Whitney Portal by 1 a.m. and reached Harris at about 6 that morning.

A second team, consisting of Tom Stogsdill, Mike Renta, Dan Harris and Dave Silverman, followed, carrying a Stokes litter and technical climbing gear that would be needed.

When the CLMRG members reached the

injured man, they determined that if he had to be carried out, more help was needed. Both the Inyo County and the June Lake search and rescue teams responded to the call for help.

In addition, a Bureau of Land Management helicopter, piloted by Roger Mothersdaugh, ferried men and equipment to the top of Mt. Whitney since CLMRG members determined that it would be easier to carry the injured man up to where he could be air-lifted to the hospital than to carry him down the mountain.

The China Lake SAR helicopter also carried men and gear to the mountain top.

(Continued on Page 7)

NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XL, No. 29 / July 19, 1985

AIMD keeps China Lake's aircraft flying safely

"An airplane is nothing more than thousands of spare parts flying in close formation," said CWO4 Cliff Cook, Aircraft Intermediate Maintenance Department head.

Nearly 100 sailors and civilians in more than half a dozen shops perform maintenance designed to keep China Lake's array of aircraft in the air and carrying out the NWC mission.

Acting to support NWC and VX-5 organizational maintenance, AIMD is a maintenance shop between operational and Navy depot level. CWO Cook also noted they are called on to perform some "pretty in-depth work on occasion" in spite of the "intermediate" designation by the Navy.

When possible, the crew assigned to AIMD shops work on parts removed from aircraft and brought to them for repair and/or testing. If, however, the part is too big to remove or too difficult to take off, AIMD will go to the aircraft.

Aircraft maintenance is changing, said Warrant Officer Cook. Uniform test benches are a new development to hold down costs and speed up repairs.

With universal test benches, a black box from an A-7 can be serviced one day and a black box from an F/A-18 the next. Only the connecting cables have to be changed.

Warrant Officer Cook said it made a lot of sense to change adapters and cable connections rather than buying different test benches for each type of aircraft in the Navy's inventory.

Aircraft manufacturing firms are also moving toward a commonality of many basic parts used in all aircraft, according to CWO Cook.

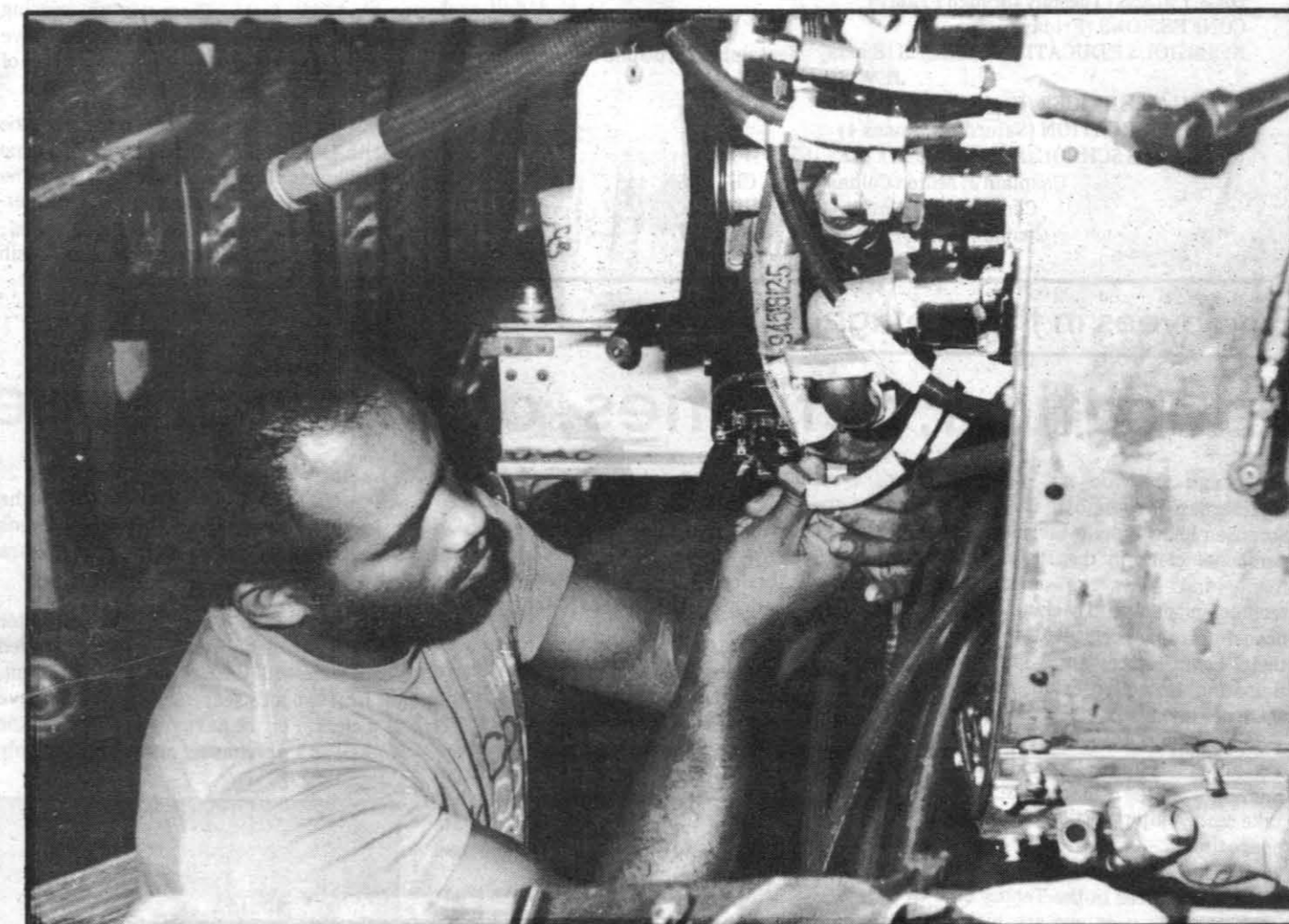
AIMD's civilian workforce is made up largely of retired military and prior-service military personnel. Warrant Officer Cook noted that this made for a good situation in which the civilians and military personnel assigned have an excellent working relationship.

Included under AIMD's umbrella is a non-destructive inspection (NDI) group of specialists. Using techniques from magnetic particle inspections to examinations with portable x-ray devices, they inspect critical aircraft components without having to damage or destroy the parts "in question."

They also use ultrasonic equipment and dye solutions to examine aircraft parts.

CWO Cook noted these tests recently turned up an A-6 with a structural crack serious enough to ground the plane until repairs can be accomplished. It was a routine inspection that turned up the problem.

AIMD's Airframe Section is responsible, among other things, for repair and building of tire, wheel and brake assemblies on all assigned NWC aircraft. In the Structural



ENGINE WORK — Henderson Zeno, a J-47 jet engine mechanic for AIMD, tightens some fittings on an engine in the Power Plant Shop. (See additional pictures on Page 5).

Shop, sailors repair and rebuild aircraft structural components as needed.

Repair, testing or even major overhauls, of electronic systems is the responsibility of civilians working in AIMD's Avionics Section.

Power Plant Shop personnel are primarily concerned with support of NWC's Full Scale Aerial Target program by keeping the J-47 power plant in the QF-86s working. They inspect, disassemble and repair QF-86 engines.

CWO Cook noted they did a great deal of liaison work with the Air Force and some foreign military personnel in the course of working on the QF-86, an aircraft no longer used by U.S. military forces.

Another major function of AIMD is maintenance and repair of Ground Support Equipment. These include aircraft starter units, bomb trailers, electrical units, tow tractors, tow vehicles and much more. CWO Cook noted this equipment is spread throughout the Center, where ever such vehicles are needed.

GSE personnel also take care of major repairs on this equipment to keep it

operating to meet Center mission requirements.

"We work closely with VX-5, OMD and other branches of the military," said CWO Cook. AIMD comes under the Aircraft Department's Aircraft Support Division. He noted there was a need to retain the good working relationships developed over the years with Center organizations as well as transient users of NWC facilities.

One part of AIMD handles routine as well as intermediate maintenance requests, those working in the Aviation Life Support Systems Section. The parachute riggers and other who work in the section are responsible not only for parachutes, but oxygen regulators, harnesses in the g-suits and other life support equipment in the aircraft cockpit.

AIMD operates some unique test and maintenance equipment because of the variety of aircraft assigned here and because so much of the mission work is test, development and evaluation of new systems.

CWO Cook noted that when VX-5 performed a special OPEVAL for the AV-8B,

AIMD gathered support equipment from throughout the Fleet Marine units in order to meet operational needs here.

He said a great deal of coordination and planning went into getting equipment shipped here on time, then getting it back to Fleet units as quickly as possible.

The goal at AIMD is to keep all those flying parts in a close formation so they do the job intended.



See Page 4



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

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

Plague identified in Kern Co., maintenance program in effect

Plague is an ancient disease, once referred to as the "Black Death". It devastated the population of many rat-infested European countries during the Middle Ages. Isolated human cases of plague have occurred in the United States since the early 1900s.

Today, the major threat of plague to humans is from wild rodents, particularly ground squirrels and rabbits. The expanding human population and the development of housing, industry and agriculture in formerly undeveloped lands, together with life-styles that emphasize outdoor recreation, are bringing people in close contact with certain wild rodent species. This has substantially increased the exposure of humans to plague.

Evidence of plague has been found in wild rodents in Kern County this year. However, so far there have been no reported cases of human plague. Leon M. Herbertson, M.D., Kern County Director of Public Health Services stated that it is still too early to determine if plague activity will remain at a low level in Kern County during 1985.

Plague in Kern County is most often found in fleas on wild rodents, at elevations over 3,000 feet. There is increasing evidence that pets, particularly cats, have a role in the transmission of some cases of plague.

Dr. Herbertson announced that the Health Department is conducting a plague surveillance program in Kern County. The plague surveillance program will be carried out at three sites: Frazier Park area; Tehachapi Mountain area; Walker Basin (near Lake Isabella).

An on-going cooperative maintenance plan to control the disease in these areas began last month and will continue during the summer. This maintenance plan, a cooperative effort involving the U.S. Forest Service and the Kern County Health Department, will intensify during the summer months.

The locations to be monitored include: Chuchupate, Mt. Pinos, McGill, Chula Vista, Camp Condor, Apache, Condor Site, and El Tejon School.

Dr. Herbertson encourages all individuals who live in or visit a plague infested area to observe the following precautions:

1. Do not handle sick or dead rodents; instead, notify the nearest park ranger or local Health Department.
2. Do not feed rodents or have food available for them. Eliminate trash that can harbor rodents near living areas.
3. Do not place tents and sleeping bags on or near entrances to rodent burrows; when possible, sleep off the ground on cots.
4. Use insect repellent, wear long sleeves and pants with cuffs tucked into boot tops.
5. Leave pets at home or keep them on leashes; use flea powder and flea collars in infested areas.

Plague is treated with prompt diagnosis and the administration of specific antibiotics. Rapid and proper diagnosis is essential both for victims and their contacts. If fever and/or painful swollen lymph nodes develop in residents of known plague-infested areas or in persons who have visited such areas within a week's time, a physician should be consulted. The physician should be told that the person could have been exposed to plague.

Employees in the Spotlight

Education, activities, occupy Sorensens' free time

Although they do not work together, togetherness is something that Al and Doris Sorensen know quite a bit about. Doris is a personnel clerk in the Personnel Department, and Al works as an electronic technician in the Tracking and Control branch of the Aircraft Department, but their hours after work are spent participating in activities in which both of them are involved.

Snow skiing, traveling, upgrading their 2½ acres of property, and being active members in the China Lake Tennis Club take up a major portion of the Sorensens' spare time.

"We have held the secretary/treasurer and social offices in the Tennis Club in the past, and this year, we are just playing," says Doris. Time spent "just playing" has paid off for her; she recently placed in a local tournament in the mixed doubles category.

Those with children involved with sports in the local area may recognize Al; he has officiated for several different sporting events in the past, and he still referees volleyball and Commander's Cup athletic activities.

While it seems these activities would require all of someone's spare time, these are just hobbies that the Sorensens enjoy.

Another of the activities in which they are involved is a long term project; both Al and Doris are enrolled in the extension program from California State University at Bakersfield, and are working towards bachelor degrees in Business Management.

For the past two years they have been taking classes, usually one per quarter. In addition to this commitment, Al is attending Cerro Coso Community College and earning his general education certification. He received an Associates degree from Bakersfield Community College, but when he enrolled in the program with Cal State Bakersfield, many of the credits he had previously earned did not transfer.

While Al enjoys working with the hardware for which his branch is responsible (maintenance and control of all full-scale aerial targets), he has found that he is becoming more involved with management activities, and that his courses are an asset.

Sometime in the future, following his retirement, he is considering another career. He enjoys working with children and teenagers, and would like to become involved in some way with youth. "I learn as much from them as they learn from me," he says of his past experience with minors.

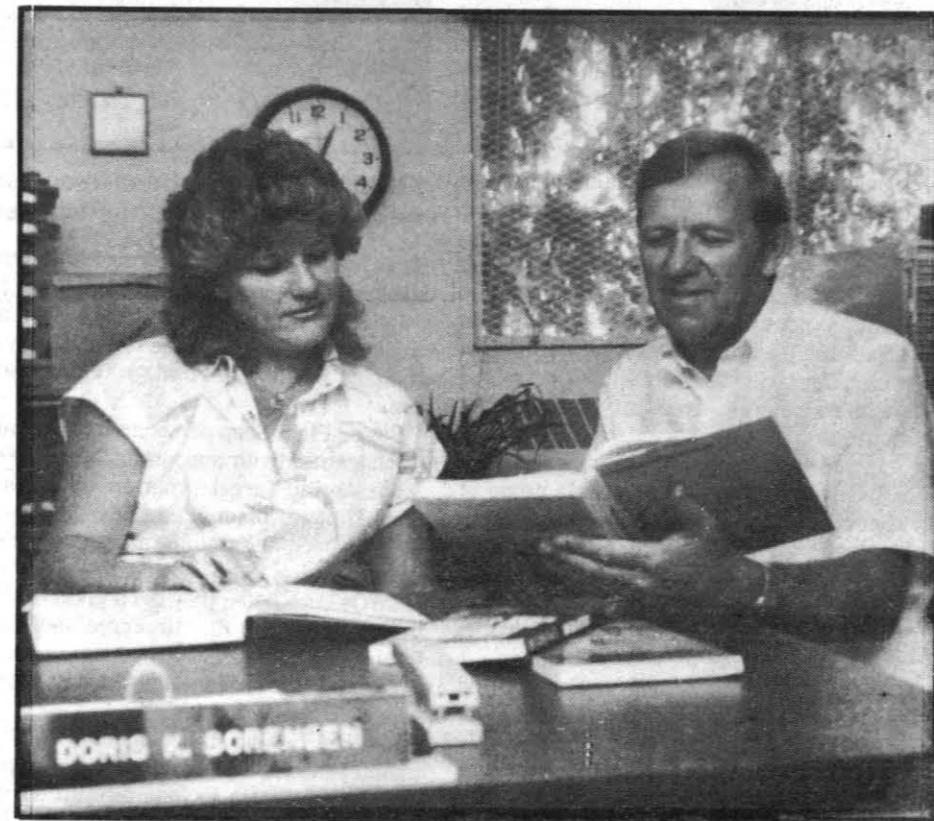
He has worked on Center for nearly 24 years, 19 of which were spent in the weapons control branch of the Weapons Department. He has spent the past 2 years in his current position.

Doris has been employed by the Center for the past nine years. Her first seven years were with the Ordnance Department, the first two as a secretary and the last five as a clerk. For the next year and a half, she worked as a purchasing agent in the Supply

Department. She is now a personnel clerk and a member of the team responsible for all personnel actions for the Engineering and Personnel Departments.

In December of 1984, Doris graduated from Cerro Coso Community College with an Associate of Arts degree.

After earning her Bachelor's degree, she hopes to eventually move into personnel management advising or organizational development.



GETTING AHEAD OF THE GAME — Studying during lunch time is one way for Al and Doris Sorensen to get done with their homework and still have time after work to enjoy their spare time together. The Sorensens are both enrolled in the extension program through California State University at Bakersfield and earning degrees in Business Management.

Morro Bay good place to spend cool weekend

A good place to cool off and relax during a hot summer weekend is the Central California port of Morro Bay, about a four-hour drive from China Lake.

Both the town of Morro Bay and the land-locked bay itself are named for the great conical rock soaring 576 feet up from the sands. (The name "morro" comes from the Spanish word for "headland.")

Anglers enjoy dropping a line into the waters of the bay to catch a wide variety of fish. Those who prefer surf fishing trudge along the shoreline to cast into the surf, with mixed results since surf fishing can be very frustrating. The anglers who do the best of all are those going out on the sport boats daily, with both a morning and a twilight trip scheduled by most operators.

Museum buffs find the Museum of Natural History fascinating since both the geological and oceanographic material is featured. Lots of tide pools, both by the bay itself and along the beaches to the north of Morro Bay are excellent for wading and observing starfish and sea anemones. Pismo Beach and Shell Beach, south of Morro Bay, are noted for the excellent clamming possible during low tides.

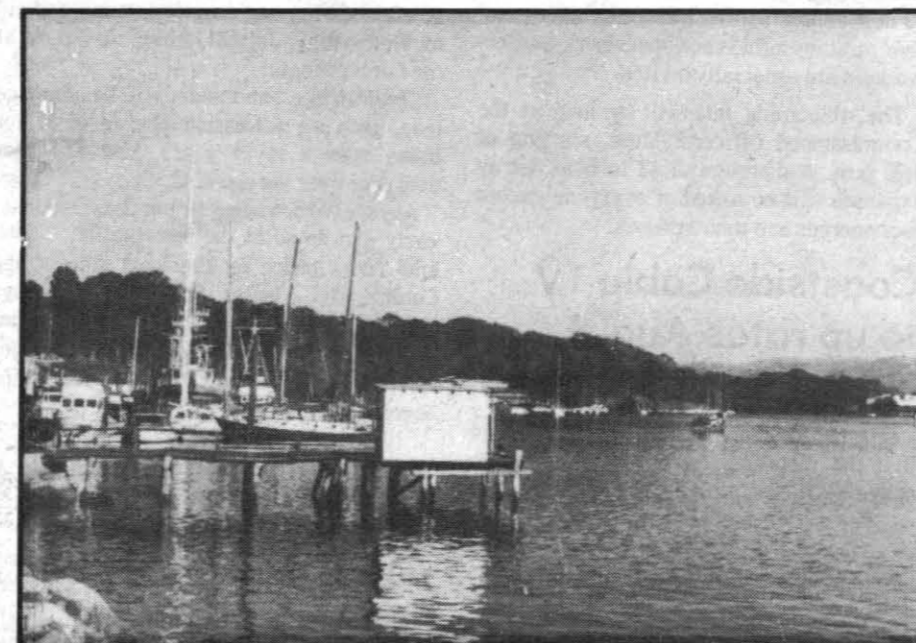
The most direct route to Morro Bay is to go west from Bakersfield on Highway 46 to Paso Robles, then south either to Atascadero or San Luis Obispo. Highway 41 from Atascadero to Morro Bay is a curving mountain road leading through the coastal range; it's two lanes and fairly slow going, although scenic. Those who prefer driving freeways can probably reach Morro Bay almost as rapidly by proceeding down Highway 101 to San Luis Obispo and then taking Highway 1 to the coast.



PEACEFUL SCENE — Evening falls at Morro Bay, with the distinctive silhouette of Morro Rock showing

where the edge of the ocean is. Morro Bay is almost completely land-locked.

Photos by
Mickey Strang



AT ANCHOR — Commercial fishing boats and pleasure boats share Morro Bay's friendly waters.

Spectacular flight...

(Continued from Page 1)

Conditions were so unstable that the gear was pushed out of the helo, and the team jumped several feet to the ground while the helicopter hovered with a one-skid approach at another site that was more favorable for landing personnel.

Since carrying the injured man up posed difficulties (albeit lesser ones than having to carry him down would), the China Lake SAR helo crew decided to try to airlift him to safety. AD2 Tavenner volunteered to rappell down a rope to reach Harris since no helicopter landing was possible because of the steep terrain.

SAR helicopter pilot Lt. Tim Cleary said that Petty Officer Tavenner really had time to consider that decision to volunteer since the helo ran low on fuel and had to return to Lone Pine for fuel shortly after he had volunteered.

"He still said he'd do it even after thinking about it," Lt. Cleary said with admiration. "There's no way that anyone could have been ordered to take such risks, so it called for a lot of courage."

The helicopter hovered between 100 and 125 feet above the victim while Petty Officer Tavenner rappelled down the rope. He

attached the litter unto which CLMRG members had strapped the injured man and the back-board onto which he had been tied, knelt on the litter, and signaled for lift-off. (The hoist, normally aboard the helicopter, had been left at a lower elevation because of its weight since the helo was operating at the edge of its flight envelope. Because of this, the two men could not be winched in.)

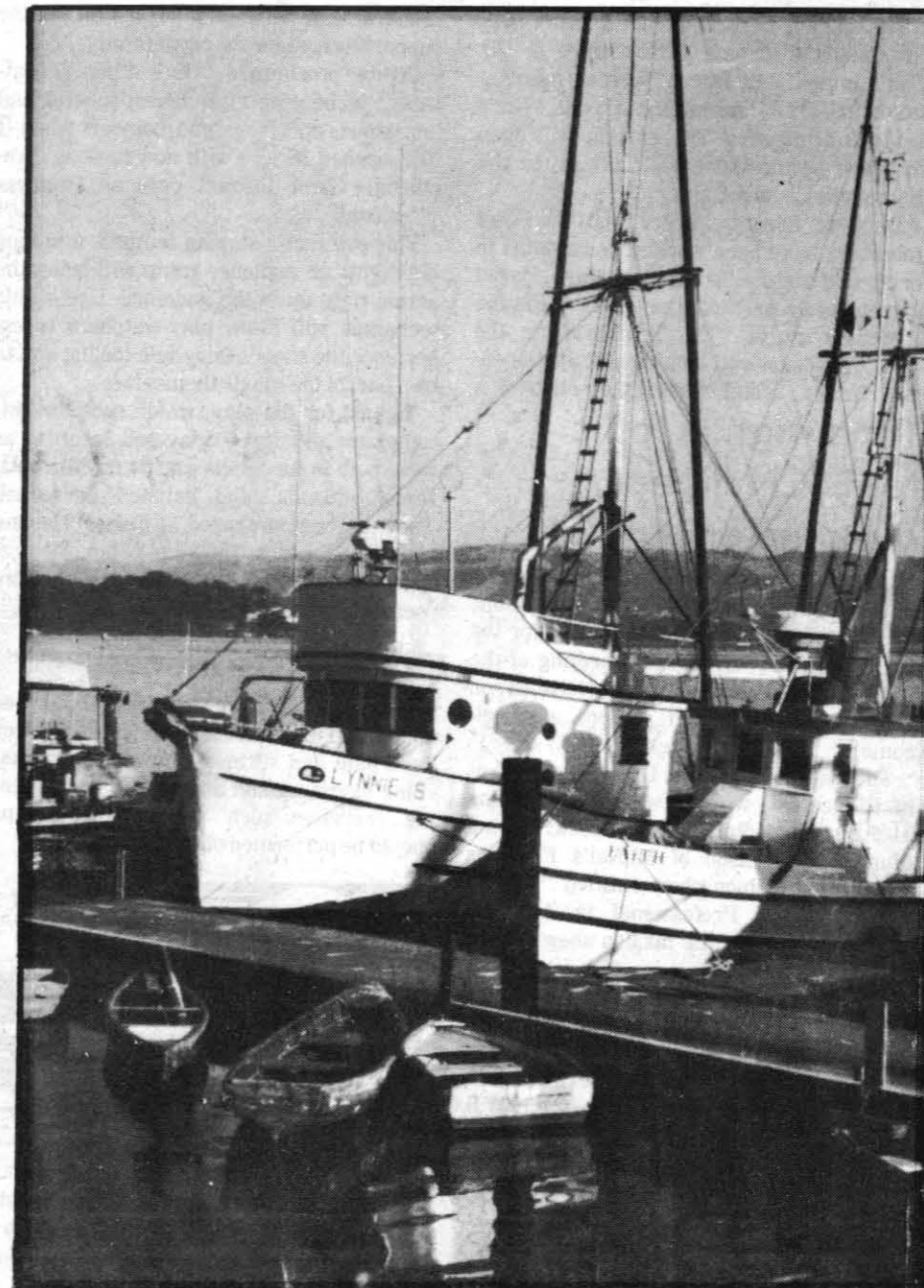
A check of records indicates that this may have been the highest rappell and short haul rescue ever made in the United States.

"Anybody in Lone Pine with good binoculars was able to see the whole rescue," said Lt. Cleary, "because there's a gap between two peaks that left a clear range of view."

The SAR helo gently deposited the two men near the hospital where Harris then was treated for his injuries.

Other members of the SAR helicopter crew were Lt. Mark Eoff as co-pilot, crew chief AE2 Mark Keenan, and HM1 Bill Lewis.

CLMRG members at base camp included Liz Anderson and Phelps TerHuen, while Mary Wyatt, assisted by Sheila Rockwell, served as in-town coordinator.



MARINA HOME — The placid waters of the bay make it a desirable mooring for small boats.

Social Security Office clients can conduct much business quickly by telephone

Many services at the local social security office can be handled quickly and efficiently by telephone.

Small, but very important details such as reporting a change in marital status, work, or reporting lost or stolen checks and medicare cards can be taken care of over the phone.

People may call in and begin an application for payments related to social security, apply for Medicare, or ask questions concerning name and address changes on social security cards.

Persons may reach the office by calling 375-7447 Monday through Friday from 2 to 4 p.m.

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Sports

Cattfishing most productive at Lake Isabella during last week

by Mike Vradenburg

Summer storms passed through the valley last week making temperatures a little cooler. Lake enthusiasts are seeing clearer water as the plankton settles to the bottom.

Many anglers found bass fishing had improved with the cloudy skies, but cattfishing was the most productive. Fishing remains inconsistent for most anglers with the lake level falling.

Anglers fishing for catfish are doing the best in the evening and after dark. Nightcrawlers, clams, mackerel, anchovies, and shrimp are the most common baits being used.

In the morning last week two large bass — a 7- and an 8-pounder — were landed, but most bass being caught are weighing 1 to 3 pounds. The bass are being caught in shallow water near the weeds, rocks, trees, fences and submerged islands.

Anglers are moving slow and quiet, because in warm water the bass are sluggish and easily spooked. In the spring the bass are active, and will quickly strike a fast moving lure.

But in the summer when the water is warm, a slow retrieval works best. Surface lures (poppers, jitterbugs, jointed min-

nnows) are most effective when they are cast into a prospective spot, and let rest a moment.

Then given a slight tug, they will react realistically giving vibrations of an insect, wounded fish, or other prey. After each tug reel in a little line, continue this method until the lure is away from the structure, if no luck reel in, recast, and start over.

Rubberworms are fished in a similar manner, with little or no weight to let it wiggle and remain near the surface. Nightcrawlers and waterdogs are effective baits, but are easily lost in the hot weather.

Last week the most productive bass fishing areas were Brown's Cove, Southlake, Lime Dyke, Engineer's Point, Paradise Cove, and between Piney Point and the marina. Anglers are catching their limits of trout on the river from KR 3 to Kernville Park and below the dam near Hobo and Democrat Campgrounds.

Red salmon eggs is the bait being used.

15 lb., 8 oz. brown trout hooked from shore at Rock Creek Lake

A 16-year-old Chula Vista man had an experience last week that he'll probably remember for the rest of his life: he hooked into and landed a 15-pound, 8-ounce brown trout while fishing from shore at Rock Creek Lake. The big fish measured 33 3/4 inches long, and had a girth of 19 inches. The lure that proved irresistible to the big trout was a silver Mepps spinner.

At Convict Lake on the preceding weekend another happy angler reeled in a 10-pound, 14-ounce brown while using a yellow roostertail lure. Other anglers at Convict Lake also did well, with lots of fish.

Fish were biting on nearly anything thrown into the water at Lake Sabrina,

Rock Creek Lake, and on the lakes in the June Lake loop. Spinners and salmon eggs were rated as especially good, with flies catching a lot of trout throughout the Sierra lakes early in the morning and, especially, in the evening.

In the June Lake loop, Silver Lake and Rush Creek provided the most action. At Crowley, fishing was especially good for anyone trolling with Flatfish lures, and with purple and yellow jigs.

A big crowd was drawn to Upper and Lower Twin Lakes at Bridgeport by the good weather and lots of fish being caught. Needlefish, Kastmasters and marshmallows seemed to please the fish most.

Commander's Cup starts for '85-'86

Competition for the 1985-86 Commander's Cup started again with NWC Gold taking the reins by making a clean sweep of the horseshoe pitch event. Competition was held Wednesday, July 10, at the horseshoe pits at the CPO Mess.

NWC Gold completed the contest taking 12 of 18 matches. NWC Blue finished second taking 4 of the matches and VX-5, though strongly represented, finished last, winning only 2 matches.

Team members for the Gold squad were Larry Nolan, Joe Pozzi, Darrell Prudy and Stu Caldwell. Tony Bookout, Jesse Pigford,

Christopher Winfield, and David Stone comprised the team from Blue, and VX-5 was represented by Ron Meeks, Jimmy Flick, Scott Jones and Willie Hudson.

NWC will be represented by Larry Nolan and Joe Pozzi in the Southern Regionals at San Diego in August.

The NWC Gold team finished the 1983-84 season with a one point cumulative total over Blue. The August Commander's Cup sport is golf. For more information contact the appropriate Commander's Cup sports coordinator.



FIRST BALL — LCdr. Mike Kelly opens the Little League All Star tournament last Saturday evening with a high toss as players from the four teams in the

tourney watch. Involved in the tourney are All Star players from China Lake, Ridgecrest, Kern River Valley and Searles Valley. — Photo by PH2 Rick Moore

Little League All Star tourney on

This year's Area I All Star Little League tournament began last Saturday, with Ridgecrest All Stars defeating the Kern River Valley squad 3-0. Ridgecrest pitcher Matt Pohl dominated the scene, striking out 10 KRV players and allowing only three hits. KRV's pitcher Mike Voller, whose regular season pitching won many games, struck out eight, allowing seven hits. Two of these hits came from Ridgecrest catcher Pat Gilbreath, whose solo home run and RBI single accounted for two of the three Ridgecrest runs.

In game two, a contest between China Lake and Searles Valley teams, there was no doubt after the second inning that the China Lake team was in control. Winning pitcher Paul Ashton yielded an infield

single by SV's Larry Luke to end a no-hitter. Short-stop Lance Moore lead China Lake batting action, going 4 for 5, including a home run. Shawn Hamilton displayed his batting talent, going 5 for 6 in the contest, while Sean Gustavson went 3 for 3.

Searles Valley Oscar Rodriguez and Joey Pittmann provided Searles Valley pitching.

In game three, Searles Valley became the first casualty of the double elimination series. The SV team had several chances as 13 runners were left on base. Pitcher Matt Bundy had a tough night, walking 16 batters.

KRV was lead by Mike Voller, Jason Rankin and Ryan Jordan. The Kern River Valley team turned eight hits into 16 runs.

Searles Valley's only hit came once again in the sixth, when Danny Pullman doubled.

The game ended when Oscar Rodriguez was thrown out at the plate.

Monday night's game between the China Lake and Ridgecrest All Stars lived up to previous games for being close and well-played. Pitching and defense were dominant.

Lance Moore and Brian Mather of China Lake combined their efforts into a 5-hitter, striking out 10.

Ridgecrest's Sergio Hernandez displayed a well-controlled fast ball that allowed only four hits, walking only one China Laker. Hernandez' outstanding performance was credited with being a prime factor in the final score of Ridgecrest 4, China Lake 0.

The contest continued into the week, with the final games played after Rocketeer deadline.



The Skipper Sez...

QUESTION

Civilian Employee — Why does Public Works no longer change tires on Government vehicles? I recently needed a vehicle to get to a meeting in the ARL area — too far to walk and I was without a car to get there; my experience with the taxi service precludes my ever calling them to get back and forth from the ranges or the field. I went to check out one of the vehicles assigned to the Department (one of the little white trucks) and was informed that if I wanted to use it I would have to change a tire gone flat. No, Transportation does not change tires. The Department staff had called twice and had been twice informed that we would have to do it ourselves. They would fix the tire, but we would have to bring it in to them and come and pick it up. I changed the tire. I'm not opposed to doing so on principle; rather, I fail to see how it can be cost-effective for me to be changing tires. I'm a DA-3, and vehicle maintenance is not what I'm paid to do. Also, I rather resent having to meet people with my hands and shirt blackened and having to call and say that I will be delayed after telling someone, "I'm on my way." If self-maintenance is the new policy, I wish we'd been informed; I'd have arranged for coveralls and gloves to be kept with the truck. Okay, if there is no one to do such work in these days of support austerity, I guess we just do it; however, I don't think that this is a productive use of resources — neither, for that matter, is waiting and waiting for a taxi. Thank you for your attention, sir.

ANSWER

It is a long-standing policy that tire changes are an operator responsibility on vehicles equipped with a spare tire and a jack. This is cost-effective since it allows the employees to get back to work as soon as possible and doesn't require dispatching a wrecker and a mechanic. The taxi serves most of the Base from Salt Wells to SNORT. Calls for taxi service are on the average responded to within 10 minutes of request. If you have difficulty with the taxi, please call the Quality Assurance Division of Public Works at NWC ext. 3828 or 3297. We will do everything possible to correct the situation.

QUESTION

Yes, sir, I was wondering when the colors return at night, why isn't the flag at the front gate retired also? Thank you.

ANSWER

When the flag pole at the main gate was erected, it was designed as a ship's mast for flying underway colors. Since underway colors are flown 24 hours a day on Navy ships, we go along with the tradition. Lights illuminate the flag at night, which is required by Naval regulations, whenever a flag is to be flown after sunset.

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.

All 1985 summer jobs now filled; anxious parents delay process

All of the 150 jobs available for summer hires have been filled according to Beth Perrine, Deputy Equal Employment Opportunity Officer for the Center.

She adds that the task was exceptionally difficult this year because more than 700 applications were received. This resulted in a classic "good news—bad news" situation, she notes, because while the Center had the opportunity to select candidates with highest qualifications, it also means that more than 550 applicants did not get the jobs they sought.

Personnel regulations require that applications with highest qualifications must be hired first. The stricture on highest qualification is especially firm with regard to hiring sons and daughters of the Center's civilian and military personnel.

In most federal agencies, sons and daughters of employees of that agency cannot be hired for summer work because of nepotism laws.

In recent years, the Center has been able to obtain a waiver of the ruling that sons and daughters of NWC military and civilian personnel couldn't be hired because of the relatively small applicant pool in this remote location. The waiver states that sons and daughters of NWC employees can be appointed only if no other eligible applicants with the same or higher scores are available. The waiver can be withdrawn if the nepotism restrictions and merit competition requirements are not met.

The large number of parents who have been calling the summer employment coordinator, their Personnel Management Advisors, or even their department heads to find out the status of or to gain preferen-

tial consideration for their sons and daughters have caused serious delays for the program and can potentially weaken our case for future waivers.

It should be noted that while the intent of the Summer Program is primarily for the youth (students), anyone can apply.

In a future issue of the Rocketeer Summer Program statistics and an explanation of the selection process will be published.

Lest we forget. . .

July 19 is the date set aside to honor those Americans who are either missing in action or may still be prisoners of war, primarily for the war in Southeast Asia.

As President Ronald Reagan pointed out in his address at the interment of the Vietnam Unknown, "... One way to honor those who served or may still be serving in Vietnam is to ... rededicate ourselves to securing the answers for the families of those missing in action. . .

"Vietnam is not over for them. They cannot rest until they know the fate of those they loved and watched march off to serve their country. . . An end to America's involvement in Vietnam cannot come before we've achieved the fullest possible accounting of those missing in action."

Of the 826 American service personnel known to have been captured and interned during the Vietnam war, 101 died while they were prisoners of war. The other 725 were returned to U.S. control eventually. However, another 2,477 Americans are still missing and unaccounted for. Of these 2,435 are military and 42 are civilians.

Missing and unaccounted for in America's other recent wars include in World War I, 3,350; World War II, 78,751; and Korea, 8,177.

The war in Vietnam was by far America's longest, with official dates of involvement being from Aug. 4 1964 through Jan. 27, 1973. For the families of those still missing or possible POWs, this long period of time is not yet over.



LONG SERVICE — Marvin Backman, who has just received a 40-year federal service award from Capt. K. A. Dickerson, is joined by his wife, Jeanne, in chatting with the Skipper after the presentation.

Research physicist completes four decades of federal service

A 40-year Federal length-of-service award was presented on Tuesday to Marvin E. Backman, a research physicist in the Research Department.

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

Backman began his 40 years of federal service by enlisting in the Army in January 1943; he was honorably discharged in February 1946, following which he returned

to school at the University of California. He received a bachelor's degree in physics from UCLA.

In June 1948 he was hired as a physicist in the Development Department at what was then the Naval Ordnance Test Station and is now NWC. In September 1951 he went to work for the Research Department, and in 1955 he moved to Propellants and Explosives Department, which later became the Rocket Development Department.

Backman was promoted to Research Physicist in May 1962 when he moved to the Research Department, where he has remained for the last 23 years.

He has received numerous awards and letters of appreciation, including a Superior Achievement award for a book he wrote entitled "Terminal Ballistics." Backman has also received three invention awards.

Quake in 1983 only M4.8, according to CalTech scientists

Seismologists from the California Institute of Technology at Pasadena had surprising news for local geologists last week. The earthquake that rattled through the Indian Wells Valley on Oct. 1, 1982, causing minor damage in local markets and major damage to the nervous systems of those who had not previously experienced quakes was actually a 4.8 magnitude on the Richter scale rather than the M5.2 previously reported.

Since each whole number step of magnitude on the scale represents an increase of 10 times in the measured wave amplitude of an earthquake and 31 times in the amount of energy release by the quake, had that shaker actually been the M5.2 it was previously reported to be, the energy released would have been 4 times as great.

The local area is still under a warning from the United States Geological Survey that there is still significant likelihood of an earthquake with a magnitude of 6 on the Richter scale occurring.



Looking For Equipment?

Call the Equipment Locator Service (Code 02A22) at ext. 2101. We're here to satisfy your equipment needs!

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

Potential bidders can inspect items before government auction

The Defense Reutilization and Marketing Office at China Lake, announced that a public Local Auction 41-5512 will be held on Thursday, August 1. The sale will start at 9 a.m. in Bldg. 1073, Warehouse 41. The public is encouraged to bid.

Among the 175 items to be offered will be ice machines, work benches, typewriters, tire machine evaporative coolers, 55-gallon drums, scrap lead, road sealer, swimming pool descaler (3 percent hydrochloric acid), sodium nitrate, red and yellow iron oxide, cellulose acetate, pick-up trucks, torque wrenches, micrometers, filing cabinets and wood pallets.

The items will be on display for inspection beginning July 24 from 7:30 a.m. to 2:30 p.m. daily except weekends. A complete list of items as well as sale terms may be seen at Bldg. 1073, Warehouse 41.

Registration will begin at 8 a.m. on the day of the sale. Bidder must be present and registered to bid; mailed bids cannot be accepted. Items purchased may be removed on the sale date provided full payment is made. Payment must be in cash or guaranteed instruments (Cashiers check, certificate check, travelers check, etc.) Purchasers will have until August 8 to pay for and remove items before storage charges are applied.

Because the Defense Reutilization and Marketing Office is located within the Naval Weapons Center's interior security fence line, prospective bidders must stop at the main gate and obtain a pass before coming aboard.

For further details contact Greg Berry at Bldg. 1073, telephone NWC ext. 2502/2538.

USE EXERCISE TO REDUCE TENSION

Exercises, such as neck movements, are a good way to reduce tension. Move hand forward, back and to each side, returning head to upright position after each movement. Avoid rotating head in complete circles since this can damage the upper spine.



China Lake Police Reports

Police followed up on a report of willful cruelty to a child, a little girl nearly 2 years old, and discovered that her right forearm had been burned. The child was checked by medical personnel before being taken to the Jamison Child Care Center in Bakersfield.

A vehicle whose driver failed to properly set the brake rolled backwards down a hill and struck a dirt mound, resulting in minor damage.

Vehicles parked in the BEQ area suffered last week. In one instance, unknown persons removed the gas cap from the victim's vehicle. In another case, unknown persons broke the plastic bumper on a vehicle. A bike in a rack at the BEQ had its tires slashed.

On Sunday five juveniles broke onto the IWV Pony League concession stand and removed candy. Value of the damage and the candy removed is \$45.

Unknown persons forcibly entered the Public Works Department vehicle turn-in building and did \$150 damage to a victim's tool box.

The rider of a motorcycle discovered that it doesn't pay not to tell the truth to police. When stopped on Dobb Road in a traffic stop, the driver furnished a false identity to avoid arrest on an outstanding warrant. The driver was released from the



KEEPING TAB — One of the bighorn sheep that was outfitted with a radio collar bounds off to the rocky slopes as the Center's aerial observers fly by. Each of

the radio collars emits its own frequency so individual animals can be tracked.

Transplanted bighorn sheep thriving; herd size grows as more lambs born

The Honor Plaque of the Desert Bighorn Council was presented recently to NWC and to Dr. Tom McGill for the Center's outstanding efforts to help re-establish big sheep in their traditional range on lands under the Navy's stewardship.

In December 1983, eight rams and 17 ewes were captured in the Old Dad and Marble Mountains (near Baker, Calif.) and were flown by the Center's Search and Rescue helicopter crews to the Eagle Craggs on the

Center's Mojave B South test range to be released. The bighorns (*Ovis canadensis nelsoni*) were captured by Department of Fish and Game personnel, other wildlife agencies, members of the Environmental Branch of the Public Works Department, and numerous volunteers.

Removal of burros from Navy lands made possible the re-introduction of sheep to their traditional range. The Eagle Craggs area was chosen because a 1970 survey indicated that 10 to 15 bighorns still lived in that area. A 1980 survey showed no bighorns left on the Center, probably because of the destruction of water resources and forage by the burgeoning burro population.

Seventeen of the bighorns had radio collars put around their necks before they were released so that they could be tracked; each has its own unique radio frequency so that specific animals could be tracked. Of these 17, nine are heard from regularly, and another one on an irregular basis. (Tom Campbell, the Environmental Protection Specialist who checks on them says he believes this particular sheep likes to hide in caves). Five of the sheep with radio collars have tracked to Death Valley and seem to have settled there. Two collars apparently didn't work. Those sheep have not been heard from. Two of the collared sheep died: one was trapped on a rock ledge by coyotes and apparently became too weak from lack of water to fight off the predators. The other died during lambing in the Panamint Mountains.

That successful lambing has occurred is the best indication that the bighorns have settled into their habitat on board. At least one yearling survived from the first year's crop of babies, and Campbell believes that possibly another 10 were born this year.

"It's hard to spot the babies when we do our monthly fly-overs," he says, "because

they tend to hide under their mothers." The bighorns generally produce one lamb a year following a gestation period of six months. Lambs are born some time between January and March.

Campbell says that he tries not to use a helicopter for his monthly aerial survey of the sheep during lambing season because the animals seem to remember their capture and trip to the Eagle Craggs in a helicopter and panic when they hear the sound of the helo rotor. "They don't appear to mind the sound of the Center's Cessna engine at all," Campbell adds, saying that from time to time the sheep have stood on high ground and watched the aircraft fly back and forth with the interest of a spectator at a tennis match.

Equally, the aircraft using the Mojave B South range (and aircraft from Ft. Irwin or George Air Force Base using adjoining ranges) don't seem to bother the bighorns. Dick Weaver from the Department of Fish and Game, a man known among biologists as "Mr. Bighorn," checked the range carefully when he took part in both a 1970 and 1980 survey and decided that the aircraft would be far enough away so that the sheep would not find them disturbing.

Between 20 and 25 sheep now reside in the Eagle Craggs area in addition to those that trudged the many miles to Death Valley. The habitat, with its permanent water sources and good forage, has proven so favorable to the sure-footed bighorns that they could possibly become numerous enough to serve as a source for transplantation of desert bighorns to other areas. Currently no plans exist for transplanting more sheep to the area.

Campbell and Dr. McGill both comment with pride on the Navy's commitment to do what can be done for wildlife when such a commitment does not adversely affect the Center's mission.

Star Wars topic of dinner talk

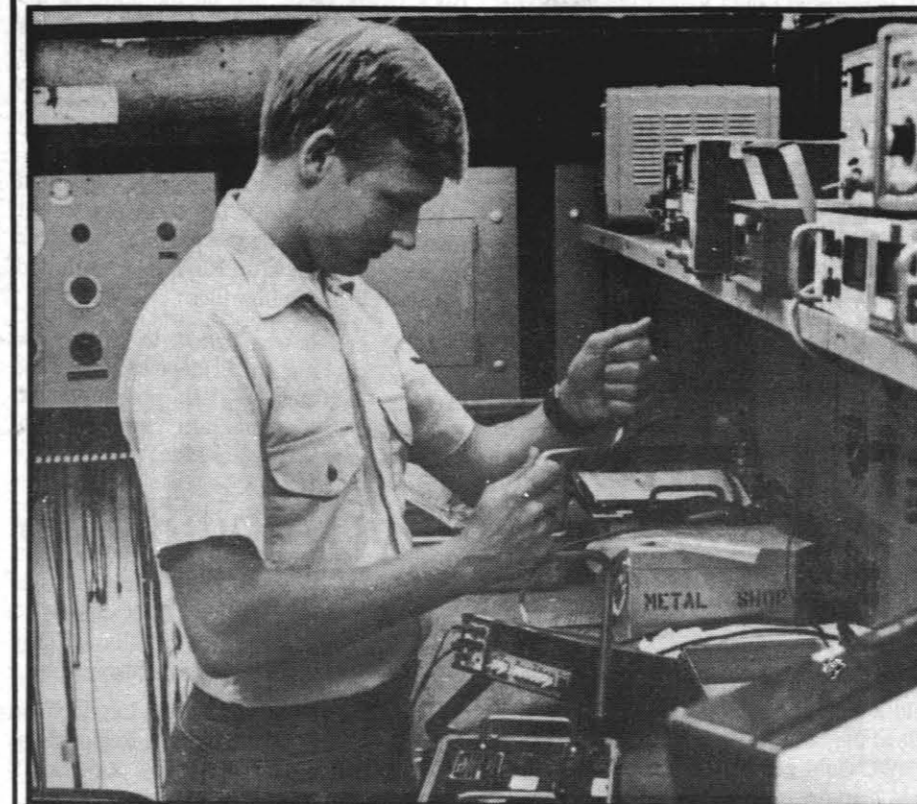
In honor of U.S. Space Observance Week, The High Desert Engineering Association will hold an open dinner meeting tonight at the Enlisted Mess.

Honored guest speaker for the event is Dr. Robert M. Nelson, a Senior Scientist at the Jet Propulsion Laboratory in Pasadena.

Dr. Nelson will discuss "Star Wars: Fantasy or Reality."

The dinner, consisting of a three meat buffet (beef, turkey and broiled cod), will be served at 7 p.m., following a social hour beginning at 6 o'clock. Tickets, at \$12 per person, are available at the door.

AIMD personnel maintain China Lake aircraft



CALIBRATION — AT3 Phillip Jackson works on a black box from the Precision Measuring Equipment (PME) Shop of Aircraft Intermediate Maintenance Department.



SCHEDULE DISCUSSION — CWO Cliff Cook, AIMD head, talks over a work schedule and Allan Koreman, foreman of the branch and ranking civilian. (See story on Page 1).



Military News

DOD concerned about issues of religious freedom of personnel

DOD has an "enviable record" of accommodating religious freedom and will make only limited changes to current rules governing service members' dress and appearance, medical care, rituals, diet and legal rights.

These are the findings of a six-month study conducted at the direction of Congress to examine the religious rights of service members in light of the military's unique requirements for military discipline. The study was forwarded to the Congress in late May by Deputy Secretary of Defense William H. Taft IV.

The study's recommendations, already being written into existing service regulations, provide for:

- wear of religious items with the uniform in living areas if it does not "adversely affect unit cohesion;"

- consideration of a service member's religious practices when granting requests for separate rations;

- review of statutes and regulations to eliminate references to the Sabbath as only Sunday;

- use of administrative action whenever possible to resolve conflicts between religious and military requirements;

- development of a DOD policy about religious practices in the military, to be provided to potential recruits before they join the military; and,

- evaluation of the need for special combat rations to meet the dietary requirements of some religions.

The report upheld many current DOD practices, including:

- permission for service members to provide their own supplemental food rations for religious reasons in a field or sea environment;

- allowances for immunization waivers for religious reasons, and,

- allowances for chaplains to wear religious articles with their uniforms during worship services or other religious work.

Most exceptions to the standard practice can be revoked by "military necessity." The report pointed out that military readiness must be the final determinant of when personal religious rights can be honored.

"The examples of sensitivity to religion are woven into the social fabric of American military life," the study concluded.

"Today a detailed and inclusive command religious program is a vital element in all military units. This program recognizes the importance of religious, spiritual and moral values to service members."

AK1 Giles receives Achievement Medal for previous duty

AK1 Paul E. Giles recently received a Navy Achievement Medal for outstanding work at his previous duty station with Helicopter Mine Countermeasures Squadron 14.

The presentation of the medal and certificate was made by Capt. J. W. Patterson, Head, Aircraft Department and Commanding Officer of Enlisted Personnel at the Naval Weapons Center during a recent military quarters ceremony.

Petty Officer Giles was honored for his performance as Maintenance Department Leading Aviation Storekeeper during 1984 while deployed to the Gulf of Suez and Mediterranean theaters.

The citation reads in part, "through dedicated efforts and personal attention, Petty Officer Giles skillfully managed RH-53D parts pickup during a two-month high tempo flight operation period. As a key man in the Maintenance/Material Control Division, he minimized aircraft down time by expediting delivery of high priority parts."

Petty Officer Giles is now assigned to NWC's Aircraft Department as an aviation storekeeper.

Centralized pay system to eliminate mailing checks

The Navy has started a centralized payment system that eliminates PSD having to mail pay checks to service members' banks.

Phased implementation of direct deposit/electronic fund transfer program (DDS) began in June and is scheduled to be in place, navywide, before the end of 1985.

DDS has several advantages over the present pay deposited quicker (PDQ). By using the federal reserve bank's telecommunication network to distribute payment information to a person's bank account, the Navy Finance Center can guarantee funds will be available to the member on payday. People will receive a statement each payday showing the amount deposited in their bank account. Should any problems occur, the member can draw pay from the local disbursing officer.

As opposed to the once-monthly pay computation now forecast on the leave

and earning statements (LES), member's pay will be computed bi-monthly. In addition, payments will be the full amount, including cents.

Unlike PDQ, enrollment in DDS will continue after a person transfers duty stations, unless disenrollment is requested.

Local disbursing officers will continue to make special payments, such as advance pay, lump sum payment, authorized overrides and commanding officer approval special payments to hardships.

People enrolled in PDQ will convert automatically to DDS. DDS will not be implemented aboard ship and overseas until after the system is proven ashore in CONUS; however, those who transfer to sea may continue on DDS if desired.

DDS is a voluntary program and members electing not to join will continue to receive their pay checks the same way they do now.



ACHIEVEMENT MEDAL — AK1 Paul E. Giles receives his Navy Achievement Medal from Capt. J. W. Patterson, head, Aircraft Department, during a recent military quarters ceremony.

Center offers guidance program to JPs

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

Some questions that may be answered during this session include:

- Do you have essentially technical or managerial (or both) capabilities at this time. What are your prospects for future development?
- How can you utilize your creativity? Are you best suited for research or hardware?
- In which of the five basic job types at NWC do you seem to fit best?

- (1) analysis
- (2) development engineering
- (3) applied research
- (4) design engineering
- (5) management

d. With what size group would you work best?

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

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

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



personnel development opportunity

CLERICAL SKILLS FORUM

Wednesday, 7 August, 0800-1630 and Thursday, 8 August, 0800-1530.

The following sessions will be held at Cerro Coso Community College, Room 229, by various personnel from NWC. This course provides clerical personnel with basic information about NWC.

AGENDA

Wednesday, 7 Aug
 Training Opportunities
 Break
 Supply
 Processing Personnel Actions
 Lunch
 Prepare With Care
 Payroll
 Break
 Security

Thursday, 8 Aug

Your Professional Image
 Break
 Overview of EEO
 Lunch
 Naval Messages
 Break
 PSD/SATO

GEOMETRIC DIMENSIONING & TOLERANCING (GD&T)

26 August-5 September and 30 September-9 October, 0800-1600, location to be determined. By: George Pruitt, Technical Documentation Consultants.

Intended Audience: Personnel whose work requires them to either communicate, interpret, or manufacture products through the use of engineering drawings.

Scope: You will learn how to specify GD&T on design drawings to achieve a commonality of interpretation among engineering, production, and inspection personnel; and learn how manufacturing costs can be reduced through the close coordination of all functions from design through production. All elements of the American National Standard Institute Standards ANSI Y14.5-1973 and ANSI Y 14.5M-1982 will be thoroughly explained.

Most of the course material will be presented in lecture form supplemented with vignettes. Common errors encountered with GD&T application will be illustrated with actual drawings. Photographs of inspection and manufacturing processes will be shown to help students understand how the drawing will be interpreted by production. Actual hardware, tooling, and functional gages will be presented to give students a hands-on understanding.

Note: One-half of the student spaces for each class will be allocated for NWC-sponsored contractors or contractors from other government agencies. Contractors will be charged a tuition fee of \$400 and should contact Jeanne Craddock (619-939-2359) as soon as possible to enroll.

Deadline: First session: 9 August.
 Second session: 13 September.

To enroll in these courses submit Training Request Form (NAVWPNCEN 12410/73) via department channels to Code 094.

Partial listing of fall classes

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

COMPUTER SCIENCE

CSCI 372: Operating System Theory (3 units).

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

Prerequisite: CSCI 272 or consent of instructor.

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

BACHELOR'S DEGREE

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

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

ENGR. 24: Statics and Strength of Materials

MATH 6A: Analytic Geometry and Calculus I

MATH 6C: Calculus III

Phys 1B: Electricity and Magnetism

Chem 1A: General Inorganic Chemistry

CS 23: FORTRAN Programming

Graduation luncheon scheduled

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

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.

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

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

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

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).

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

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

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

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



Personnel News & Notes

No. 22

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 Knowledge/Skills/ Abilities (KSAs) cited in the ad. Write the position title/series/level and announcement number of the SF-171 and all attachments. Be sure that your forms are complete and accurate since you cannot be rated on missing data nor will you be contacted for additional information. Be certain the SF-171 and supplement are dated and have original signatures in ink.

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

No. 08-031, Budget Assistant, GS-561-5/6, Code 087 — Incumbent administers the customer order, expense account and allocation process for the Center. Fund source data and document identifications are entered into the Funds Control System (FCS) and verified for accuracy and adequacy of information. Discrepancies in data are checked and resolved. **Job Elements:** Ability to use remote computer terminal with on-line interactive programming; knowledge of automated billing system; customer order and job order processing procedures; NAVCOMPT and NAVWPNCEN policy concerning fund documents. Promotion potential to GS-6.

No. 08-032, Budget Analyst, DA-560-1/2, Code 087 — Incumbent gathers new financial data and performs analysis of same for inclusion in reports and exhibits for on and off Center management. Provides information relative to corporate financial status and NWC financial programs for internal use. **Job Elements:** Ability to analyze raw financial data; communicate effectively both orally and in writing; familiarity with the Center financial system; work independently with little supervision; meet deadlines under pressure. Promotion potential to DA-3.

No. 08-033, Systems Accountant, DA-510-1, Code 086 — Incumbent maintains accounting records and ledgers for services provided by the activity. Prepares analyses and interprets statement of financial condition and other accounting reports. Uses accounting information to help solve management problems through advice and collaboration. **Job Elements:** Knowledge of accounting theories, techniques, and standards; ability to organize, analyze, inter-

pret, and evaluate financial data; ability to establish and maintain effective working relationships.

No. 09-45, Computer Clerk/Assistant, GS-335-3/4/5, Code 09803 — Provides support in the data entry/transactions processing functions. Duties include coding and keying personnel transactions, error checking and correction, and data base maintenance. **Elements:** Knowledge: of UNIVAC operating systems, of System 2000 (S2K) retrieval language and updates, of full range of personnel actions, of COBOL language. Ability: to operate a computer terminal. Status eligibles may apply. Previous applicants need not reapply.

No. 14-105, Administrative Officer, DA-341-1/2/3, Code 14202 — Provides full range of administrative support functions including management studies, analysis and reporting; budget administration and overhead financial management; provides division management with recommendations/alternatives in resolving administrative issues; provides assistance in staffing, recruiting and other personnel procedures. **Job Elements:** Ability to conduct studies and analysis; ability to prepare and deliver presentations; knowledge of budgetary procedures; knowledge of personnel procedures; ability to present ideas clearly in writing. Promotion potential is DA-3. Previous applicants need not reapply. Status eligibles will be considered.

No. 14-111, Engineering Tech., DT-802-1/2/3, Code 1421 — This position serves as the Center's focal point for defining facilities requirements for a Centerwide data communications network supporting the Center's Corporate computer/data needs. The incumbent will work closely with all

other departments on Center to determine requirements and with Public Works Department to develop and recommend equipment and facilities standards for communication systems. The incumbent will be responsible for developing a plan and generating proposals minor construction efforts installation of the communication system and the power sources for it. **Job Relevant Criteria:** Knowledge of facilities planning and acquisition processes; ability to plan, manage, and coordinate a centerwide effort, ability to interact effectively with a variety of technical personnel in resolution of conflicting requirements. Ability to communicate effectively in writing. Promotion potential to the DP-3. Status eligibles may apply.

No. 14-118, Computer Specialist/Computer Systems Analyst, DS-334/3, Multiple Vacancies, Code 1413 — These positions are located in the Data Management Applications and Tools Branch, User Technologies and Applications Division, of the Information Systems Group. Incumbents will provide systems programming support to DMS-1100 and ANS (American National Standard) COBOL Center and contractor users. The incumbents will support Code 143 as required concerning OS-1100/ANS-COBOL and OS-1100/DMS-1100/TIP-1100DBA System functions. Systems programming support functions include user consultation (including data base design assistance) program troubleshooting, identifying and reporting software "bugs" to the appropriate vendor, obtaining and/or conducting user education classes, and ensuring that up-to-date documentation is available to the user through the Center Computing Facility library. **Elements:** Ability to interface with all levels of personnel, both on- and off-Center; knowledge and expertise with UNIVAC's DMS-1100 CODASYL (Conference for Data Systems Language), ANSCOBOL, and DBMS (network).

No. 24-145, Detective, GS-083-7, Code 2414 — (3 Vacancies) These positions are located in the NWC Police Division, Safety and Security Department. The primary functions of these positions are to conduct follow-up investigations into matters initially investigated by patrol officers; to initiate investigations by patrol officers; to initiate investigations into matters requiring the application of specialized investigative techniques; to conduct crime scene investigations; to collect and preserve evidence; to interrogate suspects and arrest suspects; to write reports; and to testify in court proceedings. **Job Relevant Criteria:** Knowledge: Federal, State, County and local laws; investigative techniques as they would apply to various crimes and incidents; recent court decisions affecting police conduct. Ability: Apply effective interrogation techniques; work independently and exercise judgment in pursuing an investigation; interpret and analyze information and situations; and to write complete and accurate reports.

No. 25-076, Procurement Clerk, (Typing), GS-1106-4/5, Code 25204 — This position is located in the Management and Policy Office of the Contracts Division, Supply Department. The incumbent provides clerical support by typing (utilizing Xerox 860 Word Processor), filing, compiling data, maintaining logs, and performing follow-up on action item suspense dates for a wide variety of contractual actions. Maintains instructions and FAR Clause Books, review correspondence and suspense action items, and receive visitors and telephone calls. The work involves a wide variety of guidelines including DOD and Navy instructions, Contract Division Operating Procedures, and Federal acquisition Regulations and Clause Books.

Elements: Knowledge of: correspondence regulation, grammar, spelling, and contractual terminology; knowledge and skill in operating a Xerox 860 word processor. Ability to prioritize work under heavy workload conditions. Status eligibles may apply.

No. 26-181, Support Services Specialist, GS-342-6, Code 26502 — This position is located in the Administrative Office of the Engineering Division, Public Works Department. The incumbent is responsible for providing assistance in the areas of financial management, personnel, transportation, plant property, facilities maintenance, security, safety, and supply. **Job Relevant Criteria:** Ability to gather information from written documents and to organize in clear and concise manner. Knowledge of personnel, budget, security, transportation, facilities, plant account, safety, supply and equipment management rules, regulations, and procedures. Ability to communicate effectively, both orally and in writing.

No. 26-182, Procurement Clerk (Typing), GS-1106-5, Code 268 — Processes work orders, prepares purchase orders, indefinite quantity work orders, bid proposals, contracts and similar documents. **Job Elements:** Ability to communicate well, both orally and in writing, general knowledge of procurement regulations.

No. 26-183, Supervisory Quality Assurance Specialist, DP-1910-3, Code 2673 — Performs the duties of head, Quality Control Branch; is responsible for the administration and monitoring of NWC indefinite quantity contracts; acts as Public Works Warranty Officer. Extensive interfacing with current and prospective contractors performing painting, paving, and roofing under indefinite quantity contracts. **Job Elements:** Knowledge of Public Works organization and procedures; of indefinite quantity contracts and quality assurance functions; understanding of NWC personnel policies, procedures and ability to support NWC EEO policies and goals. Ability to interpret technical specifications and analyze contractor performance against specifications; to recommend corrective action on contract discrepancies; to work well with all levels of management; to communicate effectively orally and in writing.

No. 32-182, Mail/File Clerk, GS-305-4, Code 32024 — This position is located in the Head of Staff Office, Ordnance Systems Department. The incumbent provides a variety of office services in the area of employee benefits and services, awards administration, maintains mail distribution for Code 32 personnel and other codes as well. As assistant department CCP, duties include: filing, reproduction and accountability of classified material, safeguarding of classified documents. **Job Relevant Criteria:** Knowledge of the organizational structures and functions of the Center; knowledge of mail/file and records, security, and the incentive awards program; ability to exercise diplomacy and discretion in dealing with sensitive information; ability to interface with employees at all levels, both internally and externally to the department.

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 com-

munication 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.

No. 35-069, Supervisory Interdisciplinary (Electronics Engineer/Computer Scientist, Physicist, Mathematician, Computer Specialist), DP-855/1550/1310/1520/334-3, Code 3554 — Serves as head of Digital Interface Section, Instrumentation Engineering Branch. Responsibilities include analyzing and defining the interface requirements between EWTES threat and reference radar systems and the real time digital computer system, formulating interface standards, designing and developing a micro computer based system using a combination of commercial off-the-shelf and customized hardware and software and then installing the interface on all existing and planned EWTES radars. KSAs: Knowledge of computer to computer interfacing techniques and data transmission protocol and standards; knowledge of micro computer systems hardware and systems software; ability to program; ability to technically direct and lead a multi-disciplined group of S&Es and technicians; ability to communicate orally and in writing; ability to develop interface systems. Must be willing to support EEO objectives. Promotion potential: DP-3. Previous applicants need not reapply.

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

No. 35-073, Interdisciplinary (Supervisory Electronics Engineer, DP-855-3/4, or Supervisory Physicist, DP-1310-3/4), Code 3543 — Position is head, Countermeasures Branch. Incumbent will manage and provide technical direction of advanced electronic warfare exploratory and development programs assigned to the Countermeasures Branch. Will provide supervision and guidance to approximately 12 subordinate personnel, including engineers and technicians. Responsible for support of the EEO program. Job Relevant Criteria: Knowledge of electronic warfare concepts and technology; knowledge of electronic countermeasures, counter-countermeasures and support measures; knowledge of radar theory and techniques; ability to deal effectively with others; ability to communicate clearly; support of the EEO program. Selection at the DP-3 level does not guarantee promotion to the DP-4 level. Previous applicants need not reapply.

No. 35-076, Multidisciplinary, (General/Mechanical/Electronics/Aerospace Engineer or Engineering/Electronic Technician), DP-801/830/855/861-3 or DT-DP-802/856-3, PAC No. 8535350 — This position is located in the Special Projects Office, Code 35403. Incumbent will serve as test director for the Integrated Defensive Avionics Program (IDAP). This is an acquisition program to develop electronic subsystems and operational software and integrate them together with other avionics on the A-6F aircraft. Incumbent will develop test plans and procedures with subsystems engineers, will schedule and coordinate tests at NWC and contractor's facilities. Required test direction includes electronic subsystem developmental and acceptance testing,

system integration testing in the laboratory, and system flight testing for TECHEVAL AND OPEVAL. Job Relevant Criteria: Knowledge of electrical and mechanical integration of avionics equipment into aircraft; ability to write test plans, operating procedures, and reports of test results; skill in coordination and planning meetings with project personnel including contractors.

No. 36-273, Quality Assurance Specialist, DS-1910-2/3, Code 36084 — Incumbent will provide Quality Assurance Support to the Test and Evaluation Section. Elements: Ability: to address problems and suggest solutions; to communicate orally; to communicate in writing; to work as a team member. Promotion potential to DS-3.

No. 36-275, Interdisciplinary, Supervisory, Mechanical/General/Electronics/Aerospace Engineer, DP-830/801/855/861-3/4, Code 3664 — This position is that of branch head for the Integrated Logistics Support Branch. Incumbent is responsible for the supervision, direction and management of 30 or more people. Branch prepares and implements Integration Logistics Support (ILS) plans for DOD weapon system acquisitions. Establishes logistics support criteria for system specifications, solicitation packages and contracts. Budgets and manages funds required to execute logistics functions. Elements: Knowledge: of Center organization requirements and operations; of all elements of ILS; of DOD Weapons Acquisition process; of and willingness to support NWC AAP and EEO policies and goals. Ability: to supervise and manage diverse technical working groups; to communicate in writing; to prepare and make verbal presentations and briefings to establish liaison with all levels of Commands/Offices. Frequent travel may be required. Promotion potential to DP-4. Status eligibles may apply.

No. 36-276, Engineering/Electronics Technician, DP-802/856-3/4, Code 3664 — This position is that of branch head for the Integrated Logistics Support Branch. Incumbent is responsible for the supervision, direction and management of 30 or more people. Branch prepares and implements Integrated Logistics Support (ILS) plans for DOD weapon system acquisitions. Establishes logistics support criteria for system specifications, solicitation packages and contracts. Budgets and manages funds required to execute logistics functions. Elements: Knowledge: of Center organization requirements and operations; of all elements of ILS; of DOD Weapons Acquisition process; of and willingness to support NWC AAP and EEO policies and goals. Ability to supervise and manage diverse technical working groups; to communicate in writing; to prepare and make verbal presentations and briefings to establish liaison with all levels of Commands/Offices. Frequent travel may be required. Promotion potential to DP-4. Status eligibles may apply.

No. 36-277, Logistics/Equipment Specialist, DP-346/1670-3/4, Code 3664 — This position is that of branch head for the Integrated Logistics Support Branch. Incumbent is responsible for the supervision, direction and management of 30 or more people. Branch prepares and implements Integrated Logistics Support (ILS) plans for DOD weapon system acquisitions. Establishes logistics support criteria for system specifications, solicitation packages and contracts. Budgets and manages funds required to execute logistics functions. Elements: Knowledge: of Center organization requirements and operations; of all elements of ILS; of DOD Weapons Acquisition process; of and willingness to support NWC AAP and EEO policies and goals. Ability: to supervise and manage diverse technical working groups; to communicate in writing; to prepare and make verbal presentations and briefings to establish liaison with all levels of Commands/Offices. Frequent travel may be required. Promotion potential to DP-4. Status eligibles may apply.

No. D-38-010, Writer/Editor, (Printed Media), DA-1082-1, Code 3810 — This posi-

tion is located in the Physics Division, Research Department. The incumbent writes and/or edits technical and administrative reports and articles; coordinates phases of the publication process, and gathers and organizes technical information. KSAs: Ability to interface effectively with research scientists, administrative personnel, and publishers. Ability to gather, organize, and analyze technical information. Skill in editing. Promotion potential to DA-2.

No. D-39-051, Computer Specialist, DS-334-1/2/3, Code 3922 — This position is located in the Missile Software Branch, Weapons Development Division of the Weapons Department. The Missile Software Branch is responsible for supporting Department programs in the design, development, acquisition and management of software and software documentation for missiles and other weapons using embedded computers. The incumbent will provide software management support in the areas of software data management (DM), configuration management (CM) and quality assurance (QA) for various projects within the Department. The incumbent will be responsible for planning, executing and reporting all efforts related to software DM, CM and QA. The incumbent will prepare or direct the preparation of software plans, specifications, statements of work and other documentation necessary for the development and/or acquisition of software for Department programs. Incumbent will participate in reviews and audits of in-house and/or contractor developed software. Job Relevant Criteria: Knowledge and experience with one of the following: Software management, acquisition and development processes; software engineering practices and principles including software documentation, CM and QA; or knowledge of DOD, Navy and Center standards, instructions and directives related to software. Ability to prepare and/or analyze plans, specifications and directives and apply them to specific development projects. Promotion potential to DP-3, not guaranteed.

No. 39-065, Administrative Assistant, DA-341-1, Code 3907 — This position is located in the Cruise Missile Program Office. The incumbent's primary function will be to provide financial and administrative assistant to the program office, support codes and the Cruise Missile Business Manager. Assignments will include budget preparations, reporting and analysis, job order review, cost reviews; preparing

manpower charts/plans and providing answers to financially - oriented problems. Additionally, the incumbent will assist with major contracts preparation including preparing Competition in Contracting Act (CICA) exceptions, urgency justifications, ADPE requests and Acquisition Request Packages (ARPs) for delivery order type contracts. Incumbent will assemble and expedite documentation. KSA: Knowledge of NIF accounting system, NWC Supply system, NWC Instructions and NWC organizational structure. Abilities: to communicate effectively, both orally and in writing and to deal effectively with both technical and support personnel at all levels. Promotion potential to DA-2.

No. DPDR-262, Property Disposal Clerk (Typing), GS-1107-05, Defense Property Disposal Office-Barstow, OSB China Lake, Naval Weapons Center — Serves as Property Disposal Clerk (Typing) with responsibility for providing technical assistance to Utilization and Sales Specialists. Processes application for transfer of excess/surplus personal property and assures timely movement of property to federal/donee customers. Analyzes problems occurring in the transfer/donation program and recommends solutions to higher authority. Job Elements: Duties require a thorough knowledge of the Property Disposal process and keeping current on changes in regulations that effect the utilization and donation of excess/surplus property. This involves keeping familiar with various programs such as DIPEX, exchange sale, or other items which require special processing. Performs related clerical duties such as typing and compiling data from IDMS printouts for reports. Position requires the services of a qualified typist. Candidates must show one year general experience and two years specialized experience and must be a fully qualified typist. Applicants must submit a complete SF-171 "Personal Qualifications Statement," listing this announcement number. A current "Performance Appraisal" must be submitted with application. Each applicant is requested to complete a "Voluntary Background Survey Questionnaire," OPM Form 1386. Applications should be submitted to the Office of Civilian Personnel, P.O. Box 22, Defense Depot Ogden, Ogden, UT 84407. Forms may be obtained by calling (801) 399-7008 in the Office of Civilian Personnel. Status eligibles can apply. For further information contact: Faye Andrews, telephone (801) 399-7924 or AUTOVON 790-7924.

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. 08-029, Secretary (Typing), GS-318-3/4/5, Code 3086 — Incumbent provides secretarial support to the head, Accounting Division. Promotion potential to GS-6. Previous applicants need not reapply.

No. 35-072, Secretary (Typing), GS-318-4, Code 3541 — Incumbent provides secretarial support to the Head, Radar

Development Branch. Xerox 860 experienced desired. Promotion potential to GS-5. Previous applicants need not apply.

No. 64-112, Secretary (Typing), GS-318-5, Code 6424 — This position is located in the Telemetry Systems Branch and provides clerical support to that office.

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 UVEPROM work on the memory Loader Verifier for the AV-8B including software integration programs that permit loading of the UVEPROMS. 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, NWC ext. 5575.

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, NWC ext. 5575.

No. 35-065R, Interdisciplinary (Physicist/Engineer/Computer Scientist), DP-1310/801/1550-3, Code 3521 — The position is a Software Development Manager for the Advanced Seeker Program for the Highspeed Anti-Radiation Missile (HARM). The incumbent will manage a team of software engineers and computer scientists. To apply for this position forward up updated SF-171 to John Hooper, Code 3521, NWC ext. 2498.

No. 35-066R, Interdisciplinary (Electronics/Aeronautical/Mechanical/General Engineer, Physicist), DP-855/861/830/801/1310-2/3, Code 35063 — Provides data analysis and assessment for HARM ground and flight test development. Reviews, evaluates, and analyzes all components of the HARM weapon system including missile, avionics, and associated aircraft and electronic warfare subsystems.

Specific on-going programs include integration on new aircraft platforms and integration with new Electronic Warfare equipment as well as block changes to the HARM missile and avionics. Uses knowledge of aircraft, avionics and missile systems, anti-radiation missiles, and tactical embedded computer systems in carrying out responsibilities. To apply for this position forward an updated SF-171 to Dave Janiec, Code 3506B, NWC ext. 2951.

No. 35-067R, Interdisciplinary (General/Aerospace/Electronics Engineer, Physicist), DP-801/861/855/1310-2/3, Code 35062 — Supports technical management of AGM-88A High Speed Anti-Radiation Missile (HARM) Testing and Evaluation. Schedules and details planning of HARM flight testing to meet TEMP and DCP requirements. Knowledgeable of HARM weapon systems operation/performance on several aircraft. Supports Navy, Air Force, and contractors in planning and conducting of HARM Development and Operational

testing. Provides test ranges with overall test requirements, test plans, target scenarios and monitoring to assure that test will meet firing schedules. Uses knowledge of DOD systems acquisition process and manufacturing and production in interfacing with contractors and program sponsor as well as various diverse organizations, both on- and off-center. Uses knowledge of test and evaluation of guided missiles and of aircraft systems and instrumentation. To apply for this position, forward an updated SF-171 to Dave Janiec, Code 3506B, NWC ext. 2951.

No. 35-075R, Interdisciplinary (General/Electronics/Aerospace Engineer, Physicist), DP-801/855/861/1310-2/3 — This position is located in the Special Projects Office, Code 35403. The incumbent will conduct engineering design studies and provide technical alternatives for integration of electronic warfare avionics aboard current and future tactical aircraft. In addition to conventional jammers and radar warning systems, the incumbent will investigate missile approach sensors, advanced electro-optical and laser sensors and expendable decoys. A system engineering scope of interest is desired, including subsystem interactions, resolution of conflicts between sensor reports, display and aircrew workload, and intercommunication between subsystems and mission computer. Promotion potential to DP-3. Send copy of current SF-171 to Doug Sticht, Code 35403.

No. 36-269, Electronics Engineer, DP-855-3, Code 3662 — Incumbent will provide design and engineering support to the Vertical Launch ASROC program. This position will require effective oral and written communication with other NWC branches, government facilities, and contractors; planning, scheduling, and budgeting; and a basic understanding of government documentation. A knowledge of autopilot systems is desirable. Promotion potential to DP-3. Status eligibles may apply. Submit SF-171 to Jerry Saholt, Code 3662.

No. 36-270, Interdisciplinary General/Electronics Engineer/Physicist, DP-801/855/1310-2/3, Code 36222 — Incumbent is responsible for supporting the AIM-9 PIP program design, analysis, and hardware task assigned to the branch. Familiarity with microprocessors and digital and testing techniques is desirable. Promotion potential to DP-3. Submit current SF-171 to Bill Huttmacher, Code 36222.

No. 36-171, Interdisciplinary General/Electronics/Industrial/Mechanical Engineer/Physicist, DP-2/3, Code 36221 — Responsible for supporting the current AIM-9 Guidance and Control Section in production. Evaluates Engineering Change Proposals and Deviations/Waivers. Requires circuit design and analysis abilities for subsystems and systems level problems. Promotion potential to DP-3. Submit current SF-171 to Jerry Hartman, Code 36221.

No. 36-272, Interdisciplinary Computer Scientist, DP-1550-1/2/3; Mathematician, DP-1520-1/2/3, Code 36581 — This position is located in the Software Development Section. The incumbent's primary responsibility will be to develop and program new graphics software on the 16 bit graphics computer aided engineering (CAE) systems. Other duties will include directing contractor support during development of software and software development for engineering analysis on a VAX 11/750 as well as communications interface software between the CAE system and other mainframe computers. Potential to DP-3. To apply for this position, forward a current SF-171 to Judy Thornberry, Code 36502.

No. 36-274, Interdisciplinary General, Mechanical, Aerospace, Industrial Engineer, DP-801/830/861/896-2/3, Code 3662 — Incumbent will provide production engineering and integrated logistics support for the ordnance components of the Sidewinder Missiles; assist in planning, scheduling and budgeting; maintain close liaison with other NAVWPNCEN branches, NAVAIRSYSCOM and contractors. Effective oral and written communication, knowledge of military ordnance and a basic understanding of government documentation are essential elements of this position. Promotion potential to DP-3. Status eligibles may apply. To apply for this position, forward a current SF-171 to Louise Meredith, Code 36603.

No. D-39-049, Interdisciplinary (General Engineer/Electronics Engineer/Computer Scientist), DP-801/855/1550-2/3, Code 3922 — This position is located in the Missile Software Branch, Weapons Development Division of the Weapons Department. The Missile Software Branch is responsible for supporting department programs in the design, development, acquisition and management of software and software documentation for missiles and other weapons using embedded computers. The incumbent will provide software management support in the areas of software data management (DM), configuration management (CM) and quality assurance (QA) for various projects within the Department. The incumbent will be

responsible for planning, executing and reporting all efforts related to software DM, CM, and QA. The incumbent will prepare or direct the preparation of software plans, specifications, statements of work and other documentation necessary for the development and/or acquisition of software for Department programs. Incumbent will participate in reviews and audits of in-house and/or contractor developed software. Promotion potential to DP-3, send complete SF-171 to James McGuire, Code 3922.

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

No. 39-066, Mechanical Engineer, DP-3, Code 3941 — Acts as Senior Missile Seeker Design Engineer in the Sensors and Platforms Branch. The incumbent will design state of the art seekers and seeker components for Sidewinder 9M-PIP or advanced IR and RF seekers for Outer Air Battle or Advanced ARM. Computer aided design based on SDRG Geomod linked with Computervision will be used to support the design task. To apply, submit a current SF-171 to Mike Jacobson, Code 3941.

Instructors sought

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

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

Recent additions

CODE	NAME	TITLE
083	Claussen, Barbara E.	Budget Analyst
0853	Renfro, Diana L.	Clerk-Typist
08621	Funkhouser, Maria F.	Clerk-Typist
08621	Nordseth, Joan M.	Clerk-Typist
08622	Learn, Mark D.	Clerk-Typist
08623	Dunigan, Jewell D.	Clerk-Typist
1441	Michael, Andrea M.	Clerk-Typist
252	Leszczynski, Lee J.	Clerk-Typist
2522	Bumgardner, Sharon D.	Clerk-Typist
2522	Cirotski, Jennifer L.	Clerk-Typist
2522	Cobbs, Elizabeth M.	Clerk-Typist
2522	Langham, Janice E.	Purchasing Agent
2522	Mitchell, Linda	Purchasing Agent
2522	Parsons, Beverly J.	Clerk-Typist
2522	Smith, Jacque L.	Purchasing Agent
26411	Carter, Kenneth B.	Sheet Metal Mechanic
26422	McGee, John P.	A/C Equip. Mech.
26422	Merha, Daryl E.	A/C Equip. Mech.
269	Chrisinger, Leroy D.	Hvy. Mobile Eq. Maint.
3265	Johantgen, Marjorie J.	Clerk-Typist
33304	Hansen, Karla A.	Engng. Tech.
3352	Hardt, Lee R.	Mech. Engr.
3383	Rumph, Frederick N.	Mechanical Engr.
3556	Estrada, Michael P.	Clerk
365	Wagner, Eileen M.	Clerk-Typist
3894	Backman, Marvin E.	Research Physicist
6104	Pikus, Margaret A.	Clerk-Typist
6422	Hoggard, Dennis L.	Clerk

Recent departures

CODE	NAME	TITLE
06	Boot, Robert A.	Program Manager
0822	Berry, Warren C.	Laborer
0823	Coughlan, Kerry L.	Secretary (Typing)
1433	Stewart, Wesley R.	Computer Operator
2524	Russel, Ernest E.	Contact Spec.
3411	Lawrence, David A.	Computer Clerk
3642	Dolohan, John S.	Mechanical Engr.
3656	Beed, Frances L.	Editorial Asst.
3681	Antonucci, Gerald L.	Qual. Assurance Spec.
3687	Sally, John	Engrg. Tech.
6421	Diebel, Dean L.	Physicist