

SHOWING SKILLS — At a bicycle gymkhana sponsored last Saturday by the Panamint Tribe of the YMCA Indian Guides, a youngster gets a hand in demonstrating how well he can ride his hot wheels. Nearly 30 youngsters between 5 and 10 years of age took part in the "Longhouse Event." China Lake police assisted by registering any bikes not previously registered and paramedics from the Fire Division were on hand in case any of the riders took a spill. — Photo by PH2 Rick Moore

# April Health Fair planned; volunteers sought to help

Drummond Medical Group and the Ex- for \$12.00, an optional 33-part blood chemchange Clubs of Ridgecrest have joined istry/hematology screening. The screenforces for the first time to co-sponsor ings are not intended to replace a thorough Health Fair Expo 1986.

This community service was initiated in sponsored in part by KNBC/Channel 4, examinations. Chevron U.S.A., the Hospital Council of Community Hospital.

will offer free screening for height and tion office at 446-3551, ext. 372.

Ridgecrest Community Hospital, weight, blood pressure, anemia, vision and, physical examination by a physician, and those with apparent abnormalities will be Southern California nine years ago and is urged to consult a physician for follow-up

Over 100 volunteers will be needed to Southern California, and the American Red assist with the various screenings and reg-Cross. With over 100 participating sites, istration on the day of the fair. Prior to the Health Fair Expo has grown to be the larg- fair, training sessions are planned. These est of its kind in the country. The fair date sessions will help the volunteer to have a for Ridgecrest has been set for April 19th at better understanding of his/her role at the Drummond Medical Group and Ridgecrest Fair. Persons interested in helping are encouraged to attend a meeting Thursday, The purpose of Health Fair Expo is the March 6, 7:00 p.m. in the Ridgecrest early detection of abnormalities and the Community Hospital Conference Room promotion of health awareness. The fair (Annex Building) or may call the Educa-

# Immunizations to be given

Parents whose-children do not have all the Hib vaccine. Charge for Hib vaccine is the recommended immunizations will have \$11, and that is not included in the \$5 maxthe opportunity to have this done for a imum. minimum cost at the Kern County Health Department office, 250 W. Ridgecrest Blvd. in Ridgecrest, Monday from 8 a.m. until noon. Appointments are not necessary.

In addition to protection against polio, diphtheria, tetanus, whooping cough, munization is \$2, with a maximum charge form. of \$5 per family visit with the exception of

ries a fifteen year exchange guarantee.

art to sell at \$99 or less.

with no interest charged.

The Patrician Premium Collection offers

Credit cards, insurance forms or large bills will not be accepted in payment. Medic-Cal stickers will be honored; Child Health and Disability Prevention Program children will receive Hib vaccine without

These immunization clinics are offered measles, rubella and mumps, a new for children between the ages of 2 months Haemophilus influenza type b (Hib) vac- and 17 years, and a parent or guardian cine will also be offered. Cost of each im- must accompany the child to sign a consent

### CLAS to meet

How to make a backyard into an astronomical observatory is the topic that William Weiss will talk about at Monday's meeting of the China Lake Astronomical Society. The meeting will begin at 7:30 p.m. at the Ridgecrest Branch of the Kern County Library, 131 E. Las Flores in Ridgecrest.

emplifies Patrician, including 99 works of In addition, Weiss will discuss telescope making and mirror grinding, and the first The Patrician Investment Club will be half of a PBS television program entitled available on purchases of \$500 or more, "Creation of the Universe" will be shown.

All interested persons are invited to at-So, whether an art collector, just decora-

### FEB. 28, MAR. 'DEATH WISH III"

Genealogists looking for help microfilming (RIM) project in the Eastern Library for training and assignments. vate lawns, and get plants in for the sum-Kern County area. The work is being done mer. Also, it's reminded those whose under the direction of the California State garden tools need repair or replacement Genealogical Alliance.

WACOM art auction slated tonight

offered to tantalize the taste buds.

While browsing around enjoying the ex-

A \$1 per person donation is being re-

quested and hourly door prizes will be of-

fered, including two major prizes valued at

volved with the inventory phase of the RIM 375-3459.

Volunteers are being sought by the Indian project. A meeting of potential volunteers Wells Valley Genealogical Society to assist will be held tomorrow morning at 10 a.m. in with an extensive record inventory and the Ridgecrest Branch of the Kern County

Further information can be obtained from RIM committee coordinators Susanne The IWV Genealogical Society will be in- Esch Fountain, 375-7902, or Joyce Hibberts,



# Roundup

Guest artist for the month of March at the Sylvia Winslow Gallery of the Maturango Museum is Kolan Peterson, watercolorist. Peterson's work reflects his love of the outdoors in the strong, crisp, vivid colors and creativity of his pictures.

hibit, a variety of wine and cheese will be a spectacular varied selection that ex-

Starting at 8 p.m., Patrician Galleries ting a home or office, or just looking, this is

will begin auctioning the art works. Each one experience that shouldn't be missed.

He has taught extensively, and is author of two books on watercolor. Peterson and his wife, Sharon, will be honored at a reception on Sunday from 2 to 4 p.m. at the museum. All interested persons are invited to attend and meet the artist. The Maturango Museum building fund will benefit for the sale of any of the artist's

The Chief Petty Officer's Mess invites authorized patrons and guests to enjoy a suc-

culent prime rib dinner being served from 5 to 9 p.m. tonight.

The Enlisted Mess will be having Disco this Wednesday from 8 to 11:30 p.m. Music will be provided from the band UPSTAGE. Reservations are not required.

Dr. Pierre St.-Amand will talk about the past, present and future of the IWV Airport District at next Wednesday's meeting of the Experimental Aircraft Association. All interested persons are invited to attend the meeting, which will begin at 7:30 p.m. in the Ridgecrest Branch of the Kern County Library, 131 E. Las Flores.

Charles Bronson and Deborah Raffir (Drama, rated R. 89 min.) SATURDAY SUNDAY "EXPLORERS" Ethan Hawke and River Phoenix (Fantasy/Adventure, rated PG, 109 min.)

VEDNESDAY

MA "VOLUNTEERS" Starring Tom Hanks and John Candy (Comedy, rated R, 107 min.) "REAL GENIUS" (Comedy, rated PG, 106 min.) rting Times: Matinee / 2 pm Evening / 7 pm PGI ALL AGES ADMITTED AL RESTRICTED \* U.S. Government Printing Office

PLACE HERE



# Laboratories reassigned to SPAWARSYSCOM

On Monday Secretary of the Navy John transfer of COMSPARWARSYSCOM aligns them more appropriately to the of control will be realized with the transfer Lehman announced the reassignment of hardware procurement responsibilities to systems commands material and technical of the R&D centers to COMSPARWARresponsibility for management of the Navy Research and Development Centers and university laboratories from the Chief of Naval Research (CNR) to the Commander, Space and Naval Warfare Systems Com-

the Commander Naval Air Systems Command and the Commander Naval Sea

Assignment of the Director of Naval Laboratories and R&D centers to Navy's top level systems engineering mand (COMSPARWARSYSCOM), and the SPAWARSYSCOM for administration

support organization. This assignment also provides efficient administration and system integration of the R&D centers procurement responsibilities will allow him technical support operations under the command. Efficiencies and improved span

SYSCOM. Conversely, transfer of the COMSPAWARSYSCOM present hardware to concentrate on his warfare systems architecture and warfare systems engineer-

Effective this date, the functions and resources of the Director of Navy Laboratories (DNL) and the following eight R&D centers are transferred from the CNR to COMSPARWARSYSCOM under the Chief of Naval Operations: Naval Air Development Center, Warminster, Pa.; Naval Coastal Systems Center, Panama City, Fla.; Naval Ocean Systems Center, San Diego; Naval Underwater Systems Center, Newport, R. I.; Naval Weapons Center, China Lake; David W. Taylor Naval Ship Research and Development Center, Bethesda, Md.; and Naval Personnel Research and Development Center, San

Management and oversight responsibility for the following university laboratories is concurrently transferred from CNR to COMSPARWARSYSCOM: Applied Physics Laboratory, Johns Hopkins University; Applied Physics Laboratory, University of Washington; Applied Research Laboratory, Pennsylvannia State University; and Applied Research Laboratory, University of Texas.

All functions and resources (billets, positions, personnel, headquarters ceiling and financial and material support) associated with the original transfer of the DNL and the R&D centers from the Naval Material Command to CNR will be transferred to COMSPARWARSYSCOM.

# New procedure speeds aircraft refueling task

Since time is money, the Naval Weapons craft from about 90 minutes to less than Center could realize substantial savings by half an hour. cutting time needed to refuel aircraft, thanks to a new refueling pantograph.

HOT REFUELING — With both jet engines idling, Cdr.

Jack Paschall's F/A-18 takes on a full fuel load from

NWC's new refueling pantograph. Sailors from the line

The pantograph, consisting of an arrangement of swivel pipes, a length of hose the restart checklist and taxi away. and a nozzle, can be used to "hot refuel" aircraft in less than one fourth the time needed for standard refueling operations at the airfield.

Lt. John Dean, head, Aviation Supply Division, noted it saved line crews a lot of

Normal procedure calls for the aircraft and crews to taxi, shutdown, go through the shutdown check, take on fuel, go through

When Cdr. Jack Paschall brought his FA-18 in for 1,250 gallons of JP-5 jet fuel recently, he taxied to the installed refueling pantograph and in less than 15 minutes his fuel gauges read full and the aircraft was on its way down.

In fact, the refueling section of Aviation

Supply Division needed only 25 minutes pleting the project. from the time they got a call asking for refueling until Cdr. Paschall was taxiing away from the pantograph.

- Photo by PH2 Rick Moore

crew make the connection to the fuel tank with the

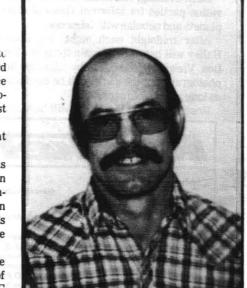
pantograph nozzle. (Please see additional photos on

Built with parts from a system obtained from NAS Oceana, the refueling pantograph was largely a self-help project planned and funded by the Aircraft Department with assistance from Public Works, according to Reuben Gomez, manager of Fuel Branch of the Aviation Supply Division. Gomez credited ABF2 R. L. Read for doing most of the work in com-

Lt. Dean said the refueling pantograph is now fully operational and will be used on a regular basis. He also said there might be more of these stations constructed at Armitage Airfield after this initial one was fully evaluated.

Under this new system, the fuel truck remains a safe distance away from the aircraft, with nearly 100 feet between the tanker and the jet being fueled.

The refueling pantograph is expected to make refueling both quicker and easier with adverse safety impacts. This in turn should result in savings of time on the part of pilots and line crews at China Lake.



Michael O. Hartney

# Cost analysis expertise brings about Technical Director's Award for Hartney

week - he became the first person in Cen- and on Sparrow PIP. tral Staff to win a Technical Director's

As Burrell Hays, NWC Technical Director, made the presentation, he pointed out credibility to cost analysis is a hard challenge.

"Not only have you brought credibility to cost analysis," Hays told Hartney, "you have thereby brought credibility to the Center. You are nationally, if not internayou. Such integrity is very, very impor-

Hays noted that Hartney was being recognized especially for recent efforts of analyzing costs on AMRAAM on a study

"You've really done well," Hays told the operations research analyst. "I can't thank his time between several demanding proyou enough for your contribution."

An obviously surprised Hartney expressthat an important part of any program was ed his appreciation for the award, saying to determine its cost, and that bringing although "It has been a lot of work, I've gotten a lot of support from my compatriots. This is a super organization to work in. Mostly, though, I'm speechless by this recognition."

Both Dillard Bullard, head of the Weapons Department, and Dr. R. E. tionally, known. Your integrity precedes Kistler, head of Central Staff, wrote letters defense of our country in general." of nomination for Hartney this highest award that can be presented by the Technical Director.

Bullard said of Hartney that "His knowledge of the acquisition process for tactical rently working in the Weapons Cost Analydone for Secretary of Defense Caspar missiles and the cost of development, pro-

Michael O. Hartney achieved a first this Weinberger, on a study on Outer Air Battle, duction, logistic support and integration to aircraft platforms is outstanding." Bullard also praised Hartney's ability to balance gram sponsors while providing the highest quality product to all.

> Dr. Kistler's recommendation said that he concurred most heartily with Bullard.

His letter added that "Mike Hartney has become a recognized national authority in the field of cost analysis and as such is continually being sought after to participate on the various cost panels for study programs of major interest to the Navy and to the

Hartney, who holds a bachelor's degree in economics from the University of California at Davis, has been an NWC employee since January 1972. He is cur-



Exhibition, scheduled for tonight at the

Commissioned Officers' Mess, should be

Beginning at 6 p.m., viewers will be able

to inspect the works being offered by

award-winning artists such as Kelly,

Rockwell, Delacroix, David Lee, Dali,

Alvar, Boulanger, Chagall, Picasso, Miro, and many others. The types of art available

will include limited edition prints,

The gorgeous spring weather has in-

spired gardeners to clean up yards, reno-

To help all these gardeners, the Navy

Exchange Garden Shop has a series of

specials to make the yard refurbishing

easier on the family budget. The special

sale began last Wednesday and continues

No rain checks will be given on sale

In addition to the sale, the NEX an-

nounces that the music department now

carries compact discs and other new mer-

that they'd better get that done now.

another whopping success.

**NEX News** 

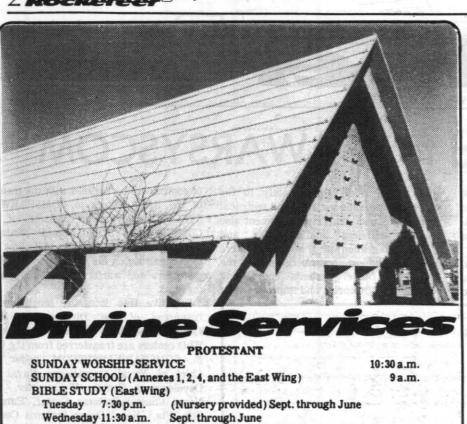
merchandise.

Airfield.

Gust Max -70 9 knots Sat 72 34 Mon. 86 Tues. 86 Thurs, 89 All measurements are made at Armitage

9 knots 9 knots 8 knots 7 knots 10 knots 11 knots

February 28, 1986



Officer's Christian Fellowship

Christian Military Fellowship

ROMAN CATHOLIC

**JEWISH** 

Chaplain J. Milton Collins, Capt., CHC, USN

Chaplain A. J. Smith, Cdr., CHC, USN

Chaplain Jason E. Knott, LCdr., CHC, USN

First aid for burns can prevent serious troubles

Doing the wrong thing for a burn in the third degree, depending on how deeply the first few minutes can cause painful and disfiguring consequences. The Kern County red and painful, but not blistered. If cooled Fire Department has issued the following recommendations for best first aid for a

Cool the burn area with water. This is essential because skin will continue to burn even after the fire or heat source is removed. Cover with clean cloth.

NEVER use ice to accelerate the cooling process. This is too extreme and might damage the skin further.

DO NOT use ointments, grease, butter or any vaseline-type creams. These tend to hold the heat in which allows the "cooking"

skin is damaged. First degree burns are with water promptly, this burn should heal on its own. A second degree burn is blistered and painful. Third degree is white, brown or charred and may be painless, due to nerve destruction. Second and third degree burns require medical treatment, but they also need first-aid. Cool with water, cover with clean cloth, and keep the victim quiet and warm until med-

Remember, cool with water, cover with clean cloth and seek medical attention. Don't take burns lightly, complications can

# New germ resists penicillin

a new type of gonorrhea in the United States is resistant to treatment with penicillin. Penicillinase Producing Neisseris gonorrhea (PPNG) is a serious health threat.

PPNG, like most sexually transmitted diseases, is contacted through casual sexual contact, particularly through pro-

As the name of the germ implies, it is resistant to penicillin as well as to many of the antibiotics used in the past. Any temptation to self-medicate should be avoided without first establishing the diagnosis. Taking penicillin or any antibiotics left Department at (805) 861-3651.

The Centers for Disease Control note that over from previous illness or borrowed from friends may appear to have relieved the symptoms, but may actually result in spreading the disease. In addition, the disease may become more resist to treat-

> Treatment of this gonorrhea should not be taken lightly; this means following doctor's instructions very carefully. Identifying and treating all sexual contacts is equally important.

For more information of gonorrhea, PPNG, or other sexually transmitted diseases, call the Kern County Health

# Rosenthal to lecture on Comet Halley for Club Med

9:00 a.m.

11:35 a.m.

11:35 a.m.

10:30 a.m.

7:30 p.m.

9a.m.

9 a.m.

8:15-8:45 a.m.

4:30-5:00 p.m.

During four key viewing weeks, Dave Rosenthal, an electronics engineer in the Naval Weapons Center's Aircraft Department, will be presenting programs on the Comet Halley for Club Mediterranee on the island of Moorea, near Tahiti.

Thursday 7:00 p.m.

CONFESSIONS (Sunday)

CONFESSIONS (Friday)

COMMUNION SERVICE (Monday)

DAILY MASS (Tuesday through Friday)

WEEKLY SERVICES (Friday, East Wing)

ADULT EDUCATION (Saturday, Annex 4)

RELIGIOUS SCHOOL (Sunday, Annex 95)

RELIGIOUS EDUCATION CLASSES (Sunday) Sept. to May

SUNDAY MASS

Currently an engineer working on electrical and electronics aspects of converting F-86Fs to QF-86F full scale aerial targets, Rosenthal has been with NWC since 1979.

Club Mediterranee (better known as Club Med) has engaged Rosenthal to present a wide variety of programs, ranging from discussions and telescope observations of the comet to informal sunset gatherings on the beach to learn more about what's in the

Rosenthal notes there will be a variety of naked-eye objects and phenomena to see during colorful sunsets that change from

Other activities include daily audio-visual presentation on Comet Halley giving historical background information and a general overview of what comets are and how they fit into the solar system.

Each evening, Rosenthal will host observation parties for informal views of stars. planets and nebulae with telescopes.

After midnight each night, the Comet Halley will become the main focus of attention. Viewing of the comet by telescope and photography of the comet will be conducted as long as possible each night.

twilight during much of March. By early April the comet becomes visible just after midnight and by the end of the second week in April, it will rise well before midnight for excellent viewing opportunities.

Daily presentations will include a short update on the comet's status and where it will be in the sky for that particular night's

Rosenthal also plans to include information on the Voyager deep-space probes, meteor showers, plans for a space telescope and how the view from Tahiti is different than from other parts of the world.

Several years ago Rosenthal decided he wanted to get a really good look at the Comet Halley as sort of a highlight to 11 years of serious interest in astronomy.

The best way to accomplish this goal, he decided, was to combine his scientific and technical backgrounds with his exerience as a journalist. For two years he has produced a weekly show for broadcast on Radio Earth, a shortwave radio network, covering astronomy and what to see in the sky. Called "Skyline," Rosenthal's program has been bringing ast features, news, interviews and a what'sin-the-sky type show to listeners in the United States, Canada, the Caribbean, Europe and the Mid-East. He noted they recently expanded coverage to Latin America as well. "Skyline" has been one of Radio Earth's most popular programs.

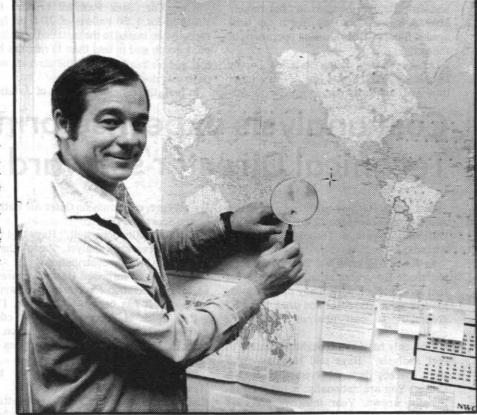
commercial use of the short wave radio spectrum on an international basis.

With a wide background in bringing astronomy to the general public through 'Skyline" and activities with the China Lake Astronomical Society, Rosenthal approached Club Med officials with the idea of bringing this kind of informational program to guests at Moorea, leading to this

During his March 14 to April 17 stay at Club Med, Rosenthal will also represent the International Comet Halley Watch. transmitted on a regular basis to the West Coast Comet Watch headquarters at the Jet Propulsion Laboratory. He will also provide photos to KCBS-TV in Los Angeles as Comet Halley makes its closest approach to earth during this visit.

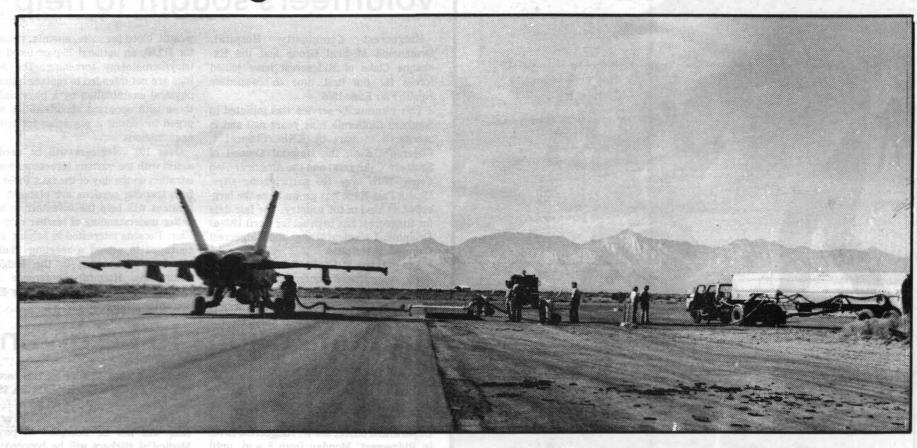
Locally, Rosenthal said the comet will be low in the southeastern sky from March 8 to March 24. Look for it about 10 degrees above the horizon just before dawn.

Oh yes, Comet Halley will not return for another look see until 2061.

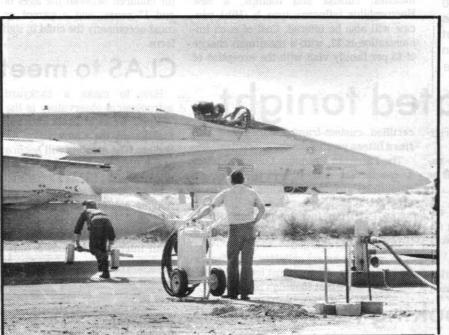


HALLEY WATCH - Dave Rosenthal, an NWC electrical engineer, will leave for Tahiti and the island of Moorea soon to spend four weeks lecturing on the Comet Halley at Club Med on Moorea. Tahiti is such a small speck in the ocean on any world map he needed a magnifying glass to get a good look at the location.

# Hot refueling becomes more routine at NWC



SAFETY FIRST — Throughout hot refueling operations with the refuel ing pantograph, the fuel truck remains more than 100 feet from the aircraft and its hot jet engines.



WAITING - Fire extinguishers are manned and ready as a safety precaution as the F/A-18 waits to take on a load of fuel from the refuel ing pantograph.

Photos by PH2 Rick Moore

On February 5, 1986, the first phase of a ment of R&D centers under COM-

three-phase plan was executed to begin the SPAWARSYSCOM and revision of COM-

sibilities to COMNAVAIRSYSCOM and with CNR to effect the transfer of

changes, including appropriate realign- the Office of the Chief of Naval Research.

resources

tranfer of COMSPARWARSYSCOM's SPAWARSYSCOM mission and functions.



HOOKUP - Cdr. Jack Paschall sits in the cockpit of his F/A-18 as ground crew personnel plug in the refueling hose for the final hot refueling test for the new refueling pantograph.

Seventy-four year-old Frank Morales won won the 10K event and Johnson took the

# Bill Wilson easily wins President's Day Run

Bill Wilson's time of 35:27 was more than Mary Moore was the first woman a minute faster than the second best time finisher, being clocked at 41:41; Elaina as he easily won the Over-The-Hill Track McMahon was the women's second place Club's 10 Kilometer President's Run on finisher with a time of 45:37, and Jerry Feb. 22. Joe Oliver (who also won the Mumford took third in 47:39.

(Continued from Page 1

hardware procurement program respon-

COMNAVSEASYSCOM, with appropriate

CNO will implement organization

tranfer of resources.

clocking while Gill Cornell was third in day, Eric Johnson was the easy winner in 37:06. Also breaking the 40-minute mark 18:24. Tim Miller followed at 19:52. were Mick Rindt, David Boaz and Frank Women's division honors went to Katie Holley with a 25:25 time and Tiffany Mar-

More than 60 runners took part in the 24:45 time while Mike Oliver won the 14under boys race with a 22:39 time. OTHTC's President's Run this year. Temperatures reach new

the men's 50-and over bracket with a fine special class in the 5K run.

# record highs this month

Feeling unusually warm?

division, was clocked in just 26:50.

Naval Laboratories...

COMSPAWARSYSCOM will coordinate

CNR will initiate appropriate changes to

the mission, functions and organization of

All-time high temperatures for the month of February in the Indian Wells Valley were established this week. The previous

shall, running in the girls-14-and-under

NWC HOTLINE Integrity, efficiency program Call: NWC ext. 3636 (24 hrs.)

or call the Inspector General at: (800)522-3451 (toll free) 288-6743 (Autovon) (202)433-6743 (commercial)

highs had occurred on Feb. 27, 1968 and Feb. 28, 1972; the temperature peaked at 83 degrees on both those days. On both Monday and Tuesday of this week, the high was 86 degrees, which was topped by Wednesday's peak temperature of 89, and vesterday's 89 degrees.

In the special heavyweight (more than

180 pounds) divisions, Gary Schmidt's 45:28

Weather forecaster John Gibson doesn't expect these summer-like temperatures to last any longer than it takes for another series of storms to move into California, however, so don't put away those sweaters and jackets yet.



B. W. Hays Technical Director

Denny Kline Mickey Strang

Steve Boster Associate Editor PH2 Rick Moore PHAA Bob Reynolds Staff Photographers Deadlines: News Stories-Tuesday, 4:30 pm / Photographs-11:30 an

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# Early trout season should attract thousands

Early birds with the correct "worms" can catch a five-fish limit of trout in certain fish daily until the general season opens, at waters of the Eastern Sierra long before the general season begins.

Independence Creek, Symmes Creek, Lone Pine Creek, lower Cottonwood Creek, Georges Creek and other waters in southwestern Inyo County will open for trout fishing tomorrow (Saturday), Department of Fish and Game officials said.

north and Highway 395 on the east, the area Both are open all year long. will open approximately eight weeks prior

which time a 10-fish limit will go into effect.

Many southwestern Inyo County trout waters will be stocked with catchable size trout from DFG hatcheries just prior to March 1, providing water temperatures

Included within the perimeter of waters to open next month are Diaz Lake and a Bordered by the Inyo County line on the section of the Owens River that extends south and west, Independence Creek on the from Pleasant Valley Reservoir, south.

Except for one section of the Owens to the general Eastern Sierra opener, April River between Pleasant Valley Reservoir and Five Bridges Road where the limit is

Licensed anglers can take a limit of five two fish, the daily bag limit is five fish on the river, as well.

> Exceptions to the early opener are Cottonwood lakes 5 and 6, the only two of the six-lake Cottonwood Creek drainage system that are ever open to fishing.

Cottonwood lakes 5 and 6, prime golden trout fishing spots, will open to angling July

The early trout season will close concurrent with the general season, Oct. 31.

Tomorrow is opening day of the early Sierra trout season. Streams from Independence Creek south to the southern border of Inyo County are now open from the Sierra Crest as far as Highway 395. The itself and Lake Diaz.

portion of the stream between 395 and the Owens River or ponds east of Highway 395 are still off limits until the last weekend in

Department of Fish and Game wardens suggest anyone who has any questions about whether some particular water is legal to fish, stop and ask at a sporting goods store or market; locals in the area will be able to give directions to the legal fishing waters.

Legal year round is the Owens River from Pleasant Valley reservoir south to Owens Lake, Pleasant Valley reservoir



# Sports

# Little League tryouts end with Saturday's sessions

China Lake Little League tryouts for the 1986 season wrap up with sessions tomorrow (Saturday) at China Lake and Inyokern baseball diamonds.

Youngsters who have not been able to attend tryouts and registration at previous sessions are asked to come to China Lake Diamond Four at 9 a.m. or Inyokern School's diamond at 1 p.m.

Pony look seeking players

Additional tryouts are scheduled for 375-9292.

Players need a birth certificate when registering. Anyone who did not take part in the major division last year must take part in the skills assesment tryouts.

Moore at 446-2914 after 6 p.m.

Youngsters born between Aug. 1, 1969 and July 31, 1973 are eligible to participate in the IWV Pony/Colt League baseball season this spring and summer. The first tryouts are set for tomorrow (Saturday) at 9 a.m. at the Pony League Field on board the Naval Weapons Center.

There is a continuing need for coaches,

managers and umpires for the 1986 Little League season. For additional information on the China Lake Little League call M.

March 8 and March 15 at the Pony Field.

There is a \$35 registration fee for the league. Youngsters born between Aug. 1, 1969 and July 1, 1971 are eligible for the Colt League. Pony League players are those born between Aug. 1, 1971 and July 31, 1973. For additional information call Frenchy Guilmette at 377-5649 or Ray Haleman at

# No change in league lead

remained far in front of any competition in strong 223 game. the Premier Bowling League. The Buggy Bath keglers were in second place with a 244-176 record after action this week.

Bowlers from the Jones team also had a team high game of 742 and the top team series of 2,195.

Individual honors for the week went to Chuck Cutsinger who rolled a 244 game and came back with a 631 high series. Gary Barnes notched a 237 game and had a

279½-140½, the Jones' Mobile bowling team 612 series while Larry Jeffries bowled a

Stan	dings		
am	W	L	
nes' Mobil	2791/2	1401	
iggy Bath	244	176	
ks Lodge	219	201	
ne Place	209	211	
deaway	197	223	
nrifty Wash	192	228	
arris'	184	236	
ooper's Troop	$155\frac{1}{2}$	2641	

Boosting their overall season record to Schoenhals came in with a 225 game and a

Stan	amgs	
Ceam .	W	I
ones' Mobil	2791/2	140
Buggy Bath	244	17
Elks Lodge	219	20
The Place	209	21
Hideaway	197	22
Thrifty Wash	192	22
Farris'	184	23
Hooper's Troop	$155\frac{1}{2}$	264

UNBEATEN TEAM — Unbeaten for more than two full seasons and still atop the Men's Basketball League standings, Saxwell Investments moved to another victory in play last week. Coached by Richard Craney,

# Winter youth basketball league play continues

Action continued in the NWC Youth scoreless in the first quarter. Winter Basketball League. Some results were not turned in by the deadline, resulting in a condensed version this week. Intermediate Division

### Celtics 31, Rockets 18

Leading 13-3 after the first half, the za. Celtics had no problem disposing of the Rockets. The Rockets exploded for 13 points in the fourth quarter, but it was too little, too late.

Pistons 50, Nuggets 18 The Nuggets were held scoreless in the third quarter after the Pistons had romped

to a 33-4 lead at halftime. **Instructional Division** Nets 21, Bulls 13

Leading 11-6 after one half of play, the

Stars 50, Suns 22

With just a 14-4 lead at the half, the Stars for their easy win against the Suns, who outscored the Kings 26-7 in the third stanza 35-30 halftime advantage. managed just eight tallies in the final stan- to key the romp.

#### **Junior Division** Pacers 46, Hawks 30

Overcoming a 14-4 first quarter deficit, the Pacers rallied behind a 29-point second-half effort as they held the Hawks to just 12 points in the final quarters.

### Jazz 44, Lakers 32

The Jazz cagers led at all the quarter breaks en route to the easy win. The Lakers were blanked in the third quarter, but Nets were able to cruise to their win rallied for a 15-point final stanza to make it against the Bulls. The losers were held look close.

### **Bullets 70, Kings 37**

### Mavericks 63, Clippers 59

In a close contest, the Mavericks took an Forty-six points in the second half broke early lead then held off Clipper rallies in exploded for 22 points in the fourth quarter the game wide open for the Bullets. They the second half of play. The winners held a

# Fishing may get better

even mosquitoes.

The water is rising in the lake and fish have lots of feed, so they are not being tempted by what fishermen are dropping

was much more like the end of March than the power house and Kernville on the Kern the end of February; everyone who tried River above Lake Isabella, however, did fishing went home with a suntan, but with have some success. The trout caught were an empty creel. Nothing was biting, not planters and were relatively small but still make good eating.

> If the warm weather continues, fish should start moving in closer to shore and anglers will be making good catches.



# The Skipper Sez...

Civilian Employee — I'd like to know if it would be possible to get another line to PSD, or, possibility, another individual to answer phones there. When we have to make reservations for official travel for our bosses, sometimes we can't get through for days on end. Since I'm located in a building out on the ranges and since it's not very cost effective for me to take a taxi down mainside in order to make travel arrangements, it's not practical to have to wait until I connect with PSD. I've been trying to get through now for a day and a half. I'm not getting' through to them; all I'm getting is a busy signal.

We regret the problems NWC personnel have experienced contacting the Personnel Support Activity Detachment (PSD). I recently requested a study which confirmed these problems. On completion of the study I offered personnel and additional telephone lines to PSD. To date, PSD has hired one more employee and requested a four-line rotary system with two additional telephone lines. This new system should have been installed by the end of April. These two actions should result in some immediate improvement. PSD is also requesting additional billets from the Personnel Support Activity, Long Beach due to increases in workload over the last several years. I have requested that a follow-up study be performed in June to determine whether the services by PSD have improved.

Civilian employee — I'm calling in regard to people who use their rearview mirror to display their identification pass and their access pass in their cars. I've gone through shopping centers in town and have seen quite a few cars with this. Perhaps this should be called to your attention and to those who are doing this illegal action. Thank you. ANSWER

I concur with your view that NWC badges should not be left unattended in automobiles. In fact, NWC badges should not be left unattended any place. An individual's NWC identification belongs to the Government and is "loaned" to each employee, contractor, or visitor during their tenure or visit. One would not think of leaving their purse or wallet unattended in an automobile - the same should apply to their NWC badge. By the way, our badges are designed for usage on Center and should not be displayed off Center. Your badge, at the very least, should be just as important to you as your credit cards or other valuable papers.

All China Lakers, including military personnel, civilian employees, and their dependents are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. K. A. Dickerson. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure retting an answer to a question may leave name and address for a direct contact, but this is 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.

their mistakes because they learn from the air corridors south of Inyokern Road

these mistakes; deal only from absolute and south of Ridgecrest Boulevard. The

truth and honesty; establish a legacy of Navy anticipates acquisition will be com-

manager must have complete control of a parcels of land are now being made and

restricted number of people should work on first round of negotiations expected to

projects - about 10 to 25 percent of what begin by mid April. After negotiations,

would normally be considered necessary. when a property owner accepts the price

simple, so they can readily be changed. next 90 days. Upon completion of the

Cost reviews are needed monthly, and fun-

because only a few people are used, pay area; Jim Fath in the Real Estate Office of ext. 379.

highest standards; and live by Kelly plete by January 1987.

NWC has been called the closest opera-

tion in the Department of Defense to the

famous "Skunk Works" that Kelly Johnson

established at Lockheed Aircraft Company

in 1943. At the annual Engineers Week

for discussion was "Excellence Found -

Sponsored by the High Desert Engineer-

ing Association, the banquet's featured

guest speaker was Ray T. Passon, Assis-

tant General Manager, Advanced

Development Projects, Lockheed-Califor-

Outstanding Skunk Works successes in-

cluded design and development of the pro-

totype F-80 fighter aircraft in 80 days, as

well as design and building of the U-2, SR-

Passon said that the essence of the Skunk

Works success could be summarized in five

management principles: Give a man a job

to do and he'll do it; don't fire people for

These 14 rules include such as that the

project, but must report regularly. Only a

Drawing and release systems must be

ding must be timely. Specifications must be

agreed to in advance of contracting, and

must meet existing military requirements.

military and the contractor. Outsiders must

be kept out of the project. And, finally,

71, T-33, F-104, and other aircraft.

The REAL 'Skunk Works.'"

nia Corporation.

Johnson's 14 rules

banquet held in Ridgecrest last week, topic core of good performance.

Engineers hear about 'Skunk Works'

Passon noted that the only knowledge

that is worthwhile is that which is hard-

Passon continued by saying that he be-

Appraisal updates for the remaining

should be complete by late March, with the

offered, escrow is entered into within the

Mutual trust must exist between the Engineering Command (WESTNAV- Anyone who has any questions about the

days in which to vacate the property.

supervised



FIRST BADGE ISSUED — Capt. K. A. Dickerson examines his new area access badge that has just been given him by Don Cortichiato, acting head of the Safety and Security Department. All Center personnel are to recieve new area access badges during the month of March (see schedule of issuing points listed below). — Photo by PH2 Rick Moore.

## New area access badges to be issued in March

All China Lake civilian, military and attached activity employees are to receive new area access badges during March. Current area access badges will not be valid after March 31. Contractor employees will be rebadged at a later date because their area access badges will continue to be

For the convenience of Center personnel, rebadging will take place at a variety of locations during normal working hours (including lunch hour). Personnel may go

He summarized the excellence of

Johnson's Skunk Works by saying hard

creating the professional environment for

WESTNAVFACENGCOM to counsel pro-

perty owners and renters regarding their

rights for both land exchanges and land

clude packing, moving, and storage) to

WESTNAVFACENGCOM approves the

move plan and amount, the move will pro-

ceed. The contractor can be paid directly

A total of \$8.2 million has been allotted to

strictly a prototype shop.

them successful.

must not be based on the number of people back-of-an-envelope outfit, and was not

fits, and that there was no place for com- Engineering Societies present that Kelly

mittee action. This, he continued, made Johnson, Skunk Works founder, had been

working in a Skunk Works hard on key on the Naval Ordnance Test Station advi-

people because they generally lost oppor- sory board and had lent his expertise to

Land acquisition underway

Action is underway for acquisition of the the Center's Public Works Department

remaining 56 parcels of land lying under serves as local point of contact for

FACENGCOM), San Bruno, Calif., is land acquisition process is encouraged to

responsible for all land acquisitions in this talk with Fath, who can be reached at 3411,

The Skunk Works, he noted, was not a which China Lake is known.

Western Division Naval Facility complete the project.

to any of the sites to receive their badges. They should also be prepared to have their picture taken because there may not be a color photo on file. Rebadging will occur at the following

places and dates: Michelson Laboratory,

north lobby, March 3 through 5; IOB con-

ference room, March 6; Range Control Center, small conference room, March 7;

Thompson Laboratory, Room 43, March 10:

Hangar 3, Armitage Airfield, Room 3277,

March 11 and 12; Lake Propulsion

Laboratories, cafeteria, March 13 and 14;

EWTES, Bldg. 70049, conference room.

March 17; Public Works, Bldg. 00979, con-

ference room, March 18; and Enlisted

Mess, ballroom, March 19 and 20. Anyone who is unable to get to any of the rebadging sites because of travel or for any other reason should go to the Safety and Security Building between 7 a.m. and 5 p.m. after March 20 for a new area access

### won. Ethics, he added, was always at the work and attention to detail was what made Frank Knemeyer, who served as master lieved other Skunk Works had not been established because the lower cost of such restaurant in Ridgecrest, reminded Mich Lab gate established because the lower cost of such restaurant in Ridgecrest, reminded will be closed operations resulted in lower company pro- members of the eight High Desert

The Michelson Laboratory west access gate will be closed on Monday, March 10 for flood wall construction and gate house relocation. The gate will be reopened on or about April 14.

During the time that the gate is closed, all vehicles and pedestrians must use the east and south gate for access. The gate operating hours will remain the same. Great care must be exercised in using these other gates since they are designed primarily as fire gates, and caution will also be needed in selecting parking spaces during this time.

The north gate is unaffected by this ac-

Fath also helps the owner or tenant develop a relocation plan that includes Anyone with questions about the consome moving costs, acquires bids for all struction should telephone Dan Butler at costs, and sends the cost data (which in-NWC ext. 1213.

### WESTNAVFACENGCOM. As soon as Forest plan mtg

All persons interested in learning about the Sequoia National Forest Draft Management plan are invited to attend a meeting on Wednesday at 7 p.m. at the Burroughs High School multi-use room.

Presenting the information will be Forest Service personnel, and the Forest Service is hoping that all who are interested will submit written comments by March 28.

# Air-launched space probe record set here

Highest altitude ever attained by a United States space probe launched from an aircraft was reached in 1962 by a Caleb rocket developed at what was then the Naval Ordnance Test Station.

The rocket was used for Project HiHoe — a project sponsored by the Naval Research Laboratory for exospheric composition studies of hydrogen, helium, and oxygen ions. NRL provided the 120-pound payload, and NOTS provided the two-stage NOTS EVII (Caleb) rocket.

The rocket was launched from an F-4H aircraft in a steep pull-out maneuver at an altitude of between 35,000 and 38,000 feet. Launch took place over the Pacific Missile Test Center. During the first test, the booster didn't ignite because of

failure of the umbilical plug. The second launch had a successful flight, reaching a maximum altitude of 630 nautical miles, but the mass spectrometer failed to function.

In any case, the altitude record was set for an aircraftlaunched space probe.

Caleb was a follow-on project to what the Navy called "Project Pilot," and what China Lakers called

Caleb was designed to have from one to three solid propellant stages for sub-orbital flights and a fourth stage for any attempts to put a satellite into orbit.

As a vertical probe, it was expected to be able to take 600 pounds of payload to 200 miles or 13 pounds of payload to 2,000 miles as a vertical probe. For satellite applications, Caleb was expected to put a 20-pound payload into a 300-

When work began on Caleb, the Navy anticipated that

each NOTS EVII would cost about \$65,000, which was a lot cheaper than any of the huge boosters used for other vertical probe or satellite missions in the early 1960s.

weighed 3,000 pounds, could be launched from standard bombracks under the fuselage of a McDonnell F4H Phantom II fighter or under the wing of the Douglas F4D Skyray.







# China Police Reports

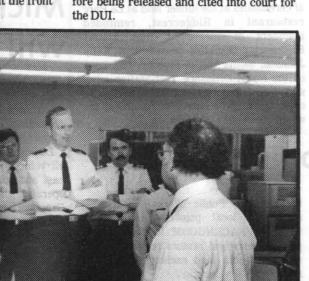
A variety of traffic accidents kept China Lake police busy late last week and over the weekend. The first of these occurred Friday when one driver failed to see another car while pulling into Murray School and struck the passenger side of that vehicle. Moderate damage resulted. A single car accident was reported at Armitage Airfield; the driver ran over a concrete culvert and damaged the vehicle. An ATV on Saturday hit the fence; the civilian driver was transported to Ridgecrest Community Hospital by ambulance. And, finally, at 4 a.m. Monday, a woman hit the curb at the traffic circle, apparently overcorrected, and turned her vehicle over. Fortunately, she was not injured.

A wallet was taken from its owner at the NWC gym. The wallet, with its contents intact, was later found by officers at the front gate drop box.

A bicycle was found at the hobby shop store. If its owner will identify the bike at the China Lake police station, it will be returned to him. A watch was found at the Commissioned Officers' Mess, and, equally, if the owner can identify it properly, the

On two occasions Saturday China Lake police responded to a call about a disturbance of the peace to the same household in the Site B Capehart housing when a party got very noisy.

During a traffic stop made on Saturday evening, investigation revealed that the driver of the car was under the influence of alcohol. The driver spent the next five hours at the China Lake police station before being released and cited into court for



INTERESTED - Brigadier General Leslie C. Price, Commander of the Canadian Forces 14th Training Group, and other Canadian Forces officers listen to Luke Crews, head of the Simulations Services Branch of the Weapons Department, describe the operations of the Hardware-inthe-Loop Simulation Laboratory. As part of their study in Aerospace Systems Course 38 in the Canadian Forces Aerospace and Navigation School, the men spent two days getting briefed at NWC.

Someone removed tools from a government vehicle parked at the Public Works Department. Although no dollar amount of the theft was readily available, it is listed as a petty theft.

police that she had placed an order at an rapidly extinguished. "After Six" party, had paid for the order, and had not received it.

When police returned a wallet that had the Site B Capehart area. been found near Fowler and Thompson on the base, the owner reported that the wallet

A female juvenile runaway was ap- A traffic accident occurred in the park-High School. The juvenile lives in Ridge- vehicle struck a second one. crest.

old duplex area. The next morning the damage resulted. woman reported that she would be moving out and therefore would not file a com-

A Center employee reported that she lost in his work space. ner purse in Oildale. In the purse were both

A minor traffic accident occurred in the driver failed to see the other. Minor damparking lot of the BEQ when the woman age resulted.

driver struck a barrier post while backing. Moderate damage was sustained by the

China Lake police responded with the Fire Department to an alarm at Murray School Tuesday caused by an electrical fire Another victim of fraud reported to in the air conditioning system. The fire was

> Vandalism was reported as cause for damage to the Center's boundary fence in

China Lake police assisted Ridgecrest ofhad been stolen late last year but that he ficers at the scene of an accident at the inhad not filed a report on the theft at that tersection of China Lake Boulevard and East Inyokern Road.

prehended by China Lake police when she ing lot at the gymnasium when a driver's came to visit her friends at Murray Junior vision was obscured by the sun, and his

One vehicle backing out of a place at the A couple got into a physical battle in the NEX parking lot hit another vehicle. Minor

> An employee in the Public Works Department's pipe shop reported that someone took his jacket that had been left

> Another backing accident occurred the east side of Building 1348 when one

# Summer program cancelled because of hiring freeze

The uncertainties surrounding the personnel hiring freeze coupled with budget and manpower constraints make it impractical to consider a summer program for the May to September 1986 period. It was announced at the February 24, 1986 Commander's meeting that the actions requred to prepare for the summer program will be held in abevance and that in all likelihood there will be no summer program

The summer exam announcement was distributed in the December-January time period by the Office of Personnel

Management. In accordance with the announcement, applications were to be accepted from February 13 to March 14, 1986.

Applications received will be acknowledged by the Personnel Department. Applicants will be informed that there probably will be no Summer Program and will be advised to seek employment elsewhere.

Applications received will be retained so that in the event that circumstances change and the Center is able to have some level of Summer Program a possible source of applicants will be available.

# Navy League readies honors for top sailors

Outstanding enlisted personnel at the Navy League thanks to continued support and "some very fine enlisted repre-Naval Weapons Center and Air Test and Evaluation Squadron Five (VX-5) will be honored as the Indian Wells Valley Council of the Navy League hosts the Annual Sailor of the Year Awards Dinner on Saturday, March 8 at the NWC Enlisted Mess.

For the seventeenth year, the Navy League will host the event where the Sailors of the Year are presented. They will have been selected from the Sailors of the Quarter chosen by each command during

All Sailors of the Quarter will receive cash awards and the Sailors of the Year additional awards and honors from the

from area businesses, service clubs and sentatives of the United States Navy."

Richard J. Surprenant, IWV Navy a very special evening with those attending sonal qualities.

These outstanding sailors have been selected on the basis of the leadership, League president, said he looks forward to dedication, performance of duties and per-

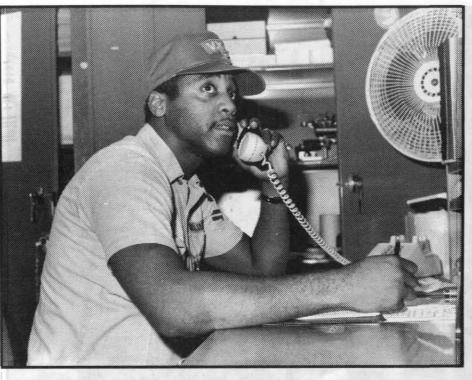


The evening begins with a no-host social hour at 6:30 p.m., followed by a buffet dinner at 7:30 p.m. Tickets are \$10 per person and may be reserved in advance and paid

for at the door on March 8. To make dinner reservations, please call Bea Tracey at 375-4272, Julie DeGraw. 446-5488 or Richard Surprenant at 446-2538.

NWC Sailors of the Quarter being honored this year are AC1 Tina Evans, YD3 German Ydrovo, PR1 Harvey Hartman and AE3 Marty Chilton

From VX-5, AE1 Sammie Allen has been named Sailor of the Year. Sailor of the Quarter honors also went to MS2 Peter Vanderwalle, YN2 Guy Wellington, AE3 John Linford and PH3 Greg Hogan.



OUTSTANDING SAILOR - YN2 Guy Wellington was VX-5's Sailor of the Quarter for the third quarter of 1985. He will be among China Lake sailors honored when the Navy League of the Indian Wells Valley holds its annual Sailor of the Year dinner on March 8.

### For military personnel

# IRS answers question. . . about U.S. income taxes

The Internal Revenue Service has prepared the following questions and answers to help military personnel better understand the requirements for deducting moving expenses.

Q. I recently received orders to report to a new permanent post of duty. What are the deductible moving expenses I may claim?

A. You are entitled to claim certain unreimbursed expenses incurred in moving your possessions, traveling to your new home, looking for a new home before moving, living temporarily in the new area, and selling and buying a home.

Q. What qualifies as a permanent change of station? A. A permanent change of station in-

cludes a move from your home to the area of your first post of duty when you begin active duty; a move from your last post of duty to your home or a nearer point in the United States, if you move within one year of ending your active duty or within the period allowed under the Joint Travel Regulations; or a move from one permanent post of duty to another.

Q. When I relocated to my new permanent post of duty, the government provided some of the moving and storage services. How should I handle this when I file my

A. You should not include in income the value of moving and storage service provided by the government. If you receive reimbursements or allowances from the government for moving and storage expenses and the reimbursements or allowances are equal or less than your actual

bursements or allowances in income. If, however, the reimbursements or allowances exceed your actual expenses, include the excess in your income. You may not deduct the reimbursed expenses.

Q. May I deduct all the expenses I incur-

A. Moving expenses to a home within the United States or its possessions must be reported on Form 3903, "Moving Expense Adjustment." If you moved to a home outside the United States or its possessions, use Form 3903F, "Foreign Moving Expense Adjustment," to report your moving expenses. Attach the appropriate form to your Form 1040. You deduct nonreimbursed moving expenses from gross income to determine adjusted gross income on Form

Q. I have been in the service for only three years and I was recently reassigned overseas to a new post of duty. My family will relocate with me, but they have received only 90-day tourist visas. May I still deduct the expenses I incurred in mov-

A. Yes, military personnel may deduct expenses incurred in moving their dependents to the new duty station in a foreign country even though the dependents have 90-day tourist visas.

Q. Do military personnel have to meet the time and distance tests? A. No, the time and distance tests do not

apply to military personnel who move because of a permanent change of station.



NWC SAILOR — AE3 Marty Chilton will represent the fourth quarter of 1985 for the Naval Weapons Center in Sailor of the Year competition. He is one of eight China Lake Sailors to be honored by the Navy League at the 17th Annual Sailor of the Year Banquet on March 8 at the NWC

### Special Warfare community seeks volunteers for SEAL positions

The Naval Special Warfare (NSW) Community is growing and looking for people interested in becoming SEALs.

The community is expected to increase in size more than 40 percent by the end of FY 1990. NSW hopes to meet its expansion goals by recruiting people already in the

The increase in numbers, however, will not lessen the program's high standards of T. Ammen, the NSW In-Service Recruiter, acceptance or training. In fact, entry level by writing Naval Military Personnel requirements will become more stringent Command (NMPC-401D), Washington, D.C. A career path for all enlisted and officers

in NSW starts with the successful comple tion of the basic SEAL training course (BUD/S). Initial assignments are at one of eight SEAL/Swimmer Delivery Vehicle (SDV) teams homeported in Little Creek, Va., or Coronado, Calif.

SEALs receive \$360 a month in diving, hazardous and special duty assignment pay and qualify for selective reenlistement bonuses of up to \$20,000. In addition, they qualify for career sea pay and family separation allowances when deployed.

Later in their career, SEALs receive advanced tactical training at the NSW Center in Coronado to help fine tune their special warfare skills. The training includes the SDV Pilot/Navigator Course, Advanced ing Supervisor Course. These skills enable

SEALs to train with foreign special forces units worldwide. Additionally, as a member of a mobile training team, SEALs teach these skills to military people of developing third work countries.

If you feel you're qualified to be a SEAL. see your career counselor or Command Master Chief. For more information on the NSW Program, contact Chief Radioman T. 20370-5000 or calling AUTOVON 224-1091, Commercial (202) 694-1091.

### FRA membership meets on Monday

Branch 95 of the Fleet Reserve Association will hold its regular meeting on Monday at 7:30 p.m. at the Chief Petty Officer's Mess. All active duty and retired Navy, Marine Corps and Coast Guard personnel are invited to attend.

Highlighting the evening's business will be nominations for branch officers for the 1986-87 year. In addition, the branch's 40th anniversary party (scheduled for March 15) will be discussed, and an update of the Combat-Swimmer Techniques and the Div- local segment of the Americanism essay contest will be discussed.



### Personnel Development Opportunity

#### WOMEN AS LEADERS IN THE WORKPLACE

24-26 March, Monday-Wednesday, 0800-1600, Training Center. By: Marion King-Drops.

Scope: This program takes a serious look at the concept of leadership in general and of women as leaders in particular. It focuses on assessing one's innate leadership abilities, making the choice for leadership in the workplace, and determining the tools for implementing the leadership role.

OUTLINE

- Day 1. Self-Motivation Process
  - Principles of motivation Motivation strategies
- Career planning
- Goal setting
- Day 2. Understanding the Leadership Role
- Leadership traits
- Establishing a leader image
- Day 3. Leadership Tools
- Managing by objectives: seeing the "big picture'
- Communicating effectively Deadline: 5 March.

#### SPECIAL SESSION FOR SECNAVINST 5216.5C

6 March, Thursday, 0900-1100, Training Center. By: Odessa Newman, Code 0821.

Scope: This is a 2-hour session to answer special questions about the use of SECNAVINST 5216.5C, Department of the Navy Correspondence Manual. It will be open to technical writers, secretaries, and other clerical personnel, and will be conducted on a drop-in basis with no paperwork required.

Deadline: None.

ways to speed registration

MANAGERIAL SKILLS FOR NEW AND PROSPECTIVE MANAGERS

Continuous open enrollment, Learning Center. Scope: This self-study course teaches new and prospective supervisors management skills and techniques necessary to function as a supervisor. Topics include your new role as manager, management styles, planning and organizing, control, delegation, decision making, managing time, understanding your subordinates, the innovative manager, how to write and read effectively, and conversational skills.

### **NEW VIDEO**

### STEPPING UP TO SUPERVISOR (3/4-inch UMATIC)

"Stepping up to Supervisor" deals with the issues new supervisors face as they assume different roles and functions. These issues include establishing authority over the work unit without over-controlling, giving orders to former co-workers, and obtaining the cooperation of peers. By following two new supervisors as they make this transition, new supervisors are alerted to mistakes commonly made during the early phases of a management career and offers strategies for avoiding these common pitfalls.

This 20-minute video is available for loan through the Audio Visual Library, Code 34501, ext. 1104).

### CAL-STATE UNIVERSITY CHICO ADVISOR TO BE AT NWC

Dr. Orlando Madrigal of Cal-State University Chico will be at NWC on 7 March to advise current and prospective students in the external degree programs offered by the school Cal-State Chico has externaldegree programs in computer science at NWC that lead to bachelor's and master's degrees. To make an appointment to see Dr. Madrigal call Kelly Newton,

#### **CAL-STATE CHICO COURSE**

The following class is being offered this spring as part of the Cal-State Chico computer science external. degree program at NWC.

#### CSCI 376 THEORY OF INFORMATION RETRIEVAL (3 units)

19-20 April; 17-18 May; and 21-22 June; Saturday and Sunday, 0800-1600; Training Center. By: Professor George Arnovick.

Prerequisite: CSCI 172, Systems Architecture, or consent of instructor.

Scope: This course is a graduate seminar on the theory of information retrieval systems. The major problems of modern information storage and retrieval systems are presented and discussed. Various theoretical, as well as selected applied approaches, will be studied and likely solutions will be presented and analyzed.

Text: Modern Information Retrieval Systems. Gerald Salton, McGraw-Hill.

Note: This is a required class for the Master's Program in software engineering. For more information call Steve Lee, ext. 2468.

#### COMPUTER TIPS!

The following information was provided by Gary Thompson, Manager of Custom Technical Services, as a result of observations made while work was being performed under the current maintenance contracts for Apple and generic personal computers. These tips can save users time, money, and sometimes many hours of frustration.

Tip #1 is for Macintosh users. Occasionally a disk will get stuck in the drive (either internal or external) and no special code or operator coaxing will get the disk out. However, there is a way. Find the small hole at the front of the drive on the right side just below the disk slot. Turn the power to the machine OFF. Straighten a paper clip and stick an end into the small hole and the disk will eject, even if the machine is turned off.

Tip #2 is for people using one printer with two computers. The technique of using one printer with two computers is obviously very cost effective. It is usually done by connecting the two computers to a switching box called an A/B switch box. These boxes are available at your computer store in Warehouse 10. However, there is a caution that should be observed when you use them. The box actually disconnects one computer from the printer and then connects the other, and therein lies the problem. Connecting two electronic devices while both are powered up will cause the pins that are connected to go to the same electrical potential. This will happen instantaneously and sometimes will destroy the interface integrated circuit. The solution is to make sure that the printer is turned off before you switch to the other computer. (Code 1442)

## Upward Mobility Program planned

Program designed to help federal goals (both personal and professional) and employees who are GS-9, equivalent, or your career. lower grades who are dead-ended as far as (2) Get career counseling. Personnel to their individual potential.

Naval Weapons Center. It is anticipated ernment and Naval Weapons Center. that the new Upward Mobility program will (3) Evaluate and re-write your Form 171. be "up and running" at NWC by Spring of Take a generous amount of time to ac-1986. Its advent will be much heralded with complish this. This is your marketing tool all-hands notices as well as articles in the to sell yourself to a selecting official. Rocketeer and the Blue Sheet.

If you are interested in Upward Mobility, training division (Code 094) and the Upthere are several actions you can take ward Mobility office (Code 093) can provide pending the start of the new program. For an academic planning booklet to help keep

Upward Mobility is an Affirmative Action (1) Start an evaluation of yourself, your

promotion potential or who are under- Management Advisors (Code 096/097) utilized in their current series with regard Employee Development Specialists (Code 094), your code supervisors, as well as col-The Upward Mobility Program is cur- lege counselors (CSU, CCCC) are all rently being re-evaluated and re-structured valuable resources in providing informaat all Navy activities, which includes the tion on your career options in federal gov-

If you would like further information, the you on track.

### CSUN seeks instructor

ing for an instructor to teach Engineering Anyone interested should send a resume to

Cal-State University Northridge is look- demic background is a master's degree. Dynamics this summer. Minimum aca- Steve Lee, Code 094, or call NWC ext. 2468.



# Personnel News & Notes

### **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. 00-003, Laboratory Facilities Assistant, GS-303-4/5/6, Code 01A4 - This position is located in the Michelson/Lauritsen Laboratory Coordinator's Office, a staff function of the Deputy Technical Director. Incumbent provides administrative services in organizing and coordinating a variety of functions for the Laboratory Coordinator including initiating and resolving requests (with Laboratory Coordinator's assistance); scheduling of repair and maintenance; procurement requests. Knowledge: of physical and utility layout of Michelson/Lauritsen Laboratory Complex. Skill: in interfacing with the public dealing with various levels of Center Management. Ability: to work independently. Some overtime is required. Promotion potential to GS-6, but not guaranteed.

No. 09-072, Clerk-Typist, GS-322-4 Employee Relations Clerk, GS-203-4/5, Code 091 - Incumbent provides clerical support to the Employee Relations and Labor Relations Programs. Program areas include: adverse actions, performance appraisals, grievances, labor relations, privacy act and indebtedness. Types letters, memos, reports, and NWC Instructions. Prepares correspondence and case files for hearings and record keeping purposes. Provides information to personnel specialists and assistants as well as employee outside the department. Responsible for the Division's files, records, and reference library. Maintains division's ADP discipline data base. Provides backup support for health benefits, life insurance, retirement and incentive awards programs. Elements: Ability to comprehend and apply regulatory information; to deal with all levels of employees; skill of a qualified typist. Promotion potential to GS-203-5 if filled at the GS-322/203-4 level.

No. 14-004, Interdisciplinary (ADP

Specialist/Management Analyst), DA-301/DS-334/DA-343-2/3, Code 1441 — This position is assistant to the Center Information Resources Manager. The incumbent performs technical reviews and evaluations of ADP requests, participates in the coordination and planning of Center ADP studies which affect short/long range technical strategy and policy, and assumes the duties of Information Resources Manager in his absence. Knowledge: of ADP processes. Abilities: to gather and analyze data; to interface with people at all levels. Current DP-3s may apply. Promotion potential to DP-3 is not guaranteed. Previous applicants need not reapply.

No. 14-005, Computer Clerk/Assistant, GS-335-4/5/6, Code 14111 — Incumbent will provide support and consultation to the customers of the PC Lab. Support includes coordination of vendor demonstrations of hardware and software, management of the PC Lab's software lending library, support of the contract specialist in the PC Lab. demonstration of personal computers on display in the PC Lab. Knowledges: Basic knowledge of personal computer systems; office procedures. Abilities: to deal with people at all levels, both orally and in writing. Promotion potential: GS-6.

No. 14-006, Clerk-Typist, GS-322-2/3/4, Code 14 - This position will provide clerical support to the divisions of the Information Systems Group as well as to the department office based upon workload demands. The individual will fill in for other persons who are on leave, or will help out when other offices within Code 14 are experiencing heavy workloads. Persons interested in working less than full time or on intermittant basis are encouraged to apply as are those interested in full time work; the hours of work for this position are en-Resources Manager/Computer tirely flexible. Knowledge: of basic office

procedures. Promotion potential: GS-4.

No. 25-006, Shipment Clerk (Household Goods), GS-2135-4/5/6, Code 2531 - This position is located in the Supply Department, Quality Assurance Division, Code 253. The function of this position is to compile and process documents for the shipping and storage of household goods and personal property belonging to military and civilian DOD personnel. Incumbent conducts interviews to determine eligibility to ship at Government expense; provides counseling regarding entitlement and claims, and contracts for packing and crating of goods. Abilities: to use tact and diplomacy in dealing with both on and off Center personnel; ability to work well under pressure and adjust easily to organizational, program and procedural changes; and ability to work independently; ability to use and apply a variety of written manuals and instructions. Promotion potential to GS-6.

No. 26-008, Pest Control Inspector, WG-5026-6/7/8, Code 2671 - Supplemental is required. The incumbent performs inspection of maintenance and service work including, but not limited to, pest and weed control and hazardous waste collection and disposal, as performed under contract. Job Relevant Criteria: Ability to inspect; technical practices; use of measuring instruments; ability to interpret instructions, specifications, etc. Knowledge of materials; ability to use and maintain tools and equipment; ability to work with others. Promotion potential to WG-8.

No. 26-009, Insulator, WG-3610-8, Code 26434 — Supplemental required. Incumbent, under the supervision of a journeyman or supervisor, covers boilers, pipes, tanks, refrigeration units and other objects with a variety of insulating materials including cork, magnesia, spun glass and other insulating materials. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; ability to read, interpret, and apply instructions, specifications, and blueprints used in the trade; ability to use and maintain tools, equipment, and materials used in the trade; ability to use measuring devices for determining where to cut, how to fit, how to work materials, etc.; ability to do the precise, theoretical, and/or artistic work of the trade. Incumbent will be participating in a formal development program leading to qualifications for assuming duties of a journeyman. Potential to WG-10: however, promotion is not guaranteed.

No. 26-010, Facility Management Specialist, DA-1640-3, Code 26B06 - This position is the Production Liaison Officer for the 06 Directorate, and reports directly to the Associate Department Head for Production, Code 26B. The incumbent's duties include providing the 06 Directorate with long and short range planning of Public Works support; maintaining communications of job status between Facility Contacts and PW principals; provides training to customers on how to best achieve PW support; provide special management support to Code 26B as required; and coordinate indefinite quantity contract scheduling. Job Relevant Criteria: Knowledge of Public Works maintenance and support operations; general knowledge of building fire and safety codes; practical knowledge of construction trades and skills; the ability to work independently; ability to communicate both orally and in writing and have good interpersonal skills.

No. 26-005, Computer Programmer, DS-334-2/3, Code 26022 — This position is located in the Computer Information Support Office. Incumbent will be responsible for data bases resident on the UNIVAC in S2K. The primary responsibility will be to assist the customers in obtaining ad hoc reports and to maintain existing programs and data bases. The incumbent will also Position may require modification of extrain to use the data base software, SMARTSTAR, that will be on the Public will also be expected to become cognizant

Works VAX. The incumbent will develop data bases for the Department using SMARTSTAR. Job Relevant Criteria: Knowledges: S2K query language, data structures and associated report writer and PLEX programming capabilities; of VAX/VMX desirable, but not mandatory. Abilities: to use S2K for programming and use S2K report writer; to communicate effectively with individuals at all organization levels both orally and in writing; to plan, organize, and coordinate complex data base projects; to work effectively in a team environment; to work under pressure. If filled at the DS-2 level, promotion potential is to the DS-3 level, but is not guaranteed. Previous applicants need not

No. 31-115, Program Analyst, DA-345-2/3, Code 3106 - Position is that of program analyst for the Field Station Program Coordination (FSPC) Office. The specialty area of this position is the A-6 Aircraft Program. The incumbent acts as central coordinator for A-6 task assignments, acts as the principal agent for the A-6 Class task for cost, schedule and task analysis of all participating field activities supporting A-6. and prepares recommendations and status summaries. Elements: Knowledge of NAVAIR funding procedures and interface requirements between NAVAIR and NAVY Field Laboratories; ability to deal effectively with field laboratory and NAVAIR personnel; knowledge of management techniques and tools in order to effectively direct and administer the A-6 effort of the FSPC Office; ability to communicate and report budgetary and technical data accurately and effectively. Promotion potential

No. 31-116, Computer Specialist, DS-334-1, Code 3192 - Position will be that of engineering assistant to the performing engineers of the branch. Assistance will be provided to engineers in software development activities on the SEL and VAX computers. Assistance will be provided in the form of software documentation updates and configuration management. Position may require modification of existing FORTRAN programs. Incumbent will also be expected to become cognizant of the branch IBM PC databases. Elements: Experience with VAX, SEL, IBM PC, and Xerox Star. Knowledge of basic computer peripherals; ability to communicate well both orally and in writing. Promotion potential DS-3.

No. 31-115, Program Analyst, DA-345-2/3, Code 3106 — Position is that of program analyst for the Field Station Program Coordination (FSPC) Office. The specialty area of this position is the A-6 Aircraft Program. The incumbent acts as central coordinator for A-6 task assignments, acts as the principal agent for the A-6 Class task for cost, schedule and task analysis of all participating field activities supporting A-6, and prepares recommendations and status summaries. Elements: Knowledge of NAVAIR funding procedures and interface requirements between NAVAIR and NAVY Field Laboratories; ability to deal effectively with field laboratory and NAVAIR personnel; knowledge of management techniques and tools in order to effectively direct and administer the A-6 effort of the FSPC Office; ability to communicate and report budgetary and technical data accurately and effectively. Promotion potential

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of the branch IBM PC databases. Elements: Experience with VAX, SEL, IBM PC, and Xerox Star: Knowledge of basic computer peripherals; ability to communicate well both orally and in writing. Promotion potential DS-3.

No. 33-004, Electronics Technician, DT-856-A/1/2, Code 3337 — This position is located in the Short Range Missile Fuze Branch, Fuze Systems Division, Fuze and Sensors Department. The incumbent will fabricate and test electrical and electronic assemblies for fuze designs, test sets, and test equipment for aircraft flight tests and other fuze evaluation. Knowledges: of electronic test equipment such as voltmeters, oscilloscopes, and function generators; of digital and/or analog circuits design. Ability: to perform a variety of tasks associated with electronics devices/systems. Status eligibles may apply. If filled at the DT-A, DT-1, or DT-2 level, promotion potential to DT-3, but not guaranteed.

No. 34-005, Distribution Clerk, GS-303-5, Code 34131 — This is a full-time position located in the Distribution Section, Composition and Layout Branch, Publications Division, Technical Information Department. Incumbent coordinates, prepares and updates distribution lists; creates and maintains standard distribution lists and computer records and files; and handles requests for initial distribution. KSAs: Knowledge of Navy distribution rules and regulations; knowledge of special "needto-know" security and facility clearance requirements for on and off-Center addresses; ability to coordinate, prepare and update distribution lists; ability to type; ability to work independently with little or no supervision; ability to deal with a wide variety of personnel both on and off-Center; and must have an understanding of automated word processing equipment.

No. 35-023, Budget Clerk, GS-561-3/4, Code 35402 - Incumbent provides clerical support by receiving and distributing the incoming and outgoing mail, composing routine correspondence such as office memoranda. Maintains files for the Administrative Staff Office and is expected to use judgement to ensure an effective system. The incumbent will assist in the preparation and maintenance of the Division's Management Information System (MIS) Reports, Center CPS budgets and other division financial related tasks. Abilities: To work accurately with figures; to communicate effectively both orally and in writing; to use tact and diplomacy in dealing with both on and off center personnel; to work and meet deadlines under pressure; ability to use an electric typewriter, calculator, and a Xerox 8010 (STAR System) is desired. Knowledges: Of NWC organizational structure and their administrative operations and policies; knowledge of the PW chit system; of ac- under pressure. Promotion potential to counting and/or budgeting clerical pro- GS-6. cedures. Knowledge of the Electronic Warfare Department and its Management Information System (MIS) is desirable but not essential. Promotion potential to GS-5.

Technician, DT-802/856-1/2, Code 35065 -(Two vacancies) - Incumbent will be technical program include: interpretation responsible for the assembly/disassembly, of electronic block and schematic diagrams test and repair of HARM missiles and sec- and mechanical drawings; design, layout, tions. At times the incumbent will be re-fabrication and testing of electronic cirquired to work with live ordnance. Incumbent will be trained to operate the various equipment. KSAs: Ability to interpret elec-HARM test sets, and data reduction equipment. Incumbent will also be trained to provide aircraft support for HARM design, layout, and fabrication of digital, related systems. Knowledges: soldering analog and video circuits; ability to use techniques; electronic test equipment such as volt/ohm meters, and oscilloscopes; potential to DT-3. ordnance safety. Abilities: use of common hand, electrical, and air driven tools. Promotion potential to DT-3. Previous applicants need not reapply.

No. 36-101, Supervisory Interdisciplinary Manager for Product Improvement, Research, development, and testing of and testing of AIM-9 missile weapon nents.

systems. Incumbent will be responsible for management and control of system evaluation, analysis (performance and cost), electromagnetic vulnerability testing, telemetry, system interfaces, Integrated Logistics Support (ILS), subsystems such as guidance control section, fuze, warhead, motor, wings, and rollerons; consultant for RDT&E to Air Force and Navy Commands and field activities participating in the Sidewinder Tasks. The incumbent will supervise a small group of project engineers; and assume the duties of the program manager, as assigned, in his absence. Elements: Knowledge: of state of the art short range air-to-air missile technology; of NWC, NAVAIR, Navy, DOD, and other service RDT&E programs. Abilities: to organize, schedule, budget, plan, and follow through on required effort; to effectively communicate in writing; to communicate orally; willingness to travel frequently; to perform supervisory duties as required by the Demonstration Project; knowledge of and willingness to support the Federal Equal Employment Opportunity policies and goals. Promotion to the DP-4 level is not automatic. Previous applicants

No. 36-128, Clerk-Typist, GS-322-3/4, Code 3681 — Incumbent will provide clerical support to the Soldering School and will be required to do some scheduling of classes. Elements: Abilities: to communicate orally; to communicate in writing. Promotion potential to GS-4.

No. 36-130, Engineering Data Management Specialist, DS-301-1/2/3, Code 3651, Multiple positions - Incumbent will plan, program, implement, and monitor the acquisition of the technical documentation required throughout the life cycle of a weapon system. Elements: Knowledge: of configuration accounting and governing standards, directives and specifications Abilities: to read, comprehend, and apply written material; to communicate orally; to communicate in writing. Supplemental qualifications statement is required and may be picked up in Rm. 100 of the Personnel Building. Promotion potential to DP-3; however, promotion is not guaran-

No. 36-129, Engineering Data Technician, GS-303-4/5/6, Code 3651 — Multiple posi-Incumbent will assist senior specialist to process, record, account for and report on engineering documentation and engineering change actions. Elements: Ability: to learn data change procedures; to read and understand data/configuration management forms and documentation (drawing/blueprints); to learn to operate computer terminal equipment; to work

No. 39-003, Electronics Technician, DT-856-1, Code 3945 — This position is located in the System Integration and Evaluation No. 35-018, Engineering/Electronics Branch of the Weapons Department. Duties are performed in support of NAVWPCEN's tronics block and schematic diagrams and mechanical drawings; ability to perform electronics test equipment. Promotion 3114 - The incumbent will be the F-18 Fa- engineers scientists and technicians; abili-

No. 61-008, Supply Clerk (Typing), GS-2005-3/4/5, Code 6142 — Multiple vacancies. This position is located in the Ordnance develop and implement WSSF hardware and structured software development. To Control Branch of the Ordnance Division, General/Electronics/Mechanical/ Aircraft Department. Responsible for the Aerospace Engineer/Physicist, DP-801- procurement, shipping, inventory, receipt 830-897-855-1310-3/4, Code 3604 — The in- of ammunition/weapons to support NWC cumbent will serve as the Deputy Program projects. Abilities: to interpret naval instructions and supply documents; to communicate with other activities. Knowledge AIM-9 Sidewinder program efforts in pro- (for GS-5): of weapons systems to convey bent to identify tasks and milestones done Associate Fuze Manager for RAM proximiduct improvement, research development, Center requirements for weapons compo-

# **Recent Separations**

	HOUDIN OUL	Jululivii
le	Name	Title
В	Foster, Charles N.	Management Ana
4	Keenan, Jana R.	Clerk-typist
	Bare, Julie M.	Budget Analyst
	Wilson, Paula J.	Personnel Mgt. S
12	Rightmer, Raymond A.	Firefighter
14	Heath, Paul W.	Painter
1	Stetz, Bernard D.	Physicist
4	Herigstad, Debra M.	Computer Clerk
В	Beck, Kenneth E.	Electronics Tech
5	Colon, Michael T.	Electronics Tech
31	Means, James E.	Computer Clerk
3	Mahan, Rebecca J.	Clerk-typist
73	Morris, Cynthia L.	Civil Engr.
В	Cogan, Andrew R.	Computer Clerk
2	Schuetze, Bryan D., Jr.	Computer Spec.
3	Richards, Marla A.	Secretary (Typin
31	Christensen, Randall	Electronics Engr
4	Calvin, Rossie	Secretary (Typin
1	Kirk, Stephanie I.	Clerk-typist
		Cici ii ty pist

# Non-appropriated Funds Instrumentalities **Arrivals**

Mastin, Peter F. 2213 Johnston, Cathy Cary, Clark P. Wittrig, David J. Yeager, Margaret L. 2225 Berroth, Mark Walsh, Paul J. Mizner, Jennifer Caragan, Alberto

# Non-appropriated Funds **Instrumentalities Departures**

2213	Jackson, Amber
2213	Perea, Orlando
2213	Ordaz, Salvador
2213	Mahan, Charles
2213	Lipinski, Andrew
2213	Johnson, Michael
2213	Baker, Patrick
2224	Jensen, Timothy
2227	Nguyen, Olga

### Reassignment opportunities

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

Scientist, Physicist, Electronics Engineer, broad technical quidelines for laboratory Mathematician, Mechanical Engineer, development. Applicants for this position General Engineer, Aerospace Engineer, should have ability to direct and provide DP-1550, 1310, 855, 1520, 830, 801, 861-3, Code leadership to a multi-disciplined group of cility System Engineer responsible for the ty to plan a project from concept to combuildup of the F-18 WSSF Validation and pletion; experience with avionics systems Integration Laboratories. Based on func- commercial computer systems and familtional requirements, the incumbent will iarity with digital system design practices and software using facility and contractor apply for this position submit a current support personnel. The incumbent is SF-171 to L. Satterthwaite, Code 3114. NWC responsible for the top-level design of ext. 5440. multi-computer based real-time software No. 33-006, Interdisciplinary (General (F-18 system modeling, I/O drivers, utility Engineer/Electronics Engineer/Industrial software) and hardware (digital interfaces, Engineer/Physicist), DP-801/855/896/ avionics). It will be required of the incum- 1310-2/3, Code 3337 - This position is by others under his technical direction. The ty fuze tasks. The incumbent will be incumbent will be under the supervision of responsible for providing the lead in

No. 31-117, Interdisciplinary, Computer the Code 3114 Branch Head who will set

developing, awarding and monitoring tation, as well as ability to communicate various RAM proximity fuze contracts, and for providing support in the transition phase of the Mk 20 Mod 0 program from development to production. Promotion potential to DP-3, but not guaranteed. Please send updated SF-171 to Jerry Mumford, Code 33306, NWC ext. 1315.

No. 36-127R, Interdisciplinary (Mechanical/General/Electronics/ Aerospace Engineer, DSP-830/801/855/ 861-2/3), Code 36602 (2 vacancies) — Incumbent is responsible for production program engineer/manager duties for assigned program(s); will coordinate efforts of various NWC organizational units, including design engineering, quality, reliability, soldering, and documentation; and will maintain close liaison with technical management elements of NWC, NAVAIR, and prime contractors. Broad based technical knowledge of production and system/subsystem acquisition processes; working knowledge of Quality Assurance, Reliability System Safety, In- SF-171's to R. Harriman, Code 6255, NWC tegrated Logistics Support and Documen- ext. 6337.

effectively with all levels both orally and in writing; to comprehend and coordinate efforts on a large number of complex technical efforts; and to interface effectively with both NAVAIR and contractor personnel. Willingness to travel, sometimes extensively. Promotion potential to DP-3. Please forward a current SF-171 to George Barker, Code 36602, NWC ext. 3441.

No. 625-007, Physicist, DP-1310-1/2/3, Code 6255 — This position is located in the Laser Systems Branch, Data Systems Division, Range Department. The section is responsible for the development of the ALRITE laser tracking system as well as future advanced systems. Responsibilities include designing modifications for the ALRITE system. Incumbent also serves as a member of a team tasked with the design of an advanced laser tracking system Serves as general consultant in the areas of lasers, optics and electro-optics for range instrumentation applications. Please send

## Secretarial opportunities

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

Applicants will be rated against 4 or more of the following job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence; (4) ablify to compose correspondence and/or prepare non-technical reports: (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to

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

No. 25-005, Secretary (Typing), GS-318-4/5, Code 2502 - Provides secretarial support to the Supply Staff Office.

No. 32-198, Secretary (Typing), GS-318-4/5, Code 3273 - Provides secretarial support to the Systems Technology Branch. Promotion potential is GS-5.

No. 32-200, Secretary (Typing), GS-318-4/5, Code 3263 - Provides secretarial support to Weapons Systems Branch "A". Knowledge and working skill on a Xerox 640 desirable. Promotion potential to GS-5.

No. 36-126, Secretary (Typing), GS-318-4/5, Code 3643 - Incumbent provides sec-

retarial support to the Quality Control Branch. Promotion potential to GS-5 not guaranteed if filled at the GS-4 level. This ad replaces No. 36-123, previous applicants need not reapply

No. 62-009, Secretary (Typing), GS-318-4/5, Code 6255 - Provides secretarial support to the Advanced Systems Branch of the Data Systems Division.

No. 64-013, Secretary (Typing), GS-318-4/5, Code 6424 — The incumbent provides secretarial support to the Telemetry

# Final call for applications for 1986 long term training

Undergraduate Long-Term Training Op- than that offered at NWC); Electrical portunity - Long-term training refers to Engineering; Acquisition/Contracting; Fithe off-the-job training to which an nancial Analysis/Cost Accounting with employee is assigned on a fulltime basis A.D.P. background; Audio Visual Producand which consists of more than 120 con-tion; Graphic Arts Design; Management secutive working days. Such training may Information Systems; Occupational and be accomplished in either government or Safety Specialists. nongovernment facilities.

training includes all of the following: NWC 3511 of May 83). employee for three years by September In support of affirmative action initia-

Computer Science (in a specialization other than 4:30 p.m. of 28 Feb., 1986.

Eligible applicants will be ranked on the The trainee receives full salary, tuition, following relevant criteria: grade point shipment of household goods to the school average in previous college courses; past site and back, and travel for the trainee self-development efforts; plans for utilizaand dependents to the school site and back. tion of requested training. As identified by A three-for-one training agreement will be LTT Committee, the most highly qualified required from each successful applicant. applicants will be selected according to the Eligibility to apply for undergraduate Long-Term Training Handbook (NWC IDP

1986; must be within two years maximum tives, additional billets have been added to of completing desired undergraduate pro- the program this year. Applications can be gram, in accordance with CPI 410.10 and obtained from Nancy Saxton, Code 094. NWC Instruction 12410.5L of 30 Sep 82. Completed applications should be returned At the undergraduate level there is a to Nancy Saxton or Carol Corlett of the continuing need in the following areas: Personnel Department, Code 094, no later

# CSUN grad students note

CAL-STATE NORTHRIDGE STUDENTS English Writing Proficiency Test is elegible PLEASE NOTE!

Employees participating in the Cal-State University Northridge external master's degree program at NWC should note the following information regarding the admission requirements at CSUN.

The admission procedure is two-fold: the student is admitted to the M. S. program conditionally at first and upon meeting the prerequisites prescribed by individual departments and passing the Graduate Record Examination (GRE) and the

to be fully (unconditionally) classified.

The Dean of Graduate Studies insists that no more than 12 units of academic work acceptable towards the M. S. degree may be taken before removing the conditional status. Failure to observe this requirement may lead to non-acceptance of credit beyond 12 units.

For more information regarding the above, please contact Cecil Webb at NWC ext. 2648 or Steve Lee at NWC ext. 2468.

### CSUN counselor on board

Dr. Jagdish Prabhakar of Cal-State University Northridge will be on-Center March 20 to advise current and prospective students in the external degree programs offered by the school.

Cal-State University Northridge has external degree programs in electrical

engineering and mechanical engineering at NWC which lead to a master's degree. Those who wish to see Dr. Prabhakar are asked to make an appointment by telephoning Kelly Newton at NWC, ext.

### Bakersfield advisors due

Academic counselors from Cal-State Bakersfield will be on-Center March 18 to advise current and prospective students in the external degree programs offered by that school

External degree programs offered here by Cal-State Bakersfield include a bachelor's degree in business administration and a master's degree in public administration. Bakersfield also provides mathematics courses for other external degree programs at NWC.

Those who wish to see one of the academic counselors are asked to make an appointment by telephoning Kelly Newton at NWC ext. 2648.

### Training personnel suggest ways to speed registration

Before signing up for non-academic short courses, review the suggestions below to speed the registration process and to avoid potential problems.

It is always wise to discuss with your supervisor the objective for taking a class for all training to get a clear idea of what it is you expect to get out of the class.

For on Center training, submit NAVWPNCEN Form 12410/73 to Code 094 via department channels by the deadline date. Be sure to complete block 16 with a statement of the intended result of the

After receiving confirmation, block out course dates on your calendar. If you do not receive a confirmation date within 2 days of the start date, check with your department office and Code 094.

If you are disapproved, do not just "show up." Contracts with vendors have specific limits on the number of students allowed. If you must cancel, call Code 094 immediate-

Be sure to complete your evaluation at the end of the training and turn it into Code

For off-Center training, be sure that the course is not, nor will be available on Center. If it is not available, submit DD-Form 1556 to Code 094 via department channels, at a MINIMUM of 30 days in advance of the starting date. Be sure Block 4 has a clear statement of the intended result of training and attach a copy of the brochure. Registering by phone directly to the vendor is not allowed.

If money is required for the course, let Code 094 forward payment to the vendor. don't send it directly on your own.

If you must cancel, call Code 094 immediately, do not cancel directly through

Be sure to complete your evaluation at the end of the training and turn it into Code

The following chart details the proper form to be used for

TYPE OF COURSE	12410/73 "Request for On- Center Training"	DD1556 "Request, Authoriza- tion, Agreement, Cert ification of Train- ing and Reimburse- ment"
On-Center Short Courses*	1111	(Code 294)
Academic Classes: Cal State Morthridge, Chico and Bakersfield	xxxx	:4:
Academic Classes: Cerro Coso Community College		xxxx
Self-Study Courses: Correspondence	BV:00 BTX17	A. XXXX
Self-Study Courses: All other	XXXX	
Off-Center Courses (includ- ing off-Center academic)		XXXX
Conferences	No training enrollment form re- quired; include registration fee on travel orders.	
Tutorials (3 hours or more) in connection with conferences	ogmay in tene	XXXX

fincludes Center sponsored short courses conducted at locations such as motel meeting rooms and Cerro Coso Community College