

POSTER CHILD - Timothy Brown, a second grader at Ridgecrest Christian Fellowship School, is the area MDA poster child. He visited Capt. K. A. Dickerson, NWC Commander (right) with Mike Tosti of Local F-32 of the International Association of Firefighters, an MDA sponsor in the Indian Wells Valley. - Photo by PH2 Rick Moore

### Local firefighters union joins **Muscular Dystrophy Association**

Members of the Local F-32 from the In- the Skipper to throw out the first pitch in cluding those at the China Lake Fire sponsored by the firefighters. Department, have joined the fight against Muscular Dystrophy

Nine-year-old Timothy Brown of Ridgecrest has been chosen the local poster child. He was first diagnosed as having MD in

A. Dickerson, NWC Commander, to invite

### Woman in man's

### world topic of talk

at career women's mtg. Dr. Peggy Rogers will speak on "A Careerwoman in a Man's World" at the April meeting of the East Sierra Careerwomen's Network meeting on Wednesday evening

The open meeting will be held at Le Parc Restaurant in the Heritage Village Inn on North Norma Street, Ridgecrest. The evening will begin with networking at 6 o'clock, to be followed by dinner at 7.

Cost of the dinner is \$10.50 per person. Reservations are required and may be made by mailing a check to ESCN, 429 Tepatitlan Court, Ridgecrest, CA 93555, postmarked no later than today; or may be purchased at the Chamber of Commerce. 303 S. China Lake Boulevard in Ridgecrest.

Dr. Rogers is currently manager of the Advanced Technology and Special Projects Department of Computer Sciences Corporation. She spent 27 years at NWC before her retirement from the Navy, during which time she served as laboratory direct tor and as head of what became the Aircraft Weapons Integration Department.

She is a recipient of the Federal Women's Award - being one of six women selected from all branches of the government in 1976 for this honor. In addition, she received the Navy Distinguished Civilian Service Award and, DOD's higher honor, the Distinguished Civilian Service Award.

Anyone seeking further information should telephone Bonnie Irvine at 446-3105 after 5:30 p.m.

#### Wicker to speak at IEEE meeting Wed.

The Institute of Electrical and Electronics Engineers will hold a luncheon meeting Wednesday at the Commissioned Officers' Mess Chart Room from 11:30 to 12:30. The menu will be a hot buffet or individual orders.

Earl Wicker from the Center's Telephone Office will speak on the New Technology of Digital <sup>17</sup>oice & Data Switches. For more information, contact Harvey Nelson at NWC ext. 3254.

ternational Association of Firefighters, in- slow pitch softball tournaments being

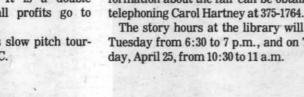
Mike Tosti, tournament director, noted Timothy is a student at Ridgecrest Chris- 27, will be celebrated in Ridgecrest by the tian Fellowship School. His favorite subject is English. Timothy wants to be a policeman when he grows up.

Tosti said area firefighters wanted to The youngster recently met with Capt. K. become involved in the Musuclar Dystrophy Association fund drive and will sponsor the tournaments along with a visit by Rosie Black's "The Queen and Her Court" softball team.

> Friday, April 26, through Sunday, April 28 the firefighters will host a men's slow pitch tourney at NWC. It is a double elimination event and all profits go to

On May 3-5, a women's slow pitch tournament will be held at NWC.







1984-85 concert season of the Indian Wells evening at 7:30 in the Center theater.

This engagement is supported in part with funds provided by the California Arts Council and the National Endowment for the Arts.

The group, formerly known as the Modern Brass Quintet, will present a range music

Among the works to be heard are three preludes by George Gerschwin, some of free student program in the theater at 9:30 Keith Snell's Irish folk songs, and the a.m. on Tuesday. A number of students Overture to "Candide" by Leonard Berns- from local schools will attend, and some tein. Other compositions to be heard in- seating will be available for the general clude Matthew Locke's "Musik for His Ma- public jesty's Sackbutts and Cornetts" and music by Bach, Mozart, Reicha, Heiden and Maurer.

Tickets for the Los Angeles Brass concert may be purchased in Ridgecrest at the Music Man or Medical Arts Pharmacy. Prices are \$6 for general adminission, and \$4 for those under 21 over 65, and full-time for customer service active-duty enlisted personnel.

### Week of Young Child celebration includes fair next Saturday

The Week of the Young Child, April 22 to annual Children's Fair as well as two special story hours held at the Kern County Library conference room.

The Children's Fair will be held on Saturday, April 27, from 10 a.m. until 2 p.m. at Kern Regional Park.

This event, sponsored by the Desert Area Preschool Association, has free activities for children of all ages. Hot dogs and drinks will be sold, and free drawings for Discovery Toys will be held. Further information about the fair can be obtained by

The story hours at the library will be on Tuesday from 6:30 to 7 p.m., and on Thurs-



The Commissioned Officers' Mess is having Membership Night tonight from 6 to 9 p.m. The band, "Maverick & Pearl," will play from 8 to 12. The menu is top sirloin steak and price for members is \$7, price for guests is \$8. Reservations are required.

#### The Chief Petty Officer's Mess is having Military Family Night tomorrow. The menu is "all you can eat" spaghetti or fried chicken and reservations are recommended. On Sunday, military dependents will receive free ice cream from 6 to 8:30 p.m.

Tomorrow evening the Cactus Squares Square Dance Club will hold its Spring Fling dance at the Senior Citizen Center at 120 S. Warner Street in Ridgecrest. The dance

begins at 8 o'clock. Jim Noh will call squares and Chuck Ball will cue rounds. Anyone seeking further information should telephone Rick Kaspar at 375-9329.

+++ Local chess players will have an opportunity to test their skills against a chess master tonight at 6 p.m. at the Senior Citizens' Building, 120 S. Warner in Ridgecrest. National Chess Master Erik Osbun will play all entrants simultaneously. A \$3 board fee will be charged to play Osbun, but students and children can play free. Spectators are welcome.

The exhibition is presented by the Ridgecrest Chess Club, which meets Saturday evenings in the conference room of the public library, 131 E. Las Flores, in Ridgecrest. +++

An organ concert celebrating the 300th birthday of Johann Sebastian Bach, will be given at the All Faith Chapel on Sunday at 4 p.m. The guest organist will be George L. Butterfield, a native of Southern California. Featured in the concert will be such works as "Toccata and Fugue in D Minor," "Fugue in G Major," "Pastorale in F Major," and others.

Butterfield is the organist at Fourth Church of Christ, Scientist of San Diego in La Jolla. He is instructor of organ and piano at North Shores Continuing Education Center, and teaches private students. He is a regular guest performer on the weekly recitals at the Spreckels Organ Pavilion at Balboa Park, San Diego.

Currently he serves as sub-dean of the San Diego Chapter, American Guild of Organists and has been in charge of its placement service since 1980. He was the winner of the organ playing competition sponsored by the San Diego A.G.O. in 1979 and

unable to attend the concert are urged to Valley Concert Association on Monday phone 375-5600 and release their seats for resale. A receipt for tax purposes is available is desired.

> Single event seating is limited. If store tickets are sold out, those willing to wait for seat releases may telephone 375-5600 to be put on a standby list.

Special-event gate passes will be issued of selections from Renaissance to modern at the main gate for concert-goers without NWC stickers on their cars.

The Los Angeles Brass will also present a

The free program is made possible by contributions to IWVCA's Student Education Fund.

### NEX slates sales. opens longer hours

The Navy Exchange will be open from 10

a.m. to 6:30 p.m. on Tuesdays to accommodate late shoppers.

The Navy Exchange is having a Home & Electronics Sale starting tomorrow and ending April 30. Various home articles such as linens and glassware as well as cameras and music systems will be on sale.

In anticipation of the opening of fishing season April 27, the Navy Exchange is having a Fish-O-Rama Sale from today until April 30. Fishing poles, rods and reels as well as coolers and other fishing gear will be on sale.

#### Expanded hours set at Self Help store

The Self Help Store located at the new Housing Office, 515 E. Invokern Road, is now open daily from 7:30 a.m. to 5 p.m. Saturday hours are 10 a.m. to 2 p.m.

Entrance to the Self Help Store is on the south side of the building only.

FRIDAY	APRIL 19
"THE	HOTEL NEW HAMPSHIRE"
lodie	Starring Foster and Beau Bridges
	medy, rated R, 109 min.)
SATURDAY	APRIL 20
1.720.0	"WINDY CITY" Starring
Johr	Shea and Kate Capshaw
(D	rama, rated R, 103 min.)
SUNDAY	APRIL 21
"THE M	AN WHO KNEW TOO MUCH"
lam	Starring les Stewart and Doris Day
	se-Drama, rated PG, 120 min.)
WEDNESDA	Y APRIL 24
"CHA	TTANOOGA CHOO CHOO"
Antonia and	Starring
	Kennedy and Barbara Eden
FRIDAY	medy, rated PG, 102 min.) APRIL 26
PRIDAT	"SUPERGIRL"
	Starring
Fave	Dunaway and Helen Slater
	sy-Drama, rated PG, 105 min.)
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# HISS will extend SNORT recovery speeds

Maximum speed for dual rail sled climbs to 3,000 mph with program

A current NWC-funded program by the Range Department's Track Operations Branch and the Aerosystems Department will increase the maximum test speed from which a dual rail sled on the Center's Supersonic Naval Ordnance Research Track (SNORT) can be recovered, from 2,000 mph to over 3,000 mph.

Since beginning operations in 1953, the 4.1-mile-long SNORT has played a vital role in support of the RDT&E mission of the Naval Weapons Center.

The track, operated by the Track Operations Branch of the Range Department, provides a low-risk, cost-effective means of performing dynamic tests of advanced military hardware under conditions that cannot be duplicated in conventional laboratories, and adds the important feature of test-item recovery. In the more than three decades of SNORT operation, over 600 projects, sponsored by the Navy, Army, Air Force, NASA and contractors, have used the track facilities.

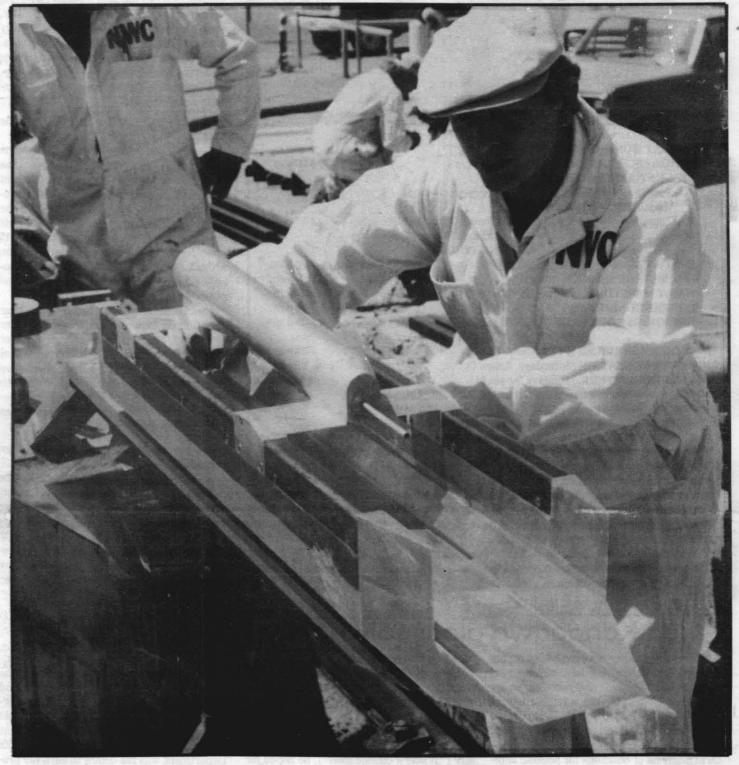
The maximum velocity of current dualrail sleds used at SNORT is approximately 3,000 feet per second. This upper speed limitation is due to aerodynamic interference and sled weight. However, a number of projects have requirements to test at, and recover from, velocities as high as 4,500 feet per second.

To meet these higher velocity requirements, a program was initiated in 1984 to extend recoverable velocity of a dual rail sled to 4,500 feet per second. This program, called the Hi-Speed Sled (HISS), was funded under Independent Exploratory Development, and relies on combining a new sled design with a newly developed rocket motor.

Development of the rocket motor, named Tiger, was initiated by John Richards, Head of the Engineering Section at SNORT. Use of a finer grained propellant and a larger nozzle in an expanded NIKE M5E1 motor case resulted in a high-thrust, lightweight motor.

Internal development funds were allocated to the Solid Propulsion Branch of the Ordnance System Department to develop the basic concept and procedure a working motor with a loaded weight of under 1,000 pounds. This motor has achieved a thrust in excess of 135,000 pounds for

(Continued on Page 3)



READY TO TEST — Hugh McCoy prepares a model of the Hi Speed Sled (HISS) for testing at SNORT. The model was mounted on a regular sled and zipped

down the track to test its feasibility. A full-scale model of HISS is now being built.

## NAVMAT disestablished

In a major change to the Navy's acquisition management structure, the Secretary of the Navy and Chief of Naval Operations announced the disestablishment of the Naval Material Command (NAVMAT).

This action was to decentralize acquisition management in the Navy, thus streamlining the decision making process. The authority previously held by NAVMAT headquarters, a four-star command, will be distributed among the five individual systems commanders, which were previously under NAVMAT control. These systems commands are Naval Air Systems Command, Naval Sea Systems Command, Naval Electronic Systems Command, Naval Supply Systems Command, Naval Facilities Engineering Command.

A major impact of the reorganization of the Navy acquisition management will be an improved opportunity to affix accountability in program management, by eliminating a reporting layer.

A total of 450 positions will be eliminated, although no Reduction-In-Force actions are planned. Civilian employees of NAVMAT will be reassigned to the systems commands as vacancies created by normal attrition occur. Personnel savings will result because new hirings will not be necessary to fill the vacated billets.

In a related action, a realignment within the systems commands is being implemented to provide integration of naval force warfighting capabilities. Consequently, the current Electronics Systems Command will be restructured to integrate space systems, force ships and aircraft systems, and other service and allied systems. The resulting organization will be called the Space and Warfare Systems Command.

## Capt. A.M. Phillips is set to take over VX-5 command

of Air Test and Evaluation Squadron Five emonies. at a change of command ceremony next Friday in Hanger 1.

NAS Beeville, Texas to command Training Command. Wing Three.

Guest speaker for the ceremony, which starts at 10 a.m., will be Capt. P.D. ficer Candidate Program in 1961. Stephenson, Chief Staff Officer at the Naval manding Officer.

Pacific from Naval Air Station Lemoore.

VX-5's next commanding officer is a 1964 Bon Homme Richard. graduate of the U.S. Naval Academy and After moving to Attack Squad 153, Capt. Operations Officer from COMCARGRU Southeast Asia aboard the USS Oriskany. ONE.

Capt. Alexander M. Phillips will relieve Capt. Phillips was on Center this week Capt. R.P. Flower as Commanding Officer preparing for the change of command cer-

The departing commanding officer, Capt. Flower, arrived at VX-5 on August 4, 1983 Capt. Flower, who succeeded Capt. P.F. from duty as Aviation Enlisted Assignment Hollandsworth in August, 1983, will move to Officer with the Naval Military Personnel

> A native of Cleveland, Ohio, Capt. Flower entered the Navy through the Aviation Of-

He participated in the initial air strikes Weapons Center and a former VX-5 Com- carried out by U.S. Forces in Southeast Asia while deployed on the USS Kitty Hawk Also scheduled to attend are RAdm. with Heavy Attack Squadron 13. He later Carter, COMOPTEVFOR and Commodore was assigned to Attack Squadron 94 at NAS Cargill, Commander, Light Attack Wing, Lemoore and deployed to Southeast Asia aboard the carriers USS Hancock and USS

comes to China Lake from duty as Air Flower made two more deployments to

(Continued on Page 5)

Rocketeer



#### **Divine Services**

			PROTESTANT		
	SUNDAY WORSHIP SERVICE			10 a.m.	
	SUNDAY SCHOO	SUNDAY SCHOOL (Annexes 1, 2 and 4)			
	BIBLE STUDY (East Wing)				
	Tuesday	7:30 p.m.	(Nursery provided)		
	Wednesday	11:30 a.m.			
	Thursday	7 p.m.	Officer's Christian Fellowship Christian Military Fellowship		
		R	OMAN CATHOLIC		
	SUNDAY MASS			8:30 a.m.	
	COMMUNION SERVICE (Monday)			11:35 a.m.	
	DAILY MASS (Tuesday through Friday)			11:35 a.m.	
	CONFESSIONS (	Friday)		4:30-5 p.m.	
	RELIGIOUS ED	IOUS EDUCATION CLASSES (Sunday)			
			JEWISH		
	WEEKLY SERVICES (Friday, East Wing)			7:30 p.m.	
	ADULT EDUCATION (Saturdays, Annex 4)			9a.m.	
	RELIGIOUS SCHOOL (Sundays, Annex 95)			9a.m.	
		Chaplain J. M	lilton Collins, Capt., CHC, USN		
		Chaplain A	A. J. Smith, Cdr., CHC, USN		
		Chaplain Ja	ason E. Knott, Lt., CHC, USN		
		Phon	ne, NWC ext. 3506, 3507		
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### Child Abuse Prevention grp. dinner

Next Friday evening the High Desert Child Abuse Prevention Council will hold its second annual awards dinner starting at 7:30 at the Senior Building, 120 S. Warner Street in Ridgecrest. Punch and accompaniments will be served during the social hour at 6:30.

Theme for this year's program is "It Shouldn't Hurt To Be a Child." Reservations for the buffet dinner, which costs \$10.50 per person, can be made by sending a check to Marj Boehme, 644 Kevin Court, Ridgecrest, CA 93555, by April 21.

Employee in the Spotlight

### Rod Kanagawa pleased with career choice

Center's roads, parking lots, airfield run- aspects of being head of the 15-person ways, sewage systems and domestic water systems belongs to the Civil/Structural Branch of the Public Works Department. In a way, Kanagawa feels that he's in the Other responsibilities, according to Rod Kanagawa, the branch head, include struc- first started school at Fresno State Univer- finally enticed him into the Public Works tural analysis of buildings for seismic safety and for floor and roof loadings, field a career as an Air Force officer as a navisurveying, and running a testing laboratory gator. After two years spent in Air Force opportunities for doing so were greater in for construction materials.

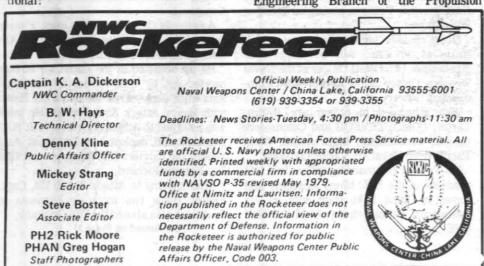
operations required in civil engineering, his efforts in civil engineering to eventually neat bosses to work for - Bill Bonner," says Kanagawa, makes it one of the most teach. He decided to apply to NWC inchallenging of engineering fields, and keeps stead, after having talked with Dick Murhis life interesting.

"I got into civil engineering originally because I always enjoyed dinking around with wood and nails and hammers as a kid," he says, "so I specialized in struc- Public Works Department because he had a tures. It wasn't really until I became the totally different concept of the type of work branch head in 1982 that I could appreciate that was accomplished there. His first job the whole field rather than just one area of on board, after entering the Junior Profesvivil engineering. It has been very educational!"

The responsibility for maintaining the He adds that he finds the supervisory branch very easy because "all the people are super qualified.'

third career field that he chose. When he sity ("It was a college then"), he hoped for ROTC, he learned that his vision would not PW. He earned his license in 1972. The very extensiveness of the variety of meet flying standards, so he concentrated

a recruiting trip to the Fresno campus. He notes, with a chuckle, that he turned down the idea of going to work for the sional program, was in the Design Engineering Branch of the Propulsion



## For better health...

Q - Doctor, I was only out in the sun a short time. How did I get so sunburned?

A - Sunburn is the result of excessive exposure to ultraviolet light (UVL) from the sun. UVL is not screened out by thin clouds on overcast days, but is fully screened out by window glass. Much of the sunlight reaches the skin through reflection from sand, water, cement, and, especially, snow. Hats and umbrellas provide only moderate protection. Blue-eyed persons, redheads, blonds and those with freckles withstand sun exposure poorly, burn easily, and suffer the chronic effects of sun exposure earlier in life.

Q - How can I protect myself from the sun?

A - Sun protective topical medications (sunscreens) are available over the counter. Sunscreens come with different protective capabilities. The APF (skin protection factor) is the number noted on the sunscreen. The maximum APF is 15. This means you would be able to stay out 15 times longer in the sun wearing the lotion without burning that you would unprotected. Lipstick sunscreens are also available and should be used.

Sunscreens should be applied one hour prior to sun exposure and reapplied after swimming or profuse sweating. Another mode of protection is to limit your initial sun exposure to no more than 30 minutes and gradually increase the time with each repeat exposure. Also avoid prolonged ex- Cerro Coso College posure between 10 a.m. and 4 p.m. when UVL is at its peak.

Q - How do I know what extent that I am sunburned?

A - Mild sunburn will be tender to the touch and cause a taut, drawn feeling accompanied by redness of the skin. Severe burns are usually accompanied by intense pain, inability to tolerate contact with clothing and sheets, nausea, vomiting, increased heart rate, fever and chills. There may be blistering of the skin.

Development Department out at Salt Wells. His rotational tours took him to the Public Works Department, where he found that his original concept of PW was incorrect as to its function. He returned to old Code 45, his home code, however. What Department was his desire to earn his professional license as a civil engineer, and the

"It also helped that I had one of the really says Kanagawa.

phy from China Lake while Murphy was on comments, "but I've found that being the shooting and with Monday night bowling branch head really brought a major change league. in what I did. I came from a technical "Oh, yes," he adds, "I'm also back into background with very little interface with the structural aspects of engineering again. people, and now I interface with people in a I bought a house, and find that there's a lot different way. What's most gratifying is to that needs to be done on it."

Q-How should I treat a sunburn?

A - Mild sunburns can be treated at home. Treatment is as follows: 1. Apply cool tap water compresses for 20 minutes over the affected area four times a day or more frequently if necessary. 2. Use emollients (Eucerin, Nieva, etc.) to soothe and relieve dryness. There is little need for over-the-counter sprays. These should be avoided because many people are sensitive to these preparations. Patients with severe sunburns should consult a physician.

Q - Is there any harm in chronic, over the years, excessive sun exposure?

A — Chronic exposure to sunlight has an aging effect on the skin. Premature wrinkling of the skin (solarelastosis) is the most common troubling consequence for women. Precancerous and cancerous lesions occur more freqently on parts of the body exposed excessively to the sun, such as the face, head, neck, and arms. These lesions are especially common in redheads, fair-skinned individuals, sailors, farmers, sportsmen, and sun-worshippers.

In summary, those at a higher risk should limit sun exposure, use sunscreens and protective clothing in guarding against sunburn and its chronic detrimental effects on the skin.

> - By Dr. J. D. Smith Lt., MC, USNR

## GED test slated at next Tues., Wed.

Cerro Coso Community College is administering the General Educational Development test (GED) to non high school graduates on Tuesday and Wednesday.

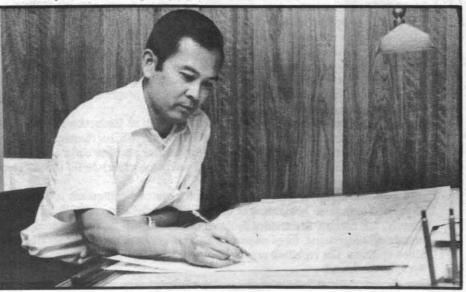
Examinees are charged an advance fee of \$12.00 to offset expenses in monitoring and scoring the tests. For reservations and information about additional testing sessions, call the College Student Services Center at 375-5001, extension 219.

see how they develop, even though the results of one's efforts in working with people often aren't seen immediately.

A native of California, he grew up in the farm community of Sanger, where his parents still own a citrus farm and where his two brothers have a nursery.

Seeing how dependent a farmer is on weather and other variables, he says, "makes you appreciate having a college education and getting into a technical field like engineering.

A bachelor, he's been active with Pop warner lootball and Little League in th "The work has been very interesting," he past, but now spends his spare time in trap



HARD AT WORK - Rodney Kanagawa finds the variety of tasks he faces as a civil engineer challenging.

- Photo by PH2 Rick Moore

April 19, 1985

April 19, 1985

Rocketeer

## China Lake marksmen right on target

ET1 Mark Mahoney led the China Lake Rifle team in last month's California State Service Rifle Championships. Petty Officer Mahoney won first place in four of seven individual matches and captured the Governor's Grand Aggregate in the Marksman Service Rifle competition.

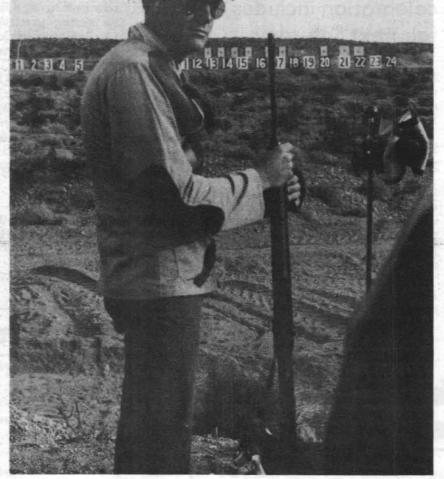
Held March 8 and 9 at Camp Pendelton, the competition found six shooters from NWC taking part.

In the Expert Class, AZ1 Rod Minnick was joined by FTCS Nelson Foucher and FTMC Jeff Mattick.

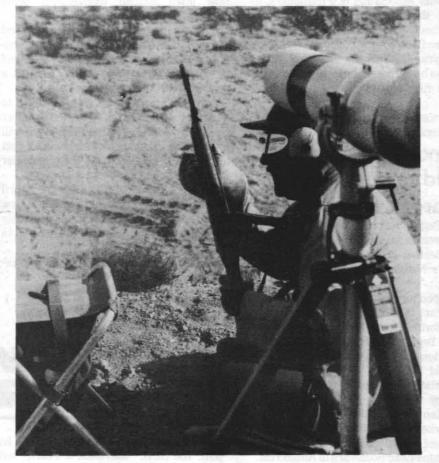
Marksman Class competitors included Petty officer Mahoney, ATCS Gary Cooper and FTM2.

ET1 Mahoney won the 200-yard slow fire, standing event with a 186-5x out of a possible 200-2x. In the 300-yard rapid fire, prone event he recorded a 193-4x while he shot a





TAKING AIM - FTMC Jeff Mattick competes in the expert class compeition of the California State Service Rifle Championships held last month at Camp Pendelton. - Photos by FTM2 Paul Maddox



SITTING DOWN - FTMC Jeff Mattick, NWC representative prepares for his turn at the firing line from the seated position in California State Service Rifle Championships at Camp Pendelton.

MARKSMAN - ET1 Mark Mahoney of NWC won the marksman class in California State Service Rifle Championship competition last month. He won several individual matches in addition to the Governor's Grand Aggregate with a 653-12x total.



STRAIGHT SHOOTING - ET1 Mark Mahoney, of the China Lake Rifle team, squeezes off a round from the 600-yard shooting line while FTCS Nelson Foucher, team captain, scores for him.

378-6x in the rapid fire aggregate of the 200-yard rapid fire, sitting and prone events for first place.

Petty Officer Mahoney also had a slowfire total of 275-6x.

In the Governor's Grand Aggregate, he took the first place honors with a 653-12x out of a possible 700-70x score. He also won a bronze medal in the civilian marksmanship "leg" match.

Other winners from NWC included ATCS Cooper with a fourth in the marksman 200-yard rapid fire, sitting event. In the expert class, FTMC Mattick took second place in the 600-yard slow fire, prone competition with a 97-2x out of a possible 100-10x. Petty Officer Mahoney won the same event for the marksman class with a 89-1x score.

AZ1 Minnick had a 655-10x total to lead the NWC expert class competitors while FTCS Foucher had a 628-6x and FTMC Mattick a 617-7x total.

Following ET1 Mahoney's 653-12x for the marksman class where ATCS Cooper's 618-7x and FTM2 Maddox with a 564-1x. All scores are out of a possible 700-70x perfect total.

#### 6 Rockereer

April 19, 1985

## NWC Gold spikers easily demolish Blue, VX-5 squads during 1985 Commander's Cup volley ball competition

NWC Gold easily won all four volleyball matches in April's Commander's Cup competition. The Gold squad hammered NWC Blue 15-11 and 15-0 as Jean Bormett and Joe Parrie were winning servers in the shutout triumph

The Gold spikers had little more trouble with VX-5 foes, stopping the tenant command's squad 15-5 and 15-4.

NWC Gold, which is made up of military personnel from Naval Weapons Center lepartments other than the Aircraft Department won the bowling competition last month as well.

NWC Blue, Aircraft Department sailors, handed VX-5 personnel a pair of defeats as well to salvage a split for the day. The Blue squad stopped VX-5 15-13 and 15-4.

Twenty-eight players saw action for the noz, Mike Johnson and Garden Cox.

three squads in this month's Commander' Cup event.

Marty Vanderkamp was team captain for NWC Gold. Others on the squad were Scott Washburn, Stu Caldwell, Joe Parrie, Greg Buckle, Marv Dukes, Jean Bormett, Napolean Francisco, Francisco Delagarza and Richard Nicely.

Jeffery Eden was the Blue leader. Other team members included Bruce Mahaney, Pete Petruzzi, Lupe Martinez, Ron Oakley, Anthony Mahan, David Gault and Tim

VX-5's squad was led by Del Hays. Others on the team were Ed Bamrick, Dean Whittle, Roy Stolle, Cindy Langford, Cindy Pesnel, Carol Nelson, Carlos Albor-



## Home team edges Scorps in league soccer action

Only golfers and soccer players braved a on goal. Hannon's shot was blocked. He hot, smoggy Saturday in Corona this week. The under-19 Scorpions Soccer Club from Ridgecrest saw a 2-1 lead vanish as they absorbed a 3-2 defeat at the hands of Corona's Dragons in Inland Empire Youth Soccer League play to fall into a sixth place tie with Palm Springs.

At the 27-minute mark of the first half, Bill Hugo put the Scorpions in front. Hugo, coming down left wing, beat a pair of defenders for a hard, successful shot over Corona's goalie.

Just two minutes into the second half the Ridgecrest squad made a major attack. They came away with several near misses, but no points.

the score at 1-1 early in the second half of

26 minutes left to play when Hugo got his second goal of the day.

Scott Piri, Scott Hannon and Sam Greenmum combined to mount an attack

### Elks Lodge wins title in Scratch loop

It went down to the wire as the Elks Lodge had to defeat Thrifty Wash in the final night, head-to-head, to capture the 1985 Premier Scratch League bowling title.

When the Elks took a 16-9 edge from Thrifty Wash in the final night, they finished with a 418-332 record, compared to a :63-347 mark for Thrifty Wash in the second

Cal Gas was a distant third while Buggy Sath held down fourth place in the stan-

Individual honors in the last night went to iene Lish with a 222 game and a 624 series. Ken Dalpiaz matched the high series mark rith a 624 while Allen Smith rolled a 620.

As befitted their final victory, the Elks look team scoring honors for the night rolling a 1,009 team game and a 2,896 series.

Sta	naings	
Team	Won	Lost
Elks Lodge	418	332
Thrifty Wash	393	347
CalGas	3911/2	3581/2
Buggy Bath	3861/2	3631/2
The Place	383	367
Olympia Beer	3661/2	3831/2
Joseph's	362	288
Hideaway	3601/2	3891/2
E&E Upholstery	358	392
Raytheon	321	429

then fed the ball to Hugo who quickly nosed the ball into the net's empty left side.

Fourteen minutes from the end, a Dragon midfielder steamrollered on the attack and blew a shot past a diving Jason Cherry in goal for a tie contest.

It still looked like a sure tie game for the Scorpions when a long cross from right wing blew away from Cherry. The Dragons were on the spot when the goalie dropped the ball and touched the ball for the winning goal.

Tomorrow Yucaipa's Aztecs return for a visit to China Lake. Game time is 3 p.m. A clash between the under-14 Scorpions and Alta Loma's Lazers is set for 1 p.m. as the Corona quickly counterattacked to knot preliminary game for the under-19 squad.

The Scorps regained the lead with about Youth soccer competition heating up

Five games in Division 1 highlighted a the Timbers, Benny Trujillo scored on a keyed the defense. Ted Mechtenberg got Center Youth Soccer League. This was the Carr's defensive work was also strong. third weekend of loop play this spring.

#### **Division 1** Roadrunners 5, Fury 0

Flores sparked the offense in defeat.

Chiefs 2, Coyotes 1 Good defense by Mike Frederick and Jason Russell preserved the win for the Chiefs. Frederick and Brandon Riveria scored one goal each in the win. Bill Goodwin, with the assist from Joe Mechtenberg scored for the Coyotes. Joshua Robinette,

in goal, played a strong game in the loss. Cobras 0, Express 0 The only scoreless tie in the division.

Mike Hobson just missed scoring for the Cobras while Greg Greedy also made a strong showing on the attack. Jason Hainsworth led the defense that preserved the scoreless tie for the Express squad.

#### Eagles 2, Owls 2

Reed Zemler, Akini Garrett, Thomas Featherstone and Pat Clark led the Eagles cellent game.

#### **Division** 2 Sockers 3, Timbers 1

Mike Ogren, Tiffany Marshall and Casey

scored twice to clinch victory. Ben Lee and

Aztecs 11, Cosmos 0

Four goals by Mike Matson and three each from Jonathan Rae and Scott Hansen Behind a three-goal performance by led the Aztecs against the hapless Cosmos, Ledden, Gene Hunter, Charles Everhart Chris Thornberry, the Roadrunners were 11-0. Matt Bullock accounting for the other and Jay Frederick ignited a Kicks' victory. easy winners. Matthew Hull and Sam goal. Quannah Driver was the top offensive Darcy Rindt led the Sounders with a lone Stevens had the other goals. Jerry Sparks player for the Cosmos while Butch Boswell goal. Despite the loss, the Sounders looked led the Fury defensive effort while Ryan and Andy Lopez played strong defense. strong in passing the ball, much improved

Lancers 4, Strikers 1

A three-goal performance by Steven Sticht led the Lancers past the Strikers, 4-1. David Renner accounted for the other point. Issac Curran and Jamie Scholl keyed the winning defense. Sean Waldron got an Strikers and lead the offense.

#### Drillers 1, Sting 0

Allen Ricks got the only goal of the game with an assist from Patrick Rindt. Troy Wakefield, Tristan Smith and Courtney Canterbury led the defenders that main- Clint Caffee paced the win and was credited tained the shutout win.

#### **Division** 3

Surfs 2, Diplomats 1 Jimmy Ball and Joe Nelson teamed up to score both goals for the Surfs in the win. Mike Kinner and David Caraker led the in their tie against a rugged Owls team. defense. Derke Lindsey accounted for the Coaches said both squads played an ex- only Diplomats' goal. Alex Valdivia and Eric Martinez led the keyed play for the Diplomats.

#### Rogues 4, Tornadoes 1

Smith led the attack for the winners. Ogren Rogues were easy winners. Kelly Richison ment will be held at the Center on May 17and Lance Moore added single goals in the 19. Entry fee has been set at \$125 per team. Jerry Green keyed the defensive effort. For win. Becky Wilkens and Macy Edwards with entry deadline of May 1st.

weekend of action by the Naval Weapons direct kick to pace the offense. Kenny the lone goal in the loss. R. Blevins and Harry Flores were top defenders in the defeat

#### **Kicks 4, Sounders 1**

Four goals by four players, Brendan from the past weeks.

#### **Division** 4

Lasers 1, Bandits 0 An assist by Brian Bartels set up the lone goal by Richard Flores in the win. Joey Coughlin played an excellent game in goal assist from Brad Hayser to score for the to preserve the win for the Lasers. Danny Hobson and Patrick O'Donovan looked good in defeat.

#### Lasers 3, Hotspurs 0

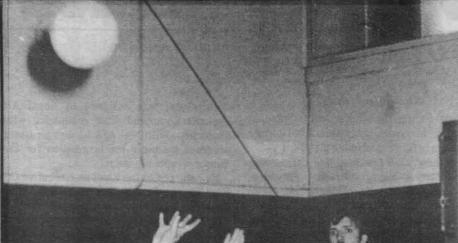
Richard Flores and Todd Henderson combined for all three goals and the win. with outstanding defensive play for the Lasers.

#### Bandits 4, Hotspurs 0

Patrick O'Donovan paved the way for a Dean Waldron goal with an excellent assist. Ivan Chirinos and Dan Hobson accounted for the other points in the win. Sean O'Donovan was named the top defensive player.

#### VX-5 plans tourney

With two goals from Shawn Hamilton the The first annual VX-5 Softball Tourna-



VOLLEYBALL - NWC Gold won all four games it played in Commander's Cup volleyball competition recently, including a 15-0 shutout of NWC Blue.



#### April 19, 1985





#### QUESTION

Civilian Employee - My comment concerns the Rocketeer Column, The Skipper Sez, dated March 8, 1985, about the GSA matter. The last time I had the question researched by our Supply reps we were informed that FAR regulations allow the acquiring activity to purchase items at the reduced cost than that found with GSA, then forward the paperwork to the GSA office that procured it so that next time GSA can go and buy from the most cost effective source. If this regulation is still in effect, it just points up the general frustration in dealing with the Supply Department. The rules seem to change from day to day on how far they research the problem each time, and you can never tell what you're going to get for an answer. Just about the time you think you learn the game, they change the rules. Anyway, it's interesting and I'd like to know if that rule is still in effect and, if so, then somebody should tell Supply too. Thank you. ANSWER

I see no inconsistency between the answer you were given by your Supply representatives and the Skipper Sez column of March 8, 1985. In that column, I explained the process by which GSA can be notified when lower prices are available. You described the same process in your call. The only difference I see is that the March 8 response did not address what an activity is allowed to do in the interim while GSA is obtaining a lower price. That question was not asked therefore, it, was not answered. The answer to that question is that FAR 8.404-1 allows a local purchase of an identical item at a lower price, but requires that GSA be notified. That is not a new policy, and you were correctly advised by your Supply representative.

The rules Supply must work with are complex, and as in any field where there are complexities, there is likely to be frustration caused by misinterpreted communications. Also, sometimes people may not be as knowledgable as we would wish them to be. Notwithstanding this, the best course of action is to refrain from placing blame, and concentrate on solving the problem at hand. Working together to make things better should be our theme.

#### QUESTION

Civilian Employee - Captain, wouldn't it improve traffic flow if the Center installed traffic lights at the intersection of S. Knox and Blandy Ave.? There is nothing more aggravating, and potentially dangerous, than spending 15 minutes in the morning, at lunch, and going home in the evening stuck at a clogged intersection together in commuter disharmony with much of the Center. Sometimes it's a cattle stampede through a mouse hole. Thank you. ANSWER

The installation of traffic lights is very costly and would not necessarily speed up traffic flow through this intersection. The same number of vehicles will access this intersection at peak periods, and could experience longer delays due to cycle length and green time allotted to each approach and separate left-turn phase.

Perhaps an alternate route to and from work site or a minor adjustment in your time schedule would be a more reasonable, time saving, solution to the problem.

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 military methods. a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would lime 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.



BENEFICIAL SUGGESTION - John T. DiDomenico (right) receives his check for a suggestion he made for modification of the QF-4 arresting hook. Capt. John Patterson, head, Aircraft Department, made the presentation. DiDomenico's suggestion is expected to save more than \$2,000 per aircraft converted to a QF-4. The modification has been incorporated into production of QF-4s. - Photo by PH2 Rick Moore

## Accomplishments in EEO area to be recognized at luncheon

Center's Equal Employment Opportunity thrust will be recognized at the annual EEO luncheon to be held on Thursday, May 9, at 11:30 a.m. at the Commissioned Officers'

In June of last year, Capt. K. A. Dickerson, NWC Commander, and Burrell Hays, Technical Director, issued management EEO initiatives. As a result of effort made by NWC following these initiatives, the number of full time permanent employees who are minority members has risen from 6.2 to 7 percent. Prior to this year, the number of minority full time permanent personnel has remained steady for more than 15 years.

The aims of the initiatives are to provide opportunity for every employee so that person can develop most fully. Each employee must take personal responsibility for getting ahead; the most Center Command can do is to ensure the opportunities are present.

At the luncheon three EEO awards will be presented by Capt. Dickerson and Hays. These awards include the supervisor's award, an award to an employee who is not

The solid accomplishments in the a supervisor, an award to an EEO program person. In addition, the department that has the best record of accomplishing EEO initiatives will also be recognized.

Tickets for the lunch are \$5 per person for a cold buffet. Reservations can be made by telephoning Kathy Tougg, NWC ext. 3379 or 2634, by May 7.

#### DOD decals must be attached to either bumper or window

Recently there have been several instances of "floating decals" (a decal not permanently attached to the vehicle for which it was issued) being confiscated by security personnel.

NAVWPNCENINST 5510.29, the Center's Security Manual, states that the DOD Form 2220 decal is to be placed on the left front bumper (driver's side on conventional four-wheeled motor vehicles), facing forward, and upright.

If the vehicle has no front bumper, or the bumper is painted, plastic, rubberized, or laminated, attach the decal to a plate firmly attached on the left or center front of the vehicle.

The California Vehicle Code permits the placement of decals in the lower left corner of the windshield (driver's side) in an area not exceeding five inches square. Therefore, since the total size of the decal, less the grade/rate insignia (if military), is 2" x 4", the permit may be placed in that area of the windshield if the front bumper is unusable. However, because of the placement of grade/rate insignia decals, those who have such decals cannot use the windshield. On two-wheeled vehicles, place the DOD Form 2220 decal on a conspicuous front facing surface or on the front fender.

The DOD Form 2220 decal must be permanently attached to the vehicle for which it is issued. Any decal not so attached will be confiscated by security personnel.

#### License requirements listed for dependents of military personnel

The California Department of Motor Vehicles has determined that military dependents don't need a California driver's license if they have a license that is valid in their home state, if the dependents are aged 18 or over, if the dependents do not establish permanent residence in California, and if the dependents are not employed by someone else for the purpose of driving a motor vehicle.

### HISS...

(Continued from Page 1) approximately one second, and is designed to meet test requirements that otherwise would require a longer track. It will provide the HISS with a mean-thrust-to-weight ratio near 100

Development of HISS was initiated by Hugh McCoy of the Systems Development Branch in the Aerosystems Department. The new design treats the area between sled and track like an inlet and nozzle combination. Raising the aft end of the sled allows the flow compressed by the forebody to expand, decreasing compressive forces. A model of this sled was built at the SNORT machine shop by Norman Zwierzchowski, and tested by mounting the entire model on another sled that was fired down the track. The upward canting of the aft end of the sled was found to significantly reduce the lift forces associated with compressive aerodynamic interference.

Based on the model design, a full-scale sled has been designed by Jim Lawson, of SNORT, for testing this spring.

Due to the extremely high accelerations generated by the combination of a light weight sled with a high thrust motor, a new telemetry system is required to monitor on-board forces and pressures. This telemetry package is being developed by Ken Lusk of the Recovery Systems Instrumentation Branch in the Aerosystems Department.



COFFEE TIME CHAT - Martha Harrington, secretary to the NWC Commander, Dr. Jean Lebedun, seminar leader, and Mary Moore, Federal Women's Program manager for NWC, chat during a brief break in the secretarial seminar presented Monday at the Commissioned Officers' Mess. A total of 180 secretaries and clerks from throughout China Lake's organizations took advantage of attending the seminar entitled "Professional Skills for the Woman Achiever" - as well as one man who also is employed in a clerical series on board.

#### 4 Rocketeer

April 19, 1985

## April is Child Abuse Prevention Month at NWC

Who could intentionally hurt a child? What kind of person could lose control and inflict severe injury to a child? The obvious answer is more and more adults do nationwide. Not the stereotyped bully we see portraved on television and in the movies. but average citizens who for a multitude of reasons find it difficult to cope with children. These people vent their frustra- Eddie had moved to another jurisdiction tion on their children, often to excess.

In California alone there has been nearly a 1,000 percent increase in child abuse cases in just 10 years. The reasons for these increases are as numerous as the "experts" you ask.

The Criminal Justice System has to share some of this burden. By way of example, let me share a personal experience with you. Some years ago when I was employed elsewhere I happened by the office of a juvenile officer. In the office was a little boy, about 5 years old. I knelt down and said, "Why are you here?" The boy, let's call him Eddie, replied, "Cause Mark hurted me!" Eddie pulled up his little shirt sleeve and showed me bruises, scratches and cigarette burns, intentionally inflicted. Eddie quickly added, "But he didn't mean it."

Here was a victim of child abuse, excusing the acts of his attacker. Tears welled up in little Eddie's eyes and he threw his tiny battered arms around my neck. I held him for a short while and comforted him. I whispered to him that everything would be all right.

I asked the juvenile officer who Mark was, and she replied, "Mother's boyfriend. They claim Eddie is a discipline problem." I said good-bye to Eddie as I hastily retreated from the office; after all, big boys weren't supposed to cry!

I asked the officer to keep me posted on Eddie's progress. A few days later, the investigator told me that the court had released Eddie back to his mom and Mark.

About three weeks later, the investigator gave me another update on Eddie. "Eddie's dead!" she told me. Mark, mother, and and Mark, of course, felt that Eddie was a discipline problem and continued to "discipline" him aggressively.

I later found out that Mark knew he had a problem of abusing the child. Mother knew she should have intervened but didn't want to lose her chance at happiness with Mark. Mark was a good provider. He was described by friends as a good guy. Mother was also known to be a "decent" human

If you know or suspect that you might have a probem that causes you to be too aggressive with your children, seek help right away. If you know someone with this kind of problem, please report it. Don't contribute to another incident like Eddie. Call the China Lake Police at NWC ext. 3323, anonymously, if you like. We will refer you to the right place to get help.

"I'm sorry, Eddie" just isn't good enough for any of us.

**Navy Hotline** 

(800) 522-3451 (toll free)

(202) 433-6743 (commercial)

288-6743 (Autovon)

or call the Inspector General at:

for Fraud, Waste and Abuse

Call: NWC ext. 3521

-By Jim Brown **Chief of Police** 



WINNERS ALL - Fire Chief Lee O'Laughlin, flanked by Dick Johnson, Director of Safety and Security, and Capt. P. D. Stephenson, Chief Staff Officer, holds the plaque presented for taking the second runner-up slot in the large structural category of the Navy Fire Protection Association's "Outstanding Fire Department" competition. The firefighters from Station One, whose work was judged, join in the presentation ceremony. Winner of the annual Allen G. Ogden competition for 164 Navy and Marine Corps Fire Departments was USMC Twentynine Palms, followed by USMC El Toro. - Photo by PH2 Rick Moore

### China Lake Police reports

schools Monday. At Murray Junior High China Lake police station, cited and School a juvenile suspect was found in released. One drove his car away; the other possession of a controlled substance, a climbed aboard his motorcycle to roar substance believed to be methamphetamines, and paraphernalia. The juvenile was arrested and released to parents. At Pierce School, two juvenile subjects removed money from a teacher's desk. The two were picked up, transported to the China Lake police station and released there to their parents.

#### +++

Two motorists were placed under arrest following routine traffic stops this past week, in both instances for driving while under the influence of alcohol. In both

China Lake Police were called to two cases, they were held for five hours at the forth.

> +++ When a reporting person told China Lake police that she was not permitted to visit her children as a court had ruled she could, police advised her that the case would be referred to court for action.

> Windows suffered this week also. One window valued at \$100 was broken in BEQ 3; another window was reported broken by vandals at a house in the Capehart B housing. Estimated loss for that window was also \$100.

## Earthquake preparedness can save lives, reduce damage

claimed the week of April 15 through 20 Earthquake Preparedness Week kept up to date. throughout the State of California, since preparing for a severe earthquake can dramatically reduce potential loss of life and property damage when such a quake occurs.

California is experiencing a period of increased seismic activity. Geologists state that a catastrophic quake on the southern section of the San Andreas fault is likely within the next 30 years, and that other major faults in the state also have the potential to create devastating quakes.

Much damage can also be caused by considerably lesser earthquakes, such as outside, preferably in a metal locker that is ed after a house is built. the one at Coalinga that occurred on a adequately ventilated. Fire is a major previously unknown fault.

While there is no way yet to predict High furniture such as shelves or quake. when and where an earthquake will rumble bookcases should be fastened to studs with through, anyone who lives in any of the either angle irons or heavy metal screws, forcing steel to the top of the chimney. western states should be prepared for and heavy objects should be stored on low, quakes at all times.

Many of the following suggestions for earthquake preparations come from a the study so they will not tear loose and tip; ceilings to ensure that bricks tumbling off succumb to the aftershocks.) three-hour class offered by the American these also provide an additional source of an unreinforced chimney will not come If driving when a quake happens, be Red Cross on safety and survival in an drinking water. earthquake.

can strike this area) is having essential supplies on hand at all times.

Topping any such list is having water stored since any disaster is apt to disrupt need to be attached firmly to studs. electricity - and that shuts down the water animals or pets.

stored for all family members and for pets.

A first aid kit sufficient to meet wind storms. household needs is also in order. (Equally Home owners need to check their houses on neighbors. Also look for fires because good sense during the emergency will go a important is for someone in the household to ensure that they meet all building code fires can most readily be extinguished long way toward protecting an individual or to be trained in first aid. Classes are of- standards with regard to earthquakes.

Governor George Deukmegian has pro- fered frequently by the American Red Cross.) Family immunizations need to be

> Other equipment that should be on hand includes a fire extinguisher suitable for all types of household fires, crescent or other wrenches to be used if utilities need to be turned off, a battery-powered radio (with bedroom (again, with extra batteries).

> quakes come from falling objects and breaking glass, quake-proofing a house and yard will cut the number of potential inju-

First, all flammables should be stored cross-braced. Cross-bracing can be install-

rather than high shelves.

Hot water heaters should be fastened to

off a sleeping family member.

Any heavy, unstable object needs to be pumps. A minimum of five to ten gallons kept clear from exit paths. Even though it dividuals should try to protect themselves ing a quake, watch out for bounding per person is essential; water also needs to is essential not to run outside during a from falling objects. If inside, they should boulders and rolling rocks. be stored to meet the needs of farm quake, the way out needs to be clear when dive under a table or head for a doorway - In snow country or where hillsides have the earth stops shaking.

tion or extensive preparation should also be systems are rotting need to be taken out. These are a danger in both quakes and

Seismic safety standards were raised following the Sylmar earthquake, and the Coalinga quake is apt to have the same result for California building codes as more information is gathered about the effects of quakes on various types of construction.

Older houses that are raised off the ground need to be anchor-bolted to a conextra batteries), and a flashlight in every crete foundation with a maximum spacing of bolts not to exceed six feet apart. (Con-Since the majority of injuries in earth- crete slab houses are already bolted to their foundations.) Anchor bolts can be retrofitted to houses.

If wood studs are used under a house

Roof tile should be nailed to a well-braced roof so it will not slide down during a

New fireplaces are required to have rein-Older fireplaces that are not reinforced that high can be tied to roofs. (Additional protection can also be added to roofs or ings that withstood the initial shake may crashing into the house.)

Hanging lamps and hanging potted plants homes; this costs about \$2,500 for a double with caution. wide.

anything sturdy enough to protect heads been weakened by a lot of rain, beware of Food that does not need either refrigera- Loose limbs on trees or trees whose root and bodies from falling debris. If outside, mudslides or avalanches triggered by watch out for falling walls or power lines. quakes.

while they are small and the firefighting family from harm.

equipment will probably be needed to meet major industrial conflagrations rather than being able to head for homes.

Telephone lines need to be kept clear for emergency calls only.

Turn on battery powered radios and listen for emergency instructions on the radio. Local radio station KLOA. 1240 on the dial, has emergency broadcast capabil-

Check utilities to see if there are any gas leaks. If so, turn off the gas at the major house cutoff. Don't drink any tap water until assured that there are no broken lines, (cripple construction), the studs need to be and don't flush toilets repeatedly until sure that sewer lines aren't broken.

If a quake happens during school hours, follow the instructions about picking up children that have been issued to all parents by the Sierra Sands Unified School District.

Don't go sightseeing. Streets need to be kept clear for emergency vehicles. (Also, aftershocks will happen, and some build-

careful of overpasses, underpasses, and Heavy objects hanging over a bed or sit- Mobile homes need to be very securely bridges. Also watch out for falling power Of prime importance in preparation for ting area need to be removed. If a bed is fastened to their piles - or the wheels lines. A guake severe enough to be felt by a an earthquake (or any other disaster that located by a window, either venetian blinds should be left under them so they will not motorist in a moving vehicle is strong or heavy drapes can help keep glass shards slip from their foundations. An earthquake enough to be damaging, so pull off the side resistant foundation is available for mobile of the road and stop. Proceed afterward

If driving on a mountain road (or if hik-When a quake actually occurs, in- ing or backpacking in the mountains) dur-

Those who are home should check on Above all, don't panic. Sensible precausafety of family members, and then check tions taken in advance plus the exercise of April 19, 1985



## VX-5 change ...

#### (Continued from Page 1)

Capt. Flower flew more than 500 combat missions and made more than 1,200 carrier landings before reporting to VX-5.

The new VX-5 Commanding Officer was designated a Naval Aviator in Beeville, Texas in 1966. After four months training on the A-4C with VA-125 at NAS Lemoore, Capt. Phillips reported for duty with VA-192, completing two deployments in USS Ticonderoga (CVA-14) flying more than 200 combat missions in Southeast Asia.

After a tour with VA-122 Capt. Phillips was sent to the Naval Postgraduate School, graduating in March 1971 with a Masters of Science in Aeronautical Engineering.

The new VX-5 skipper returned to NAS Lemoore, joining the "Fist of the Fleet." VA-25. He was aboard the USS Ranger in September of 1972, participating in Linebacker II operations from the Tonkin Gulf as squadron operations officer.

Capt. Phillips next went to Naval War

College and was assigned to Naval Air .Systems Command after graduating with distinction. With NAVAIR he was assistant program manager for acquisition for the Condor weapons system.

He returned to the Fleet as Executive Officer for the Dambusters of VA-195. After deploying to the Mediterranean Sea in USS America, Capt. Phillips took command of VA-195, followed by his assignment to COMCARGRUONE.

Capt. Phillips has flown more than 250 combat missions and has made more than 800 carrier landings.

His decorations include two Distinguished Flying Crosses, two individual and 25 strike or flight Air Medals, three Navy Commendation Medals with Combat "V" and the Vietnamese Air Gallantry Cross.

A native of West Virginia, Capt. Phillips is married to the former Renee Miles of Woodbury, N.J. They are the parents of three sons, Chris, Ryan and Kent,



VX-5 LEADER - Capt. Alexander M. Phillips will assume the position as Commander Officer of Air Test and Evaluation Squadron Five at a change of command ceremony at 10 a.m. on Friday, April 26

## Weinberger pays tribute to military men, women

I am proud to extend a well-deserved tribute to the brave men and women who serve in the United States Armed Forces. This is a day when Americans join together to recognize the members of the Army, Navy, Air Force, Marine Corps, and Coast Guard for their contributions to our securi-

We live in an uncertain world, and we know that without your readiness and vigilance our freedom and independence would surely be lost.

You endure many hardships - working long hours, sometimes serving in remote

and difficult places, moving frequently and being separated from your families. But you accept these sacrifices willingly and with pride, knowing that your job is a most important one - preserving the peace. Furthermore, you should know that you have earned the honor, respect, and full support of your fellow Americans.

I salute you all and challenge you to maintain your alertness, your sense of service to the country, and your high standards of conduct and performance.

Caspar Weinberger Secretary of Defense

## Air traffic controller receives NWC Bluejacket award

Leadership and technical expertise were just two of the qualities bringing Naval Weapons Center Bluejacket of the Quarter honors to AC1 Tina Evans.

An Air Traffic Control Watch Supervisor, Petty Officer Evans was chosen as top sailor at NWC for the first guarter of 1985.

ACC H.J. Tavare, head of the Air Traffic Control Branch, said Petty Officer Evans had not only gained the respect and admiration of all who come in contact with her, but demonstrated a "consistently outstanding performance to place her head and shoulders above her contemporaries."

As tower supervisor she manages and directs 15 air traffic controllers daily. Chief Tavare said through her leadership and expertise "the air traffic control tower has improved professionally and the amount of local air traffic incidents were reduced during her tenure."

In addition, Petty Officer Evans was cited for her pride in the Navy and in herself.

The newest Bluejacket of the Quarter has completed two off-duty education courses and is in the middle of another. In addition she is a member of the Fleet Reserve Association, Branch 95 and of the First Class Petty Officers' Association.

Petty Officer Evans is also a member of the Navy Exchange/Commissary and Enlisted Mess advisory boards.

"She is a friendly, pleasant individual who constantly strives to help her shipmates in any endeavor. She emulates the qualities of the model sailor in her daily interactions with both her subordinates and superiors alike," added her supervisor.

NWC's Bluejacket of the Quarter is Master Chief along with other Senior and

Master Chief Petty Officers he assigns.

As winner of this quarterly competition, Petty Officer Evans received a letter of congratulations from Capt. K.A. Dickerson, NWC Commander; an NWC plaque listing

name, rate and quarter selected; a 96-hour To be honored, a sailor at NWC must be special liberty; 30-days no-duty status and will be recognized at a Ridgecrest Chamber ed for professional performance, military of Commerce Military Affairs Committee bearing, person appearance and dedication meeting

an E-1 to E-6, a hard worker and recognizto duty.

Rockeleer



Petty Officer Evans is NWC's Bluejacket of the Department.

by a committee that includes the Command on the runway in her job as an air traffic controller. in the Airfield Operations Division of NWC's Aircraft - Photo by PH2 Rick Moore

#### April 19, 1985

Koperski, Code 1441, ext. 3178. Previous applicants need not apply.

No. A 14-022, Interdisciplinary Physicist, Computer Scientist, Mathematician, Electronics/Aerospace/General Engineer, DP-1310/1550/1520/855/860/801-1/2/3, Code 1412 — This position is located in the Software Engineering Environment-Insertion of Technology (SEE-IT) Project Section of the S&E Applications and Tools Branch, Code 1412. The incumbent is responsible for requirements analysis, design and acguirement/development of software engineering tools for VAX and IBM PCcompatible workstation environments. The incumbent will consult with end users, and review change proposals/trouble reports. Emphasis is placed on the adoption of "off-the-shelf" technologies and enhancements to increase the fuction of the existing SEE-IT configuration. Potential to the DP-3 level if filled at DP-1 or DP-23, but is not guaranteed. To apply for this position, forward a current SF-171 to Dale Christensen, Code 1412, NWC ext. 5775.

No. 31-158, Interdisciplinary (Physicist, Mathematician, Electronics/General Engineer, Computer Scientist, Program Analyst, DP-1310/1520/855/801/1550/345-3, Code 3107 - Position is that of Software Manager for all F/A-18 Tactical Software in the F/A-18 Weapon System Support Activity. Incumbent manages the failure reporting system, System Trouble Reports, and schedules, coordinates, monitors and evaluates all Quality Assurance and Configuration Management tasks for the Program Office. Acts as the Secretariate for the Operational Advisory Group/ Maintenance Advisory Group (Fleet Meetings) for prioritization of software problems, and is the Program Office point of contact with NAVAIR, the Fleet, other Navy Labs, contractors, and Foreign Military Sales customers for software management for the F/A-18. Elements: Basic knowledge of software documentation and aircraft avionics systems operations; Basic management skills, particularly in configuration management and quality assurance; Ability to communicate both orally and in writing; ability to deal with all levels of technical and management personnel. Eligible DP-2's are encouraged to apply. To apply for this position submit current SF-171 to R. Bruckman, Code 3107, Phone 5600.

No. 36-229, General/Mechanical/Industrial Engineer, DP801/830/896-1/2, Code 3621 — This position is that of production engineer in the Missile Systems Branch. The incumbent will be responsible for providing production support engineering and technical support on missile components/ subassemblies including gyros, optics, detectors, and optical seeker subsystems. The incumbent will also be responsible for the fabrication, assembly, redesign, and test and evaluation of existing, altered, or new components and subsystems assigned for technical cognizance. Elements: Ability: to perform investigations, analyses, and tests of mechanical systems; to communicate orally and in writing with government and contractor personnel; willingness to learn gyros, optical seekers, and missile systems, ability to analyze aircraft cleanroom operations. To apply for this position, send updated SF-171 to Cheryl Preul, Code 36209.

No. 36-231, Computer Scientist, DP-1550- 3945, ext. 5019.

1/2/3. Code 3657 - Incumbent assists the Computervision facility system manager with day-to-day CAD/CAM system management functions and troubleshooting. This includes interfacing with the service center's customers at both the central facility and remote sites. The ability to communicate effectively with people is a vital factor. Incumbent will be reponsible for designing logical progression of actions toward solutions, and documenting problem symptoms and solutions for future reference. Submit current SF-171 to Judy Thornberry, Code 36502.

No. 36-234, Interdisciplinary Computer Scientist, Physicist, General/ Mechanical/Electronics/Industrial/ Chemical Engineer, Mathematician, DP-1550/1310/801/830/855/893/896/1520, Code 3687 — The incumbent will provide support to a variety of Weapons Systems Development Programs, both on and off-Center, through the applications of System Safety Engineering and Management principles and tasks. The incumbent will be required to identify hazards associated with the system; determine hazard likelihood level and qualitative/quantitative risk factors, and make recommendations for the eliminations and/or control of all hazards which are critical or catastrophic in nature. The incumbent will be the Harpoon System Safety Engineer/ Manager and will be responsible for supporting the Harpoon Weapon System Production and the Harpoon/S-3B Aircraft Integration Programs. Elements: Knowledge: of aircraft and missile systems; of systems analysis and engineering, system safety and/or reliability. Ability: to plan, schedule, coordinate and evaluate long-term tasks; to communicate effectively both orally and in writing; to work closely and effectively with military, government and industry personnel. To apply for this position forward an updated 171 to Ruth Inman, code

No. S-39-036, Interdisciplinary (Electronics Engineer/Mechanical Engineer/ Physicist/Mathematician), DP-855/830/ 1310/1520-2/3, Code 3915 - Incumbent will provide analytic and/or control system design support to Dynamics and Control Branch projects. Typically the support will include mathematicial modelling for analysis and simulation of dynamic systems. Analysis objectives include guidance algorithm development, stability prediction, control system design and system performance assessment. Projects currently supported by the branch include Tail Control Sparrow, Sidewinder Modifications, ASWSOW, Walleye PIP (ASAW) and SLED (AED). To apply send current SF-171 to Bo Arnold, Code 3915, ext. 3493.

No. S-39-035, Interdisciplinary, (Computer Scientist, Physicist, Electronics/ Mechanical/General/Aerospace Engineer) DP-2/3, code 3945 - This position is for a flight test engineer to support various flight test programs. The incumbent will be responsible for project planning, hardware documentation coordination and implementation of test plan. Knowledge of aircraft systems, general knowledge of systems and to communicate both orally and in writing will be required. Please send copy of current 171 to Gerald Powell, Code

#### **Recent Arrivals** TITLE Larimore, Carmen M. Coughlin, Kerry L. Allrich, Rose M.

Baerman, Alisa K. Kasperbauer, Arlene K. Nichols, Roger H. Mumford, Donald D. Mathis, Lorraine M. Kollman, Gordon R. Beruldsen, Knut J. Derby, Michael R. Guinn, Debra J. Witsken, Jermone E. Ray, Betty M. Coughlin, Opal O. O'Neill, Margaret H. Wittenbrink, Connie I. Tracy, Charles L. Fogg, Steve E. Brandenburg, Lea A. Phillips, Linda K. Flores, Richard P. Levine, Peter J. Mufid, Akram M. Scheri, Richard C. Diamond, Jack E. Dexter, Peter A. Hinners, Carl H. Stringer, Joe W. Osher, James E. Kim, Hyun S. Malik, Ruth E. Walton, Valta M. Davis, Steven G. Roberts, Peter A. Fuller, Robin C.

CODE

0033

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08623

08641

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641

Clerk-Typist Secretary (Typing) Clerk-Typist Clerk-Typist Safety & Occup. Health Police Officer Civil Engrg. Tech. Engrg. Aid **Computer Scientist** Chemical Engr. Aerospace Engr. Techl. Pub. W/E Physicist **Program Analyst** Personnel Clerk (Typing) Intelligence Library Secretary (Typing) Safety Tech. Firefighter **Clerk-Typist** Clerk-Typist Mechanical Engr. Electronics Engr. Electronics Engr. Materials Engr. Materials Engr. Mechanical Engr. Mechanical Engr. Engrg. Tech. Engrg. Data Mgt. Spec. Electronics Engr. Clerk-Typist Clerk-Typist Ordnance Equip. Mech. He. Flight Test Spec. General Engr.

## **Recent Departures**

Platt, Valda L. Dodson, Thomas M. Burfeindt, Walter E. Perkins, Cynthia A. Ward, John S. Banks, Susan J. Ayler, Antionette C. Luedecke, Robert W. Osborne, Norman O. Rosenberg, Richard A. Disch, Willene Y. Walker, Scott A. Schultz, Don. L. Short, Rosemary Jackson, Melody S Mahoney, Kelly M.

Brady, Laura B.

#### Clerk-Typist Natural Resources Spec. Electrician Foreman Clerk-Typist Mechanical Engr. Laborer Illustrator Electronics Engr. Mechanical Engr. **Research Chemist** Secretary (Stenography) Electronics Tech. Electronics Tech. Clerk-Typist **Computer Scientist** Engrg. Tech. Management Asst.

personnel development opportunity 0

#### HOW TO DEVELOP EFFECTIVE USER DOCUMENTATION

8-10 May, Wednesday-Friday, 0800-1600, Training Center, By: Human Performance Associates.

Intended Audience: People doing MILSTD 7935 type of documentation. This course covers generic documentation and has no direct application to a military embedded computer software application.

Scope: Upon completion of this course you should be able to (1) identify common pitfalls and problems of existing documentation products; (2) perform a preliminary analysis to prepare for document design; (3) reference and apply the latest user documentation principles; (4) produce clearly written, easy to scan, easy to reference, well organized documentation; (5) create visually pleasing and professional appearing products; (6) design products according to user characteristics and intended usage; (7) identify situations where pictures, tables, and graphics are appropriate; construct easy to use decision tables; and (8) implement a quality assurance program that ensures the development of user-friendly documentation.

Deadline: 19 April.

### Cerro Coso Classes available

the NWC/Cerro Coso Contract. If you can show that courses are job-related or will strengthen your contributions to the Center's mission, your tuition will be paid directly to the college by Code 094.

If you are not a co-op student, you must submit a DD Form 1556 (Request, Authorization, Agreement, and Certification of Training and Reimbursement) via department channels to Code 094. The form must arrive in Code 094 at least five working days prior to registration.

If a course is not directly job-related, submit NAVWPNCEN 12410/66, Academic Enrollment Justification and NAVWPNCEN 12410/68, Individual Development Plan, describing how the (code 094).

The Center will pay your full tuition if course fits into your overall career plan vou are enrolled in courses provided under and how attendance at the course will strengthen your contribution to the Center's mission.

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

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



### **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. 00-008, Supervisory Computer Systems Analyst, DP 334-3, Code 02A22 -Incumbent will assist in the planning, development and operational management of the OASIS (On-line Automated Supply Information System). OASIS is a data base system designed to support the Supply Department in its procurement function. Under the direction of the OASIS implementation Director, incumbent will organize and direct project personnel in completing development plans and implementation once the system is completed. The incumbent will supervise the writing of documentation and participate in the presentation of software development reviews. Job Elements: Ability to plan, organize and supervise software development projects. Ability to communicate in writing. Ability to communicate orally. Ability to generate ADP documentation. Ability to conduct ADP development reviews. Ability to deal with all levels of management, Status Eligibles Acceptable. Previous applicants need not reapply.

No. 00-009, Computer Systems Analyst, DS 334-2/3, Code 02A22 - Incumbent will provide total systems approach to Supply procurement and conduct analysis to recommend approaches and modifications to improve the capability of the current system under the direction of the Director or Deputy Project director of the OASIS. Job Elements: Ability to gather facts, analyze data, prepare a project synopsis which compares alternatives and recom-

No. 00-010, Equipment Specialist, DS-1670-2/3, Code 02A22 - The incumbent will work closely with on-center engineers and technicians for equipment pooling, and develop general purpose leasing approaches where needed. The incumbent will review requisitions to determine whether an equipment requirements can be met thorough reutilization of current on-Center equipment. Job Elements: Knowledge of ADP and technical equipment, including design, production, uses, and maintenance requirements. Ability to communicate orally. Ability to communicate in writing. Status Eligibles Acceptable. Previous applicants need not

No. 08-013, Payroll Clerk, GS-544-3/4, PD located in the Payroll Office, Civilian Pay and Travel Branch, Accounting and Disbursing Division, Office of Finance and Management. Incumbent performs routine research of payroll records to correct leave data; prepares changes to employees' earnings, deductions and leave records; prepares reports of leave and earning data. under pressure of short deadlines. Promoneed not reapply.

in the preparation of vouchers required to disbursement of funds. Knowledge of fiprocess civilian payroll; provide counter service for NWC personnel and sorts individual segments of vouchers for distribution. Job Relevant Criteria: Ability to work with figures; knowledge of accounting clerical procedures; effectiveness in working with others. Promotion potential to GS-6.

Personnel

No. A14-025, Computer Acquisition Specialist, DS-301-1, Code 1442 - The incumbent develops specifications to initiate Center-wide, centralized automatic data processing hardware and software contracts. On a day-to-day basis the incumbent will provide administrative support for selected ADP support/maintenance contracts. Evaluation Criteria: (1) Knowledge of Federal Acquisition Process, (2) ability to deal with in house and contractor personnel over contractual matters (3) familiarity with basic ADP technology and terminology. This is a developmental position with promotion potential to DS-2.

No. A14-026, Computer Systems Acquisition Specialist, DP-301/3, Code 1442 - This position is located in the Acquisition Management Branch of the Information Systems Resources Division, of the Information Systems Group. The incumbent will support the development and specifications for the initiation of automatic data processing hardware and software acquisition contracts, ADP maintenance contracts and related ADP resources acquisition efforts. The incumbent will also be responsible for providing liaison with financial, contracting, ADP approval and planning personnel in support of such ADP resource acquisition efforts. The incumbent may be required to provide day-to-day Contracting Officers Technical Representative support for selected ADP support/maintenance contracts. Job Relevant Criteria: Knowledge of ADP acquisition and specification development process; knowledge of the ADP total project development process; ability to interface with off-Center Navy review and approval officials; knowledge of the government procurement and contractural process.

No. 24-134, Administrative Assistant, DA-341-1, Code 24021 - Provides a full range of administrative and staff support services to the head of staff office and to division/program offices as assigned. Position is department focal point responsible for plant property records and coordination of department facility requirements, including Public Works interface. Elements: Knowledge of NWC plant property policies and procedures; knowledge of NWC procurement policies and procedures; knowledge of NWC budget and financial policies and procedures; knowledge of government administrative processes related to per-Promotion potential to DA-2

No. VX5-001-85, Budget Analyst, GS-560-No. 6917039N, code 08641 - This position is 9/11 - This position is assigned to Commander Operational Test and Evaluation Force (COMOPTEVFOR) and is located at Air Test and Evaluation Squadron Five (AIRTEVRON Five/VX-5) NWC China Lake, CA. This position is on the staff of the Chief Operational Test Director (COTD). The incumbent is responsible for the tracking and management of the Job Relevant Critieria: Ability to work budgetary aspects of the Projects Departrapidly and accurately; ability to interpret ment. General duties include coordinating and apply regulations; ability to work with COMOPTEVFOR on the transfer of project funds, keeping a running account of tion potential to GS-5. Previous applicants each project's financial status, assisting project officers and the COTD with cost No. 08-016 Fiscal Accounting clerk, GS- estimates, generating periodic financial 503-3/4/5, P.D. No. 7708082N, Code 08605 - status summaries, assisting with the The incumbent of this position serves as a budgetary aspects of contracts between mend a course of action. Ability to com- fiscal accounting clerk in the Disbursing AIRTEVRON FIVE and various civilian municate orally. Ability to communicate in Office, Accounting and Disbursing, Office agencies and providing guidance on writing. Knowledge of Data Base Ap- of Finance and Management. The incum- all budgetary matters. Job Relevant proaches. Knowledge of Automated Data bent will assist in the maintenance of jour- Criteria: Knowledge of the management of Processing ADP. Status Eligibles Ac- nals containing a record of all Public department level funds, working knowledge cepted. Previous applicants need not reap- Vouchers paid by the Disbursing Office; of the financial structure and procedures

nancial aspects of contracting with civilian agencies ability to represent AIRTEVRON FIVE to other agencies both orally and in writing and be compatible with a military working environment. This is not a Demonstration Project position.

No. CC-8520, Child Caregiver Supervisor, PS-0189-05, \$5.02 per hour, Permanent Full-Time plus benefits, Code 2234 - Incumbent is responsible for supervision of all personnel assigned to his/her facility; supervision of the food service program; for work schedules for his/her facility; planning an annual program that meets the developmental needs of the children; seeing that each Caregiver has a weekly lesson plan which reflects the annual plan; ensuring that the physical plant is a safe, clean, and cheerful environment. Incumbent may act as Director in the absence of the assigned Director. Incumbent will be a high school graduate or equivalent, will have completed 12 units of Early Childhood Development at college level, and have one year experience working with children at the pre-school level. Work requires long periods of standing and walking with recurring bending, crouching, and similar activities. This is not a Civil Service posi-

No. PC-002, Procurement Clerk (Typist), GS-1106-03/04/05, WESTNAVFACENGCOM at China Lake - SF-171 must be mailed no later than 10 May 1985. Send your applications to: Western Division, Naval Facilities Engineering Command, P.O. Box 727, San Bruno, CA 93066 (Attn: Code 09G, Carol Philips). For local information on this position call Greg Street, 939-3411 X340. Status eligibles may apply. Responsible for the clerical processing of documents pertinent to the administration of contracts. Elements: Knowledges of procurement regulations, procedures and guidelines. Abilities - research and interpret procurement and contracting regulations, procedures, and guidelines; organize, retrieve and record data; provide clerical support to an office.

No. 85-05-070, Procurement Assistant, GS-1106-06/07, WESTNAVFACENGCOM at China Lake - SF-171 must be mailed no later than 7 May 1985. Send your applications to: Western Division, Naval Facilities Engineering Command, P.O. Box 727, San Bruno, CA 93066 (Attn: Code 09G, Carol Philips). For local information on this position call Greg Street, 939-3411 X340. Status eligibles may apply. Receives contract funding authority. Prepares invitation for bids and requests for proposals. Analyzes bid and proposals. Investigates and recommends as to the acceptability of late bids. Receives and answers contract administrative type questions. Elements: Knowledge of procurement procedures and of office administration procedures. Ability to work effectively with others. Ability to communicate orally and in writing, to plan work and to adapt to shifting of priority work.

No. 26-153, Program Manager, DP-340-3, Code 2602 - The incumbent will be responsible for the design and implementation of the Public Works Department's computerized information system as a module of the Corporate Database. In this capacity, the incumbent will analyze the long-term information-system needs of the Public Works Department and its customers' design and conduct feasibility studies; propose alternative ADP solutions with necessary hardware, software, and cost information; prepare program specifications; design software quality assurance, configuration management, and test procedures; and specify hardware and software adequately for procurement. Job Relevant Criteria: Knowledge of and experience with on-line, real-time information systems. Knowledge of and experience with ADP hardware and software procurement assist in the preparation of checks; assist employed by NWC in the management and and contracting for ADP services. Knowl-

News & Notes

#### April 19, 1985

edge of databases and database management systems. Experience with data communications and in configuring computer hardware. Ability to analyze large, complex systems and to estimate costs and build cost models of complete computing systems including functions, software, and hardware. Demonstrated ability to communicate well both orally and in writing. Knowledge of Center ADP policies and standards. Knowledge of and willingness to support Federal EEO policies and goals.

No. 24-135, Clerk, GS-303-4, Code 24021 -Position is a "bridge-position" which provides qualifying experience to allow the individual to develop a career field as an Administrative Assistant. Incumbent participates in a career development program to learn (a) facility management (b) fiscal preparation and monitoring (c) plant property coordination and control (d) personnel policies (e) general administrative staff support. Candidates will be rated on the following criteria: (1) ability to learn NWC plant property policies and procedures (2) ability to learn NWC procurement policies and procedures (3) ability to learn NWC budget and financial policies (4) ability to interface effectively at all levels within the organization (5) ability to conduct surveys levels. and gather data from various sources (6) ability to express self in writing. Applicants are required to submit a supplemental statement sheet which describes how their background experience relates to each of the KSA elements described above. Promotion potential to DA-2.

No. 24-136, Safety Clerk, GS-303-4, Code 2405 - (2 Vacancies). Position is a 'bridge-position' which provides qualifying experience to individual to develop a career field as a Safety Technician, GS-019. Incumbent participates in a career development program to learn (a) safety and health laws (b) industrial processes and hazards and (c) mishaps investigation techniques. Upon completion of development program individual will perform journeyman level health monitoring duties in the NAVWPNCEN Workplace Monitoring Program of the Safety Program Office. Elements: Ability to learn safety principles, policies and regulations; ability to recognize safety health hazards; ability to work effectively with individuals and groups; ability to communicate orally and in writing. Applicants are required to submit a supplemental statement sheet which describes how their background experience relates to each of the KSA elements described above. Promotion potential to GS-8. Status applicants may apply.

No. 09-43, Staffing Assistant/Clerk, GS-203-4/5/6, Clerk-Typist, GS-322-4, Code 09201 - Provides staffing assistance to the Professional Recruiting Office and other Personnel Specialists. Serves as the point of contact with OPM for the Center's hiring authorities for scientists and engineers. Coordinates pre-employment trips for prospective Junior Professionals as well as all paperwork needed to hire. Oversees contracting process for paid advertising. Counsels applicants interested in Co-op employment or scientific and engineering positions. Elements: Knowledge: of staffing procedures. Ability: to deal effectively and tactfully with people of all levels; to plan, organize and prioritize work; to work independently.

No. A14-019, Program Analyst, DA-345-3, Code 14202 - This position as the Integrated Communications System (ICS) Program Analyst is located in the Communication Systems Division of the Information Systems Group. The ICS Program Analyst is responsible for performing life cycle economic analysis of the ISC Program including such elements as productivity increases, depreciation; performing cost tradeoffs and impact analysis; providing recommendations on current and projected ACP funding levels; and assisting division technical personnel in defining funding strategies for the ICS and its subsystems. Job Elements: Knowledge of NAVMAT ACP funding procedures and interface requirements to NAVMAT and the Navy Laboratories; knowledge of gov- 2805-10, Temproary NTE one year, Code ernment contracting practices and 26446 - This shop is responsible for the

policies: skills in mathematicial and economic analysis techniques and tools; ability to communicate effectively orally and in writing; ability to work well under pressure.

No. V14-021, Computer Specialist, DP334/3, Code 1432 - Incumbent provides systems programming support for the Information Systems Group (ISG) complex of DEC VAX computer systems. Installs new releases of DEC operating systems, compliers, utilities, and other DEC system software. Performs system tuning function for the DEC VMS operating systems and performance measurement analysis of the ISG computer systems. Develops local utility programs and subprograms for the ISG computers. Develops and publishes operational standards and guidelines for use of the ISG computer systems. Provides consulting services to users of the ISG computer systems. Provides consultation services to users of the ISG computer complex. Job Elements: Skill is use of the DEC VMS operating system and associated utility programs. Ability in system performance analysis. Ability to communicate effectively, both orally and in writing, with technical and managerial personnel at all

No. A 14-023, Interdisciplinary, Computer Scientist or Electronics Engineer, DP-2/3, 1550/855, Code 1422 - This position as a software engineer is located in the Network Management Branch. The prime function of this position will be to analyze, design, code, test documents, and maintain communication software. This software includes operating systems and application software (e.g. protocol converters, drivers, error event detectors) that are developed for communication systems. The incumbent will also analyze technology trends for communication software as it relates to existing and planned NWC networks. The incumbent will also be responsible to provide technical assistance to network users. Job Elements: Knowledge of computer-tocomputer networks such as Ethernet and DECNET; knowledge of protocol standards such as IEEE 802, X.25 and the ISO reference model; knowledge of communication control mechanisms such as token passing, ring etc; knowledge of baseband and broadband transmission techniques; experience in formalized software engineering standards and practices; experience with minicomputer and PC operating systems and utilities ability to work well with users under pressure and to adjust program changes; ability to communicate well, both orally and in writing.

No. 14-024, Computer Clerk, GS-335/3, Code 1422 - The incumbent will assemble, organize and input data into document entry format, maintain the documents, assist in their input into computer and assist in the maintenance of existing financial and and configuration control; knowledge of procurement data files. Job Relevant and experience in employing computerized Criteria: (1) Knowledge of basic operating data bases for scientific and engineering procedures for office automation equip- information handling and retrieval; MATE II, IBM 3270-PC etc.). (2) knowledge of procurement procedures, (3) knowledge of NWC financial procedures governing job er definitions.

No. 25-066, Lead Purchasing Agent, GS 1105-7, Code 2522 - Responsible for providing training and guidance to Purchasing Agents in the Section, and insuring that proper policies and procedures are utilized. Incumbent assists management in planning assignments, improving work flow and service rendered, promoting job satisfaction and increasing productivity. Incumbent functions as a contracting officer and ordering officer, is expected to be forward-thinking and servile-oriented in exercising all responsibilities. Elements: Knowledge: DOD and NWC small purchase policies and procedures; negotiation techniques; methods and requirements for price analysis. Ability: to deal effectively with personnel at all levels; work without close supervision; lead a work group. Skill in utilizing a computer terminal and management information system is desirable.

No. 26-149, Electrician Foreman, WS-

construction of buildings and equipment. packages and serves as the contracting of-Plans sequences of operations and work ficer's technical representative. Job Elesteps of employees supervised; interprets ments - Demonstrated ability to effectiveblueprints and instructions as required and ly manage and monitor employee prepares layouts and sketches; par- resources, task assignments, funding ticipates in a wide field of personnel matters. KSAs: K - of technical practices: of materials: of pertinent tools and equipment. A - to supervise; interpret instruc- ideas and concepts concerning exhibit protions, specifications, etc. Interest in and potential to manage people problems DOD rules and regulations concerning (EEO). Note: Applications must be audiovisual activities. To gather and synreceived no later than close of business thesize information and develop written April 29, 1985. Previous applicants need not proposals concerning exhibit requirements.

Management, DA-1640-2/3, Code 26302 -Conducts field investigations as necessary to assist in determining scope of work for preparation of man-hour estimates for lead and support branches for completing the Engineering Division's effort on each project. Elements: Knowledge: of ADP principles and reports. Abilities: to determine scope of work of mechanical, electrical, preparation of man-hour estimates; to establish and maintain good working relationships with all levels of the center; to support EEO program, policies and goals. Promotion potential to DA-3.

No. 26-152, Administrative Officer, DA-341-3, Code 26303 - This position is located in the Engineering Division, Public Works Department. The incumbent provides administrative support to the Division. Duties include budget, administration, personnel, organizational management, contract monitoring, facilities, and various other administrative functions. Provides administrative support to the Facilities Planning Board Screening Committee. Job Relevant Criteria: Ability to investigate and analyze problems in order to establish effective administrative systems; ability to interpret complex written material pertaining to financial management, contract administration, plan account and facilities; ability to make clear written and oral presentations. Knowledge of Facilities Planning Board procedures are desirable.

No. 31-141, Engineering Data Management Specialist, DS-301-1/2, Code 3108 -Provides product assurance support to the computer software development and maintenance projects of the department. Incumbent to this position is the Director of the Weapons Systems Software Office Data Center. The Data Center provides data management and configuration control support to these product assurance efforts. Projects supported include AH-1, A-6, A-7, AV-8, F/A-18 and Mission Support Systems. Elements: Knowledge of and experience in applying Navy policies and procedures for software engineering, data management ent workstation (i.e., Xerox Star, DEC- knowledge of and experience in the management and control of data items produced under contract; knowledge of and experience in planning, organizing, developing and implementing procedures for software data management and configuration control operations; knowledge in managing a data center or an equivalent operation, including planning, budgeting, obtaining contract support services and directing the staff in daily operations. Promotion potential to DS-3, however promotion is not guaranteed. Previous applicants need not reapply.

> No. D-34-020, Visual Information Specialist (Exhibits), DP-1084-3, PAC 8534556, Code 34401 - Incumbent is responsible for managing a comprehensive exhibits program in support of NAVWPNCEN mission activities. Required to effectively interface with Center management, Program managers and Project leaders. Advises Center personnel on policies and regulations effecting NAVWPNCEN exhibits requirements. Formulates plans and proposals that coincide with NAVWPNCEN mission requirements. Coordinates the design, development and production of various exhibit projects through the use of preparations; prepares sole source either in-house or contract resources.

electrical upkeep, maintenance, repair and Develops contract acquisition requirements sources, space assignments and plant property items. To readily understand client requirements and effectively communicate gram requirements. To interpret Navy and To be knowledgeable of contemporary No 26-151, Supervisory Facility graphic design principles and skilled in applying them to the design and fabrication of exhibit projects. To be knowledgeable of DOD contract policies and demonstrate the ability to write work statement requirements and effectively interface with contract specialists and authorized contract personnel. This is a status eligibility posi-

No. 35-043, Engineering Data Managecivil and architectural disciplines for ment Specialist, DS-301-1/2, Code 3556 -Incumbent responsible to Configuration Manager in the area of control of master engineering documentation and software that defines the configuration of the various systems/subsystems existing at the EWTES Facility. The work schedule is the "First Forty" hours. KSAs: Knowledge -Basic understanding of documentation/ media change control, status accounting, and custody techniques. Skill - Basic data management skills, particularly in configuration control areas as required to meet qualifications for DS-1 or DS-2. Ability - to effectively communicate both orally and in writing and deal with technical and management personnel at all levels. Promotion potential to DS-2. Previous applicants need not reapply.

> No. 31-145, Interdisciplinary, Mechanical/Electronics/Aerospace/ Industrial Engineer, Physicist, Operations Research Analyst, Mathematician, Computer Scientist-DP-830/855/861/896/1310/ 1515/1520/1550-3, Code 3111 - This position is that of AV-8B Weapon System Support (WSSF) System Integration Engineer. The branch develops, operates and maintains the AV-8B Weapons System Support Facility (WSSF) consisting of three avionics work stations and a real-time simulation running on several DEC VAX-11C/11/780 computer systems. The incumbent is responsible for planning and controlling WSSF system integration and coordinating WSSF system implementing and testing. Elements: verbal and written communication skill, team management skills, knowledge of real-time simulation, hardware and software training or experience, aircraft avionics experience. Status eligibles may apply. Previous applicants need not

> No. 31-147, Administrative Officer, DA-341-2/3, Code 31902 - Position is the Administrative Officer for the Systems Engineering Division. Incumbent identifies administrative and management problems within the scope of the division and recommends alternatives. Incumbent is responsible for project and overhead financial management, personnel management, contract management, equipment acquisition and space resource planning and projection and participates in division and department administrative and management meetings. Incumbent also provides direction and guidance to the administrative staff. Elements: Ability to exercise fiscal controls under NIF system; knowledge of personnel procedures, standards and functions. Ability to administer management policies and guidelines. previous applicants need not reapply.

No. 31-154, Procurement Clerk, GS-1106-5, Procurement Assistant, GS-1106, 6/7, Code 31B2 - As a member of the Pre-Procurement Group, incumbent assists department management and technical personnel prepare acquisition packages for materials, supplies, equipment and services. Provides advice on proper procurement procedures; coordinates requisition justifications, ADPE approved requests and

uisitions through the system; interfaces with Code 31 Contract Specialist and the acquisition procedures and the NWC financial system; the legal and/or administrative requirements associated with sole source, ADPE, TEMS, DIPEC and foriegn purchases; ability to work effectively with personnel at all levels within the Department and NWC. Promotion potential to GS-7. Status eligibles may apply.

345-3, Code 3107 - Position is that of Business Manager in the F/A-18 Weapon System Software Activity. Incumbent provides administrative management support to the Program Office and is responsible for budget formulation, implementation, and execution, all resource planning for the F/A-18 Program, and contract planning and management for the F/A-18 Prime Contractor. Provides administrative direction and guidance to the Program technical staff. Elements: Knowledge of NWC and NAVAIR financial operations; knowledge of NWC contracting procedures; knowledge of NWC personnel policies and standards; ability to communicate orally and in writing; ability to deal with all levels of technical and management personnel; ability to manage and coordinate multiple tasks. Status eligibles may apply. Promotion potential is DP-3.

No. 31-156, Multidisciplinary, Computer Specialist, Quality Assurance Specialist, Program Analyst, DS-334/1910/345-3, Code 3107 - Position is that of Software Manager for all F/A-18 Tactical Software in the F/A-18 Weapon System Support Activity. Incumbent manages the failure reporting system, System Trouble Reports, and schedules, coordinates, monitors and evaluates all Quality Assurance and Configuration Management tasks for the Program Office. Acts as the Secretariate for the Operational Advisory Group/ Maintenance Advisory Group (Fleet Meetings) for prioritization of software problems, and is the Program Office point of contact with NAVAIR, the Fleet, other Navy Labs, contractors, and Foreign Military Sales customers for software management for the F/A-18. Elements: Basic knowledge of software documentation and aircraft avionics systems operations; basic management skills, particularly in configuration management and quality assurance; ability to communicate both orally and in writing; ability to deal with all levels of technical and management personnel. Eligible DS-2's are encouraged to apply. Promotion potential to DS-3.

No. 31-157, Electronics Technician, DT-856-3, Code 3107 - Position is that of Software Manager for all F/A-18 Tactical Software in the F/A-18 Weapon System Support Activity. Incumbent manages the failure reporting system, System Trouble Reports, and schedules, coordinates, monitors and evaluates all Quality Assurance and Configuration Management tasks for the Program Office. Acts as the Secretariate for the Operational Advisory Group/Maintenance Advisory Group (Fleet Meetings) for prioritization of software problems, and is the Program Office point of contact with NAVAIR, the Fleet, other Navy Labs, contractors, and Foreign Military Sales customers for software management for the F/A-18. Elements: Basic knowledge of software documentation and aircraft avionics systems operations: basic management skills, particularly in configuration management and quality assurance; ability to communicate both orally and in writing; ability to deal with all levels of technical and management personnel. Eligible DT-2's are encouraged to apply. Promotion potential DT-3.

No. 32-165, Engineering Technician, DT-802-2/3, Propellants Branch, Code 3272 primarily ordnance-related projects from support NWC's EEO program and policies. that generally accepted design practices General/Mechanical/Electronics/ in discharging the Center local ADP ap- position, send a current SF-171 to F.J.

draftsmen to produce blueprint/ documentation packages. Elements: Code 31 Buyer: conducts follow-up with Knowledge of design practice using neces-Supply personnel. Elements: Knowledge of sary grooves, o-rings, lock rings, lock wires Navy Supply System and how it is in- and required wall thicknesses of metals; of tegrated with the local Supply Department drafting/mechanical drawing; of materials, such as, steels, aluminums, alloys (brass and bronze), rubbers, plastics, graphites. Ability to perform mathematical calculations using the fundamentals of algebra, geometry, trigonometry, and physics; to produce documentation packages; and to write technical reports.

No. 32-166, Interdisciplinary Supervisory No. 31-155, Program Analyst, DA/DP- Chemical Engineer, Research Chemist, DP-893, 1320R-3/4, Code 3264 — Incumbent serves as head of the newly formed Explosives Formulations Branch. Incumbent will lead a branch engaged in scale-up perimental explosives formulations, bind- word processing equipment proficiently. ers, liner materials, and inert simulants. Status eligibles may apply.

and senior technicians in the design and test of these models. Assists senior technicians in maintenace of ordnance control records, shipping and receiving plus local transportation of ordnance items. Job Elements: Knowledge of testing procedures and techniques. Ability to read and interpret engineering drawings and specifications. Ability to design and fabricate small mechanical parts. Familiarity with desktop computers helpful.

No. 35-048R, Interdisciplinary (General/Electronics Engineer/ Physicist/Mathematician/Computer Scientist), DP-801/855/1310/1520/1550-1/2/3, Multiple Vacancies, Code 3512 - Incumbent designs software and/or develops mathematical models for computer simulation of electronic countermeasures, tracking radar systems, and/or aircraft platforms. Work is coordinated with that of other team members. Experience with realtime programs and VAX computers is desirable. Send an updated SF-171 to Terry Wilson, Code 3512. Previous applicants need not reapply.

No. 35-050, Engineering Technician, DT-02-3. Code 3546 - This position is that of Fallon Electronic Warfare Range Project Engineer, Incumbent performs range configuration studies, prepares threat site range modifications/additions (MILCON) with government and contractor participants, monitors fabrication of in-house or contractor developed interface hardware, and maintains range development schedules. KSAs: Knowledge of project management and project scheduling techniques. Familiarity with range systems, facility construction or threat simulator techniques is desired but not required. Must be able to communicate effectively both orally and in writing. Must be able to coordinate efforts of a diverse in-house and contractor development team. Promotion potential: DP-3.

No. 36-227, Interdisciplinary Supervisory Technician/Quality Assurance Specialist, DP-802/1910-3, Code 36823 - This section head manages one or more quality assurance teams which support NWC technical programs. Substantial travel is required. Elements: Ability: to provide technical and managerial direction to subordinates in the quality assurance Incumbent works independently and with discipline; to communicate well both orally engineers and scientists on design and and in writing; to supervise a diverse work fabrication of hardware needed to support group. Knowledge: of and willingness to

conception through completion. Ensures No. 36-228, Interdisciplinary Supervisory

Buy American exemptions; expedites req- are met, and works with engineers and Electrical/Aerospace/Industrial logical progression of actions toward a Engineer/Physicist, DP-801/830/855/850/ 861/896/1310-3, Code 36823 - This section head manages one or more quality assurance teams which support NWC technical programs. Substantial travel is required. Elements: Ability: to provide technical and managerial direction to subordinates in the quality assurance discipline; to communicate well both orally and in writing; to supervise a diverse work group. Knowledge: of and willingness to support NWC's EEO program and policies.

No. 36-232, Editorial Assistant, GS-1087-4/5/6. Code 3656 - Incumbent will edit, maintain and revise specifications, standards and related documents used in the procurement of weapon systems developed by NWC. Elements: Knowledge: of basic military documentation format; or proper chemical synthesis procedures of new ex- grammar, punctuation, spelling and plosives materials, and development of ex- related editorial processes. Ability: to use

No. 36-230, Computer Specialist, DS-344-Elements: Knowledge of chemical syn- 1/2/3, Code 3657 - Incumbent is to assist thesis and formulation procedures for the Computervision facility system energetic materials; of and willingness to manager with day-to-day CAD/CAM support the Federal EEO program and system management functions and policies. Ability to lead and contribute to a troubleshooting. This includes interfacing scientific organization; to manage and with the service center's customers at both motivate personnel. Promotion potential to the central facility and remote sites. Ele-DP-4 if filled at DP-3, but not guaranteed. ments: Knowledge: of basic system management functions; of retrieval of files No. 33-012, Mechanical Engineering from backup and archive tape libraries; of Technician, DT-802-1/2, Code 3356 - Per- building disk packs from software tapes; of forms fabrication, assembly, test and in- installing new software releases and verispection of small precision explosive com- fying software performance; of performing ponents and models of developmental ex- customer maintenance functions. Ability: plosive trains. Assists project engineers to design tests and analyze results in order to isolate/identify problems; to execute

#### April 19, 1985

solution; to document problem symptoms and solutions for future reference; to communicate effectively with people.

No. 36-233, Clerk-Typist, GS-322-3/4, Code 3681 - Provides clerical support to Soldering Technology Branch and Soldering School. Elements: Knowledge: of filing; of preparation of purchase stubs for materials, equipment and excess materials. Ability: to perform receptionist and telephone duties; to type correspondence from rough drafts; to operate IBM Mag Card II typewriter

No. V62-019, Equipment Specialist (Materials Handling Equipment), DS-1670-3, Code 6211 — The incumbent is responsible for the development, installation, monitoring, and revision of a program to oversee the use, maintenance acquisition and repair of material handling equipment used by the Ballistic Test Branch/Skytop. Within this program is included the provision of training on the safe use, operation and maintenace of assigned equipment to Branch Personnel. Evaluation Criteria: (1) Knowledge in the overhaul, maintenance modification and operation of ordnance material handling equipment; (2) ability to read and interpret blueprints, work orders. engineering change orders, supply and production manuals; (3) ability to survey field operation in order to recommend effective changes to improve efficiency (4) ability to arrange for and to conduct conferences and training sessions; and ability to represent the branch in dealings with contractors and representatives of other organizations on specific equipment and operational problems.

### Secretarial opportunities

This column is used to announce secretary positions for which the duties and job relevant criteria are generally similiar. 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 dissimiliar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grades, administrative functions become predominant. At the higher levels, secretaries apply a considerable knowledge of organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria indicated below

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

Supplemental Qualifications Statement and reapply. layouts and site requirements, coordinates most current Performance Assessment along with SF-171. Part-time - 32 hours per week. Status eligibles accepted.

No. 26-150, Secretary (Typing), GS-318-4, the Planning Branch. Knowledge and working skill on an IBM PC required.

No. 00-012, Secretary (Typing), GS-318- the Head, Threat Simulator Systems 5/6. Code 022 - Position provides clerical, Branch. Xerox 860 experience desired. typing, and other administrative support to Supplemental required. Promotion potenthe Staff Judge Advocate. Please provide tial: GS-5. Previous applicants need not

No. 35-049, Secretary (Typing), GS-318-4/5, Code 3555 - Incumbent provides secretarial and clerical support to the Test Code 2638 - Provides secretarial support to Operations Branch. The work schedule is "First Forty" hours. If selection is made at the GS-4 level, there is promotion potential No. 35-045, Secretary (Typing), GS-318-4, to the GS-5, however it is not guaranteed

ode 3546 - Provides secretarial support to Supplemental required.

#### 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 encourged 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.

Computer Scientist,

No. 14-018, Interdisciplinary Physicist, proval authority, participates in coor-Elec- dinating and planning of Information activtronics/Aerospace/General Engineer, ities across the Center, and conducts DP-1310/1550/855/861/801-3, Code 1441 - special Information Resources related Incumbent is the assistant to the Center In- studies. A background in computer apformation Resources Manager and assists plications is desirable. To apply for this