Rockerer



GETTING READY - New members of the Desert Pearsall, bass clarinet; and Debra Veit, flute. The Community Orchestra practice for the free pops con- music for this occasion is provided by a grant from cert at the Center theater on Saturday, Oct. 5, at 7:30 the Music Performance Trust Funds, a public service p.m. New members and the instruments they play in- organization created and financed by the Recording clude Erica Brott, French horn; Eric Burdick, French Industries under agreements with the American Fedhorn; Scott Lang, viola; Matthew Guest, viola; Bill eration of Musicians. A picnic is planned to precede Morrell, trumpet; Gregory Jones, saxophone; Mary the concert.

- Photo by PH2 Rick Moore

21-24.

teers immediately

NEX News...

Volunteers welcome

at information class

Joyce Dinnage, Executive Director, Long

Beach, Naval Relief Society Auxiliary, will

be visiting the China Lake branch October

scheduled by NRS



are now being organized by the Maturango call 446-2549. Museum on Oct. 5, 6, 19, 20, and Nov. 2, 3, 16, and 17, weather and road conditions permitting.

Telephone reservations will be taken for members only. These can be made by telephoning 446-6900. Non-members may call and request registration forms or can go the museum office on weekdays between 3 a.m. and noon or 2 to 5 p.m. to sign regis-Iration forms. Tours are free to members. but non-members must pay \$5 to take part. +++

Chapter 446 of the Experimental Aircraft Association will hold a meeting at 7:30 p.m.

on Wednesday, Oct. 2, at the Ridgecrest Branch of the Kern County Library (131 E. ext. 2422 or Polly Ferraro at NWC ext. 3913. Las Flores Ave., Ridgecrest). A video film on the Prescott pusher air-

craft will be shown.

Anyone who has any questions about the +++

The Commissioned Officers' Mess is open



		I CdA	
Max.	Min.	wind	
85	50	16 knots	
92	48	14 knots	
93	51	12 knots	
96	53	10 knots	
99	56	15 knots	
98	57	18 knots	
97	56	20 knots	
nents are n	hade at .	Armitage	
	85 92 93 96 99 98 97	85 50 92 48 93 51 96 53 99 56 98 57 97 56	Max. Min. wind 85 50 16 knots 92 48 14 knots 93 51 12 knots 96 53 10 knots 99 56 15 knots 98 57 18 knots

Fall tours to Little Petroglyph Canyon children under 12. For more information,

The Recreational Services Department Children's School Age Center has openings in the after-school program. Care is pro- ances, some dependent benefits, interviewvided before and after kindergarten, with ing, and office procedures will be discusstransportation furnished to and from ed Richmond, Groves, and Vieweg Schools.

An afternoon of arts and crafts, games, 9 a.m. to 1 p.m., at the Navy Relief Office and story time is planned each day by qualified staff, and a nutritious snack is served mid-afternoon.

The weekly fee is \$24.25 for military dependents, and \$26.50 for civilians.

More information can be obtained by telephoning either Eileen Connelly at NWC

Members of the Catholic Congregation of the All Faith Chapel invite everyone to attend the annual chapel picnic sponsored by organization or the meeting is encouraged that group on Saturday, Oct. 5, from 4 to 8 to telephone Steve Rainey at NWC ext. 4352. p.m. The picnic will be held on the grounds of the chapel.

A \$2 ticket for each adult and a \$1 ticket on Monday, Oct. 7. for Sunday Brunch from 9:30 a.m. to 1 p.m. The menu varies from week to week, with The menu varies from week to week, with the price being \$4.95 for adults and \$3.50 for hot dogs with all the trimmings, potato china and crystal. salad and other refreshments appropriate Oct. 1 through 16. at picnics.

Activities include volleyball and other supervised games for the youngsters.

Tickets can be purchased after Sunday Mass and, during the week, can be purchased in the chapel office.

Monday night football

Members and guests are invited to view Monday Night Football on the large screen in the Barefoot Bar at the Commissioned Officers' Mess. For the entire season, the bar will be open on Mondays from 4 to 10 p.m.

September 27, 1985

Kern County fair opens; activities. exhibits for all ages

There'll be big doings at the Kern County Fair Grounds (at Ming Road and old Highway 99) in Bakersfield throughout this weekend, next week, and the following weekend. The Kern County Fair opened midweek and will be on through Sunday, Oct. 6. Admission is \$4 for adults, \$1 for those aged 6 through 12, and youngsters under the age of 6 get in free.

Hours for the activities are from 3 p.m. through 11 tonight, from noon until 11 p.m. Saturdays, and noon to 10 p.m. Sundays, Monday through Thursday, the fair is open from 3 to 10 p.m.

Naturally, there'll be extensive exhibits of small and large domestic animals as well as a petting zoo. Agricultural exhibits include produce and farm equipment, and what would a fair be without the extensive home economics exhibit of canning, baking, and handiwork?

Special events include a rodeo tonight and tomorrow (starting at 7:30 both evenings), jazz and country western bands and singers, puppets, cooking demonstrations, and an assortment of entertainment from a chicken beauty contest to a chili cook-off.

For the hungry, there'll be 114 different kinds of food ranging from cotton candy to pickled tongue and lamb dip. The pickled tongue and lamb dip form part of the ethnic foods served - these by the Basque community. A lot of ethnic food buffs also look forward to the wide range of Mexican foods as well as the standard items found at most fairs such as hamburgers and fries.

And the midway will offer all the attractions of a carnival, including a wide range of rides.

CPO, EM notes

Members and guests are invited to an evening out for a dinner special of prime rib at the Chief Petty Officers' Club tonight. Dinner will be served from 6 to 9 p.m. +++.

Members are invited to dance the night away with "Upstage," Wednesday, Oct. 2 at the Enlisted Mess' disco night. Festivities for the evening will begin at 8 and continue until 11:30.

While here, she will instruct a course designed to inform the military community 1.0112 about the numerous programs offered by the local NRS branch. Navy Relief policy, volunteerism, budgeting, pay and allow-FRIDAY, SATURDAY, MONDAY SEPT. 27, 28, 30 "E.T. THE EXTRA-TERRESTRIAL" Peter Covote and Dee Wallace The course will be offered October 21-24, (Fantasy/Adventure, Rated PG, 115 min.) (Matinee on the 28) located at 1811 Lauritsen. Spouses, retirees, SATURDAY, SUNDAY SEPT. 28, 29 "COCOON" active duty personnel and civilians are all Starring welcome. The local branch needs volun-Don Ameche and Wilford McGovern (Adventure/Drama, Rated PG-13, 117 min.) VEDNESDAY Participants in the course are not obliged "SILENT MADNESS" to volunteer. But those who do will be Starring Belinda Montgomery and Viveca Lindfors heartily welcomed to carry on the tradition (Horror-Drama, Rated R, 93 min.) of "the Navy and Marine Corps take care of FRIDAY Starring Cynthia Dale and Richard Rebiere (Musical-Drama, Rated R. 90 min.) The NEX Optical Shop will be closed tarting Times: Matinee / 2:00 pm Evening / 7:00 pm Box Office Opens: Matinee / 1:30 pm Evening / 6:30 starting tomorrow, Sept. 28, and will reopen ng / 6:30 p (G) ALL AGES ADMITTED Using a layaway plan, take advantage of ieneral Audience PG) ALL AGES ADMITTED 00 Parental Guidance Suggeste (R) RESTRICTED Under 17 Requires A Parent or Adult Gua Fisher-Price toys will be on sale from A U.S. Govern ment Printing Office 1985 - 20022 FROM: PLACE HERE TO: .

Retirements

Marion K. Mitchell, Code 6422; hired at NWC Oct. 26, 1977; estimated date of retirement, Oct. 1, 1985.

Former NWC employee sentenced for travel claim fraud

Magistrate's Court in Fresno for defrauding the government on travel claims.

Judge Alan D. Christensen ordered the ex-China Lake employee to repay \$4,767.46 fraudulently claimed for motel bills and maid service, to pay a \$1,000 fine plus a \$25 fee assessment, and placed him on probation for 6 months.

In addition to the restitution ordered by

any part of a day's travel claim is such as the one listed by him. fraudulent, the entire day's per diem and expenses are forfeit.

To ensure repayment, his retirement fund has been frozen. The Center's Internal Review group reg-

ularly audits travel claims. When the motel included falsified receipts from more than

On Friday, Sept. 20, a former NWC the court, the Navy is billing the former was contacted on Dec. 12, 1984, with regard employee was sentenced in the U.S. employee for \$12,391.40 covering claims for to an illegible portion of the receipt turned vicinity mileage, meals and other expen- in, motel personnel informed the Navy that ditures as well as the motel bills and maid the employee had not registered at that service. Navy regulations require that if motel, nor was there even a room number

This information was given to the Naval Investigative Service for further investigation, which revealed that such fraudulent travel claims had appeared to span from April 1981 to November 1984, and that these

When questioned by NIS in January, he admitted that he had acquired motel receipts from a desk clerk and had used these to falsify claims for motel stays when he had actually stayed in his own camper. He resigned on Feb. 1, was indicted on May 2, and pleaded nolo contendere to charges in court.

The former employee has been on board since 1974, and was a supervisory program manager at the time of his resignation.



Expertise of IWV SAR team called on by many groups

From night tracking and desert rescue to provides a base of operations. underground mine rescue work, members Allen stressed the all-terrain capability of

Team is one of only a few rescue units to be the only such team in California. Ron Smith is the team captain.

Working closely with the Kern County to find tracks after dark. Sheriff's Department, the IWV SAR Team is frequently called out to assist law enpersons, to recover contraband from underground locations or to rescue individuals who have fallen into one of the dot the desert and surrounding mountains. All team members are, in fact, special deputies for the Kern County Sheriff's Department.

Roughly 30-strong at this time, the IWV SAR Team also works with NWC's SAR helo frequently and cooperates with other SAR teams throughout Kern County and the state.

Among the assignments they have been handed was the rescue attempt in the Acton mine last year where the team was in charge of underground operations.

Louie Allen, United Way representative for the team, notes they can be called out by the sheriff's department or the Naval Weapons Center. He said the team receives a great deal of support from NWC, which

of the Indian Wells Valley Search and the team. They have more than a dozen Rescue Team (IWV SAR) are capable of four-wheel-drive vehicles, including an old search and rescue work in all types of ter- ambulance converted to their principal equipment truck and a snow cat to get them A United Way agency, the IWV SAR into places no wheeled vehicle could go.

The team is also highly experienced at certified by both state and federal gov- tracking victims through the desert. Allen ernments for mine rescue. In fact, this is said some of the best trackng is done at night. With portable lighting and a concentration on a smaller area it is often easier

Team members are all volunteers. They are attracted by word-of-mouth through forcement officers searching for missing other team members and all new members must be sponsored by someone already on the team. Allen notes they usually have a waiting list to fill any vacancies on the 30thousands of abandoned mine shafts that person unit. They also must meet physical and background requirements.

Equipped with their own mine hoist. self-contained breathing apparatus that allows them about two hours underground and extensive training, the team not only serves Kern County, but is called on by other counties in the state and backs up mine rescue crews in Nevada, Arizona and Utah

Each volunteer keeps a backpack fully equiped for a three-day stay at all times. They never know where or when the need for their special talents will arise next.

The IWV SAR Team was formed in 1963 to meet a need for a surface SAR crew in Eastern Kern County. In 1966 members began training for mine rescue and started (Continued on Page 3)



PROCEEDING WITH CARE - Jim Crow keeps a careful eye on Charley Rogers as Rogers checks to see if descent into a vertical shaft of a Randsburg Wash mine is safe. The descent was made during the Center's mineral survey.

Tom Hamilton wins TD award for advancing missile development

Technical leadership on ACIMD and "Today the ACIMD/AAAM technology AAAM Programs brought recognition to Tom Hamilton in the shape of the NWC Technical Director's Award for outstanding technical accomplishment.

"The people in Code 39 you work with are unanimous in saying you earned this," said Burrell Hays, NWC Technical Director, as he presented the certificate, stipend and engraved paperweight that make up this prestigious technical award.

Hamilton's role in planning, preparation and implementation of the technical elements of the Advanced Common Intercept Missile Demonstration/Advanced Air-to-Air Missile (ACIMD/AAAM) programs has advanced the small diameter integral rocket ramjet missile development such that it is now accepted by industry as the most promising candidate for a follow-on to the AIM-54C Phoenix.

D. G. Bullard, head, Weapons Department, in nominating Hamilton for this award wrote, "Tom's performance as ACIMD System Engineer was responsible ership is credited as a prime factor in movfor leading the NWC technical team in ing the Advanced Intercept Air-to-Missile solving what seemed to be insoluable problems.

represents the most promising solution for the OAB threat for the mid-1990s. That technology is here in large part due to Tom Hamilton's technical guidance.

Hamilton is credited with working with Fleet operators and the intelligence community on identifying the limitations of the present outer air battle system and leading formulation of the unique AIAAM concept.

The citation accompanying the award said, in part, "Your endless energy, managerial talent, engineering expertise and devotion to duty have brought recognition to the Center as well.'

Surprised by the presentation, Hamilton told Hays and Capt. K. A. Dickerson, NWC Commander, that words of praise were, "due more to my colleagues than to my work.'

Hamilton has worked on development of an advanced long-range intercept missile since his return from the Naval Post Graduate School in Monterey in 1977. His lead-(AAIAAM, now AAAM) into concept development.



TD AWARD WINNER - Tom Hamilton (left) is congratulated by Burrel Hays, NWC Technical Director (right) and Capt. K. A. Dickerson, NWC Commander, after receiving the Technical Director's Award for his work on ACIMD/AAAM programs at China Lake. - Photo by Clare Grounds





COMMUNION SERVICE (Monday) 11:35 a.m. DAILY MASS (Tuesday through Friday) 11:35 a.m. CONFESSIONS (Friday) 4:30-5:00 p.m. RELIGIOUS EDUCATION CLASSES (Sunday) Sept. to May 10:30 a.m. **JEWISH** WEEKLY SERVICES (Friday, East Wing) 7:30 p.m. ADULT EDUCATION (Saturday, Annex 4) 9a.m. RELIGIOUS SCHOOL (Sunday, Annex 95) 9a.m. Chaplain J. Milton Collins, Capt., CHC, USN Chaplain A. J. Smith, Cdr., CHC, USN Chaplain Jason E. Knott, LCdr., CHC, USN Phone, NWC ext. 3506, 3507

Employee in the Spotlight

Sheila Lloyd feels secretary an essential job

Sheila Lloyd, who has been the department secretary for Code 64 since 1979. She became the first secretary for what was then the Parachute Systems Department as its move to China Lake from El Centro began, and has remained in that position through its establishment here and the ex- Engineering Department at the Pacific gardener. "I'm a real sports nut, too," she pansion of its mission as it became the Aerosystems Department.

Secretaries are a dime-a-dozen, she comments, but good secretaries are hard to find. "If I've got a mission," she adds, "it's to see sccretaries get paid for what they are worth to an organization."

Much of her satisfaction as a secretary comes from meeting the public, from feeling that she is part of a team effort, from contributing to the function of a large organization

Ms. Lloyd says that a lot of the satisfaction that she has felt in her current job has been due to the unwavering support of her good place to raise her three children, department head, Curt Bryan, and his wife Gretchen. "They've been wonderful mentors." she notes.

been supportive of my trying new opera- Department on board. tions," she says. For instance, Code 64 was

that had arisen.

She says that she's really going to miss such a close working relationship when she Missile Test Center, Point Mugu, Calif.

Lloyd says, "and I think that it's time that I at halftime. try something new."

Born in Cleveland, Ohio, she moved to 16 "It's scary to move to a new place by different locations during the 10 years that myself," Ms. Lloyd says, "but I think that she was a military wife. Her husband, I'm ready for the personal growth that it'll then, accepted a job at China Lake as an bring. Thanks to the Support and enengineer and they arrived in the Indian couragement from family and friends I'm iliaries assist with Children's Home Society Wells Valley on July 14, 1969. "My biggest sure that I'll find it interesting." reaction was 'We're going to live here?" She chuckles.

Ms. Lloyd says that she's met an awful lot of good people here, and has found it a Michael Byrne, now 24 and working at Comarco; Kathleen 23, who works for private industry in San Diego; and Leslie, "He's enabled me to branch out and has 20, who works for the Electronic Warfare

She began work in 1972 as a branch secone of the first departments to have a sec- retary for Fran LaPierre in the Telemetry retarial retreat co-sponsored by the Branch in the Engineering Department, Employee Assistance Program and the and worked in the Ordnance Systems Personnel Department. During this retreat, Department, and the Fuze and Sensors



September 27, 1985

Lower blood cholesterol reduces risk of heart attacks, disease

Institutes of Health reports, "It has been dairy products, egg yolks and other foods established beyond a reasonable doubt that lowering elevated blood cholesterol levels will reduce the risk of heart attack caused by coronary heart disease."

According to the American Heart Association (AHA), more than 50 percent of American adults have cholesterol levels above 200, a level at which the risk of heart disease begins to rise sharply.

serum cholesterol levels higher than 260 milligrams per deciliter of blood.

Cholesterol is a soft, fat-like substance found among the fats in the bloodstream. Those fats are called lipids, and a high level of lipids in the blood is called hyperlipidemia.

Hyperlipidemia can affect your heart in this way. Cholesterol and other lipids build up the lining of blood vessels like rust in water pipes. Over time those vessels can of special services close. When this narrowing of blood vessels, called atherosclerosis, occurs in the vessels that supply blood to the heart muscle, the result can be severe chest pain and eventually a heart attack.

The body gets cholesterol from two sources. Each day the liver produces about 1.000 milligrams of cholesterol, which is needed to produce certain hormones and to construct cells. The remaining cholesterol in the body comes from food sources. Dietary cholesterol is the cholesterol about which people should be concerned.

Through prudent eating habits people can usually reduce blood cholesterol in a safe, practical and effective manner. Reducing

"I'm proud to be a secretary," says Ms. Lloyd taught policies and procedures, Department before accepting the depart-

As well as working, she has been spenleaves the Center in October to accept a job ding off-duty time as a cosmetic consultant as department secretary in the Design and a color analyst, and is an avid adds, saying that her friends know how not "I've spent 16 years on the desert," Ms. to phone her during a football game except

A study recently released by the National the intake of high-fat meats, whole-milk high in saturated fat and cholesterol is helpful, along with eating more poultry, fish, fresh fruits and vegetables, grains and cereals, and low-fat dairy products. If diet changes alone won't reduce a person's blood cholesterol, his or her doctor may prescribe one of the medications available to help keep it within a recommended range.

How do you find out what your Approximately 27 million adults have cholesterol level is? Your doctor can measure the amount of cholesterol in your blood with a simple test. The AHA recommends that, ideally, everyone should have a cholesterol level test done by age 30 and repeated every five years thereafter.

- By American Heart Association

Children's Home Soc. provides wide range

The multi-service program of the Children's Home Society of California is based on the conviction that every child has a right to a secure home, loving parents, the opportunity for healthy development.

A substantial portion of funding for Children's Home Society operations comes from donations made to the United Way: the Children's Home Society in Bakersfield is a member agency of the United Way of Indian Wells Valley.

This non-profit, voluntary children's service agency has programs including expectant parent counseling, adoption (both intercountry and domestic), foster family home care, and public education.

Most of the educational meetings (held monthly) are in Bakersfield. Films are available free from the Bakersfield office for showing to schools or organizations. and the group worked on various problems ment-level job in what was then Parachute Films include an Academy-Award winning film about teen-age fathers, as well as "I'm 17 - and Pregnant" and other films dealing with communications and peer pressure.

> Girls or women who are pregnant and concerned about the pregnancy are encouraged to telephone the Children's Home Society's Bakersfield Office at (805) 324-5436 to talk with a social worker. Counseling is free. Families wishing to adopt a child can also telephone the agency for assistance.

As well as the professional personnel based in Bakersfield, volunteers in auxprograms



PROUD OF JOB - Sheila Lloyd says that while secretaries are a dime-a-dozen, good secretaries are very rare, and to be a good secretary Photo by PH2 Rick Moore is to be in a proud profession.

September 27, 1985

Rocketeer



United States Marine Band — October 22, 1985

Few seats left to be sold for upcoming IWV concert season

Only about 100 seats remain to be sold for pear in concert on Thursday, Feb. 27. the 1985-86 season of concerts sponsored by Music played is primarily from the 18th the Indian Wells Valley Concert Associa- century, and is played on instruments and

The majority of seats for the six-concert The Cambridge Buskers, a zany and virmanager.

members of the IWV Concert Association cordian. began in mid-August, and season tickets Final concert of the year on Monday, weeks before the first concert.

375-5600 at any time. An answering struments. machine will take the caller's name and Several of the performances are supbe handled entirely by telephone if desired. are priced at \$23 and \$19 for seats in the next morning. side sections located toward the rear of the Center theater. Already sold out are reserved seats in section A, which are priced at \$27. These charges represent a 40 percent saving when compared with the cost of single admission tickets for the six

concerts. Reduced price tickets (40 percent off the regular cost) can be reserved by those under 21 years of age, enlisted military personnel and senior citizens over the age of 65.

The new season begins on Tuesday, Oct. 22, with the stirring music of the United States Marine Band, under the direction of Col. John Bourgeois. Back by popular demand, the band plays a broad selection of classics, traditional songs and marches by Sousa and others.

On Monday, Dec. 2, Panayis Lyras, a pianist who was a silver medalist in the Van Cliburn Piano Competition in 1981, will play. He has performed extensively on the Arts Cable network, and his recordings have been highly praised by critics.

The Western Opera Theater will present Mozart's opera "Don Giovanni" on Wed., Jan. 15. The opera will be staged in English with two-piano accompaniment. The group is well known in the local community since it performed locally in 1976 and 1983.

Twenty-five musicians comprising the Philharmonia Baroque Orchestra will ap-

with performance practices of that period.

series have already been reserved by con- tuosic pair of street musicians from tinuing subscribers, according to Carl England, will present comedy and music on Helmick, the association's business Tuesday, Mar. 18. Their comedy will be accompanied by renditions on various The selection of reserved seats by new flutes, recorders, whistles and a small ac-

will be mailed to all paid members two Apr. 28, will be by Trio Candide, playing a violin, cello and piano. The three artists Arrangements to purchase tickets for the will present some of the world's finest new season can be made by telephoning music written for that combination of in-

message if no one is in when the call is ported in part by funds from the California placed. Visa and MasterCard orders may Arts Council. In each instance, a student performance is also planned either for the Tickets for the season of six programs day of the evening performance or for the



Cambridge Buskers — March 18, 1986



"Don Giovanni" (Western Opera Theater) — January 15, 1986

6 Rockereer



NFL BOUND? NWC Blue team members try to hang ing. Games were scheduled Tuesday, Wednesday and onto the ball to get into a scoring position in their Thursday evening. NWC Blue won this particular Commander's Club flag football game Tuesday even- game.

Photo by PH2 Rick Moore

Scorpions Under-19 lose tough match with Cosmos

The Scorpions Soccer Club Under-19 squad dropped a tough match to the first place San Bernardino Cosmos 2-0 in San Bernardino on last Saturday.

For Scorpions, it was the best they have played this season, though not yet up to their potential. Cosmos went to their full first team players for the first time ever against Scorpions. The Ridgecrest Club has always been considered a sure win for Cosmos, and top stars were always released for the day.

During the past winter, the Cosmos, playing as the San Gorgonio High School team, advanced to the quarterfinals of the big school 4A playoffs. Their ace (almost a one-man gang) Timmy Franklin, made the all-CIF first team in 4A division.

On Saturday, it was Franklin, in the intense heat and smog of San Berdoo, who shot down the improving Scorpions.

At the 35-minute mark of the first half, Cosmos finally broke in front when Franklin beat 2 Scorpion defenders down the right side through the "D". He pulled the ball back off the endline past Scorpion goalkeeper Jason Cherry, and Cosmos Shawn Karns just barely beat Scorpion fullback J.P. Placencia to toe the ball over

Riders in benefit bike ride can win variety of prizes

Sponsor sheets for the 12th Annual Million Dollar Bike Ride Against Diabetes are now available from various local mer-their lives with the special fishing season at chants. Those participating in the event Lake Crowley, located about 21/2 hours have the opportunity to walk away with a drive north of China Lake just off Highway variety of prizes including a 1985 Chrysler 395. LeBaron and a Sony 19-inch color television.

From 9 a.m. to 5 p.m. on Oct. 6, participants can pedal for diabetes, raising money through sponsor pledges for each mile ridden, to support American Diabetes Association's programs, research, and education and community services.

Riders may ride as many miles as they wish by repeating the circuit. Sponsor sheets are available from McDonald's, Fin -n-Fur, Baskin Robbins, John's Pizza, St. Anne's, Gateway Market, and Steve's Mini can be kept and the rest must be released Market.

Total miles for the circuit is seven miles, UNFIT FASHIONS with checkpoints at McDonald's and on the Never wear rubberized suits when exercorner of Richmond and Blandy. These will cising. They keep perspiration from be staffed by trained volunteers. Anyone evaporating properly and can cause body Hub Zimmerman for a 602 series. Individinterested in volunteering for the day can temperature to reach dangerously high ual high game honors were garnered by telephone 377-4297.

the goal line.

Scorpions picked up constantly as the game wore on, and almost dominated the early part of the 2nd half. But it was Franklin again at 68 minutes (23 minutes Franklin received the ball angling across midfield and had to be picked by Scorpion sweeper Neil Johnson. Franklin pushed to the left side across the 18 yard line, and fired a shot which Cherry in the Scorpions goal seemed to have saved sensationally, but the shot hit another Cosmos player in the back and deflected into the far side of the goal to ensure the Cosmos' win. The Scorpions' downfall was again the finishing of good midfield buildups unhappily common in young USA players). Cosmos outshot Scorpions only 18-14 during the game. There figures now to be some shakeup in the team alignment for tomorrow's crucial match against Redlands. Much more control, inventiveness and agressiveness has to be evident in order to beat the team now tied with Scorpions for 2nd place.

Redlands features another sure CIF first-teamer in Hector Uribe. Kickoff tomorrow is at 3 p.m. The game is at Murray Junior High School. In the preliminary at 1 p.m. the Scorpions Under-16 team hosts Grand Terrace (also at Murray).

Barbless fly season at Crowley success

Skilled fishermen are having the time of

The angling is limited to barbless lures, with minimum keeper size 18 inches, and a limit of two fish per day per angler.

Fishing is best shortly before sun-up, and within an hour of sundown (either way). Streamer flies are proving most effective. Department of Fish and Game officials report that a good angler can catch (and release) from one to two dozen fish all over 21 inches in length on an average day they just remind those fishing that only two unharmed

levels.

September 27, 1985

Owens Valley north to Bridgeport has many hungry trout

Anglers heading north to take advantage of the fishing from the Owens Valley to Bridgeport are having a wonderful time. Fishing is excellent at all the lakes, mainly from the shore, with a lot of limits of pan-sized fish caught.

The fish are biting on flies, marshmallows, Velveeta cheese, night crawlers, woolly worms and crickets, and the rainbows and browns in the June Lake loop are also going for red salmon eggs.

Lake Diaz will be stocked during the month of October, but has not been stocked recently; fishing, therefore, is not good at this time.

The lower Owens River is fair to good with crickets but the river is still running high. Those who like stream fishing should check out Rush Creek (by the June Lake loop) with nightcrawlers and woolly worms.

Upper Twin Lake at Bridgeport has closed for the season, but fishing is very good for pan sized browns and rainbows at both Lower Twin Lake and at the Bridgeport Reservoir. Fishing in both of these is very good from shore with cheese and nightcrawlers.



Salton Sea fishery exceptional; into the final period) who broke the game. 4 species of sport fish abound

"Fast action" is a term often used by There are eight marinas with boat launproduced by the Department of Fish and the Sea's 95-mile shoreline. Game on the Sea's sport fishery confirms Boat fishermen caught an average of 1.95 what is generally known by southland an- fish per hour, jetty anglers took 1.98 fish glers - if you want to catch a lot of fish, the per hour, and 1.01 fish per hour were taken Salton Sea is the place to go.

Glenn Black, DFG fishery biologist for Winners of the best-month-to-fish-thethe Salton Sea, says a creel census in- Salton-Sea award were June and July. dicates that from October 1982 through Black says 87% of all the corvina were September 1983 the Sea's angler success taken from March through July; 80% of the rate was 1.46 fish per hour for all four croaker were caught from March through sportfish species

Isabella, a popular warmwater fishing res- July, October and November. ervoir, reported 1.22 fish per hour taken and a favorite bass fishing lake in San series of fish transplants from Mexico Diego, San Vicente Lake, reported a suc- waters was completed. cess rate of 0.92 in 1951

success rate for private boat ocean anglers orangemouth corvina. in Southern California waters is 0.46 fish per hour.

ocated on the Riverside-Imperial county line, the Salton Sea has four species of sportsfish: tilapia, bairdiella (croaker), as X-9 season opens sargo and orangemouth corvina.

Elks move into lead in Premier League Monday nite bowling

Hot and heavy action at Hall Memorial Lanes during the Premier Scratch League bowling Monday night resulted in Elks Lodge team moving into first place.

The Elks Lodge team rolled over the Cal Gas by 14 to 6. Buggy Bath lost 9 to 11 to Thrifty Drug, the Hideaway beat The Place 12 to 8, and Modern Trophy walked over Oly 18 to 2.

Team high game was rolled by Modern Trophy (798), and that team also took team high series with 2,289.

On individual honors, Pat Nalley rolled a triple 200 series of 210, 205, and 211 for a 626 total, and series recognition also went to Allen Smith with a 224.

anglers to describe Salton Sea fishing, and ching facilities available, several fishing a recently completed informational bulletin jetties and numerous access points along

from shore during the year-long census.

July; and 64% of all tilapia taken during In contrast, Black points out that Lake the creel census were caught during June,

The Salton Sea has been totally self-susduring their last year-long census in 1966, taining since 1956, the year the last in a

The only limit on the four sportfish at the Black's research indicates the average Salton Sea is a bag limit of nine

Both hunters, deer in plentiful supply

Deer season opened in the X-9 area last weekend and flocks of hunters appeared to take advantage of opening day shooting. Lots of deer were seen, according to Department of Fish and Game officials, and many hunters got their deer during the weekend

The biggest deer taken weighed in excess of 190 pounds. Several large deer were taken. Most deer appeared to be in good condition

Hunters were not necessarily in as good condition as the deer. On the opening weekend 50 citations were written. These included 13 for hunting in the wrong zone; loaded guns, 10; tag violation, 11; spike bucks, 12; doe, 1; no license, 1; trespass, 1; and taking deer in a closed area, 1.

Blue grouse season is also open now through Oct. 15. These birds are at the 8- to 10,000 foot level of the mountains and hunting them calls for a lot of hiking.

Lots of quail and chukkar are being seen. Game hunters looking forward to getting these birds will have to wait for Oct. 19.

September 27, 1985



QUESTION

Civilian employee - The Public Works Department has undergone a reorganizational change and several positions have been advertised in the Rocketeer, i.e., 269 Division Head and 263A Associate Division Head. These positions were advertised with a promotion potential to a DP-4 level; however, these positions were filled without the use of a selection panel, nor do I believe that the Form 171s were rated or personal interviews given. According to Demo Project guidelines, is this a proper method of selection for such important positions. Also there has been a shuffling of different personnel into branch head positions without possible regard to those persons being the best qualified. Again, is this according to Demo Project guidelines?

ANSWER

Although features of the Demonstration Project simplify and improve many aspects of personnel management, Demo itself does not include any modification of Merit Promotion principles.

Our Merit Promotion Plan is set out in NAVWPNCEN Instruction 12340.1F, dated Nov. 6, 1980. It describes the procedures to be followed for internal staffing, rather than external recruiting, of vacant positions. It provides several options to selecting officials when filling vacancies.

When a position is advertised for competition the Personnel Department (PMAs) evaluates all applicants against the qualification requirements specified by the Office of Personnel Management for the occupation, and screens out any candidates whose applications do not reflect minimum eligibility. The PMA then ranks the eligibles according to the Job Relevant Criteria published in the ad, and furnishes the selecting official with a list of best qualified individuals. The selecting official is authorized to determine whether or not a panel should be used in the ranking or referral process; whether to interview the eligibles; whether to make a selection based upon review of applications alone; or whether to make no selection at all.

In the cases you mention, all referred eligibles were employed within the organizations in which the vacancies existed. The selecting officials determined that as a result of in-depth knowledge of the candidates, interviews were not appropriate. Selections were made according to the managers' judgment as to who was best qualified for each position.

What you refer to as a shuffling or different personnel into Branch Head position is in reality the exercise of another option for filing vacancies. The Merit Promotion Plan allows for movement via reassignment from one position to another without competition as long as the new job does not have higher promotion potential than the job the person is leaving. This option is commonly used for scientist and engineer positions in the "Reassignment Opportunities" column issued by the Personnel Department.

If you have any further questions regarding the merit promotion process, the Demonostration Project, or employment policies in general, please contact your

QUESTION

Civilian Employee - I was just wondering if it would be more cost effective to allow civilians to refuel their rental cars at the NEX gas station at the government's cost of gas. In the short term it might not be a lot of money, but over the course of a year, it would amount to quite a bit and might be something that should be looked at. ANSWER

Your suggestion to save travel dollars by using the Navy Exchange gas station is appreciated. Unfortunately, according to NEX regulations, only civilians on travel TO China Lake and STAYING AT THE BOQ/BEQ are considered authorized patrons of the Navy Exchange and authorized to purchase gasoline at the Exchange. Other inhibiting factors (if one could get those rules changed) are that credit cards are not allowed and the station has limited operating hours.

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 e inilitary member, civilian employee or dependent. No other identification is neces 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

HELPING SHERIFF - Bob Wilhelm enters a vertical shaft to check for a missing body sought by the Kern County Sheriff's Office. Assisting him are Louie Allen (with back to camera) and Chuck Laboda.

Expertise provided

(Continued from Page 1)

to acquire equipment needed.

outfit each mine rescue volunteer with and McCaa or Drager breathing apparatus, safety gear, uniforms, and more. Special equipment, like the winch, a recharging unit for oxygen bottles, ropes, nets and vehicles, is also an essential part of underground and surface rescue operation.

IWV Search and Rescue Team members have to not only know how to track, get people out of the desert and first aid, they

All personnel asked to complete survey

on child care needs

All military and civilian personnel at China Lake - both NWC and those attached to tenant activities - will receive a questionnaire about child care next week. Everyone is asked to take just a few minutes to fill out the questionnaire and send it back via guard mail, whether or not he or she has children. (This includes all single people.)

This survey is being conducted to help establish Center policy regarding how to meet child care needs. A co-sponsor is the Community Connection for Child Care, a non-profit organization funded by the government.

A concern is that the Recreational Services Department has 106 individuals on a waiting list for their children to be admitted to the Child Care Center. The waiting list has reached 113 in May of this year, even though the total number of children cared for has risen from 100 to 200 between 1976 and 1985

John Shoaf, head of the Recreational Services Department, asks that everyone complete the survey and return it via guard mail by Oct. 11. Once the data is gathered results will be published in the Rocketeer.

Anyone with questions about the survey is asked to contact Paul Colter, NWC ext.

need to know mountain climbing rope techniques for getting into and out of ver-It takes several thousand dollars to fully. tical mine shafts and getting to victims stranded in deep ravines or pits. Many team members worked in last year's flooding in Onyx. Ridgecrest and Cantill to rescue people. They also operate radio direction finding devices as they assist sheriff's deputies seek downed aircraft.

> Fully trained, including first aid (two are EMTs), IVW SAR Team members are expected to cover a wide area in all sorts of terrain and weather. They call on specialized equipment, help from other agencies and, most of all, their skills that come with years of experience and constant training to do a difficult job.

When the call for help comes, they are ready!

Special requirements for timecards due to end of fiscal '85

All personnel who are responsible for the submission of time cards are reminded that due to the closing of fiscal year 1985, it will be necessary for month-end timecards dated September 30 to be turned in to Payroll Office by 4:30 p.m. on Monday, September 30. These time cards may be picked up when turning in time cards on Friday, Sept. 27.

This is necessary in order to meet the required deadlines for the fiscal year-end. No time cards are to be held out, since failure to provide the Payroll Office with an accurate time card by the Sept. 30 deadline may result in a delay in pay as well as incomplete data for year-end.

Time cards for the balance of the week ending October 5 will be available for pickup on Sept. 30. Please submit the October 5 time cards by 8:30 a.m. Friday, October 4, citing the appropriate FY 1986 jo orders.

Thank you for your assistance in this matter

Upland game hunt at NWC cancelled

Capt. K. A. Dickerson, NWC Commander, announced that hunting for upland game on the Center's northern ranges will not be approved for the 1985 hunting season. This closure was prompted by guidelines recently issued by the Chief of Naval Operations tightening security throughout the Navy.

The feasibility of future hunts on the Naval Weapons Center is currently under review and will be announced at a later date.

> NWC HOTLINE Integrity, efficiency program Call: NWC ext. 3636 (24 hrs.) or call the Inspector General at: (800)522-3451 (toll free) 288-6743 (Autovon) (202)433-6743 (commercial)

Mountain Rescue Group looks for hikers

come, and the other did not.

The Inyo County Sheriff alerted the local Mt. Whitney as planned. By the time the taineer's route. local group reached Lone Pine airport at 1:45 that afternoon, one party had walked out so searchers headed off to the mountain for the other pair of missing persons.

Mike Renta and Tom Sakai went up the main trail in case the lost hikers came down that way, while Mike Mason and another team moved to the north fork drainage.

Members of the China Lake Mountain Major John Boyd, USMC, with crew Rescue Group took part in two searches members AOAN Jerry Smith, AE2 Barry recently - one of which had a happy out- Beavers and HM3 June Childers. They were joined by Bart Hine of CLMRG in reconnoitering the north drainage and the group at 11 a.m. Monday to say that two east face of the mountain and checking the parties of hikers had failed to return from main climbing routes such as the moun-

> By 3:45 p.m., CLMRG personnel were notified by Forest Service personnel that the missing hikers had been found and were walking out under their own power.

Other CLMRG personnel taking part in the search included Bob Huey, team leader: Al Green; Loren Castro; and Larry Seibold

The other search ended with the finding Assisting the team was the Search and of the body of a missing hiker, Benjamin Rescue helicopter from NWC, piloted by King, 56, an attorney who had climbed in

the Himalayas and Andes and had written a book about climbing. He had gone for a short conditioning hike

by himself in the San Gabriel Mountains (trying to recover from a knee injury in preparation for a trip to China). When he did not return, the Sierra Madre Search and Rescue Group and more than six other groups from throughout the area were called in to try to locate him.

Taking part in the search, which centered at Mount Wilson Road and Angeles Crest Highway 2, were Mike Renta, Mike Mason, Tom Sakai, Loren Castro, Ken Amster, Andrew Mitchell, Dan Harris and Paul Deruider from CLMRG.

A team from San Dimas located the body of the missing man, which was flown out by helicopter. A coroner's report subsequently stated that he had died of a heart attack.

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Vertical flight dream of aviation pioneers

brilliant minds like Leonardo de Vinci and Jules Verne were trying to develop flying machines that could go straight up or straight down, fly forward or backwards, fly sideways or hover motionless in one spot.

From the XOP-1 autogyro first flown off the U.S.S. Langley by Lt. A.M. Pride in 1931 to the Convair XFY-1 Pogo VTOL and from Ryan's X-13 Vertijet to the modern AV-8B, vertical flight has been a vital part of Naval aviation.

Helicopters began as toys, pull-string tops in the 14th Century, and remained that until pioneer designers like France's Louis Breguet and the Russian-born Igor Sikorsky transformed helicopters into what today are versatile flying machines, suited for war or peace and capable of performing tasks beyond the reach of fixed-wing aircraft.

"The way to fly is straight up," said a pioneer aircraft designer. It wasn't until the 1950s and the Korean War that helicopters were really accepted by the aviation community, but that was still a long way off when the first known successful helicopter flight was made by C.H. Ellehammer, a Danish engineer.

As late as 1923, the world's cross-country helicopter record was less than half a mile.

Sikorsky is credited with being the driving force behind U.S. helicopter development since the start of World War II. Even before the U.S. was involved in the war, into remote areas and conduct anti-sub-

Even before man could fly, those with totype of the modern helicopter, the VS-300. It was his machine, with a single main lifting rotor and a small verticle one at the tail that has been used on nearly 90 percent



of all helicopters developed since 193 Gaining little publicity at the time, more than 400 helicopters based on Sikorsky's VS-300 saw action in World War II.

But it was Korea and the need to rapidly evacuate wounded, move heavy equipment Sikorsky had designed and built the pro- marine patrols that brought "whirlybirds"

into aviation's mainstream.

Marines developed "hit and git" tactics during the war with rocket-firing Marine teams airlifted by a Sikorsky helicopter to a firing site, launching several salvos from rocket launchers, then being airlifted by the choppers to a new firing site before the enemy was able to pinpoint their launching

The S-56 was capable of carrying 36 fully equipped Marines and the famous S-58 conducted anti-submarine patrols. But it was the medi-evac or rescue helicopters that had the biggest impact, whisking away more than 10,000 wounded men for rapid medical treatment. The ungainly looking machines routinely performed miracles in evacuating wounded, spotting for artillery fire, making emergency supply flights and much more

During the Vietnam War helicopters were used for ground support, medi-evac, supply line interdiction, transporting supplies and a variety of other tasks. Helicopter gunships, heavily armed and quick to respond to a call for help came into their own during the long conflict in Vietnam. Air-sea rescue work by chopper crews proved to be another vital role for



whirleybirds in combat zones.

Today's AV-8B, a newer, improved version of the British Harrier jump jet made famous in the short Falkland conflict, is the successor to VTOL and STOL aircraft first conceived in the 1950s.

Rvan's X-13 Vertijet was first flown in 1955 at Edwards AFB. Ten years before the Harrier was designed, the X-13 prototype was already flying. The Navy's first VTOL contract to Ryan Aeronautical was in 1947 for \$50 million

During the time Ryan was working with the pure jet X-13 under Navy and Air Force contracts that produced the first plane to fully transition from vertical takeoff to high speed horizontal flight and back to a vertical landing, Convair was developing the XFY-1 turboprop "Pogo" and Lockheed was working on the XFV-1. Both were turboprop-powered with contra-rotating air screws. All were purely research machines and all three programs ended in the late

They helped pave the way for the Harrier and now the improved AV-8B that recently passed a successful OPEVAL with VX-5 at China Lake.

The way to fly is indeed straight up.



Rabies identified in bats, wildlife in Kern County

Rabies has been identified in the wildlife never pick up a dead or sick bat with bare and bat population of Kern County. This in- hands. fectious disease caused by a virus in the The doctor also stressed that anyone bitsaliva of infected animals affects the ner- ten by an animal that could have rabies vous system, including brain and spinal should immediately report the bite to either cord, of animals and man. Once it develops, their own doctor or to the Kern County rabies is always fatal, according to Dr. Health Department, and should seek medi-Leon Hebertson, Kern County Director of cal treatment. The animal should be kept in Public Health Services.

Rabies can be found in all parts of the United States. All warm-blooded animals, including man, are susceptible to rabies, but the disease is found primarily in biting animals such as dogs, skunks, wolves, cats, coyotes and raccoons. Bats, too, have increasingly become transmitters of rabies, and so have farm animals.

Dr. Hebertson advises county residents to be suspicious of bats that appear in daylight hours or any that are found on the ground because they could be dying of rabies and could pass it on to persons or pets coming in contact with them.

He stated that a bat retrieved for testing should be picked up with a shovel or some other tool and placed in a container for transport to the Kern County Health Department Laboratory. People should

case its brain needs to be analyzed for rabies virus. A new, safer, more effective rabies vaccine is now available.

Further information about rabies or rabid animals can be obtained from the Kern County Health Department, 1700 Flower Street, Bakersfield, or by phone at (805) 861-3641

Cancer Society lunch

The Indian Wells Valley Branch of the American Cancer Society invites all interested persons to attend a no-host luncheon at the Two Sisters Restaurant in Inern on Saturday Oct 5 at noon

Those attending the luncheon may order from the menu or help themselves to the buffet. Deadline for reservations, which can be made by telephoning 446-3939, is Oct.

SAR helo makes medevac flight to bring out stricken hiker

hit the trail to the high country last Satur- Onion Valley to pick up a Forest Service day, he had apparently not taken into ac- ranger and talk with Inyo County Sheriff's count the effect of altitude and exercise, and had a heart attack.

The man's companion gave him cardiopulmonary resuscitation before heading back down to the Onion Valley where their vehicle was parked to alert Forest Service personnel of the need for help. A call was placed to NWC's Search and Rescue helicopter crew that a medical evacuation was required.

Lt. Tim Cleary, the duty pilot, was alerted at 1:30 Saturday afternoon, and the helicopter was airborne less than 40 minutes later. He and crewmembers AE3

When a 43-year-old Redondo Beach man Mark Keenan and HM1 Bill Lewis landed at Deputies to determine the location of the stricken hiker.

> The trail was sufficiently narrow where the man was located at 11,200 feet altitude to the helicopter had to make a one-skid landing drop off Petty Officer Lewis and the ranger. They determined the sick man had died.

The helicopter, which had remained hovering in the area, then picked up the men and brought the deceased to the Southern Invo Hospital in Lone Pine before returning to NWC.



A 1984 Suzuki all terrain vehicle that had been stolen from the lemon lot was recovered by Kern County Sheriff's deputies in the China Lake Acres area.

+++ A late report was filed on a grand theft. Electrical tools worth about \$550 were



stolen from the contractor's site at the **Range Control Center**

+++ When a driver eastbound on Coles Flat Road on the North range lost control of his vehicle, the compressor trailer he was towing overturned. Cited as a factor in the accident was that the trailer was heavier than the towing vehicle and that the trailer had no brakes.

+++ Two vehicles eastbound on Blandy

Avenue at Richmond Road collided when one ran into the rear of the other. No damage or injuries resulted. +++

A neighborhood dispute on Sellars Circle last Friday got acrimonious and noisy enough so that police were called to settle the problem.

+++ A vehicle caught fire on Knox Road and Magazine Road. The Fire Division responded and extinguished the blaze. +++

Four hubcaps were removed from a vehicle parked at the lemon lot.



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Moving means new experiences, new opportunities and making new friends. It also means leaving behind familiar surrounddings, fond memories and a peer group.

Each year, about 300,000 military families pack their bags and move on to new duty stations. These families can describe the ups and downs of frequent moves as few civilian families can.

"It's hard to say goodbye to people, places and things that we've grown fond of," explained Fred Rogers, best known for his role in the children's program, 'Mister Rogers' Neighborhood.' "And it can be hard, too, to start a new life in unfamiliar surroundings. Whenever we move away from a place where we've lived for a while, it can feel like we're leaving a little bit of ourselves behind - even if we think the move will bring better opportunities than

we had before."



But psychologists are quick to point out that relocating, along with starting a new job, rates high on the list of life's stresses, almost as high as a death in the family or divorce. Put simply, relocation change, and life change stress - and often distress.

Recognizing the stress this places on families, family service centers are helping them deal with the logistical and emotional difficulties of moving - offering everything from pots and pans to individual and family counseling.

The average person makes about 12 Nearly every family service center PCS. Other centers have set up files about own arrive. Some installations are designating transient quarters where families without assigned quarters waiting for them can stay when they reach their duty

> Alice Ivy Snyder, deputy director of the Navy's largest family service center, in Norfolk, Va., said one of the biggest problems of moving is fear of the unknown. Information, both before and after the move, has become a key in making PCS moves easier.

In addition to presenting newly assigned service families with community directories when they arrive, some family service centers operate hotlines that provide information to service families about to

operates a lending closet where families different duty stations that service can borrow household staples until their members can read to prepare them for their move.

Rocherer

Some centers offer pre-PCS briefings during which military families have an opportunity to learn about the move: how assignments are made in the first place. how moving contractors are selected, packing do's and don'ts.

Fred Rogers pointed out that successful moves require patience and communication. "Like all stressful times, moving can mean a time of special family closeness when family members learn again to trust one another, help one another, and comfort one another. Often that's when people and families grow the most - through times that are hard as well as times that are good."-AFPS.



Women choose military career for different reasons than men

Within the bounds of present law and its ban on women in combat, male and female recruits are offered the same career opportunities in the military, get the same training and hold down the same jobs.

But a recent DOD study shows they probably weighed a whole different set of variables when considering military service in the first place.

The study concluded that a young woman's decision to enter the military may be influenced not only by her own attitudes, perceptions and goals, but also by those of others ... "the values, beliefs, and definitions of role-appropriate behavior prevailing in American society."

Specifically, it shows that the more favorably female service members are perceived by society, the more likely females are to enlist.

Women who said they weren't interested in military service often cited parental disapproval, family responsibilities and pregnancy, and an anticipated dislike of the military. Men, on the other hand, tended to cite the level of military pay as their reason for not enlisting.

The study also points out that potential female recruits are more likely to regard higher education as complementary to military service, while men tend to regard it as an alternative.

"The research findings suggest that women's attitudes toward the military reflect an outlook which is rather different from men's " the study summarized. "Not only are women in the aggregate less interested in military service than men, but those who are interested tend to view the service in a broader context. Their interest in the military is more likely to be limited and qualified by interests in other areas."

The study was conducted at the request of Congress to evaluate young women's attitudes toward enlisting in the military particularly in light of the projected decline in the size of the 17- to 21- year-old male youth population and increases in employment opportunities provided by and improving economy.

According to the study, society's changing attitudes are reflected in the increase of

Change in regs for working uniforms

As of Sept. 16, people wearing aviation working green uniforms are authorized to wear brown shoes and khaki socks. The brown shoes and khaki socks with the aviation working green uniform are optional up until Feb. 28, 1986. On Mar. 1, 1986 they will be required.

active duty females from 42,000 in 1971 to almost 201,000 in 1984. Recent research by the National Opinion Research Center of the University of Chicago confirms that society increasingly accepts female service members, even in traditionally maledominated fields. This study found that:

- Thirty-one percent of Americans questioned felt that there should be more women in the Armed Forces and 53 percent thought that the number was "about right."

- In terms of occupational assignments, the majority of respondents said that, assuming proper training, military women should be assigned to non-traditional as well as traditional military duties. It was found that 84 percent approved assignment of women as military truck mechanics, 73 percent as jet transport pilots, 59 percent as crew members on combat ships, and 35 percent as soldiers in hand-to-hand combat.

- Twenty percent believed that the increase in the number of women had raised the effectiveness of the military: 61 percent felt that it had maintained effectiveness, and fewer than 8 percent believed it had decreased effectiveness.

- More than 50 percent felt that if the men should be drafted.

By Donna Bolinger American Forces Information Service

Servicemen killed by hijackers honored by new scholarship

A scholarship has been started to honor Petty Officer Second Class Robert Dean Stetham, killed by hijackers aboard TWA Flight 847, on June 18, in Beirut, Lebanon.

Ken Bartels, of Tucson, Ariz., a Navy reservist who never met Stetham, has begun raising money for a University of Arizona scholarship. The scholarship is "To terest on all delinquent debts that aren't assist worthy Naval ROTC undergraduate midshipmen who demonstrate academic achievement, leadership potential, assessed against any part of a debt that engineering promise and financial need." according to Bartels.

Stetham, 23, was a Seabee and Navy small way to mitigate his death."

Humphrey, Rm. 109.



HARD WORK RECOGNIZED - For outstanding service as Maintenance Control Chief Petty Officer of NWC, Master Chief Aviation Mechanic Terry D. Burkhart received a Navy Commendation Medal at a recent Quarters Ceremony. In a letter from Adm. James D. Watkins, Chief of Naval Operations, Master Chief Burkhart was commended for inspirational leadership and attention to detail, which assisted NWC in experiencing a 30 percent increase in aircraft availability and a flight hour average increase of 125 hours per month. Adm. Watkins added, "These efforts greatly enhanced the Center's mission of RDT&E."

- More than 50 percent felt that if the draft were reinstated, women as well as CHAMPUS gets tough on collecting unpaid debts

CHAMPUS program officials, along with statutes authorize the services, on behalf of taking a "get tough" attitude toward the or annuity checks collection of money that is paid in error to service family members, military retirees and health care providers.

A recent law, Debt Collection Act of 1982, strengthened the government's ability to collect unpaid debts. Before the new law, federal agencies could do little to force a debtor to pay without taking him or her to court.

Agencies are now required to collect inpaid within a specified time, and penalty charges and administrative fees are remains unpaid after a specified deadline.

The law now allows the federal government to disclose delinquent account in-Diver who specialized in underwater con- formation to consumer reporting agencies. struction. Bartels said, "The Seabees are Such disclosures could hamper a person's really a close-knit group within the Navy. ability to obtain credit in the future. When a After hearing what happened and thinking debtor refuses to pay, the government can about it. I thought this would attempt in a refer the debt to a collection agency, or it can collect the amount of debt from any Contributions can be sent to the fund in money owed to the debtor by the federal care of the University of Arizona Scholar- government, such as salary or retired pay. ship Development Office, 1027 E. Second This means that, when overpayments are St., Tucson, Ariz. 85721, Attention J. J. owed and not repaid by active duty or retired military members, military pay

other federal government agencies, are CHAMPUS, to withhold the funds from pay

Since last October, the legal office at CHAMPUS headquarters has been sending out revised collection letters, informing debtors of their rights and of the steps the government might take in order to collect the money owed. Beginning in this fall the new letters will also be sent by CHAMPUS claims processors. This will enable CHAMPUS to reach more people sooner. and is expected to result in the collection of more funds owed to the program.

Dependent hours at **Branch Dental Clinic** altered as of Oct. 2

The China Lake Branch Dental Clinic is revising its appointment hours for dependents. Dependents desiring to make an appointment for routine dental care may now call between the hours of 9 and 10 a.m. on Mondays, Wednesdays, and Fridays. These will be the only times appointments will be accepted commencing Wednesday, October 2.

Personnel development opportunities

SOFTWARE DEVELOPMENT PROCESS

10 and 11 October, Thursday and Friday, 0800-1600, Cerro Coso City Center, Room 107. By: Jim Dorrell, Code 3907.

Scope: Topics include software acquisition management; software life cycle; software development plan; software test methods; software reviews and audits; software documentation; MIL-STD 1679 and 2167: PPS, PDS, IDS, DBD, PDD, test specifications, test procedures, and program package; MIL-STD 483; MIL-STD 490. Deadline: ASAP

OUALITY ASSURANCE

18 October, Friday, 0800-1600, Chart Room, Commissioned Officers' Mess. By: Rick Joyal, Code 3682.

Scope: Topics include definitions, quality documents, how ASPR VII and XIV relate to quality

Long-term graduate training

Applications for long-term graduate level training (training off-Center for a period of 120 consecutive days or longer) for 1986-87 are invited from interested NWC employees.

To be eligible for long-term training, an individual must have been employed at NWC three years at the time studies begin.

Long-term training may be considered to meet any of the following objectives: (1) To update an employee's knowledge where there has been an appreciable lapse of time since the initial academic preparation for employment and subsequent in-service training.

(2) To provide a technically oriented employee with tools of management when job responsibilities have or will become predominantly managerial in nature.

(3) To expand an employee's knowledge and background within his or her occupational specialty, whether he or she occupies a technical or nontechnical position, by providing an opportunity to learn about significant developments or breakthroughs as they pertain to the mission of the Center.

(4) To acquire knowledge of some aspects of another occupation as they relate to an employee's present occupation where responsibilities tend to be interdisciplinary or multidisciplinary in nature.

(5) To provide for educational opportunities stressing motivational and human relations factors that contribute to effective technical and managerial competence.

Graduate programs are supported by NWC. The Long Term Training Committee (LTT) will consider applications in any area of study that relate directly to NWC program requirements. The primary criteria the LTT follows in determining when long-term training is used in lieu of after-hours, part-time, or shortterm programs are as follows:

(1) The new knowledge and skills required of the employee, either in present or planned career assignments, necessitates a comprehensive, concentrated program of study.

(2) The time span for acquisition of new skills and knowledge is such that an accelerated study program of long-term, full-time duration is required.

(3) It is determined that the academic superiority of the institution selected is such that it is clearly in the best interest of the government that the employee attend the selected educational institution.

(4) There is no educational institution or academic program in the local or community area for part-time or after-hours training.

Navy Civilian Personnel Command funds are available to cover the trainee's travel allowances to and from the school, tuition and fees required for enrollment, and payment for moving his or her immediate family and household goods to the school and back to the Center. NWC will be responsible for the trainee's salary.

Requests for extensions for fellowships that have previously been approved will be considered by the Long Term Training Committee. All personnel should include in their extension request a record of the grades received to date, future ed courses both during the approved period and the period requested in the extension. An alternative course of action (LWOP, on-Center work, reapplying at a later date) should be provided in the event that the extension is not approved. All extension requests require a department endorsement (either positive or negative) in order to be considered by the Long Term Training Committee.

The following areas of critical need have been established by Center management. Particular interest this year exists in the areas of RF Technology and Computer Software Engineering. Other critical areas are: Computer Science (in a specialization other than that offered at NWC); Electrical Engineering (particularly software, facilities, electronic design, semi-conductors, systems); Mechanical Engineering (analytical mechanics); Aeronautical Engineering; Chemical Engineering; Chemistry; Physics (particularly microwave, optical science, semi-conductors); Applied Mathematics; and Economics/Financial Analysis/Cost Accounting with ADP background.

Further details of the long-term training program are provided in NAVWPNCEN INST 12410.5L of 30 Sep 1982, and Long-Term Training Handbook. Both sources are available from department offices or from the Training Center. The long-term training application process has been streamlined since issuance of the handbook, so applicants are advised to contact Code 01A2 (NWC ext. 3793, Bldg. 5, Rm. 20102) for application forms. The deadline for submission of applications for programs commencing in the spring semester or winter-spring quarter of 1986-87 is 1 October 1985.

Counseling regarding the various programs and on application procedures is available from Code 094, Nancy Saxton, and Code 01A2, Fred Bien or Tina Deal. For additional help or information, contact Fred Bien or Tina Deal by calling NWC ext. 3793.

documents, quality system management for weapons systems production programs, overall organization and organization for quality, program management, production text and inspection planning, documentation monitoring system, integrated data system, configuration management system. Deadline: 4 October.

CAREER EXPANSION WORKSHOP FOR CLERICAL PERSONNEL (28 hours)

8, 10, 15, 17 October, 0800-1200, Cerro Coso Community College. By: Mourton and Counseling Staff.

Upon completion of this course, participants should be able to: recognize and use personal motivations; recognize, understand, and build upon personal strengths; and develop a career planning process.

Scope: The workshop is conducted using the following assumptions: career development is primarily an individual responsibility. Building from an individual's strengths lessens career risk. Motivations can be changed. Career planning is a continuing process. Multiple careers help keep career options open.

Deadline: 1 October.

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

External degree program for undergraduates

While most Center personnel have long educational benefits is to determine a realized that it is possible to obtain gradu- career goal. Help in making such a decision ate degrees through NWC-sponsored long can be obtained through workshops offered term training and external degree pro- by the Training Center, through informagrams, many have not been aware they tion found in the Training Center Library. also would be able to work towards an through courses offered on PLATO, films undergraduate degree through Navy spon- and videos that can be checked out from sorship

The Center will pay tuition for job-related degree requirements. These courses are Center. offered through a variety of programs: on campus classes at Cerro Coso Community career to pursue, generally taking lower College, correspondence courses through division classes at Cerro Coso Community the University of California, PLATO (com- College is the next step. puter-aided instruction), and upper division courses taught through long term training classes that are related to an individual's at various colleges and universities in the current job, providing a Form DD1556 is nation.

Soldering class set Oct. 20-21 for

A "40 hour High-Reliability Soldering" course will be offered October 20-21, 7:30 a.m. to 4:30 p.m., in Building 00459, dorm 10. The course is for government personnel requiring certification to WS-6536 as inspectors or operators.

Requirements for the course are: 1) previous soldering experience and, 2) an eve examination.

For further information conctact Ray Stewart of the Soldering Technology Branch, Code 36814, NWC ext. 2720 or 2678.

Videotape course on financial management available for use

"Financial Management for Non-Financial Personnel" is now available on 34 inch videotape. The program runs a total of 3 hours 32 minutes, and comes with a set of the accompanying handouts.

This tape set is available through the NWC ext. 2349 or Tina Deal, ext. 3793. Learning Center for use in the Learning Center or by work groups at their pamphlet entitled "Getting Ahead! NWC worksites. Arrangements to use the tape Undergraduate Academic Planning Handcan be made by telephoning NWC ext. 2451. book" is available from Code'094.

the Photo Lab Services Branch, (Code 3451, ext. 1106), and from individual educational counseling available through the Cerro courses that can also be used to meet Coso Community College Counseling

Once a person decides which academic

NWC will pay tuition for Cerro Coso submitted in advance. The individual student must pay all other expenses such as The first step in taking advantage of such transportation, books and supplies. Cerro Coso Community College offers Associate in Arts or Associate in Sciences degrees in 14 different fields. It is not necessary, however, to complete and take upper division courses. College credit is also possible through correspondence courses; catalgues government personnel can be found in the Training Center by telephoning NWC ext. 2648. Some PLATO courses also offer credit. A list of PLATO courses can be obtained through Belle Hervey, NWC ext. 2451.

Two external upper division degree programs are ongoing at NWC, with a third one planned for the near future. An external degree program leading to a bachelor's degree in computer science is offered locally through Cal State Chico; another in business administration through Cal State Bakersfield. The program now being planned will lead to a bachelor of science degree in electrical engineering through Cal-State Northridge. Classes for these external degree programs are taught at NWC. Those who wish to enroll should get in touch with either Steve Lee or Cecil Webb at NWC ext. 2648 for further information.

In some fields that are critical for the Center and not available through local programs, off-Center fellowships leading to a bachelor's degree are also possible. For more information contact Nancy Saxton,

If you would like more information, a





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

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

No. 08-051, Management Assistant, GS-344-6/7, Code 0821 - This position is in the Records Management Branch, Management Division, Central Staff. This branch is responsible for the management and operation of the directives, forms, files, and reports management programs; and is responsible for the operation and imgram. The incumbent will be the Correspondent Management Program Representative. The incumbent will be responsiare in conformance with Navy standards; ensure that the necessity of the creation of gram. Promotion potential to DP-3. correspondence is economical and effi- No. 08-053, Program Analyst, DA-345-1, and NWC correspondence standards and ity to organize and plan programs; ability

requirements; ability to interpret regulations and standards of GSA, SECNAV, DNL, OPNAV, and NWC. Promotion potential to GS-7. Status eligibles may apply.

No. 08-050, Management Analyst, DA/ DP-343-3, Code 0825 - Position is located in the Central Staff, Management Division, Plans & Programs Branch. The branch plementation of the correspondence pro- programs include all Navy Manpower programs such as NAVMEPS, CA, ER, Internal Controls and SHORTSTAMPS; performs internal organizational and efficienble for ensuring that Center cor- cy studies and reviews for NWC functions; respondence is in compliance with Navy provides advice and consultation of impact, regulations and requirements; will work implementation and proposed policies imclosely with departments in this area; will pacting manpower programs. Job Eleconduct meetings and training cor- ments: Ability to communicate effectively respondence sessions and maintain per- with individuals at all organizational levels sonal contact with personnel at all levels to on and off-Center both orally and written: accomplish correspondence management ability to lead and coordinate complex objectives. The incumbent will conduct study efforts; knowledge of Navy Mansurveys to ensure that the quality, format, power programs, NWC financial manageand editorial correctness of correspondence ment systems, NWC planning systems; and familiarity with the NWC technical pro-

cient: provide guidance to departments, Code 08606 - This position is located in the directorates, and Command regarding Accounting Division, Central Staff. The in-Navy correspondence standards and re- cumbent will be a Program Analyst for the quirements; make recommendations for STAFS Supply and Financial Inventory improvement; ensure proper signature Subsystems at NWC. The position will be as authority as delegated by Command; and an analyst for STAFS review, implementainterpret regulations and standards of GSA, tion and operation. The incumbent will SECNAV, OPNAV, CNR, and NWC. Job assist in determining input/output re-Elements: Ability to work well with others; quirements and system interface requireability to work under pressure; ability to ments. Job Elements: Knowledge of the communicate effectively both orally and in current NWC financial system and STAFS, writing; ability to use tact and diplomacy especially cost accounting operations and in dealing with both on and off-Center per- procedures; knowledge of NWC Organizasonnel; ability to work independently with tional Structure, NWC administrative minimal supervision. Knowledge of Navy policies, procedures, and regulations; abilto gather and analyze financial data; ability to interface with employees at all levels, both internal and external to the Center, Status applicants may apply.

No. 08-052, Accounting Technician, GS-525-4, Code 08621 - This position is located in the Cost Accounting Branch of the Accounting Division. Incumbent will serve as an Accounting Technician in the control and maintenance of Cost Accounting Records and subsidiary ledgers for the Commercial Orders Section. Duties include the review of incoming Purchase Orders and Amendments for accuracy and completeness; reconciling subsidiary ledger accounts; extracting necessary information from source documents, collating data and preparing forms to enter data into an automated system; auditing computer outputs for accuracy; validating historical costs and transactions; and researching aged financial information to clear accounts. Incumbent has extensive contact with NWC project, budget, and supply personnel and provides information on various vendor inquiries. Job Elements: Knowledge of Integrated Disbursing and Accounting System; knowledge of Document Entry System; knowledge of double-entry accounting principles and the NWC accounting system; knowledge of NAVCOMPT regulations. Ability to work accurately with figures; ability to meet financial work deadlines; ability to deal effectively with people. Promotion potential to GS-5.

No. 08-054, Computer Specialist, DS-334-1, Code 0882 - This incumbent provides computer programming, systems analysis, graphics design, and data base management services in support of the Central Computing Facility (CCF). Work involves the use of Sperry 1100/80, DEC VAX, and Xerox Star equipment. The incumbent interacts with CCF customers regarding customer accounts as well as technical matters. Job Elements: Knowledge of Executive Control Language for Sperry OS-1100 and DEC VAX/VMS; of System 2000 and Ingres data base management systems; of DISSPLA and TELL-A-GRAF graphics systems; of MASS-11 word processing system; and of both demand terminal usage and batch job procedures for the CCF computer systems. Ability to design software routines for a variety of applications; to analyze software design requirements for specific assigned tasks; to query various data bases (e.g. computer utilization and accounting data bases for CCF operated computers); to present data in graphic and/or tabular form; to be a resource person for the MASS-11 word processing system; and to interact with people in a positive manner. Promotion potential to DS-3.

No. 09-060. Employee Relations Coordinator. Provides assistance and adretirement, and performance appraisal/ assessment. Elements: Knowledge: of presentations. Potential to DA-3.

tronics/Electrical Engineer or Physicist). DP-855/850/1310-2/3, Code 1422 - The prime function of this position will be to prime function of this position as a Network technically supervise and design, Project Engineer will be to analyze user documentation, fabrication, testing and requirements, plan, design, specify and in- maintenance of F-18 WSSF hardware tegrate baseband and broadband Local systems. This hardware includes both Area Networks (LANs) as part of the In- digital and analog subsystems that are to tegrated Communications System. the be developed WSSF workstations. The in-IEEE 802 series protocols will be used. The cumbent will be required to conduct hardincumbent will also analyze technology ware design reviews with Center and con-

isting and planned corporate NWC networks. Extensive training will be provided for specialized network design skills. KSAs: Knowledge of computer to computer networks; protocol standards such as IEEE 862., X.25, and the ISO Reference Model; communication topologies such as Token Passing, Star Ring, etc.; baseband and braodband transmission technniques. Ability to plan and implement a project; coordinate task with users under pressure and to adjust program changes; communicate well, both orally and in writing. Status eligibles may apply. Promotion potential to DP-3, however it is not guaran-

No. BO-8547, Bowling Center Manager, UA-1101-6, \$16,040 per annum, Code 2226 -Incumbent supervises a staff of 7 employees. Coordinates scheduling of all bowling center activities. Supervises maintenance of pinspotters, lanes and all collateral equipment. Operates the bowling center pro shop. Recommends hiring of personnel. Trains personnel in the operation of bowling center equipment and all phases of bowling center management. Conducts bowling clinics and training sessions. Responsible for all matters relating to publicity and customer relations. Makes daily checks on receipts and disbursements. Performs other duties as assigned. Qualification Requirements: Incumbent must have a high school diploma in addition to at least two years experience in the management and maintenance of a bowling center. This is not a Civil Service position.

No. 26-196, Metal Work Foreman, WS-3801-10, Temporary NTE one year, Code 26411 — Supplemental required. First full supervisory level. Plans sequence of operations and work steps of employees supervised. The functions of this section is to layout, fabricate, assemble, install, and repair various types of sheetmetal structural equipment. Elements: Ability to supervise; to interpret instructions, specification, etc. Knowledge of technical practices, materials and pertinent tools and equipment; interest in and support of the EEO program. May become permanent.

No. 26-197, Maintenance Foreman, WS-4701-10, Temporary NTE one year, Code 26421 - Supplemental required. First full supervisory level. Plans sequence of operations and work steps of employees supervised. Must have a working knowledge of a variety of trades. Elements: Ability to supervise; to interpret instructions, specification, etc. Knowledge of technical practices, materials and pertinent tools and equipment; interest in and support of the EEO program. May become permanent.

No. 31-198, Interdisciplinary Supervisor Specialist, DA-230-1/2/3, Code 091 - In- Physicist/Electronics Engineer, DP-1310/ cumbent acts as the Center's Incentive 855-3, Code 31142 - This position is the head Awards Administrator and Privacy Act of the Hardware Systems Development Section which is located in the F-18 Facility vice to Center management and employees Branch, Avionic Facilities Division of the in the areas of health and life insurance, Aircraft Weapons Integration Department. The F-18 Facility Branch provides the simulation/integration test environment personnel policies and procedures. Ability: and workstations for the development, test, to plan, implement, and maintain pro- validation, verification and modification of grams; to deal with all levels of the NWC operational flight programs exercised in organization; to make oral and written the tactical computers of the F/A-18 aircraft. The incumbent will be responsible to the Branch Head for the planning, No. 14-016, Interdisciplinary (Elec- development and implementation of F-18 WSSF hardware and avionic systems. The trends for LAN systems as it relates to ex- tract personnel. Job Relevant Criteria:

Engineers and Technicians; to plan, schedule, and coordinate work as a part of ware design, documentation and maintenance standards and practices; skill in Fletcher digital design techniques is highly desireable; Knowledge of avionic vide clerical, typing and receptionist sup- strumentation; improvement and of affirmative action principles including a systems and digital design; willingness to port to the personnel of the Optical support NWC EEO policies and goals. Promotion ptoential is DP-3. Status eligibles may apply. Previous applicants need not reapply.

856-3, Code 3143 — This position is in the preparation, and make travel arrange-Test and Evaluation Engineering Section of the System Evaluation Branch, System Integration and Evaluation Division, Aircraft to type, to organize and carry out a variety Weapons Integration Department. The incumbent will provide Flight Test Engineer test and evaluation engineering analysis of proposed A-6E flight test programs. Duties will include analysis of proposed A-6E system design; assessment of design implementation with respect to system performance and system requirements; for- performs quality assurance planning. mulation of laboratory, ground and flight test requirements, plans and procedures pertinent to A-6E testing at NWC; coordination of schedules and testing operations. Elements: Knowledge: of electronics vant Criteria: Ability to communicate, both and computer system as they apply to orally and in writing; knowledge of ordsystems avionics and weapons testing and nance shipping procedures. Status eligibles operations. Knowledge of NWC test range operations/instrumentation. Ability: to work simultaneously on multiple and deverse assignments, to work effectively with others. Promotion potential DP-3.

No. 36-310, Supervisory Planner and Estimator, WN-4701-7, Code 3648 - This position is Branch Head, Model Shop Support Branch. This position is responsible for technical and administrative management vehicles; ability to identify safety hazards: of a model shop support operation that Ability to meet and deal effectively with provides several different areas of service others. for five shops in dispursed locations. Operations include prototype hardware planning and estimating for the shop branches as well as estimating work going out to contract, material ordering and control operations, tool crib operations, and Center-wide machine tool maintenance upkeep and repair program. Job Elements: Ability to manage a diversified model shop support operation; to assess day-to-day operations; to conduct cost reduction studies and short-and-long range planning relative to equipment, facilities, and personnel requirements; to manage through subordinate supervisors and leaders; to communicate both orally and in writing; knowledge of shop operations and process specifications including welding, heat treat, and metal finishing, willingness to support center and federal EEO policies. No promotion potential.

No. 36-312, Program Analyst, DA-345-1/ 2/3, Code 3657 - This position is that of Program Analyst for the Computer Aided Engineering Service Center. The incumbent provides administrative support to the service center and is responsible for financial planning/management, equipment ment, facilities planning, and procurement. Job Elements: Ability to exercise fiscal controls under NIF system; ability to initiate and monitor contracts/ procurements; ability to handle varied administrative and management problems. The position can be considered a training position for the right applicant. Promotion notential to DA-3

No. 36-311, Computer Scientist, DP-1550-1, Code 36573. Detail NTE One Year - In- cants will be rated on the following (1) cumbent will perform software engineering including design and development of software programs. Job Elements: Knowledge of Fortran, Pascal, Ada, VAX, VMS, and in the trade; (3) Ability to read, interpret CAD/CAM; Ability to perform inquiries in- and apply the instructions; specification/ to basic data to discover new fundamental blueprints; (4) Ability to use measuring inrelationships; Skill in communicating technical information to a variety of personnel. No promotion potential.

No. 36-309, Clerk Typist, GS-322-4, Code 3665 - Incumbent provides support to the the trade. Environmental Engineering Branch. Duties consist of typing official letters, fice files; performing timekeeping duties, 801/855/830/1520-3/4, Code 623 - This posi-

to a multi-disciplined group of Electronic travel, etc. Elements: Knowledge: of office sion of the Range Department. Incumbent bench-level shop facilities for photo-optical procedures and process. Ability: to type on will manage and direct all the ad- equipment and machining of developmen-IBM Mag Card or other automatic type- ministrative and technical efforts of the tal instrumentation components. Knowla major project; skill in formalized hard- writer. Status eligibles may apply. Promo- division, including operations of optical edge of technical areas of specialization; tion potential to GS-4.

8539052. Code 3943 - Incumbent will pro- ment and installation of improved in- to manage an organization and knowledge Signatures Branch, Incumbent will perform these duties utilizing word processing equipment. Incumbent will also perform mail handling, filing, duplication, prepara-No. 31-220. Electronics Technician, DP- tion of time cards and other Navy form ments. Ability: to communicate effectively, to deal tactfully with all levels of personnel, of duties with considerable flexibility. Promotion potential GS-4.

> No. 61-106, Quality Assurance Specialist, DS-1910-1, Code 6141 - This position is located in the Magazine Branch, Ordnance Division, Aircraft Department. Incumbent receipt, inspection, storage/segregation compatibility control, preshipment inspection, document control, submit waiver request, and discrepancy reports. Job Relemay apply, promotion potential is to DS-2. No. 61-100, Warehouse Worker, WG-6907-5/7, Code 614 — This position is located in the Aircraft Department, Ordnance Division. The incumbent will perform duties involving the receiving, shipping storing, issuing, and transporting of ammunition/explosives and components. Job Relevant Criteria: Knowledge of ordnance items; ability to operate trucks and special

> No. 62-066, Electronics Technician, DT-856-2/3, Code 62118 - This position is located in the Instrumentation Support Section, Ballistics Test Branch, Ordnance T&E Division of the Range Department. The Instrumentation Support Section is responsible for the operation and maintenance of several complex data acquisition centers and related test bay operations to support both strategic and tactical rocket test firings. Job Relevant Criteria: Knowledge of instrumentation, analog and digital data acquisition; knowledge of experimental test procedures; knowledge of electronic equipment operations, modification and design. Ability to use wide variety of test equipment and hardware. Ability to work alone and as a team member. Both indoor and outdoor work will be required.

No. 622-030, Ordnance Mechanic/ Helper/Repair, WG-6641-5/8/10, Code 6222 Supplemental required; multiple vacancies. This position is located in the Operations Section of the Track Operations incumbents' responsibilities are to receive, 171 to B. Mierta, Code 31102, NWC ext. 5219. ship, transport, and store ordnance materials; assist with mechanical modifications, assemblies and installations in support of track operations and tests; handle aspects of ordnance involvement relating to test activities. Job Elements: WG-6641-5 Applicants will be rated on the following: (1) Reliability and dependability (2) Ability to handle weights and loads (3) Ability to follow directions in a shop, (4) Dexterity and safety. WG-6641-8/10 Appli-Knowledge of equipment assembly, installation, and repair, (2) Ability to use, operate and maintain tools and equipment struments in the trade (5) Ability to find trouble, determine methods of repair, and use appropriate tests (6) Ability to perform theoretical, precise, and/or artistic tasks of

No. 62-014, Supervisory Interdisciplinary (General Electronics/Mechanical memoranda and reports; maintaining of- Engineer, Physicist, Mathematician) DP-

systems, telemetry, and range support in- ability to deal effectively with all levels of No. 39-084, Clerk Typist, GS-322-3, PD No. strumentation; planning design, develop- NWC and off-Center management; ability maintenance of real plant property within willingness to implement EEO practices.

Ability to supervise and provide leadership making all arrangements for official tion is Head, Range Instrumentation Divi- the range complex; and operations of

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.

Electronics/General/Mechanical entations and formulate written docu-Engineer/Physicist, DP-861/855/801/830/ 1310-2/3, Code 3143 - (2 Vacancies). The Test and Evaluation Engineering Section of the System Evaluation Branch is responsi- 3151, ext. 3723. ble for providing flight test engineering and airborne instrumentation support for the A-6, A-7, AV-8B and F/A-18 tactical aircraft. As a Flight Test Engineer, the incumbent will perform test and evaluation engineering functions for assigned aircraft flight test programs. Responsibilities of this position include: frequent contact with sponsors, aircrew, contractors, other Navy activities and performing organizations to provide technical information; generation of test requirements, plans and procedures; coordination of schedules and testing. To apply for this position, send a current SF-171 to Gary Bartlett, Code 31431, ext. 5942.

No. 31-207, Interdisciplinary (Physicist, Mathematician, Computer Scientist) DP-1310/1520/1550-2/3, Code 3111 - (Two vacancies), Simulation Software Engineer, Systems Software Engineer. These positions are in the A4/AV-8 Facility Branch, Code 3111. The branch develops, operates maintains the A4/ARBS Weapon and System Support Facility (WSSF) and the AV-8B WSSF consisting of three avionic workstations and a real-time simulation running on several DEC VAX 11/780 computer systems. The Simulation Software Engineer specifies, designs, implements, tests, documents, and maintains real-time simulation software written in Fortran, presents reviews/walkthrus and supervises junior professionals. The Systems Software Engineer specifies designs, implements, tests, documents, and maintain hardware interface software written in Fortran and Macro, presents reviews/walkthrus, directs junior professionals, and assists in VAX system maintenance. To apply for Branch within the Range Department. The these positions, forward an up-to-date SF-

> No. 31-215, Interdisciplinary Electronics Engineer/Physicist, DP-855/1310-2/3, Code 3151. (2 Vacancies) - These positions are in the Laser Systems Branch. The duties cover a variety of tasks relating to laser systems, including systems analysis, operational requirements analysis, hardware design, test and evaluation, and component characterization/specifications. Both laser/electro-optical sources and receivers are used along with several common EO/IR devices. The branch supports laser technology as well as targeting systems developments. Knowledge of lasers, detectors, and optics is desired, but not required. Of more importance is a background in a problem solving science, the ability to learn new technology concepts. and techniques through independent documentation necessary for the developstudy, and the flexibility to do a variety of ment and/or acquisition of the weapon tasks that address laser related topics and system. Incumbent will conduct program technologies. An applicant should be able to status reviews and provide overall work both as a team member and in- management and coordination for the dependently. The ability to function in technical areas which are in times not familiar with the Navy acquisition process,

No. 214, Interdisciplinary, Aerospace/ should also be able to make formal presments. Some travel will be required, and administration of small programs is not unusual. Contact: Wayne Tanaka, Code

> No. 31-216, Interdisciplinary (Electronics Engineer/Aerospace Engineer/Physicist) DP-855/861/1310/-1/2/3, Code 3143 - Four Vacancies — In the Tactical Aircraft WSSA Programs, Incumbent will be responsible for the technical support of tactical aircraft (A-6, A-7, AH-1, AV-8, F/A-18) instrumentation systems. Responsibilities include the design, development, fabrication, integration and test of required instrumentation systems. Position also requires planning and scheduling for long term requirements, coordination and monitoring of contractor efforts as well as the supervision of a diverse group of workers on site (systems engineering). Experience in digital and microprocessor design for aircraft bus data acquisition and recording, telemetry systems and video data collection systems is desirable. To apply, send updated SF-171 to George Cercone, Code 3143, NWC ext.

> No. 31-218, General Engineer, Electronics Engineer, Computer Scientist, Physicist, Mathematician, Aerospace Engineer, Mechanical Engineer, DP-801/855/1550/ 1310/1520/861/830-2/3, Code 31904 - (2 vacancies) This position is located in the Foreign Military Sales Support Activity FMSSA), Aircraft Weapons Integration Department. The FMSSA is responsible for the technical management of weapons system software life-cycle support for Foreign Military Sales (FMS) F/A-18 aircraft. The incumbent will manage a comprehensive support program for an FMS customer. Incumbent will task and coordinate the efforts of various NAVWPNCEN branches, primarily in Code 31, in meeting program requirements defined by the NAVAIR sponsor. The incumbent will remain a close liaison with technical and MS management elements of OPNAV and NAVAIR and will close the FMS customer. To apply for these positions, forward an up-to-date SF-171 to R. Fabiano, Code 31904, NWC ext. 5521.

> No. 32-184, Interdisciplinary General/ Mechanical/Aerospace Engineer/ Physicist, DP-801/830/861/1310-3, Code 3263

- This position is for Program Manager of the Advanced Cluster Weapon Development Program, currently in exploratory development. The incumbent will be responsible for project definition, planning, coordination, and implementation of the development effort. The incumbent will prepare or direct the preparation of program plans, statements of work, task assignments, technical reports and other development team. Incumbent must be well-defined is important. An applicant Center management review, documenta-

terface with all levels of management on the Center as well as program sponsor and various diverse inter-service organizations and contractors. Incumbent must be knowledgeable and experienced in design, test, and evaluation of explosive ordnance materials. Incumbent must be able to work well with others and communicate effectively both orally and in writing. To apply for this position, send a copy of current SF-171 to D. Herigstad, Code 3263, ext. 3736. Previous applicants need not reapply.

No. 33-015, Physicist, DP-1310-2/3, Code 3311 - Position located in the Exploratory Development Branch of the Fuze and Sensors Department. Successful candidate will analyze, design, and participate in testing of new concepts for optical proximity fuzes. Primary activities include analysis of encounter scenario, design of infrared optical systems (collection optics, selection of detector configuration and optical materials), solution of clutter and signal processing problems, construction and testing of breadboard hardware. The branch is involved in a series of new programs attacking low-altitude and reduced cross section fuzing problems. Please send current SF-171 to Barbara Kramer, Code 33012, ext. 3093/3902. Promotion potential to DP-3, but not guaranteed.

No. 33-016, Electronics Engineer, DP-855-2/3, Code 3311 - Position located in the Exploratory Development Branch of the Fuze and Sensors Department. Successful candidate will analyze, design, and test signal processing circuitry for new concepts in optical proximity fuzes. Primary activities include analysis of expected signals and clutter, design of circuits to isolate signals from clutter, circuit breadboard construction and testing. The branch is involved in a series of new programs attacking low-altitude and reduced cross section fuzing problems. It is anticipated that signal processing circuits will be based on high-speed integrated circuits using VHSIC chips, focal-plane arrays, and CCDs/CIDs. Please send current SF-171 to Barbara Kramer, Code 33012, ext. 3093/3902. Promotion potential to DP-3, but not guaranteed.

No. 33-037, Interdisciplinary, Supervisory **General Engineer/Supervisory Electronics** Engineer/Supervisory Mechanical Engineer, DP-801/855/830-3/4, Code 3356 -This position is Head, Explosives Compo-Fuze and Sensors Department. The functions of this branch are: design, fabrication, and testing of all explosive compouse primary explosives. Also responsible conducting explosive interface tests Promotion potential to DP-4, but not guar- tors. anteed. Please send current SF-171 to Nancy Maegaard, Code 33502, ext. 7426.

35-092R. Interdisciplinary (General/Mechanical/Electronics/ Aerospace Engineer, Mathematician, or Physicist), DP-801/830/855/861/1520/1310-2/3. Code 3514 - Incumbent will participate in analysis efforts required for the Skipper II Produce Improvement Program (PIP) and Skipper follow-ons. Duties for the PIP will include modification of the Skipper six degree-of-freedom flight simulation to reflect changes in the airframe configuration and generation of performance characteristics. Pre and post test flight analysis must be performed and documented. Duties for the Skipper follow-ons will require the development of six degree-of-

tion policies/instructions and be able to in- freedom flight simulations. The simulations will be used as analysis tools for weapon development. Desired performance characteristics will be achieved by developing guidance control algorithms and evaluating them using the simulations. Pre and post test flight analysis will be performed and the simulation will be modified to reflect actual test flight data. Applicants must have the ability to communicate effectively orally and in writing, and must be able to work effectively with others. Knowledge of, or a desire to learn, flight mechanics and control theory is necessary. To apply, send an updated SF-171 to John Irving (Code 3514), NWC ext. 3912.

> No. 36-313, Interdisciplinary, General/ Electronics/Industrial Engineer, DP-801/ 856/896-2/3, Code 3622 - This position is Production Engineer in the Systems Electronics Branch. The incumbent will be responsible for providing production support engineering for programs supported by Code 3622. This position requires circuit design and analysis knowledge or abilities on analog and digital circuitry, and the ability to work with government and contractor personnel orally and in writing in order to resolve technical ECPs and D/Ws. Sumbit current SF-171 to Cheryl Preul, Code 36209.

> No. 36-092, Interdisciplinary (Mechanical/Electronics/Aerospace Engineer), DP-830/855/861-3, Code 3908) ---This position is the Sparrow 7M Production Technical Manager. Incumbent acts as technical lead on all topics affecting the Sparrow production contract at Raytheon, leading and directing the efforts of an inhouse production support team. Duties include planning, budgeting, coordinating and monitoring efforts of in-house personnel in a variety of disciplines; identifying and resolving production problems; defining, monitoring and evaluating contractor effort and proposed engineering changes and providing NWC assistance as required. The incumbent interfaces with NWC task managers and works closely with NAVAIR sponsors and contractor representatives. To apply send current SF-171 to A. K. Rogers, Code 3908, ext. 3925.

No. 39-093, Interdisciplinary (General/ Electronics/Mechanical/Aerospace Engineer/Physicist), DP-801/855/830/861/ 1310-2/3, Code 3908 - This position is the Deputy Development Manager for the nents Branch, Electromechanical Division, Sparrow Program Office. The incumbent assists the development manager in overall planning, coordination and management of the Sparrow Product Improvement Pronents used in fuzes, S-A and A-F devices. gram (PIP) and Tail-Control programs. This includes detonators, leads, squibs, Candidates for this position should possess primers, boosters, and other devices that a knowledge of tactical missile development and DOD system acquisition process; for the safety management of operations knowledge of project management and involving sensitive explosive material and missile system engineering; ability to efcomponents. The branch is responsible for fectively interface and communicate orally and in writing with NAVWPNCEN associated with S-A and A-F devices; wil- management, the SYSCOMS, OPNAV, and lingness to support EEO goals and policies. other government activities and contrac-

> No. 39-087, Interdisciplinary (Electronics/Aerospace/Mechanical Engineer, Physicist, Computer Scientist, Mathemat cian) DP-855/861/830/1310/1550/1520-2/3, Code 3911 - This position is in the RF Missile Systems Branch, Code 3911, located in the Weapon Synthesis Division of the Weapons Department. The incumbent will develop weapon system simulations and conduct analysis and evaluation of proposed, developmental, and operational RF guided missiles. Simulations are all digital as well as hardware-in-the-loop (HWIL), and include aerodynamic, propulsion, servo, autopilot, and RF seeker sub-system models. Please send an updated SF-171 to Sue Hucek, Code 391. Promotion potential is to DP-3.

CSUN counselor on board Oct.4

programs offered by the school.

Dr. Jagdish Prabhakar of Cal-State Uni- ternal degree programs in electrical versity Northridge will be on-Center Fri- engineering and mechanical engineering at day, October 4, to advise current and pro- NWC which lead to a master's degree. spective students in the external degree Those who wish to see Dr. Prabhakar are asked to make an appointment by Cal-State University Northridge has ex- telephoning Kit Driscoll at NWC, ext. 2648.

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 acreen and distribute incoming mail: (3) ability to review outgoing correspondence (4) ability to compose correspondence and/or prepare non-technical reports (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) 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 SUP-PLEMENTAL FORM IS REQUIRED AND MAY BE OBTAINED IN ROOM 100 OF THE PERSONNEL BUILDING.

No. 14-164, Secretary (Typing), GS-318-4/5, Code 1412 — Incumbent provides clerical support to the Scientific Software Branch. Promotion potential to GS-5.

No. 31-217, Secretary (Typing), GS-318-4/5, Code 3146 - This position provides secretarial support to the A-6/AH-1 Weapons Integration Branch. Status eligibles may apply. Promotion potential, GS-5. No. 31-219, Secretary (Typing), GS-318-4, Code 3192 - Incumbent provides secretarial support to the A-6E Project Branch.

Promotion potential to GS-5. Status eligibles may apply

No. S-39-077, Secretary (Typing), GS-318-5, Code 3921 — The incumbent provides secretarial support to the Branch Head of the Weapons Control Branch, Code 3921.

No. 64-157, Secretary (Typing), GS-318-7/8, Code 64 - This position provides secretarial support to the Head of the Aerosystems Department, Promotion potential to GS-8. Status eligibles may apply.

NOTICE REGARDING TRAINING CLASS LOCATIONS

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

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

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

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

Recent additions

NAME Claussen, Barbara E. Van Dyke, Ethel L. Fleming, Linda J. Pollack, Emma A. Christman, Dorothy S. Guglielmo, Eugene J. Coleman, Crawley C. Jr. Guglielmo, Nancy E. MacArthur, Melanie G. onnor, Raymond J Weydert, Teresa A. Cobbs, Elizabeth M. Green, Isabelle M. Miller, Robert D. Rounsaville, Mark A. Tsai, Wenchung Quarders, James L. Wilson, Mark R. Barthle, Barbara F. Bunker, Phyllis A. Desanti, Albert J. Ottaviana, Paul S. Thomas Darrell A Claunch, Kenneth E. Barnard, George L. Jr. Young, Michael A.

Budget Analyst Payroll Supervisor Accounting Tech. Accounts Maint, Clerk Clerk-typist **Computer Scientist Computer Scientist** Mathematician Data Transcriber r irefignu Supply Systems Analyst Clerk-typist **Purchasing Agent** Contract Spec. Contract Spec. Electronics Engr. Painter Painter Custodial Work Inspect. Secretary (Typing) Mathematician Machinist Machinist Engrg. Tech. Warehouse Worker Ordnance Equip. Mech.

TITLE

Recent departures

Atteberry, Patricia G. Jackson, Deborah J. Ray, Betty M. Burge, Tarah C. Gardiner, Judy D.

Accounting Tech Clerk-typist **Program Analyst** Clerk-typist Electrical Engr.

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