

Effort now underway to gather data for ex-employee directory

Efforts are now underway to compile a directory listing the names and addresses of former Naval Weapons Center employees who have retired but continued to live in the Indian Wells Valley, or within about 100 miles of the area.

Purpose of the directory is to enable its recipients — all those who participate by sending in their names and addresses — to remain in contact with their former associates and friends who once worked at NWC.

A handful of volunteers is doing the research necessary to compile a list of ex-NWC employees, and will soon send out letters and a questionnaire to those on that list. As a starter, names and addresses have been gleaned from the local telephone book.

Those who are not contacted, but would like to be included in such a directory of employees who have retired from the Center and continue to live in the Indian Wells Valley and its environs, are asked to make this interest known by sending their names, addresses and telephone numbers to any of the following Ridgcrest residents:

W. E. Davis, 235 Apache Lane; Jean Rollingson, 131 Silver Ridge Dr.; or Don Yockey, 222 N. Peg St.

Spring sale blooms next week at NEX with green tags

The Navy Exchange will have its Spring Sale from March 14 through the 20th.

There will be green tag savings on many items throughout the store from the clothing department to household goods, electronic audio and video equipment, and in other departments.

In conjunction with the NEX's Spring Sale, the auto services department will have a car care sale from March 14 to the 17th.

Kraco auto stereo-radios can be specially ordered at the Customer Service counter.

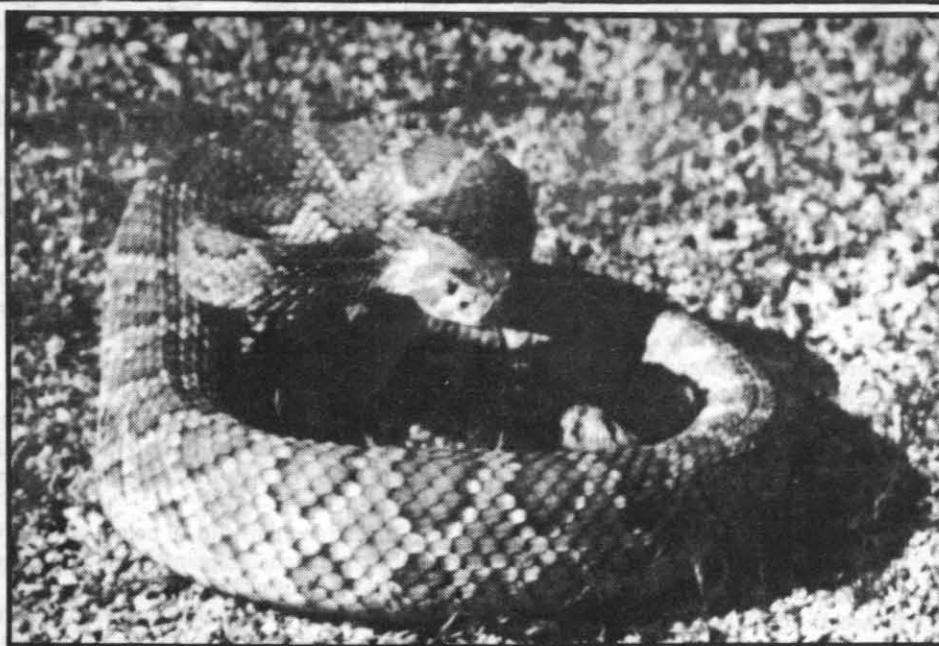
Next Thursday and Friday a glass artist billed as the "World's Greatest Glass Artist" will be on hand at the vendor concessions area. The artist will demonstrate his craft of etching stemware, music boxes, mugs and other glassware.

Women's History Week honored with March 27 dinner meeting

Women's History Week will be honored locally by a dinner on Wednesday, March 27, co-sponsored by the Eastern Sierra Careerwomen's Network and the American Association of University Women.

Guest speaker for the dinner will be Rusty Broughton, an LDI Institute Senior Facilitator specializing in training women managers and supervisors, whose talk is entitled "The Professional Woman."

Ms. Broughton speaks from experience because she manages a program for 8,000 employees of a Fortune 500 company. She holds a bachelor's degree in business and a



BEWARE! — The rattlers and sidewinders on the desert and in the mountains are not aggressive — but will defend themselves if someone seems to threaten or startles them.

Warm weather brings out snakes, desert area hikers, sightseekers

While rattlesnakes and sidewinders aren't aggressive, they will bite if startled or if they feel threatened. The best way to avoid having to make a quick trip to the emergency room for treatment of snakebites is to use care and good sense when out of doors.

For instance, a large percentage of those bitten by poisonous snakes in California discover the snake while walking barefoot on roads or sidewalks at night. If a snake is stepped on, it'll bite.

Any time that anyone is hiking on the desert or in the mountains, wearing sturdy shoes or boots is in order, and long pants, rather than shorts, are also in order to protect legs from bites.

Never reach anywhere or step anywhere without looking at the spot first, especially in woodpiles, garages or other locations where a snake can crawl. (Not reaching without looking is also a good way to avoid being bitten by a black widow spider.)

Snakes also like the shade of bushes, and are apt to either lie in the shade or else to curl up in a bush where they cannot be easily seen. When hiking, try to stay clear of bushes as much as possible.

Locally, many of the bites that have occurred in past years were almost the result of provocation of the snake — for instance,

one local resident got bitten while trying to scoop a snake up in his lunch box, and others have been bitten when they've picked the snake up.

If bitten, don't panic. Far more people in the United States die from bee stings each year than from the bite of poisonous snakes.

If the victim is within a three-hour trip of a hospital, do nothing more than to wrap the affected area in an elastic bandage (such as an Ace bandage) from below the site of the bite to above the bite by several inches. The tension of the elastic band should be about that used for supporting a sprained ankle. (This is a new emergency measure found to be very effective, says Mike Robertson, who heads the Mojave Green Project in the local area.)

The limb should then be immobilized below the heart, and the snakebite victim transported to the hospital.

If anyone can catch the snake or kill it (without destroying the head), bringing the snake along to the hospital is helpful in determining the type of treatment needed, since different types of snakebites require different medications. Venoms differ.

If the bite occurs while the victim is in the local area, someone can call members of the Mojave Green Project to capture the snake. Team members can be reached through the Ridgcrest police, 375-5044.

The members of the Mojave Green Project team are also on call to capture any other poisonous snake spotted in the Indian Wells Valley. These are then taken to Dr. Findlay Russell at Los Angeles County-USC Medical Center in Los Angeles and the venom extracted to make antivenin.

ASM/SME engineer societies plan conference in Los Angeles

WESTEC '85, the western metal and tool exposition and conference sponsored by the American Society for Metals (ASM) and the Society of Manufacturing Engineers (SME), will be held in the Los Angeles Convention Center from March 18 to 21.

Family Buffet set at COM

The Commissioned Officers' Mess has scheduled a Family Night Buffet dinner to be served from 6 to 9 p.m. tonight.

Dinner will feature spaghetti served with breaded shrimp, home fried potatoes, vegetable, tossed green salad, hot roll and butter, with chocolate pudding for dessert. Coffee, tea, or soft drinks will also be served.

The buffet dinner is \$5 for adult members and \$3.50 for children of members. Non-members will be charged \$6 for adults and \$4 for children.

Reservations may be arranged by phoning 446-2549.

MOVIES

(G) ALL AGES ADMITTED
General Audiences
(PG) ALL AGES ADMITTED
Parental Guidance Suggested
& RESTRICTED
Under 11 requires accompanying
Parent or Adult Guardian

Regular starting time 7 p.m.

<p>FRIDAY</p> <p>"THE POPE OF GREENWICH VILLAGE" Starring Eric Roberts and Mickey Rourke (Drama, rated R, 121 min.)</p> <p>SATURDAY</p> <p>"PETE'S DRAGON" (Animated, rated G, 103 min.)</p> <p>SUNDAY</p> <p>"OFF YOUR ROCKER" Starring Milton Berle and Red Buttons (Comedy, rated PG, 100 min.)</p> <p>MONDAY</p> <p>"THE BEAR" Starring Gary Busey and Cynthia Leake (Biography, rated PG, 112 min.)</p> <p>WEDNESDAY</p> <p>"THE ACT" Starring Robert Ginty and Sara Langenfeld (Drama, rated R, 93 min.)</p> <p>FRIDAY</p> <p>"TEACHERS" Starring Nick Nolte and JoBeth Williams (Comedy, rated R, 113 min.)</p>	<p>MARCH 8</p> <p>MARCH 9</p> <p>MARCH 10</p> <p>MARCH 11</p> <p>MARCH 13</p> <p>MARCH 15</p>
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Membership Night set next Friday, 6-12 p.m. at COM

The Commissioned Officers' Mess will host its monthly Membership Night next Friday, March 22, with dinner and music.

The night will begin at 5 p.m. with a social hour. From 6 until 9 p.m. a dinner of steamboat round buffet will be served with sides of baked potato, onion casserole, vegetable, salad, roll and butter, and choice of coffee or tea.

Sunlite, a local band, will play popular and contemporary music from 8:30 p.m. until midnight.

Costs of the evening are \$7 for members and \$8 for non-member guests. Reservations are necessary and can be arranged no later than Wednesday, March 20, by calling 446-2549.

Self-Help Store sets new spring hours

The Self-Help store at the Housing Office will be operated by contractor personnel beginning Wednesday, March 13. New hours of operation are 11:30 to 4:30 p.m. Mondays through Fridays, and from 10 a.m. until 2 p.m. Saturdays.

NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

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Top sailors to be honored at banquet

Eight of the top sailors at China Lake will be honored tomorrow night when the Indian Wells Valley Council of the Navy League of the United States hosts the annual Sailors of the Year Awards Dinner at the NWC Enlisted Mess.

Starting with a social hour at 6:30 p.m. the evening will be highlighted by the presentation of the Bluejacket of the Year Awards to sailors from the Naval Weapons Center and Air Test and Evaluation Squadron Five (VX-5).

Personnel who earned Sailor of the Quarter Awards from NWC or VX-5 during 1984 are competing for the honors tomorrow night.

The eight sailors who qualified for the final consideration were interviewed by boards of senior enlisted personnel in the respective commands and selected on the basis of outstanding performance throughout 1984.

From the Naval Weapons Center the Sailors of the Quarter seeking the top annual honor are AMH3 Kevin Conger, AK2 James Patricola, AME2 Chriss Marcus and A03 Bruce Mahaney.

A01 John Cribb has already been selected as Bluejacket of the Year for VX-5. Competing for that honor were AMS2 Michael Toole, AZ3 Cynthia Langford and AMS2 Richard Blake.

Richard Surprenant, Navy League President; Capt. K. A. Dickerson, NWC Commander; and Capt. James E. Killian, VX-5 Executive Officer, will present the awards to the top sailors.

This is the 16th year for the Sailors of the Year Awards Dinner hosted by IWW Council of the Navy League.

Winners in the competition will represent NWC and VX-5 in Navywide competition later this year.

All the sailors competing for the top
(Continued on Page 5)



SUCCESSFUL OPERATION — Showing the paperweights signifying that they have received the Technical Director's Award are Darrell Bymoen, Fay Hoban and Douglas Savage; they are flanked by Capt.

K. A. Dickerson and Burrell Hays, respectively the Commander and Technical Director of NWC. The three men were honored for their contributions to the Vertical Launch ASROC program.

Technical and managerial skills produce TD awards for outstanding NWC employees

The technical and managerial skills demonstrated by Douglas Savage, Fay Hoban, and Darrell Bymoen on the Vertical Launch ASROC program earned them the Technical Director's award.

According to the nomination submitted by Dillard Bullard, head of the Weapons Department, NWC was tasked by the Naval Sea Systems Command during fiscal year 1982 to develop the autopilot controller, rocket motor and thrust vector control system for the VLA because NAVSEA recognized that only the Navy laboratories

could meet the critical schedule and design to cost goals of that program.

The design of the digital autopilot is a product of Bymoen's broad technical expertise and in-depth engineering knowledge. The technology developed through his engineering efforts has broad application throughout industry and the Department of Defense.

Savage and Hoban's technical and programmatic expertise and their ability to coordinate people with many diverse disciplines, plan and control schedules, and to provide technical leadership earned themselves and NWC a superior reputation unsurpassed by most government laboratories.

Their past experience and personal dedication provided the stimulus to design, test and build the autopilot/controller within critical schedule and funding constraints. The quality and reliability of the hardware and freedom from test problems culminated in two successful launches.

Burrell Hays, NWC Technical Director, presented the engraved paperweight, certificate and stipend comprising the award. Hays commented that the VLA program was an excellent example of the hands-on engineering excellence for which China Lake has become noted.

The system was designed on the CAD/CAM, tested in the hardware-in-the-loop simulator, and, therefore, everyone knew that it would work by the time that it went to the ranges for testing, in contrast to the 13 unsuccessful launches of the Sidewinder missile before one finally worked.

And VLA, said Hays, is only one of about 14 major hands-on-engineering development programs underway at NWC, in contrast to the earlier times when the whole

community rallied in support of only one system.

VLA, he noted, shows that China Lake still has the "can do" spirit that became so important a part of its culture in the past. The early technical directors and commanders formed the military/civilian team concept that still characterizes China Lake.

"We have a good feel for what the Fleet really needs because of our inhouse military personnel having operational experience and we are able to use those inputs. We have been willing to take the risk of giving the Fleet what it needs rather than just following normal design procedures. This spirit is a vital part of the China Lake culture."

Hays continued, "This place has more of a unique culture than most; the place really has character. We've been examining what that culture is so that we can assess where we've been and ensure that the culture continues." He added that it is vital that the culture not only continue but that it become as important to the nearly 1,000 scientists and engineers hired in the past couple of years as to those who have spent many years at China Lake.

All three men commented as they were presented their awards that the VLA program represented "an incredible effort by an awful lot of good people," and that they felt that their awards recognized the work of all of these.

Both Hays and Capt. K. A. Dickerson, NWC Commander, expressed regrets that the VLA program has been moved from China Lake to a contractor, but both stated that they believed that the whole team would continue to do its best to make the program a success.

"I applaud all of you," the Skipper said.

Security procedures stressed

Recent incidents of improper transit by NWC personnel, dependents, and contractors to restricted areas have prompted a reminder by the Safety and Security Department that only authorized personnel can be admitted to restricted areas.

Personnel denied access must stop and follow the instruction of the Pan American guard. Personnel disregarding these procedures will be contacted by the China Lake Police and warned, detained, or cited, as appropriate.



TRADITIONAL CEREMONY — Wielding the sword to cut the Seabee birthday cake are Capt. H. H. Harrell, Public Works Officers; EOC Carl Nyholm, Officer-in-Charge of Detachment 0217, RNMCB Seventeen; and UT2 Lu-ellen Hays, Seabee of the Year for the Detachment. (See story on page 3) — Photo by PH2 Rick Moore

Weekend Roundup

The Chief Petty Officers' Mess will be hopping to the hits of the 50's, 60's, and 70's tonight from 8:30 p.m. until 12:30 a.m.

The party is open all authorized patrons and guests who wish to dance to the sounds of Tim Nixon, local d.j.

Prior to the music a dinner special of prime rib of beef or Icelandic cod will be served from 6 to 9 p.m.

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The Enlisted Mess will be serving its seafood plate dinner special from 6 to 9 p.m. Following dinner the Silver Dollar Band, a popular country-western band, will play from 9 p.m. until 1:30 a.m. in the EM ballroom for all authorized EM patrons and their guests.



DIVINE SERVICES PROTESTANT

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

ROMAN CATHOLIC

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

Schooling related to current job can provide income tax deduction

WASHINGTON (NES)...If you attended school to learn something relevant to your current employment, your school expenses may be tax deductible, according to the Internal Revenue Service.

To qualify, the expenses must meet at least one of two guidelines: The training must be mandatory for you to continue in your job. For example, a teacher might be required to take a special course to remain in a teaching position. The training must be helpful in maintaining or improving skills which are required in your current employment.

Educational expenses that prepare you for a new trade or business may not be deducted. And if you're studying to meet minimum educational requirements for your current job, those expenses aren't deductible either.

Expenses for education include amounts spent on tuition, books, supplies, laboratory fees, and certain travel and transportation costs. Expenses other than travel and transportation are itemized deductions and should be listed on Schedule A (Form 1040) as miscellaneous deductions. Travel and transportation are deducted as adjustments to income, using Form 2106.

Additional information on education expenses can be found in the free IRS

Publication 508, Educational Expenses. To get a copy, use the mail-order form in your tax package or call IRS.

Employee in the Spotlight

Echo Range project engineer finds job interesting

"It's a very interesting job," said Louis Dill of his work as a project engineer at Echo Range.

A retired Navy Senior Chief, Dill has been at the Naval Weapons Center since 1974, the first five years as a contractor employee at Armitage Field.

Since joining Civil Service as crew chief at one of the Echo Range radars in 1979, Dill has worked for the Electronic Warfare Department. He is currently in the Test Operations Branch of the EWTS Division.

The project engineers are the range's representatives in dealing with the customers. Dill notes he seems to be constantly on the telephone or checking some facet of a planned test.

"It's a whole different way of life," Dill says of the work by the eight project engineers. "You plan and plan and brief and brief for each test," he added.

Dill, who was never stationed at China Lake during a 24-year Navy career, retired

Hebrew Congregation celebrates Feast of Lots starting tonight

The Hebrew Congregation of the All Faith Chapel will celebrate Purim (Feast of Lots) beginning tonight at 7:30 p.m. in the east wing of the chapel.

Susan Marks, student rabbi, will lead the ceremony by reading the Megillah (Book of Esther). The public is invited to attend.

The holiday of Purim began in celebration of the devotion of Esther, a Hebrew and wife of King Ahasuerus of Persia, who saved her people from execution by an evil prime minister, according to Peggy Busch, a member of the local Hebrew Congregation.

The story begins sometime between 404 and 361 B.C. following the marriage of Esther to King Ahasuerus.

Soon after the marriage the King discovered that he owed his life due to the actions of Mordecai, Esther's uncle. Out of gratitude Ahasuerus granted many privileges to Mordecai which enraged Haman, prime minister to the King.

Haman planned revenge by plotting to execute all the Jews, including Esther, within the Kingdom.

To foil the plot Esther gained Ahasuerus' influence to stop the prime minister.

On the day the Jews were expected to draw lots to select the first execution victims the King had Haman put to death instead.

The Feast of Lots consists of reading the Megillah and is considered a festive occasion marked by wearing costumes. Participants, as the story is read, boo at the Prime Minister's name and cheer when Esther's name is read. Mrs. Busch says the reading is much like an old fashioned melodrama.

Other holiday activities include serving hamentasch, a fruit-filled cookie shaped like a three-cornered hat worn by Haman.

This year the hamentasch will be baked by the bat- and barmitzvah students of the congregation.

Also, Mrs. Busch explained that Purim was actually yesterday, this year, but the congregation chose to celebrate it the next day because, "We celebrate holidays according to when the student rabbi is here."

Missions activities highlight programs at All Faith Chapel

The Protestant Congregation of the All Faith Chapel will start a weekend of missions activities tonight at 7 p.m. with a talk by Art Lindsay of The Cornerstone.

The Cornerstone is a non-denominational Bible-teaching ministry, headquartered in Kentucky. Rev. Lindsay will discuss this ministry during the service that he will conduct; he and his wife, Carole, will also be present at other weekend services.

Tomorrow morning at 7:30 a Men's Prayer Breakfast will be held at the east wing of the All Faith Chapel. Women are invited to attend. Reservations are requested, and can be made by telephoning the Chapel office at NWC ext. 3506.

Tomorrow evening the Paragon Productions film "His Divine Tapestry" will be shown at 7 p.m. at the Chapel. The film is a three-screen, nine-projector production originally developed by Bill Graham's International Conference for Itinerant Evangelists in Amsterdam, Holland. Also present tomorrow evening will be Wayne and Aileen Osborn of Campus Crusade for Christ, who will discuss their work.

The final event of the weekend will be a fellowship potluck with Rev. Lindsay held in the east wing of the Chapel at 5:30 p.m.

Nursery care for small children will be available each of the evenings. All community residents are invited to attend the various events.

in 1970. He commented that he had used the ranges at what then the Naval Ordnance Test Station while assigned to North Island and other west coast bases.

Parents of five grown children, four sons and a daughter, Dill and his wife Pat live in Sierra Breeze Mobile Estates. He noted that their youngest son, Ray, was currently assigned to China Lake as a hospital corpsman at the Branch Medical Clinic.

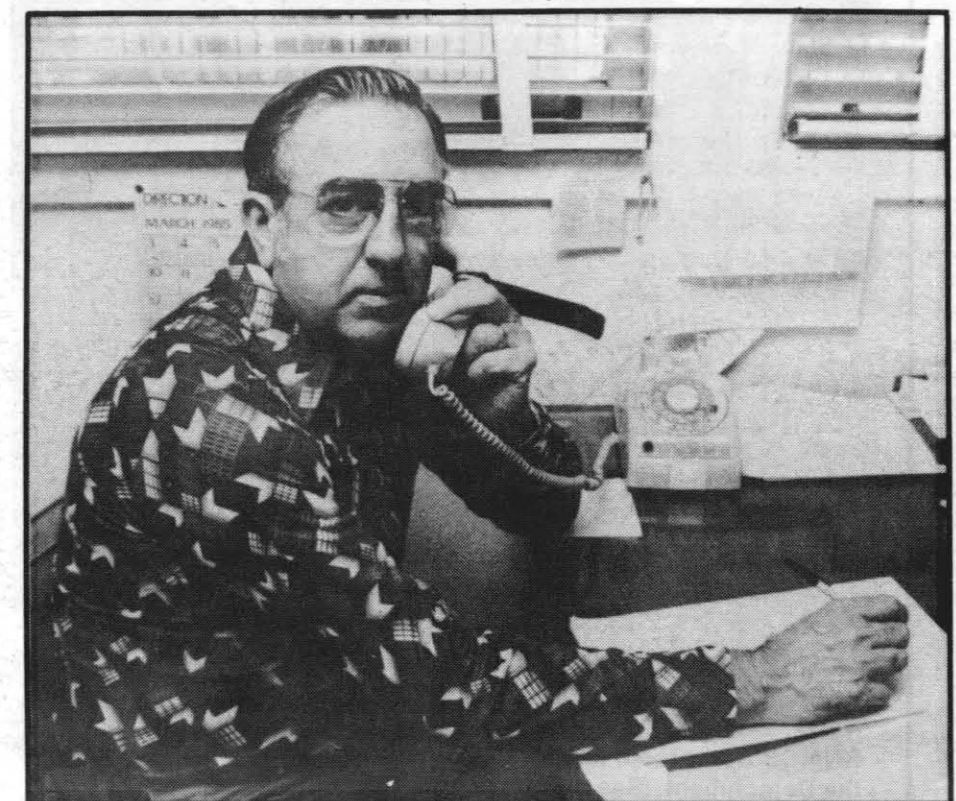
While he's not ready to retire from Civil Service and his interesting work, Dill says he and his wife have some firm plans for

the future.

When retirement time does roll around, they are heading for the sea. They plan to buy a boat, move aboard and live there.

Dill notes they have been checking out boats during annual vacations. And, he added they were no strangers to boats, having owned a couple of them while in Florida. "There's no place better to have your kids come visit you than on a boat," he says.

Dill enjoys his work, finds it challenging and isn't ready to fold up the tent, at least not yet.



ON THE PHONE — Louis Dill talks with a customer regarding details of a test at the Test Operations Branch of the Electronic Warfare Department. Dill has been working at Echo Range since 1979.

Kings, Pacers, Suns and Rockets among basketball teams posting triumphs in Youth Winter League play

Play concludes Monday in the Youth Basketball Winter League at NWC. Going into their last week, teams were in action for 10 games in recent days.

Senior Division

Kings 56, Mavericks 48

The Kings got a 17 point-performance by Waugh and 16 markers from Gary Gray to lead them past the Mavericks, 56-48. Paul Mantz added eight points.

Steve Halem was hot for the Mavericks with 29 points in the loss. Mike Miller contributed seven points to the Maverick cause.

Clippers 70, Bullets 42

Behind Eric Winter's 24-point effort and 22 markers from Aldean Jones, the Clippers breezed past the Bullets, 70-42. Kevin Sizemore added 12 points for the victors.

The Clippers got a 18-point game from Stacy Schoen while Richard Hutchinson chipped in with 10 points and Jeff Flower added six points.

Junior Division

Pacers 43, Lakers 35

Matt Pohl's 20 points lead the Pacers to a 43-35 Junior Division win against the Lakers. Brian Brawand and Bart Anderson had eight points each in the victory.

The Lakers were paced by Paul Ashton's 15 points and a 13-point effort from Edward Hamilton in the losing battle.

Bucks 53, Hawks 38

Three players hit in double figures for the winning Bucks. Josiah Brown led with 17 points while Lance Moore and Patrick Gilbreath added 14 points each.

Matthew Mann had 14 points to lead the Hawks in their 53-38 loss to the Bucks. Blake Ashley and Timothy Seufert had six points each for the Hawks.

Jazz 33, Warriors 32

Only one point kept the Warriors away from victory in the 33-32 win by the Jazz. James Bell paced the Warriors with 16 points in the loss and Shawn Hamilton added eight points.

Balance keyed the Jazz victory. Lamont Dawson and Brian Mather had eight points each while Danny Mather and Tom Markarian had six points each.

Instructional Division

Stars 46, Nets 28

The Stars got a 28-point performance from Anthony Weber to lead them past the Nets, 46-28. Damon Kelling added 12 points in the victory.

Tony Halem with 10 points and Aaron Schwartz notched 12 points to lead the Nets.

Suns 23, Bulls 18

Behind seven points from Keith Parris and six by Chuck Rouland the Suns edged the Bulls, 23-18. Isaac Curran added four points in the victory.

Josh Moorehead's six points paced the Bulls while Mark Russell and Kevin Self added four points each in the loss.

Intermediate Division

Celtics 70, Huskies 33

The Celtics rolled past the Huskies, 70-33. Chris Marshall with 32 points and Mike

Strathdee with 30 led the scorers in the easy win.

The Huskies got 17 points by Scott Ross and 10 from Toby Fisher in the loss. Mandy Cordell added four points and Nathan Frisbee, two markers.

Spurs 28, Pistons 21

Three players did it all for the Spurs in their 28-21 win against the Pistons. Zagala led the way with 14 points while Dave Bartels had 12 markers and Carter Jones two points.

Jason Rainwater's 10-point effort paced the Pistons in the defeat. Derek Brown added six points in the loss.

Rockets 32, Nuggets 26

Brad Bays with 12 points and Charles Eberhart with nine points led the Rockets past the Nuggets, 32-26. Matt Bullock added five points in the win.

Todd Mather paced the Nugget attack with 14 points while Chris Brown added seven points and Tommy Mather three. Patrick Rindt had two points.

Thrifty Wash keeps lead

Thrifty Wash held on to the top spot in the Premier Scratch Bowling League this week with a 332½-267½ record.

Cal Gas maintained a grip on second place while the Elks Lodge keglers hold the number three position.

Hub Zimmerman tied together games of 243, 248 and 211 for a sizzling 702 series for top individual honors. Hugh Campbell added a 226 game and Bob Hooper a 225 game.

Joseph's rolled to team honors with a 936 game that led to a 2,710 series.

Standings

Team	Won	Lost
Thrifty Wash	332½	267½
Cal Gas	332	268
Elks Lodge	321½	278½
Buggy Bath	315	285
Olympia Beer	300½	299½
E&E	295½	304½
Joseph's	290½	309½
Hideaway	281½	318½
The Place	269½	330
Raytheon	261	338½

Anglers, nimrods capture several record specimens

The Department of Fish and Game reported recently on the big ones that didn't get away — record specimens of fish and game taken in California last year.

Gourmets probably would rate highest the red abalone measuring 11½ inches that was taken in Shelter Cove in Humboldt County or the 16-pound, 3-ounce lobster taken off Long Beach.

Those preferring to go after various species of trout envy the angler catching the 24-pound, 12-ounce steelhead in the Mattole River, Humboldt Co.; the 15-pound brown trout at Upper Twin Lake, Mono County; or the 3-pound, 4-ounce Eastern brook trout. The angler who snagged at 51-pound, 2-ounce striped bass at Dustin Acres in the California Aqueduct is also to be envied.

Those dropping lines into ocean water

probably would have like to catch the 10-pound, 10-ounce bonita taken off La Jolla; the 75-pound, 12-ounce albacore tuna caught off Morro Bay; or the 44-pound yellowtail caught near Church Rock on Catalina Island. A 98-pound bluefin tuna, which would make a lot of tuna sandwiches, was brought in from the Cortez Banks.

Hunters also scored a few memorable triumphs: the biggest bear taken during the year weighed 550 pounds and was shot at Cabbage Patch Meadows in Calaveras County; the biggest black-tailed deer, shot at Mount Vaca in northern California, weighed 155 pounds; and the biggest mule deer, taken at Little Valley in Lassen County, was a huge 270 pounds.

Only one outstanding record was hung up by bird hunters: a 22-pound, 12-ounce turkey was shot in Shasta County.

DFG reminds state fishermen of changes in 1985 regulations

California Department of Fish and Game officials recently reminded state anglers that several changes in sport fishing regulations went into effect on March 1.

Among the changes are elimination of the 16-inch minimum length on striped bass in the Colorado River fishing district and increasing the daily bag from three to 10 fish.

Also, establishing a fall trout season at Crowley Lake to run from Aug. 1 to Oct. 31. Anglers will be limited to two trout, 18-inch minimum and gear is limited to artificial lures with a single, barbless hook.

A new feature in the sport fishing regulation booklet is a list of health warnings including a warning that children and pregnant women should not eat any striped bass from the San Francisco Bay-Delta region. Other adults should have no more than one meal per week from Bay-Delta region striped bass because of possible toxicity from mercury. The same health warning is issued for Lake Nacimiento in San Luis

Obispo County.

The daily bag and possession limit of mussels has been dropped from 25 to 10 pounds for per person, but the state beaches in California are now open to the take of mussels during open season. This opens up 74 state beaches to mussel gathering.

And, possession of live trout in any container is prohibited.

Copies of the 1985 sport fishing regulations are available at DFG offices and from license agents throughout the state.

Pony tryouts Saturday

Boys and girls aged 13 and 14 are invited to try out for Pony League on any of three Saturdays in March at the Pony League fields at NWC.

Tryouts will be held from 9 a.m. until noon on March 9, 16 and 23. A donation of \$35 in expected from each of the youngsters who play during the Pony League season.



SITE VISIT — At Armitage Airfield for a site visit and preproposal conference for the aircraft maintenance service contract are (l. to r.) Al Tentilucci and Michael Schmitt from the Naval Regional Contracting Center, Philadelphia; AQCS William Muhlhause, officer in charge of the Naval Aviation Engineering Service Unit detachment; Rose Mingone from NRCC; and Maurice Hamm, the local technical representative on the conference. The contract is expected to be in place in October of this year. — Photo by PH2 Rick Moore

Internal Revenue urges a double check of all figures

WASHINGTON (NES)...Each year taxpayers make incorrect entries on their federal income tax forms, according to the Internal Revenue Service.

The largest percentage of errors are made on Form 1040, the "long form." To assist people who file Form 1040, IRS has compiled a list of problem areas to double check, figure from Tax Table — This item is always high on the list of the most common errors. Double-check the figure from the tax table for your filing status before entering it on line 38. Check the box indicating use of the tax table, child-care credit — You should read instructions carefully and double-check your figures on Form 2241, "Credit for Child and Disabled Dependent Care Expenses." Enter the figure on line 41, and attach Form 2441 to your return, balance due/refund — If your total tax (line 56) is larger than your total pay-

ments made (line 64), enter the difference on line 68, "Amount You Owe." Follow the instructions for remitting payment. If the reverse is true, enter the difference on line 65, "Overpaid." Enter on line 66, "Refunded to You" the portion of the line 65 overpayment that you want refunded to you, dividends — You must complete Schedule B if you have \$400 or more in dividend income. Enter your total dividends on line 9a; your exclusion (up to \$100 for individual filers, up to \$200 for married filing jointly) on line 9b; and enter the difference on line 9c, income averaging — Schedule G, Income Averaging, is one of the most complicated forms for individual filers because of the number of tax years covered on the form. Have copies of your returns for the preceding three years to complete this form. Read instructions carefully and double-check all figures.

The Rocketeer

Official Weekly Publication
Naval Weapons Center
China Lake

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NWC Commander

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Phone 3354, 3355

Isabella fishing for trout, bass said to be good

by Mike Vradenburg

Trout fishing is good, and the most productive areas are below Wofford Heights (end of Evans Rd.), where the river enters the lake, Kissack Cove, and the Auxiliary Dam. Most anglers are using the marsh-mallow and red salmon egg combination.

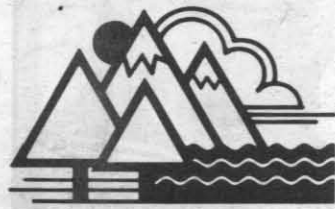
Bass fishing is excellent, and many bass 5 to 10 lbs. are being caught. This time of year an angler catches his limit or only lands a few small ones.

Anglers usually are only able to fish half day, because of the wind. But, on nice days like last Thursday the wind did not start until 3 in the afternoon. From 1 to 3 P.M. the bass were feeding and fishing was fantastic.

In the morning good size bass are hard to catch, but as the water warms bass start feeding on the forage fish (shad) as they move towards the surface. During this time anglers find easy success, casting or trolling, spoons or plugs silver in color to imitate the shad.

Catfish are starting to feed, and the most productive bait is clams. On the warm days last week, fishing in the south lake trees was very successful.

All catfish have small eyes, and they mainly use their sense of smell to locate their food. Crappie fishing is real good, and anglers are doing the best where the north and south channels come together.



Sports

Start of the grunion run expected this weekend

With a little planning and a lot of luck Southern Californians can get their hands on some good eating beginning March 8.

That's when the first significant grunion run of the season is scheduled on sandy beaches south of Point Conception.

Thousands of female California grunion are expected to struggle through the surf to wiggle their tails into the sand and deposit eggs as eager males encircle the females and fertilize the eggs.

The process lasts about 30 seconds, after which the fish re-enter the sea on the next wave leaving the eggs behind. Each female may leave as many as 3,000 eggs buried in the sand.

Grunion will spawn from late February to early September, but the best months are from March through early August.

Grunion may be taken only by hand and only by licensed anglers or children under the age of 16, during any month of the year except for April and May, two months that have been set aside to allow them to spawn in peace as a measure of protection.

Now, how do you catch a grunion?

Grunion make their spawning runs only at night following a new or full moon during the higher tide periods of a decending tide series for three or four nights in a row when the succeeding tides are lower than those of

Big carp pulled out of lake

A lot of big carp have been caught lately in Lake Isabella — carp that are averaging from 8 to 9 pounds, but may go as high as 18 pounds.

Also being caught are goldfish that have escaped from being used as bait — illegal bait. Last year a 5-pound goldfish was pulled in by a startled angler.

Department of Fish and Game wardens

a previous night, and then only for a one-to four-hour period each night. Peak activity begins about an hour after the start of a run and can last from 30 to 60 minutes, often with thousands of fish on the beach at any given time.

There is no way to predict where grunion runs will occur on a given night, but they do run on most sandy beaches in Southern California. The ends of beaches are often the best locations.

Space the members of your party out along the surf line at approximately 10- to 15-foot intervals. Watch for the first few fish to beach themselves and allow these early arrivals to return to the sea. They act as "scouts" for the main school and shortly after they are back in the water, more fish will come to shore on succeeding waves. Now is the time to get a grip on the grunion!

Wear old clothes and be ready to get your feet wet. A small burlap bag or even an old pillow case will suffice as a grunion creel.

And remember, grunion may be taken only with your bare hands. Utensils of any kind are prohibited.

Grunion catching lessons will be offered on selecting spawning period days by the Cabrillo Marine Museum in San Pedro. Call the museum for information at (213) 548-7562.

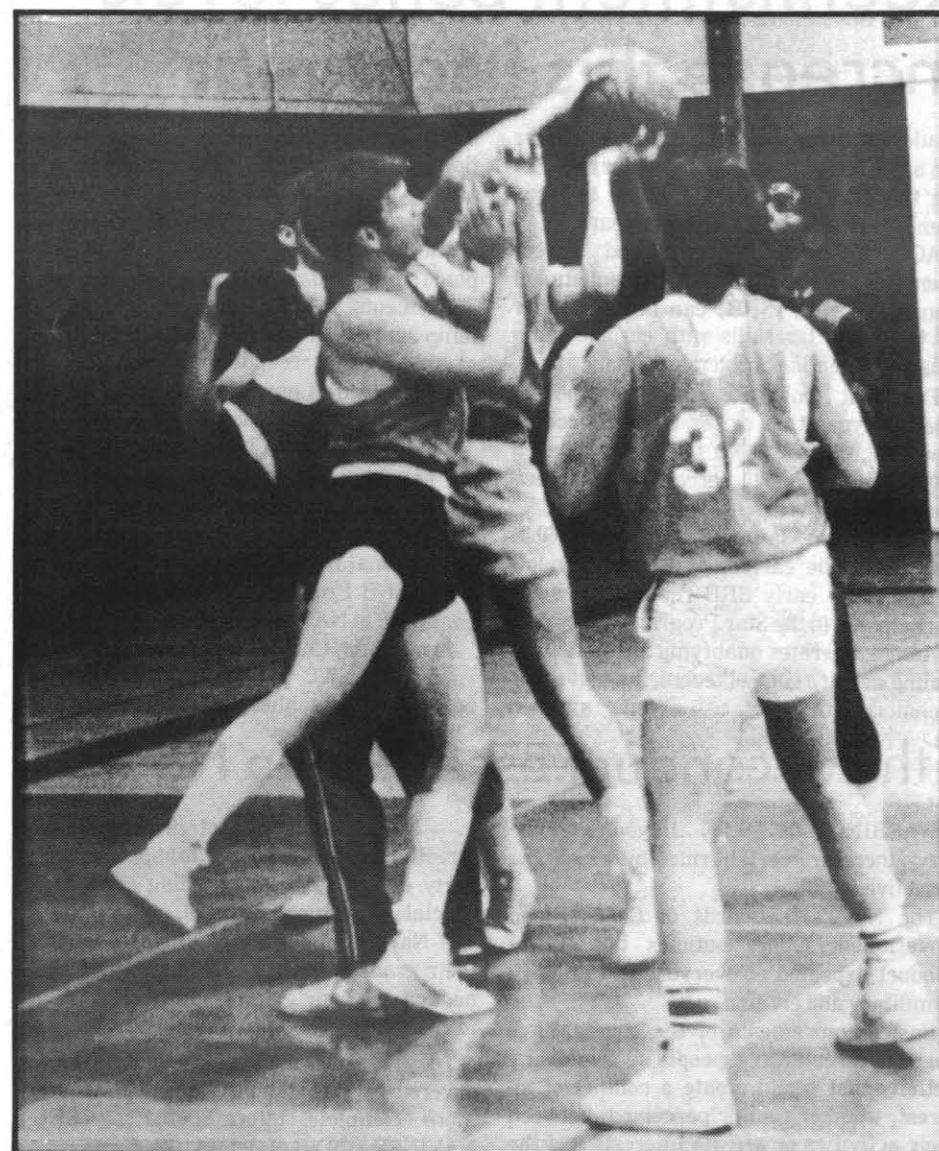
remind anglers that these carp can be taken with bow and arrow and with frog spears. The fish are schooling in some of the shallow coves such as Bolder and French Gulch, and around the Tilley Creek area.

The bigger carp do have enough meat on them to make them worth taking home, cleaning them, and cooking them.



COMMANDER'S CUP — NWC Gold (with ball) squared off against VX-5 cagers in Commander's Cup competition last week. Basketball was the sport of the

month for February while volleyball is the designated sport for March. — Photo by PH2 Rick Moore



HOOP ACTION — Three Commander's Cup basketball games were played last week by teams from VX-5 and NWC. NWC Gold is seen in action against VX-5 in the above photo.

Military softball rosters sought by Rec Services' Sports Division

Recreational Services Department Sport's Division is now accepting rosters from all military softball teams that want to play in a season to start in early May and end in late July or early August.

Coaches meeting dates, schedules and more information is available from the sports division at NWC ext. 2334 or 2571.

Rosters will be accepted during March and April.

Intramural volleyball play is expected to

begin by mid-March. There are Open A, Open B and Coed A and B spring leagues this year.

All participants other than military personnel and their dependents must have an Athletic Association Membership or a Volleyball Sports Activity Card.

Jerry Kissick, NNWC ext. 3970, will take a composite team of military and civilians to Norton AFB on March 30-31 to compete in the MDISL volleyball tournament.

The Skipper sez



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.

QUESTION

Civilian Employee — A rather disturbing experience has happened to me. I put in an emergency stub for multistrike (typewriter) ribbon. During the process of follow-up, I discovered that multistrike ribbons are a mandatory GSA purchase. I had a quote for \$115 for a non-GSA purchase. The GSA purchase is \$396. This is more than twice the amount. Why is something like this a mandatory item? Why do we get ourselves into situations like this, where a substitute costs more than twice what the name brand costs?

ANSWER

The theory behind mandatory GSA purchasing is that, because of the quantity of items GSA buys, lower prices can normally be obtained by GSA than can be obtained by local activities. Obviously, in the case you describe, this theory does not appear to be working as it should! There is a way to call this matter to GSA's attention for correction, however. The procedure involves making the GSA contracting officer responsible for the particular item involved aware of the alternate source. The contracting officer is identified in the appropriate GSA schedule. Of course, to make a valid price comparison, it is essential to determine whether identical items are being compared. Sometimes a difference between products that appears insignificant on the surface can make a big difference in price. We need to be sure that we aren't comparing "apples and oranges." If the products are the same, we or GSA should purchase the less expensive item.

You should bring the details of your specific case to the attention of the supervisor of the Code 2522 Purchasing Branch, Wanda Williams, NWC ext. 3033. Thanks for your concern in saving the government money.

Fires following quakes in Chile point out possible danger here

Reports of the earthquake in Santiago and Valparaiso, Chile, brought back vivid — if not necessarily pleasant — memories to Dr. Pierre St-Amand, the Center's renowned seismologist, who was in Chile during the massive quakes that occurred there in 1960.

He points out that early reports indicate the majority of buildings damaged are structures built before 1933 when, following another severe quake, regulations about seismic safety for new construction went into effect.

Some of the world's best seismic engineers are in Chile, according to Dr. St-Amand. Unfortunately, these engineers aren't always able to exercise proper control over building contractors and government inspectors.

Much of the damage shown in early television pictures from Santiago indicated that the newer buildings suffered mainly fire damage from fires caused by short circuits, inadequate wiring, or broken gas mains.

Fires could also be a major danger in case of a quake in the Indian Wells Valley or a quake epicentered in the surrounding area that still severely shakes the valley, says Dr. St-Amand.

"If we have a good-sized quake, we'll probably lose electricity immediately, and that will also mean that we lose water because the water in the Indian Wells Valley is all pumped electrically," he says.

Fires could start from either leaking gas or from electrical wiring, but, since wiring in this country generally is well inspected when it is installed, the most likely cause of fire would be gas leaks or the spillage of flammable materials.

"You shouldn't store anything flammable in glass or other breakable containers," says Dr. St-Amand, and, "if you have to store flammables at all — which generally isn't a good idea — you should always store these in outbuildings away from either house or garage."

He says that mobile homes can catch fire because they slip off the concrete tiers holding them and break the gas mains in so doing. Any mobile home should be well tied down to solid concrete blocks or should be on the kind of foundation that will keep it upright and in place.

If a quake hits, Dr. St-Amand notes, householders should immediately check for

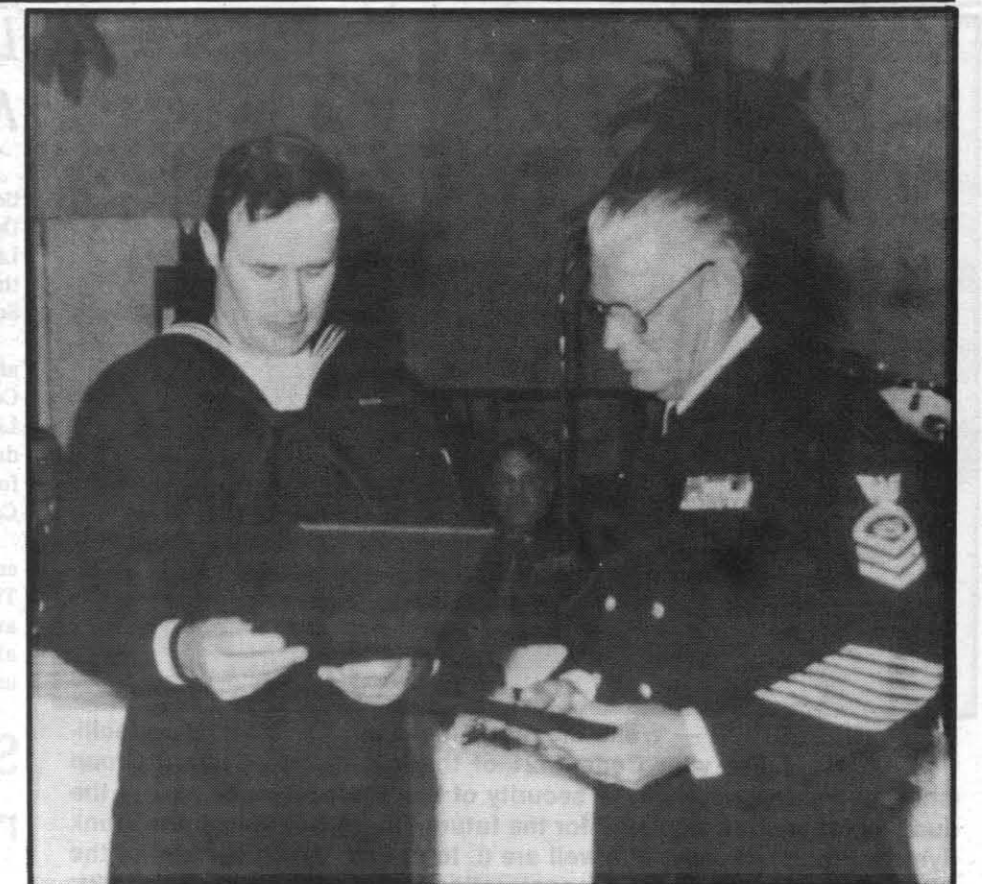
gas leaks or broken gas lines, and, if there's any doubt at all about the security of the gas system, should turn off the gas at the main.

"Keep a wrench of the right kind handy, and teach all adults or teenagers in the house how to turn off the gas," he says. "Then, when your own home is secured, check with your neighbors at least two houses on either side of you. Many people who have been injured by falling objects owe their lives to a neighbor checking on them."

Turning off propane at the main tank is also vital, he notes, if any propane lines leak.

If a severe quake hits the surrounding area or a moderate to severe quake occurs within the valley itself, Dr. St-Amand believes that the area might be without electricity, running water, and outside food moving in for at least a week, if not longer.

"It's good sense to have food and drinking water on hand for the household for at least a week," he says, "because there's no way to predict when we'll get shaken up."



EFFORTS RECOGNIZED — UT2 Lu-ellen Hays reads the citation presented to him as "Seabee of the Year" as EOC Carl Nyholm, Officer-in-Charge, RNNCB Seventeen, Detachment 0217, looks on.

UT2 Hays named Seabee of Year for initiative, dedication shown

"King Bee" Capt. Hay Harrell, Public Works Officer, announced the selection of Utilitiesman Second Class Lu-ellen Hays as Seabee of the Year for Mobile Construction Battalion 17's Detachment 0217. The announcement was a highlight of the annual Seabee Ball held at the Commissioned Officers' mess last Saturday evening.

The citation written by EOC Carl Nyholm, Officer-in-Charge of the Detachment, praised UT2 Hays' initiative and guidance to fellow reservists and his dedication to complete assigned tasks.

It particularly noted his assistance to the Peruvian Naval Forces construction team during active duty for training, with his efforts to help repair and replace sanitation and communication facilities at Callao, Peru, being singled out.

The citation continues, "Not only did you impress the host country with hard work and genuine interest for the task, but you served as an ambassador of good will from the United States."

UT2 Hays' civilian employment is with the Los Angeles Department of Water and Power at Olancha.

Honored guest speaker for the evening's program was Capt. K. A. Dickerson, NWC Commander, who was introduced by Capt.

Harry Parode, USN (ret.), the master of ceremonies.

Among the other guests introduced was Terry Sunderland. Sunderland was one of the original Seabees, serving in one of the first Seabee units when the construction group was born in 1942.

At the traditional cake-cutting, CM3 Brian Sweany and EOC Cy Ebersberger received the first pieces of cake since they were the youngest and the oldest Seabee present.

The Seabee Ball honored the 43rd birthday of the mobile construction units, which were formed during World War II to meet the need for building advanced bases in the Pacific.

Since their birth, the Seabees have paved many roads to peace from embassies in the Middle East to civil action projects in the Pacific, and from deployment sites in Europe to drill sites in Mid-America.

The Seabee Ball also honors the Navy Civil Engineer Corps, now 118 years old. The skills of this group of dedicated professionals are required to keep the Navy on the cutting edge of engineering technology.

The evening, which began with a roast beef dinner, was completed with songs by the Barbershoppers and with dancing to the music of Wayne Paisano and the Road Runners.

Centennial Medal of IEEE presented to 3 local members

Three local residents were recently honored by the China Lake Section of the Institute of Electrical and Electronics Engineers, with their recognition symbolized by their being presented the Centennial Medal of that organization.

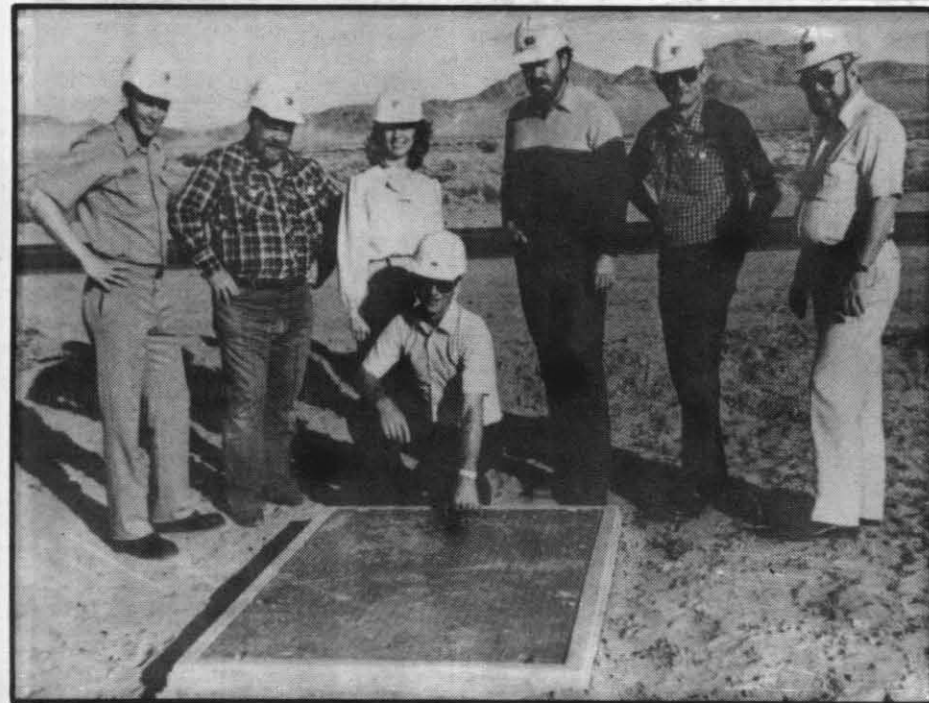
Honored were Mel Creusere, Dave Koelsch, and the late Corinna Peterson, whose sister, Linda, accepted the medal in her name. They were nominated for their service to both the section and to their profession.

A total of 1,984 medals were presented last year in honor of the 100th anniversary of the founding of the IEEE and its predecessor, the American Institute of Electrical Engineers. Also joining the organization was the Institute of Radio Engineers, founded in 1912, which became the electronics society. The organizations merged Jan. 1, 1963.

Today the IEEE is the largest professional organization in the world, with nearly a quarter million members.



SERVICE COMMENDED — Capt. H. H. Harrell, Public Works Officer, greets Terry Sunderland, who was a Seabee when the organization was first created in 1942. — Photo by PH2 Rick Moore



FINAL INSPECTION — While the group looks on, Ken Maxwell, a facilities representative with Code 1421 of the Information System Group (shown kneeling), checks the security of the cover plate for part of the ductwork recently completed for the future Fiber Optic Backbone Trunk System Project. Joining Maxwell are (l. to r.) Ens. Gregg Buckle, of the AROICC office; Red Thyme, a construction representative of Code 2621; Karen Higgins, head of Code 1421; Steve Madsen, a construction rep. in Code 2621; Steve Nemeth, Head of the Civil Engineer Branch (Code 2621); and Ed Scullin, Fiber Optics Trunk Project Engineer with Code 1421.

Manholes, ducts installed for new fiber optic communication system

Future improvements in data communications between NWC's research facilities have been initiated with the completion of manholes and ducts for the installation of a Center-wide integrated fiber optic communication system — the Fiber Optic Backbone Trunk System Project.

The repair and extension of the duct works, under the close coordination of the Engineering Division and Construction Division of the Public Works Department, was completed by Keith Braun, Inc. of Lancaster, the contractor selected to do the preparation work.

The Fiber Optic Backbone Trunk System Project, under the cognizance of Karen Higgins, head of the Communication Development Branch (Code 1421) of the Information Systems Group, and Ed Scullin, Fiber Optics Trunk Project engineer with

Code 1421, will give the Center an improved way to transmit high-speed, large capacity data, video, and voice communications, according to Mrs. Higgins.

This communication network will link the Center's facilities and alleviate a critical technical problem because the present system has become outmoded.

When completed, the system's enhanced communication capabilities will increase access to automatic data processing (ADP) resources. ADP resources will function close to maximum capability, information transfer speed will increase, and there will be tighter data transmission security.

Fiber optic technology was selected over the other data transmission technologies for its relatively low cost, immunity against electronic interference, difficulty to compromise, potential for future expansion, and versatility of its wide-bandwidth data transmission signal.

The fiber optic network system project is being completed by a coordinated effort to the Office of the Assistant Resident Officer in Charge of Construction (AROICC) in the Public Works Department, the Supply Department, and the Information Systems Group (Code 14).

The contract for the provision and installation of the system will be let soon and the system is expected to be operational in late 1986.

Navy Hotline

for Fraud, Waste and Abuse
Call: NWC ext. 3521
(800) 522-3451 (toll free)
288-6743 (Autovon)
(202) 433-6743 (commercial)

MIKE'S LAB

BOSS! THE NEWS MEDIA IS OUTSIDE AND THEY WANT A COMMENT ABOUT THE DUST FALLING HERE.



WELL IN THE INTEREST OF PUBLIC CONFIDENCE AND THE NEED FOR THIS OFFICE TO BE ABOVE REPROACH, I HAVE A STATEMENT FOR THEM.



YOU REALLY GOING TO EXPLAIN HOW OUR PUMPING OUTS LAKE DRY CAUSED THIS?



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Here's what you need to know

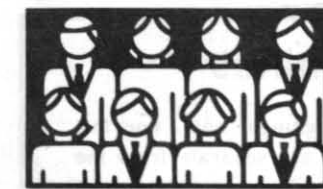
This is the first of a series of publications provided as assistance in preparing documents needed by the Personnel Service Divisions to process personnel actions. The Personnel Service Divisions are attempting to better meet management needs by expediting the flow of information from the requestor to personnel. One factor that can delay the processing of personnel actions is the lack of proper supporting documents.

There are exceptions to the matrix and, depending on the type of request, additional involvement or documents may be required. For example, a new position/job description may not be required if a current one exists and has been properly classified; the development of a crediting plan may require input from the supervisor and one or two others; and a superior qualifications package or highest previous rate authorization may be required for certain actions. Therefore, it is strongly recommended that you always check with your personnel management advisor or personnel assistant.

The Personnel Service Divisions hope this matrix will increase understanding of documents required to process personnel actions. Suggestions for improvement should be submitted to your personnel management advisor.

ACTION DOCUMENTS MATRIX

Desired Personnel Action	DOCUMENTS REQUIRED									
	P.A.R. (SF-32)	P.A.C., P.D., J.D.	Score Pkg. (includes form "B")	S.F.-171 (fr. employee)	Area Access form	Advertisement	Request for transfer/Reassignment	K.S.A.P.'s statement	Notice of rating form fr. OPM	Supplemental Form (OPM)
1. EMPLOYMENT OF PERMANENT PERSONNEL WITHOUT CIVIL SERVICE STATUS										
(a) Delegated Examining	x	x			x	x		x		
(b) Predetermined score hiring process	x	x		x	x				x	
(c) OPM Registers	x	x			x			x		x
(d) OPM Register name requests	x	x		x	x			x	x	x
(e) Excepted appointments (coop, v.r.a., etc.)	x	x		x	2					
(f) Recruitment Direct Hire	x	x	x		x					
2. EMPLOYMENT OF PERMANENT PERSONNEL WITH CIVIL SERVICE STATUS										
(a) Merit Staffing	x	x				x		x		
(b) Reassignment	x	x		1		x	x	x		
(c) Reinstatement	x	x		x	x	x		x		x
(d) Transfer	x	x		x	x	x	1	1		x
(e) Conversion to reinstatement (fr. temp. appt.)	x	x		x	x	x	1	1		x
3. EMPLOYMENT OF TEMP. PERSONNEL WITH NO CIVIL SERVICE STATUS										
(a) Temporary announcements	x	x			x	x				
(b) Excepted Appointments	x	x		x	x					
(c) Predetermined score hiring process	x	x		x	x			x		
4. EMPLOYMENT OF TEMP. PERSONNEL WITH CIVIL SERVICE STATUS										
(a) Reinstatement	x	x		x	x	x		x		x



Personnel News & Notes

No. 3

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. 00-006, Program Analyst, DA-345-2/3 Code 01T — Provides analyses and summaries of the resource aspects of the Center's technology base programs; establishes and maintains data bases; coordinates specialized information collection efforts both on and off Center; writes, assembles, and edits a variety of one-time and recurring reports and presentations; functions as Center point-of-contact for technology base resource information. Provides administrative support services for the Office of the Technology Base Director. **Elements:** Knowledge of Center resource data bases, of Center and Headquarters technology base management organizations, of Center technical programs; skill to set-up and use office microprocessor data bases; to utilize Center computer data bases; ability to analyze, to collect and organize data, to organize/write/edit reports, to communicate, and deal with people at all levels.

No. 14-005, Clerk-Typist, GS-322-3/4, Code 1422 — Incumbent provides typing and general clerical support to branch office. **Elements:** Ability to work independently; knowledge of format and clerical procedures; ability to deal with people at all levels; skill in operating manual, electric or automatic typewriters; ability to insure correct spelling, punctuation, capitalization, and basic grammar in written materials. Promotion potential GS-4.

No. 14-006, Program Analyst, DA-345-3, Code 1421 — Position is Configuration Management (CM) Analyst. Duties include defining CM requirements for a Centerwide communications network; developing and

recommending new approaches and policies for Centerwide CM of networks and communications systems; planning for CM of the proposed communication system and coordinating implementation; and insuring appropriate CM in specifications and evaluation for the proposed system. **Elements:** Ability to analyze; ability to deal with people; knowledge of Centers and DOD policies on configuration management and/or related areas; ability to work with various agencies in a Centerwide effort; ability to communicate orally and in writing. Promotion potential DP-3. Status eligibles may apply.

No. 14-007, Supervisory (Interdisciplinary) General/Electronics/Mechanical Engineer, Physicist, Mathematician, Computer Scientist, DP-801/855/830/1310/1520/1550-3, Code 1411 — Incumbent will serve as head, User Support Branch in the User Technologies and Applications Division. Incumbent will coordinate and direct the efforts of the branch and be responsible for providing user support through the ADP Resources Center and a Help/Information Desk and Library; provide publicity about information system capabilities that are newly available; and perform the Strategic Planning Function. **Elements:** Ability to supervise; knowledge of computer hardware and software; knowledge of program planning/scheduling; knowledge of and willingness to support EEO objectives; ability to interface with all levels of personnel both on and off Center.

No. 14-008, Supervisory Computer Systems Analyst/Computer Specialist,

DP-334-3, Code 1411 — Incumbent will serve as head, User Support Branch in the User Technologies and Applications Division. Incumbent will coordinate and direct the efforts of the branch and be responsible for providing user support through the ADP Resources Center and a Help/Information Desk and Library; provide publicity about information system capabilities that are newly available; and perform the Strategic Planning Function. **Elements:** Ability to supervise; knowledge of computer hardware and software; knowledge of program planning/scheduling; knowledge of and willingness to support EEO objectives; ability to interface with all levels of personnel both on and off Center.

No. 14-009, Supervisory (Interdisciplinary) Computer Systems Analyst/Computer Specialist, DP-334-3, Code 1413 — Incumbent will serve as head, Data Management Applications and Tools Branch in the User Technologies and Applications Division. Incumbent will coordinate and direct the efforts of the branch and will be responsible for providing user support by providing or obtaining data base management systems, higher order language, data analysis, decision support systems software, expert systems software, and associated functions. **Elements:** Ability to supervise; knowledge of computer hardware and software; knowledge of program planning/scheduling; knowledge of and willingness to support EEO objectives; ability to interface with all levels of personnel both on and off Center.

No. 14-010, General/Mechanical/Electronics Engineer, Physicist, Mathematician, Computer Scientists, DP-801/830/855/1310/1520/1550-3, Code 1413 — Incumbent will serve as head, Data Management Applications and Tools Branch in the User Technologies and Applications Division. Incumbent will coordinate and direct the efforts of the branch and will be responsible for providing user support by providing or obtaining data base management systems, higher order language, data analysis, data base design, application systems design, artificial intelligence software, decision support systems software expert systems software, and associated functions. **Elements:** Ability to supervise; knowledge of computer hardware and software; knowledge of program planning/scheduling; knowledge of and willingness to support EEO objectives; ability to interface with all levels of personnel both on and off Center.

No. 14-011, Computer Programmer Analyst, Digital Computer Systems Administrator, DS-334/301-2/3, Code 1422 — Position is Network Administrator for XEROX Office Information System (XOIS). Responsibilities include managing operational budget; coordinating additions to and relocations of system components; planning for facility installation; establishing procedures for and coordinating efforts of individual code net administrators; and formulating methods to control equipment interfaces to the network. **Elements:** Ability to deal with people under pressure; knowledge of computer networking; knowledge of computer interfacing; knowledge of office automation techniques ability to manage technical program. Promotion potential DP-3. Status eligibles may apply.

No. 24-125R, Police Officer (Armorer), GS-083-5/6, Code 2412 — This is a readvertisement to include the fact this is a Temporary Promotion NTE one year. Performs as uniformed patrolman in areas of both crime and traffic control and enforcement. Serves as armorer for NWC small arms and special weapons; conducts classroom and range instruction in the area of conventional small arms and special weapons. Serves as range master for pistol and rifle range for both police and military person-

nel. **KSAs:** K — of police investigation and regulations; of conventional small arms and special weapons. S — in conducting both classroom and field instruction; in performing duties such as cataloging, filing, shipping and receiving, and conducting inventories. Promotion may become permanent.

No. 24-128, Safety Technician, GS-019-4, Code 2405 — Responsible for monitoring air vapors and particulates to determine health hazards in environment. Assists Industrial Hygienist and Safety and Health Specialists in providing quality health programs. Advises first-line supervisors on health hazards and participates in health surveys as an inspection team member. **KSAs:** K — of safety principles, policies and regulations; of health monitoring reference books. A — to work effectively with individuals and groups; to communicate orally and in writing; to recognize safety health hazards. Promotion potential to GS-8.

No. 24-129, Safety Technician, GS-019-4, Code 2405 — Responsible for monitoring air vapors and particulates to determine health hazards in environment. Assists Industrial Hygienist and Safety and Health Specialists in providing quality health programs. Advises first-line supervisors on health hazards and participates in health surveys as an inspection team member. **KSAs:** K — of safety principles, policies and regulations; of health monitoring reference books. A — to work effectively with individuals and groups; to communicate orally and in writing; to recognize safety health hazards. Promotion potential to GS-8.

No. 31-134, Clerk-Typist, GS-322-4/5, Code 3106 — Position is located in the Field Station Program Coordination Office. Incumbent provides clerical, budget, and typing support to the Office. **Elements:** Knowledge of Navy Correspondence procedures and Navy budget procedures; ability to operate word processing equipment. Status applicants may apply.

No. 31-135, Supervisory Program Analyst, DP-345-3, Code 3106 — Position is that of Program Manager for the Field Station Program Coordinator (FSPC) Office. The primary objective of the FSPC effort is to obtain maximum effectiveness for Navy Field Laboratory resources. The incumbent acts as the central coordinator of task assignments for the FSPC Support Areas (F/A-18, AV-8B, A-6E or AH-1). **Elements:** Knowledge of NAVAIR interface requirements between NAVAIR and NAVY Field Laboratories; ability to consolidate, communicate and report accurately and effectively tasking data for analysis and evaluation purposes; ability to deal effectively with Field Laboratory and NAVAIR personnel; knowledge of supervisory, and management techniques and tools; ability to support NWC EEO policies and goals. Status eligibles may apply.

No. 31-136, Program Analyst, DA-345-2/3, Code 3106 — Position is that of program analyst for the Field Station Program Coordination (FSPC) Office. The specialty area of this position is the A-6 Aircraft Program. The incumbent acts as central coordinator for A-6 task assignments, acts as the principal agent for the A-6 Class Desk for cost, schedule and task analysis of all participating field activities supporting A-6, and prepares recommendations and status summaries. **Elements:** Knowledge of NAVAIR funding procedures and interface requirements between NAVAIR and NAVY Field Laboratories; ability to consolidate budgetary and technical data for analysis and evaluation purposes; ability to deal effectively with field laboratory and NAVAIR personnel; knowledge of management techniques and tools in order to effectively direct and administer the A-6 effort of the FSPC Office; ability to com-

municate and report budgetary and technical data accurately and effectively. Promotion potential to DA-3. Status eligibles may apply.

No. 32-159, Supervisory Chemical Engineer, DP-893-3/4, Code 3272 — Research and development of new propellants, processing of propellants for rocket motors, physical and chemical testing, and aggressive safety program. Elements: Knowledge of propellants and rocket motors; of operational safety principles; of quality assurance procedures; Ability: to supervise large work force of diverse skills.

No. V-35-026, Computer Specialist, DS-334-1/2/3, Code 35027 — This position is Administrator for the Electronic Warfare Department's Management Information System (MIS). Incumbent is responsible for design, development and implementation of an improved MIS incorporating financial, personnel, procurement and secret document data into a data base format. KSAs: Knowledge of SZK and UNIVAC Executive Control Language; knowledge of Center financial reports, data base and procedures; ability to construct a working management information system; ability to deal with personnel at all levels; ability to communicate both orally and in writing. Promotion potential to DP-3.

No. 36-210, Clerk-Typist, GS-322-3/4, Code 3651 — Provides clerical support to two offices on a half-time each basis. Elements: Knowledge: of office procedures. Ability: to perform receptionist, telephone, and various other clerical duties such as general typing and filing; to use IBM Display Writer desirable. Status eligibles may apply. Re-advertisement of previous ad. Previous applicants need not reapply.

No. 39-026, Office Services Clerk, GS-303-5, Code 3907 — Incumbent will provide office services in the Cruise Missile Program Office. Duties: Originate small purchase procurements, provide aid to the Administrative Officer in the fiscal control systems of the program, distribute cost data, coordinate periodic and specific reports and perform filing. Job Elements: Knowledge of small purchase procedures; familiarity with center cost printouts; ability to communicate orally and in writing; ability to deal effectively with people; willingness to exercise initiative. Promotion to GS-6 subject to classification review.

No. 39-027, Electronics Technician, DT-856-1/2, Code 3921 — Assists and/or provides direct technical support in the design, fabrication, rework and modification of electronic systems. Job Elements: Basic understanding of electronics components; ability to read schematics and engineering drawings; certification or ability to be certified as an operator under WS6536 soldering technology; ability to work with small handtools; ability to communicate effectively with people. AS degree in Electronic Technology or in the process of getting the AS degree or equivalent is desirable. Promotion potential to DT-3.

No. V-61-01, Supervisory Interdisciplinary (General)/Electronics Engineer, Physicist, DP-801/855/1310-3/4, Code 6106 — Position is that of Program Manager for the Target Control systems (TCS). Incumbent is responsible for staffing of Program Office, planning, administration and management of TCS activities. With NWC as Cognizant Field Activity for TCS, the incumbent will interface with other DOD activities in the area of TCS. Job Elements: Knowledge of radar systems & range instrumentation; ability to manage technical program (including planning, scheduling, and monetary expenditures); willingness to support NWC EEO policies and goals; ability to interface effectively with Center administrative units and outside organizations; ability to supervise. Promotion potential to DP-4; however, promotion is not guaranteed.

No. 64-007, Electronics Technician, DT-856-2/3, Code 6424 — The incumbent is responsible for the maintenance and operation of the branch's transmitter and antenna test facilities. These duties include test system calibration to insure data accuracy and component testing of a variety of transmitters and antennas used in air-

borne data acquisition systems. Job Relevant Criteria: Must be proficient in the use of spectrum analyzer and other common lab equipment. Experience in RF is desirable.

No. V-62-41, Electronics Technician, DT-856-1/2/3, Code 62503 — This position is located within the COMSEC Program Office. The incumbent will be responsible for the integration, operations, and maintenance of Communications Security (COMSEC) equipment. Coordinates with all range activities to assure COMSEC systems availability, configuration, and operability necessary to support daily operations. Assists in the development and implementation of planned COMSEC systems, and the preparation of operational and security procedures for those systems. Job Elements: Basic electronic background in digital/analog circuitry with experience in test equipment/troubleshooting techniques; ability to develop and interpret schematics and engineering drawings; ability to communicate effectively, both verbally and in writing; willingness to work flexible hours, travel, and attend special COMSEC training; fundamental knowledge of range operations, range instrumentation and communications systems, and NAVWPNCEN security procedures is desirable. Status eligibles may apply. Previous applicants need not apply. Promotion potential to DT-3 possible but not guaranteed.

No. 34-013, Editorial Assistant, GS-1087-5, PD No. 8334018N, Code 3464 — This position is located in Field Branch 3, Field Service Division, Technical Information Department, at Thompson Laboratory. The incumbent performs composition, layout, copy editing, and proofreading services for a variety of technical manuscripts and visual aid requests. The incumbent is responsible for the preparation and accuracy of final camera ready copy for reports produced in the branch. The incumbent also performs some office duties that involve handling mail; preparing timekeeping records, purchase orders, and travel orders; handling phone requests; and referring customers to appropriate Branch resource. Job Elements: Knowledge of English language, grammar, spelling, use of abbreviations, and proofreading techniques; ability to prepare and layout manuscript in a meaningful format; knowledge of magnetic card (electronic memory) composing machines; ability to work accurately under pressure of deadlines. Promotion potential to GS-7.

No. 34-014, Audiovisual Production Specialist, DA-1071-1/2/3, Code 3444 — Responsible for writing and producing audiovisual presentations. Efforts are focused on NAVWPNCEN programs and facilities, conveying pertinent information to management and technical personnel, other Navy establishments and the Department of Defense. Job Elements: Produce slide and vugraph presentations; operational knowledge of state-of-the-art audiovisual equipment is desirable but not essential; ability to work with civilian and military customers; and communicate effectively both orally and in writing. Must demonstrate good people skills. Promotion potential to DA-3.

Pre-Retirement Planning Seminar

Enrollments are now being accepted for a Pre-retirement Planning Seminar that will begin on Wednesday, April 10, and continue through April 24.

Most of the segments (except the one on "Planning for a Successful Retirement") will be 1½ to 2 hours in duration. The "Planning for a Successful Retirement" session will be an all-day workshop. The total amount of time required for the three-week seminar is 18 hours.

The seminar is intended for Naval Weapons Center civilian employees who are planning to retire within the next five years. Spouses of enrollees are also encouraged to attend.

The course is designed to provide a wide range of information on such subjects as tax regulations, the Civil Service Retirement

Reassignment opportunities

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

No. 12-004, Operations Research Analyst, DP-1515-1/2/3, Code 12 — Incumbent will be assigned to one of the program areas and will be involved in analysis studies covering a wide range of subjects. Typical duties involve: analyzing performance of existing and proposed designs of weapons and components of weapons; investigating weapon requirements; projecting probable threat responses; or determining the future course of naval aviation and the Center. The results of these efforts are reported both in writing and oral presentations. Submit current SF-171 to Jenny Fouse, Code 12.

No. 14-012, Computer Scientist DP-1550-2/3, Code 1422 — Position is Network Administrator for XEROX Office Information System (XOIS). Responsibilities include managing operation budget; coordinating additions to and relocations of system components; planning for facility installation; establishing procedures for and coordinating efforts of individual code net administrators; and formulating methods to control equipment interfaces to the network. To apply for this position send a current SF-171 to Gordon Doyel, Code 1422, NWC ext. 3424.

No. 14-013, Interdisciplinary Electrical/Electronics Engineer, Computer Scientist, Physicist, DP-850/855/1550/1310-2, Code 1421 — (2 Vacancies). Position is for a networking specialist located in the System Engineering Branch. Incumbent will be responsible for the planning of a Center-wide network to support a proposed corporate computing and information system. The Centerwide network consists of specialized local area networks, high-speed networks, a digital switch and fiber optics backbone trunk system. To apply for this position send current SF-171 to Karen Higgins, Code 1421, NWC ext. 2078.

No. 14-014, Interdisciplinary Physicist, Electrical/Electronics Engineer, DP-1310/850/855-2, Code 1421 — Incumbent will be the Communication Security Engineer responsible for planning, design and coordination for a protected system in support of the Center's voice, data and video communications system. He/She will be responsible for the acquisition of COMSEC equipment from the National Security Agency and the coordination of the systems design, installation and applications of his hardware. He/She will also help to develop operational procedures to ensure that security requirements imposed by on and off Center organizations are met. Promotion Potential DP-3. To apply for this position send current SF-171 to Karen Higgins, Code 1421, NWC ext. 2078.

No. 26-137, Interdisciplinary (General/

ment System, Social Security and Medicare, legal matters, health maintenance, and a special workshop designed around enrollee participation in planning for various aspects of retirement.

Employees interested in attending this seminar should submit an on-Center training request and authorization form via appropriate department channels in time for it to reach Code 094 by March 22. The seminar will be limited to 60 employees.

Those interested in the Pre-retirement Planning Seminar also are asked to indicate the approximate date of retirement on their training request.

Further information can be obtained by calling Eileen Baird at NWC ext. 2018 or 2592.

Civil/Architectural Engineer), DP-801/808/810-3, Code 2638 — Responsible for the development of Military Construction Planning and Documentation in support of the Center's mission/facilities requirements. Areas of effort include planning, design and development of major facility documentation in compliance with technical and procedural constraints. Submit current SF-171 to Katy Bell, Code 2638.

No. 31-137, Interdisciplinary, Computer Scientist, Physicist, Electronics/Mechanical/General/Aerospace Engineer, Mathematician, DP-1550/1310/855/830/801/860/1520-2/3, Code 3112 — Provides the validation, verification and modification of operational flight programs exercised in the tactical computers of the A-6E Aircraft. Incumbent will be the A-6F facility software engineer responsible for the technical planning, coordination of specification, implementations for modifications and development of new capabilities for the A-6F laboratories. Emphasis is placed on real-time simulation software and hardware. Incumbent will be technically responsible for tasks and milestones performed by others. If filled at DP-2, promotion potential is to DP-3, but not guaranteed. To apply for this position forward a current SF-171 to P. LeBoeuf Code 31102, NWC ext. 5219.

No. 31-138, Electronics Engineer, DP-855-2/3, Code 3112 — The A-6 Facility Branch provides the validation/integration work stations for the development, test, validation, verification and modification of operational flight programs exercised in the tactical computers of the A-6 aircraft. Candidate will be an A-6F Facility Engineer responsible for the design and support of complex electronic equipment; will develop and document hardware specifications and test plans and implement those requirements using facility and contractor support personnel. Incumbent will be required to identify tasks and milestones done by other under technical supervision, and become familiar with the A-6F navigation and weapons delivery systems. Potential to DP-3 if filled at DP-2, but is not guaranteed. To apply for this position forward a current SF-171 to P. LeBoeuf, Code 31102, NWC ext. 5219.

No. 32-160, Interdisciplinary Aerospace/Electrical/Mechanical Engineer, DP-861/850/830-3, Code 3201 — Applicants must have experience in areas of weapon systems development or acquisition and involvement with major DOD contractors, as well as demonstrated capability to work independently and exercise sound engineering judgement. Incumbent will technically monitor all facets of Vertical Launch ASROC (VLA) work at the Goodyear Aerospace Plant, Akron, Ohio and will function as technical coordinator in liaison with NOSC, San Diego and NWC, China Lake. Assignment is temporary for one year (with a possible one-year extension) and will result in a change of duty station during this period. To apply, send a current SF-171 to Paul Cordle, Code 3201.

No. 39-009, Interdisciplinary (Electronics/Aerospace Engineer/Physicist/Mathematician), DP-855/861/1310/1520-1/2/3, Code 3913 — Incumbent will be responsible for mathematical modeling and development of computer simulation and using these simulations to perform design and evaluation investigations of Tomahawk, Harpoon and advanced cruise missile systems. To apply send an updated SF-171 to Sue Hucek, Code 391, NWC ext. 3249/2086. Previous applicants need not reapply.

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 organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria indicated below.

Unless otherwise indicated, applicants will be rated against the job relevant criteria indicated below. A supplemental form is required and may be obtained at Room 100 in the Personnel Building. Job Relevant Criteria: Ability to perform receptionist and telephone duties; ability to review, control, screen and distribute incoming mail; ability to review outgoing correspondence; ability to compose correspondence and/or to prepare non-technical reports; knowledge of filing systems and files management; ability to meet the administrative needs of the office; ability to train clerical personnel and organize workload of clerical staff processes; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences.

No. 31-133, Secretary (Typing), GS-318-4/5, Code 3113 — Provides secretarial and administrative support to the head, A-7 Facility Branch. Potential to GS-5.

No. 31-010, Secretary (Typing), GS-318-6/7, Code 33 — Department head secretary. Provides secretarial and administrative support to the department head. Applicants must submit current annual performance evaluation in addition to required supplemental.

No. 34-012, Secretary (Typing), GS-318-5, Code 3410 — Incumbent provides clerical support to the Publications Division.

No. V-35-027, Secretary (Typing), GS-318-4/5, Code 3544 — The incumbent provides secretarial support to the head, Signal Exploitation Branch.

No. 36-214, Secretary (Typing), GS-318-4/5, Code 3687 — Provides secretarial support to System Safety Branch.

No. 36-215, Secretary (Typing), GS-318-4/5, Code 3683 — Provides secretarial support to Computer-Aided Engineering Program Office. Status eligibles may apply.

No. 39-018, Secretary (Typing), GS-318-5/6, Code 3905 — Provides secretarial support to the Outer Air Battle Projects Office. Previous applicants need not reapply.

No. V-61-05, Secretary (Typing), GS-318-4, Code 6104 — The incumbent provides clerical and administrative services to the First Lt. Office.

No. V-61-06, Secretary (Typing), GS-318-4/5, Code 6103 — The incumbent provides clerical and administrative support to the Special Projects Office.

Recent arrivals, departures at NWC

CODE	NAME	TITLE
ACCESSIONS		
0808	Ely Malcolm E	Management Analyst
08623	Croswait Cathy L	Clerk-Typist
08641	Cubit Michelle D	Clerk-Typist
0921	Foley Glenda D	Clerk-Typist
0921	Grabowski Loretta L	Clerk-Typist
0921	Pressley Alton M	Clerk-Typist
0921	Smith Cynthia M	Clerk-Typist
0921	Wandell Peggy L	Clerk-Typist
12	Carlton Jill A	Computer Spec
24	Kenady Kathryn L	Secretary (Typing)
24311	Castillo Kathryn A	Clerk-Typist
26416	Huckets Ronald R	Laborer
26416	Williams Marty J	Laborer
26417	Gunn James W	Cement Finisher
26429	Aguron Randy P	Laborer
26429	Cullinan James S	Laborer
26429	Jones Lula M	Laborer
26434	Pangle Jim J	Pipefitter
26435	Stevens Steven R	Pipefitter
26446	Hall Gene L	Telephone Mechanic
3109	Bainbridge Judy C	Secretary (Typing)
31403	Douglas Barry C	Mechanical Engr.
3337	Nee Imelda R	Electronics Eng.
3354	Stuebner Gwendolyn J	Electronics Tech.
341	Meyn Jenny L	Clerk
3411	Estes Renee L	Writer/Editor
3413	Rute Lois A	Clerk
3464	Coughlin Patrick J J	Techn. EQ Illustrator
3644	Quinlan Timothy J	Machinist
3664	Smith Richard	Operations Research Analyst
38904	Williams Marion J	Physical Science Aid
3907	Farris Kathleen M	Clerk-Typist
6133	Kilgore Daryl H	Inventory Mgt. Spec.
6413	Trosper Martin J	Engrg Technician
6424	Dahl Robert W	Electronics Engr.
SEPARATIONS		
0807	Huston Willie C	Auditor
0824	Wagner Dan W	Management Analyst
08641	Vandyke Ethel L	Payroll Supv.
0921	Tybus Catherine E	Clerk-Typist
123	Owen Angela M	System Operator
24213	Williams Scott MNM	Firefighter
2632	Threlloff Douglas L	Biologist
3115	Weyh Darwin C	Computer Scientist
3158	Stanford James A	Computer Clerk
3355	Buzby Edward J	Mechanical Engr.
3431	Cox Mary K	Clerk
3512	Watson Jeffrey B	Physicist
36221	Kuehl Bryan L	Electronics Engr
3915	Finch Raymond P	Computer Scientist
3925	Weis Michael J	Electronics Tech
3957	Hoppe Duane M	Electronics Tech
64231	Tate John B JR	Electronics Engr



ISSCO GRAPHICS SOFTWARE

11 and 12 April, Thursday and Friday, 0900-1600, Michelson Laboratory Auditorium (Room 1000D). By: Steve Williams, ISSCO.

Manuals are available from Gwen Williamson, ext 2519 or 2347.

Prerequisite: VAX password and log-on procedure. No programming knowledge is required.

Intended Audience: People interested in making charts and graphs (bar charts, pie charts, and line charts).

Scope: You will learn to use Tellagrap and Cuechart software to generate charts and graphs. Data connection software is used to manipulate files; Tellagrap then uses these files to generate charts or graphs.

Deadline: 27 March.

To enroll in this class contact E. Nash, ext. 3421, or H. Lindblom, ext. 3563.

INTERPERSONAL COMMUNICATIONS

7 and 8 March, Thursday and Friday, 0800-1600, Training Center. By: Dot Landis.

Scope: This course is designed to teach you communication skills that you can use in a wide variety of situations. Consideration is given to problems in communication that decrease your job effectiveness and satisfaction. You will have opportunities to practice skills and to work on real situations in your job.

Deadline: Call ext. 2686 no later than Tuesday, 5 March.

ASSERTION TRAINING FOR SECRETARIES

27-29 March, Wednesday-Friday, 0800-1700, Cerro Coso City Center, Room 7. By: Cerro Coso Staff.

Scope: Training in positive communication skills with emphasis on assertive behavior that allows you to respect your own rights and the rights of others. Topics include myths that block assertiveness, methods of communication, making agreements, constructive use of energy, protective techniques, and definitions of passive, aggressive, and assertive behavior.

Deadline: 13 March.

STRESS: SOURCES, MANAGEMENT, PREVENTION

12 April, Friday, 0800-1700, Cerro Coso City Center, Room 9. By: Cerro Coso Staff.

Scope: In this course you should learn to control your own level of tension in spite of external pressures, to increase your skills to be able to deal effectively with stress in the business world, and to better your productivity and satisfaction. Topics include skill building and practical information rather than theories about stress; stress, business, and you; stress reduction training; methods of reducing family stress; overcoming the stress of purposelessness and uncertainty; training in on-the-spot adjustment of stress level; training in handling others; tactics against insomnia; and converting worry into productive problem solving.

Deadline: 22 March.

FUNDAMENTALS OF ELECTRONIC TEST EQUIPMENT

20 March-24 April, Wednesday, 0730-1130, Calibration Laboratory, Bldg. 1027. By: Stan Anderson.

Scope: Consists of about a half-hour lecture on the operation, function, and application of various types of general use type laboratory test equipment, including but not limited to, oscilloscopes, signal generators, frequency counters, multimeters, and transistor curve tracers. The remainder of the time will be actual hands on laboratory exercises. Some electronic background and basic mathematics are desirable. You should bring a hand calculator.

Note: Restricted to 12 students.

Deadline: 15 March.