Easter services

with Good Friday observances.

Easter Week services at the Naval

Weapons Center All-Faith Chapel begin

The Protestant services start at noon to-day (April 17) in the main chapel. Sunday

at 9 a.m. a contemporary Easter Worship

Service is planned in the east wing of the

chapel. The regular Protestant Easter ser-

vice will be held in the main chapel at 10:30

Catholic Good Friday Services, "Cele-

bration of the Lord's Passion," will be held

at 5 p.m. today in the main chapel. Tomor-

row (Saturday) the Easter Vigil will begin

at 7 p.m. in the main chapel. The Easter

Sunday Mass is scheduled for 9 a.m. in the

All China Lakers are invited to attend the

Wildflowers are blooming all over. Those

take a hike or who are interested in learn-

ing how to identify the flowers are invited

to the 10th annual Spring Wildflower Show

at the Maturango Museum on Friday, Saturday and Sunday, April 24 to 26, from

More than 100 identified and labeled

species of spring blooms from desert trees.

shrubs and wildflowers from the Indian

Wells Valley and surrounding mountains

All measurements are made at Armitage

Veather

Report

Peak

Gust

23 knots

25 knots

15 knots

14 knots

13 knots

9 knots

8 knots

Flowers bloom

Easter service of their choice.

main chapel.

10 a.m. to 5 p.m.

will be on display.

Fri.

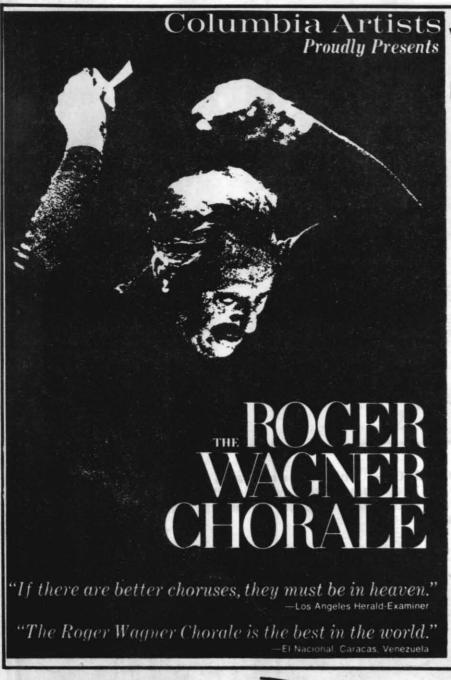
Sun.

Mon.

Tues.

Thurs.

Airfield.



Proudly Presents Viennese nights remembered

Local concert-goers will spend a "Night in Vienna" with the Roger Wagner Chorale beginning at 7:30 p.m. Thursday, April 23 at the Center theater.

This final concert of the Indian Wells Valley Concert Association season will include selections from Schubert, Brahms, Lehar, Tchaikovsky, Gounod, Grieg, Bizet, Mendelssohn and Strauss. Also inleuded will be a tribute to Romberg.

The Chorale began in 1946 as a 12member madrigal group and has since received both national and international acclaim.

Founder-Director Roger Wagner is described as an expert at composing, arranging and symphonic conducting as well as at choral conducting. He is regarded as an authority on the religious music of the Medieval and Renaissance periods and has been knighted twice for his contributions to sacred music. Although he has recently been ill, Wagner is expected to conduct Thursday's concert.

Season ticket holders who do not plan to attend the concert are asked to release their seats for resale by calling 375-5600. Tax deduction receipts are available. Those needing special-event passes to NWC, which will be available at the main gate, should allow extra time for processing.

A student concert will be presented by the Chorale on Friday, April 24 at 10 a.m. Costs are paid by the IWVCA Student Education Fund. The student concert will be held at the Center theater, where some seating will be available to the general public at no charge.

18, beginning at 6:30 p.m. For more information contact June at the EM, NWC ext.

Disco with Disc Werks tonight and tomorrow night from 9 p.m. to 1 a.m. at the Enlisted Mess. Soundwaves will be playing at the EM this Wednesday, April 22 from 8 until 11:30 p.m. Entrance fees for either night are only \$1 per person for active duty military personnel and \$2 per person for all others.

goodies while they are looking at the wide range of exhibits inside the museum as well as touring the "western village" behind it.

"Friends of the Museum" are holding a bake sale at the building itself tomorrow from 10 a.m. to 4 p.m. The museum is located in Independence, about two blocks west

side." Advance tickets, \$2 for children and \$3 for everyone 12 and over, can be purchased at the Information, Ticket and Tour Office, the Children's Centers and Ridge-

Following the program, an autograph party will be held at the Enlisted Mess.

computer aided manufacturing (CAD/CAM) demonstration to members and guests of the China Lake Post, Society of American Military Engineers (SAME) on Tuesday, May 5 at the NWC Commissioned Officers' Mess. The luncheon meeting will start at 11:30 a.m. Attendees have a choice of the soup and salad bar or a steak sandwich. For reservations or additional information call Sam Miller at NWC ext. 3411/28 no later

Community Events

From 9:30 a.m. until 1:30 p.m. the Commissioned Officers' Mess will be holding its annual Easter brunch. For only \$4.95 per person, \$2.95 per person for children under 12, enjoy a wide variety of delectable food to help make this Easter just a bit more special.

Great prizes will be available for some talented pool players. Tonight the Enlisted Mess will sponsor a pool tournament for EM members and DoD employees. There is a \$5 entry fee for this double elimination tourney scheduled to begin at 6 p.m. All entry fees become part of the prize fund and table fees will be paid by the EM. For more information, please call RM2 DeChamplain at NWC ext. 3043, AC2 DeChamplain at 446-3412 or June Thomes at 446-6929.

For the first time the Enlisted Mess is having a dart tournament for members and DoD employees. There is a \$5 entry fee for this tourney scheduled for tomorrow, April

Visitors to the Eastern California Museum tomorrow will be able to munch some

Next Tuesday Steve Millang and Greg Scelsa of Youngheart Records will appear at the Center theater at 6:30 p.m. with a program entitled "Everybody Has Music In-

crest Community Connection. Tickets purchased at the door are \$2.50 for children and \$3.50 for adults.

Steve Dodge of Mitchell, Webb and Associates will present a computer-aided design,

Electronic orchestra

Electronic synthesizers will be used for the first time by the Desert Community Orchestra at the May 3 concert.

Conductor Ron Rurdick chose this solution to meet unusual percussion demands in Zoltan Kodaly's "Hary Janos Suite." For example, some parts of this piece were scored for an instrument called the cembalo, not available in the Indian Wells Valley. It has been described as sounding like a cross between a banjo and a piano. The range of sounds produced by a synthesizer will allow the Indian Wells Valley ensemble to approximate the composer's

Also on the May 3 program, the final one of the current season, is the "Serenade for Winds" by Antonin Dvorak.

The concert begins at 3 p.m. at the NWC theater. Tickets will be available at the door starting at 2:30 p.m. Adult admission is \$6 per person with active-duty military personnel, senior citizens and students eligible for \$4 admission.

Horse show

For the past week, the Great Kern County Fair and the Junior League of Bakersfield have been hosting the National Horse Show Classic and Afternoon on the Green at the Kern County Fairgrounds. The festivities will continue through April 19th and will include English and western horse shows, barbecues and a parade.

Over 700 horses will be competing and parking and admission, except to the barbecues, are free.

Membership card required at gym

All gymnasium patrons are reminded that their Athletic Association Membership Card must be shown at the gym attendant in order to use the facility. Personnel may also use the gymnasium facility by paing a

Further information about membership and use of the gym can be obtained by telephoning the Sports Branch at NWC

	UN. APRIL 17, 18, 1 AN AMERICAN TAIL" nimated, rated G, 81 min.)
WEDNESDA	Y STREETS OF GOLD* Starring
	aria Brandauer and Adrian Pasdar Drama, rated R, 92 min.)
FRIDAY "J	UMPIN' JACK FLASH" Starring of Goldberg and Stephen Collins comedy, rated R, 105 min.)
	ing Time: Evening / 7 pm (G) ALL AGES ADMITTED General Audiences
	ing Time: Evening / 7 pm
	Ing Time: Evening / 7 pm (G) ALL AGES ADMITTED General Audiences (PG) ALL AGES ADMITTED

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Webb sworn in as the 66th Secretary of the Navy

James H. Webb Jr. assumed the reins of power as this nation's 66th Secretary of the Navy on Friday, April 10 following his unanimous confirmation to the position by the U.S. Senate. He said he was "privileged and honored to lead the world's finest sail-

The new Secretary of the Navy (SEC-NAV) succeeds John Lehman in the Pentagon post. Lehman stepped down after serving six years to spend more time with

Marine, is a 1968 graduate of the Naval Academy who also completed Marine Officers Basic School at the top of his class of 243. He won the Navy Cross and Silver Star as a combat officer in Vietnam. After receiving a law degree from Georgetown University in 1975 he alternated between positions in government and a career as an

Prior to being nominated as SECNAV, he

Reserve Affairs. He has been assistant minority counsel and minority counsel on the staff of the House of Representatives Armed Forces Committee and is the author of several books including, "Fields of Fire," a well-known novel about the Viet-

As he departed, Secretary Lehman said, 'I go ashore with very mixed emotions. It is difficult to leave the best job in the world

Secretary Webb, a 41-year-old former was Assistant Secretary of Defense for ... my regrets are tempered by the satisfaction of seeing today a Navy and Marine Corps more capable than at any time in our peacetime history ... I know it is all of you - the sailors, Marines and civilians who have really brought about this achievement. It has been the most exciting experience in my life to have had the privilege of working with you all these past six years." He departed with full honors, including a 19-gun salute at the Pentagon.



Leadership in numerous tasks brings high honor

Barbara J. Thurman, former head of the Supply Support Division, was the honored recipient of the Navy Meritorious Civilian tion systems as they were introduced at Service Award at a retirement luncheon

The award, the highest the Naval Weapons Center commander may grant, is given in recognition of contributions resulting in high values or benefits to the Navy. Ms. Thurman is the fourth woman to receive the award at NWC.

As Capt. John Burt, Center Commander, presented Ms. Thurman with the award, he cited her association with and leadership of numerous innovative programs within the Supply Department over a 33-year period. He recognized her knowledge, dependability and responsiveness to the needs of the Center and noted she has received many awards over the years, "all of them well

"This is beyond any expectations I might have had," said Ms. Thurman upon accepting the award. "I would like to thank you all. Most of all, I'd like to thank all of the people who have worked with me and have made me look good."

In his letter nominating her for the award, Capt. R.A. Dropp, Director of Supply, commended Ms. Thurman for her attention to detail, dedication to hard work and aptitude for supply functions.

Capt. Dropp lauded her leadership in implementing new management informa-China Lake and other contributions toward efficiency of operations, which were undertaken in addition to her normal workload.

Capt. Dropp's letter went on to say, "Ms. Barbara J. Thurman has contributed significantly for 33 years to the mission of the Naval Weapons Center, making herself the sought-after senior in all areas of supply operations. Her mature and thoroughly professional administrative and managerial skills have reflected most favorably upon herself and the Center."

Throughout her career, she has represented the Center in dealings with the Department of the Navy and DoD. She has been the primary point of contact in the supply operations area for major claimant command inspections and was the leader in coordinated supply support efforts for joint military exercises such as Gallant Eagle.

Capt. Dropp also commented that, over and above all the awards and letters of commendation that Ms. Thurman has earned, "perhaps the greatest and most lasting award is the tribute people, both within Supply and throughout the Center, pay her when a question pertaining to supply operations arises and they invariably say, 'I don't know; let's ask Barbara."



SPECIAL AWARD - Barbara Thurman becomes only the fourth woman at the Naval Weapons Center to be honored with the Navy Meritorious Civilian Service Award. Capt. John Burt, NWC Commander, made the presentation at a retirement luncheon for Mrs. Thurman last week. - Photo by PHAN Bob Reynolds

Author, celebrity delivers keynote address to signal start of NWC's Secretary's Week

keynote speaker for this year's celebration Mess. A video made at NWC about Center of Secretaries' Week at NWC.

Mrs. Davenport, who juggles the demands of a young family as well as her career in the media is called on often to speak to groups around the nation. She feels being able to achieve a lot is based on having self-esteem. This will be the topic of her talk Monday.

The week's activities will begin at 1 p.m.

secretaries will be shown before Mrs. Davenport's talk.

talks on color analysis in Room 1000D of gram will be at Room 1000D, Michelson Corporate Secretaries Board, which is Michelson Laboratory, one from 9:30 to 11:30 a.m. and the other from 2:30 to 4:30

Wednesday's activities center on health. Marilyn Ball will discuss "Heart at Work"

Rita Davenport, a best-selling author Monday with an all hands secretaries' from 9:30 to 10 a.m. and from 2:30 to 3 The week will come to a fun finale with a

Dr. John Fry will speak about stress 11:30 a.m. and from 1:30 to 4:30 p.m. in Room 1000D, Michelson Laboratory.

and television and radio star, will serve as meeting at the Commissioned Officers' p.m., followed by Carla McDonough talking brown bag networking lunch on the lawn of on physical fitness from 10 to 11:30 a.m. the Headquarters Building on Friday, starand 3 to 4:30 p.m. The morning's talks will ting at 11:30 a.m. Music will be provided by be in the Mojave Room of the Commission- the blue grass band "Cross Currents" and On Tuesday, Jo Richey will present two ed Officers' Mess and the afternoon pro- drinks and dessert will be provided by the sponsoring the week's activities.

All supervisors are asked to allow their management on Thursday from 8:30 to secretaries and clerical personnel to attend as many of the week's functions as possi-

Safety awards earned by Center departments

Employees and managers of two Naval Weapons Center departments were recently honored for outstanding safety accomplishments during a multi-year period. Capt. John Burt, NWC Commander, presented the Center's Safety Award Certificate for Significant Achievements to the Research Department (Code 38)

and the Aircraft Weaons Integration Department (Code 31). Personnel in Code 38 worked 1,000,000 man-hours without a lost-time accident from Oct. 1, 1983 to Feb. 28, 1987. In Code 31, the employees crossed the 2,000,000 man-hour mark without a lost-time accident. This was done between Sept. 24, 1984 and Feb. 28, 1987.



Spring cleaning:

Don't forget fire safety check-ups

Spring cleaning time is here. While you're giving your house a spring cleanup, why not give it a fire safety checkup as

Fire is more of a possibility than you would think. Every year, fires kill more Americans -- 6,000 -- than all other natural disasters combined, although fire is not a completely "natural" disaster. Fires injure 60,000 Americans a year badly enough to require medical attention and cost the country \$30 billion damage to property and persons.

Here's a checklist that may be helpful in preventing your household from being a

Fire extinguisher. If you don't have one, buy one. An all-class (Class A, B and C) extinguisher is good for all fires except those primarily involving metals. Purchase one with the underwriter's laboratory (UL) or factory mutual (FM) label. Once you buy one, put it in the kitchen near the door, not near the stove. You may want to buy more than one -- it's a good idea to have an extinguisher on every floor of the house. Mount it out of a toddler's reach, and check the pressure gauge regularly. Fire extinguishers are meant to fight small fires only (no bigger than a trash can). William D. Killen, the Navy's fire marshal program administrator. said you should call the fire department, no matter what the size of the fire.

Cords and plugs. Replace worn cords. Keep cords away from heavy traffic areas. Unplug small appliances (toaster, coffee maker, hair dryer) when not in use.

Smoke detectors. In a house, there should be a smoke detector on every floor. In apartments, place one within 10 feet of all bedrooms. Check the batteries burns. occasionally to make sure they still work.

Light fixtures. Make sure bulb wattage is not too high for the fixture -this can cause overheating. (Fixtures and lamps usually indicate the highest wattage make sure the coals are completely they can tolerate.)

house, put ashtrays in every room and embers.

empty them often. Don't smoke in bed.

Doors. Make sure they can be unlocked from both sides. An extra safety precaution is to close doors at night -- this acts as a fire break.

After you've checked for those items, do a room-by-room check:

Kitchen. If you have children, don't store cookies and candies above the stove. Children could get burned trying to get at the treats. Clean the stove and oven frequently to prevent the fire hazard of grease buildup. Keep electrical cords away from the stove and sink. Keep combustible materials -- including cookbooks, pot holders and towels -- away from the stove. Killen said you should not attempt to douse a grease fire with flour -- it can cause an explosion. Put a pot lid over the fire. If your pot doesn't have a lid, cover it with another large, clean pan.

Living room, family room or study. Make sure televisions, computers, videocassette recorders and other appliances have adequate ventilation. Resist the urge to use such appliances as resting places for books, magazines and flower vases. Books and magazines cover ventilation, and vases could cause problems if they spill.

Basement. If your furnace or hot water heater is in a laundry room that doubles as a storage area, be careful not to store anything flammable too close to it -not even clean clothes.

Outside. Don't fill the gas tank on a lawn mower while it's running, hot or in a closed area such as a garage. Gas can explode without warning, causing severe

Don't leave barbecue fires unattended, and do your grilling at least 10 feet away from buildings. Don't douse charcoal with lighter fuel once the fire has started, and extinguished once you've finished cooking. Ashtrays. If there are smokers in your Many a fire has started from smoking

Purdue grad finds NWC challenges to her liking

tions Advanced Development (IMAD) college but, while working on the IM pro-Technical Manager for Ordnance (Code gram, I've learned a new way to think. Now 33505), came to work at NWC following her when I look at the tasks at hand I can visugraduation from Purdue University.

Center recruiter while still a student. The promise of a chance to become familiar integrated.' with the Center and its mission during a year of Junior Professional (JP) tours and the most challenging part of her job. There the wide variety of jobs to choose from are tasks involving materials, others infollowing that year was an opportunity she couldn't pass up.

"Besides, all the other jobs I was offered required working in a laboratory. While I helped to develop her conceptually-oriented was still in college, I not only had chemistry labs, but worked for commercial laboratories. By the time I graduated, I was sensitized to chemicals!"

Upon her arrival here three years ago, Ms. Dock began her series of JP tours. "I'm all for the JP program," she says. "A newcomer can become familiar with the the co-leader of a Girl Scout troop. She also mission of the Center, make valuable con-raises Pomeranians, knits, frames pictacts and get a feel for what kind of work he tures, plays racquetball, attends musicals or she will enjoy the most."

During a tour in the Fuze and Sensors Department, Ms. Dock worked on the Phoenix fast cookoff program. As an overtime project, she collected munitions status NWC fellowship candidate and hopes to atdata for an insensitive munitions (IM) data

Intrigued by the problems being addressed by the IM program, she accepted

"One of the things I enjoy the most about my job is the variety of tasks," says Ms.

Debra Dock, Deputy Insensitive Muni- Dock. "I learned how to solve problems in alize solutions that take into account not A chemistry major, she talked to a just one problem but a whole array of tasks and their solutions and how they must be

Ms. Dock says this same variety is also corporating special design concepts and those dealing with all-up weapon systems. Understanding and coordinating them has

"It's amazing to me. Now when I'm presented with a problem, I am able to make a quick estimation, almost like a

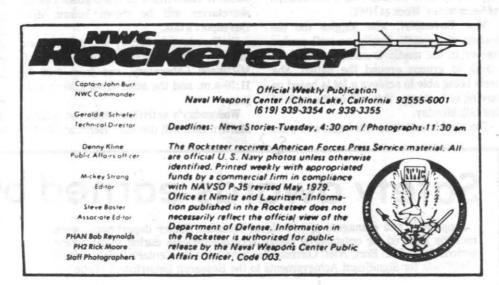
In addition to fulfilling the responsibilities of her job, Ms. Dock enjoys being and goes camping.

In her spare time, she is taking a thermodynamics class to ready herself for the continuation of her education. She is an tend San Diego State in the fall in pursuit of a master's in mechanical engineering.

"I like the technical aspects of my job," she says, "and an engineering degree will be very helpful when the time comes to integrate the design concepts of the IMAD Program into the appropriate weapons."



CHAMBER DESIGNER - Debra Dock puts finishing touches on the steel chamber she designed for fuze fast and slow cookoff testing.



Children appreciate fair's fun

Last week's Children's Fair, sponsored by NWC Children's Centers, was a smashing success. While no exact count of attendance was taken, five hundred balloons were given

away that day. A few of the activities, all designed to stimulate children's imagination and learning, included an obstacle course, pet rocks, kites, art, sensory stimuli and a booth filled with educational toys for children of all ages.



KITE DECORATING -- Children were able to make their own decorations for kites being given away. With the ends cut out of these bags, and a tail made of paper streamers, these kites were a



LEARNING CAN BE FUN -- Jennifer Moline found a mixture of corn starch and water an interesting experience in learning the differences between textures of different items available at the Children's



ANOTHER PICASSO -- Makena Dullen enjoyed creating her own masterpleces with construction paper, glue and a mixture of tempra and salt.

PET ROCK -- Making pet rocks was just one of the many activities designed to stimulate children's imagination.

Eight soccer teams register shutout victories

Fourth week of play for the NWC's Youth Soccer leagues found improved playing by most of the young players.

Owls 0, Eagles 0 Several unsuccessful shots on goal were made by Janna Bullock and David Rollingson with Michael Curtis, offense, and Timmy Foley, defense, playing well for the Owls. Carlos Tovar and Jonathan Ford did well on defense and Vince LeBlanc saved four goals for the Eagles.

Strikers 1, Sockers 0 Assisted by Daniel Caffrey, Renee

Armstrong made the lone goal for the Strikers. Good goal attempts were made by Ryan Litty and Greg Greedy for the Sockers, but to no avail.

Coyotes 0, Apollos 0 Three goals were blocked for the Coyotes by Michael Lamond with help from Cherise Muhn, Billy Barham and Justin Martin. Matthew Girardot kept the Coyotes from scoring with good defense work by John Fath and Thomas Koelsh.

Rowdies 3, Roadrunners 1 Outstanding offensive performance by Chris Peters, who scored three goals, and fine defense by Kate George and Tiffany Austin won the game. Roadrunners received excellent defensive play from Shane Summers and Ember Shedlock in their first loss of the season.

Aztecs 5, Earthquakes 0 Bouncing in goals for the Aztecs were



Neil Covington and Mike Hobson with three goals scored by Joe Mechtenberg. Brian Lee, Jennifer Crouch and Michael Holmes played hard for the Earthquakes, but couldn't stop the Aztecs.

Whitecaps 4, Rogues 3 Outstanding goal keeping was demonstrated by Clark Wilson for the Whitecaps in this game. David Hill, Tim Castleberry, Clay Wilson and Jimmy Ball scored the goals for the winners. The Rogues had good passing by Nathan Nickell and Steve Mill with nice headers by Brent Seybold and Nathan Nickell. Goals by Rigel Frame, Richard Byers and Loren Letscher weren't enough in the loss.

Stings 1, Timbers 0 Jason Ford slammed in the only goal for the Stings. Fantastic defensive play by goalie Bill Yeager and great offensive play by Rebecca Moldenhauer and Michael Murrey prevented the Timbers from scoring. Plays by Timbers' Robby Tomlinson and Aaron Knecht kept the

game moving. Adam Summer, as goalie,

kept the Stings' score to just one.

Kicks 4, Diplomats 0 Excellent team play, with scoring by David Moreno; Brad Harper and Jerry Green, each assisted by Tommy Foisy; and Mike Ogren, assisted by Green, led the Kicks to victory. Tommy Fuller, David Renner and Ryan Flores played an outstanding game in the win. Rallying in the second half, the Diplomats' Tami

Vaughn and Andy Scott prevented any

more points by the Kicks until the end of

the third quarter. Sounders 5, Whitecaps 3 Matt Bullock, Steven Yoo and Jason Maxwell played an excellent game for the Sounders. Sounders' goals were booted in by Damon Kelling, Jamie Scholl, Doug Wilson, Sean Waldron and Beau Arnold. Brett Juskalian scored on a rebound from the goalie for the Whitecaps. Other goals

were made by Steve Stict and Steve Mein

in the loss.

Roughnecks 6, Tornados 0 Aaron Schwartz scored two goals while

Jonathon Rae, Sean Williams, Don Hill. and Steve Lewis, assisted by Michelle Murphy scored the other goals for the victors. Joseph Battaglion, Chad Shedlock, Tim Wickers and Romin Morin were strong players for the Tornados.

Fury 3, Whitecaps 2

In this close game, goals were made by Ashley Fortune, Jimmy Ball and Ralph Jorgenson in the win. Tim Castleberry played well in goal and prevented the Whitecaps from a higher score. Exceptional play was provided by Dean Barnett and good plays were shown by Kelly Richison and Eric Haan in the loss. Whitecaps' goals were kicked in by Kelly Richison and Tim Seufert.

Lancers 3, Drillers 1 Starting slow, the Lancers gathered speed with Jonathan Mickelsen booting in one goal and Vasken Haroutunian kicking in two goals. Jennison Kenady, David Estis and Randy Martin were excellent players for the Lancers. The Drillers didn't turn in a score sheet.

Cobras 1, Express 0 A super block by Express' Jonell Hopeck turned back a sure goal and a tidal wave of aggression by the Cobras. Adam Brackey, Jason L. John R. and Chris M. were outstanding players in the loss. The Cobras didn't turn in a score sheet.



VOLLEYBALL SEASON - Mixed Company is one of the teams competing in NWC Intramural Volleyball League play this

- Photo by PH2 Rick Moore

Scorpions plan adventure into West German soccer

Sixteen young athletes will lead a trip to West Germany later this year by the Scorpions under-19 soccer teams. The Scorpions Soccer Club hosted teams from Germany in recent years as part of the California Youth Soccer Association exchange program now they have the chance to make their own trip to Europe.

The team, accompanied by Karl Kauffman, coach and Sylvia Hugo, a local French teacher, will spend a week in Hannover and a week in Oberhausen before returning to Ridgecrest.

As soccer ambassadors from the Indian Wells Valley, the Scorpions have traveled to Mexico and Canada in recent years. Team members are busy with fund-raising projects to earn the estimated \$900 per player cost of the adventure to Germany. Additional fund raising efforts, such as car washes and spaghetti dinners, are also

Anyone interest in helping the Scorps make this soccer journey can call Coach Kauffman at 446-5084 for additional infor-

Stress:

No one is immune to its impact

Stress. Everyone is subject to it, even children. It can be caused by the weather, the job, our bodies, and our own attitudes. Even something as simple as not having enough bathrooms has been found to be a great source of stress in families.

Not all stress is bad; without some pressure, we would never accomplish anymorning. But being under a lot of pressure--and not knowing how to handle it-can lead to a number of health problems and damage our personal and work rela-

Stress is any change you must adjust to. Your attitude determines whether stress is good or bad. What might be perceived as an extremely stressful task by one person may be perceived as a contest or challenge by another

When a person perceives a task as a challenge, he may experience "positive" stress--increased awareness of the environment and increased energy and effi-

If the task is perceived as an insurmountable hurdle rather than a fun challenge, the negative effects of stress appear. These include a sense of inefficiency, sometimes to the point of near paralysis, indecisiveness, irritability and inability to relax.

If the feeling of stress is chronic, it can result in lost sleep, which compounds inefficiency, creating a vicious cycle. To determine whether you are reacting

positively or negatively to such stressors as tight deadlines for work projects, and upcoming move or family problems, ask yourself whether your emotional reaction thing or even want to get out of bed in the to the situation is getting in the way of doing the best job of solving the problem. If the answer is yes, you probably need to learn more about stress management.

> Although it's probably impossible to avoid all bad stress, you can keep it from becoming overwhelming by following some of these tips from stress manage-

> Exercise. This makes use of some of the adrenalin built up in the "fight or flight: reaction to stress Since anger is sometimes part of the stress problem, you may want to try a technique recommended by an executive friend: Play racquetball or tennis and pretend the ball is an enemy or problem you want to smash. Beats doing that to a real person!

Talk about the stressful situation with a friend or loved one.

Remind yourself that Superman had the help of trick photography. Don't expect yourself to be all things to all people. You

GBU, Aeronetters in league lead

with 8-1 and 7-1 records respectively.

Trailing the division-leading GBU squad the season. by half a game is the Roofing Co. at 7-1 Volleyball action can be viewed in the while the Ball Busters are now 6-2 on the NWC Gym Monday through Thursday.

GBU and the Aeronetters lead their season, Mixed Co. and the Banzai Bums are respective divisions of the Naval Weapons both 5-2 in the "A" Division. In the "B" Center's Intramural Volleyball League League the Rocketeers are 6-1, while the Red Wreckers are at 4-2 mid-way through



The

Civilian employee -- Yes, we just got a Navy Memo and I know there is a retirement system change coming up; the Navy sent out a memo. The number is 12831, dated 9-043, whatever that means, and it is to all hands from Personnel. A lot of us are wondering about switching to this other retirement system. Now on the very first page they give an example of the savings plan. They said the government contributes a dollar from everyone up to three percent. Then they say the government contributes two dollars for every fifty cents up to the next two percent. Both of those are two to one ratio, and probably wrong. Isn't it possible for them to give us the straight scoop; especially for those who are thinking of **ANSWER**

Your question seems to cover two separate concerns. One is about the new Federal Employees Retirement System (FERS) and two, is about the Thrift Savings Plan (TSP). There are two retirement systems now. The Civil Service Retirement System (CSRS) and the FERS. CSRS employees will have an opportunity to transfer to FERS during the period of July 1 through December 31. Information on the new retirement system (FERS) has been provided as received. Because there are three agencies involved (Office of Personnel Management for basic annuity, Social Security Administration for the Social Security portion and the Thrift Savings Board for the Thrift Savings Plan portion) information has been coming in piece-meal and has been changed frequently. We are making every effort to keep employees informed. Video tapes on FERS and Social Security and computer software, to make individual comparison of benefits under the two systems, have been furnished to all department offices for use by their employees. (These are also available for check out in the Training Center.) FERS and Thrift Savings Plan booklets have been distributed to all employees and articles have been published in the Rocketeer and the Announcements. The TSP is one tier of the FERS. The other two tiers are Social Security and Basic Annuity. CSRS employees as well as FERS employees may participate in the TSP portion of the new retirement system. The government matches some of FERS employee contributions but there is no match of CSRS employee contributions. You have a keen eye and you have no doubt already noted in the TSP book that the matching contributions are different than what was in the memo. The information published in the all hands memo was the information furnished to us at that time. The information in the TSP book on matching contributions, Page 6, is correct.

We will continue to provide information to employees as it is received. If you desire addition information contact Virginia Spille, NWC ext. 2018.

Retired military -- My question concerns the discrimination of retired military. Years ago, CNO (I believe) came out with a directive that there would be no discrimination between retired military and military personnel, active duty that is. But since then, in the Rocketeer, Navy Announcements and the Roadrunner, all I see is Active Duty, civilian, DOD civilian, or last but not least, military retired with different prices for everything. What happened to the non-discrimination, or what happened to the total force? Thank you very much.

While we are not aware of the CNO directive that you mention, discrimination on this Center will not be tolerated; including discrimination directed toward retired military personnel. However, various groups of people do have different rights, responsibilities and privileges.

If you are referring to recreational privileges and associated fees and charges, the priorities of privilege are assigned by Naval Military Personnel Command directive. Active duty military and their dependents permanently attached aboard the Center have the highest priority. After all other groups of military and their dependents, retired military and their dependents have priority for recreation privileges. There are several groups of people on down the priority list ending with DOD civilian employees. Due to local demographics and the unique posture of NWC, letters of special authorization for DOD civilian dependents and area civilians provide for some space available privilege on a facility by facility basis.

All China Lakers, including military personnel, civilion 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 questins are directly from Capt. John Burt. Please call NWC ext. 2727 with your question and state whether you can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a questin may leave name and address for a direct contact, but this not required otherwise. There is no intent that this column be used to subvert normal



COMMENDATIONS AWARDED - Wayne Smith and Donna Charles, Naval Wespons Center employees, were honored by the U.S. Department of Labor's Occupational Health and Safety Administration. Capt. John Burt, NWC Commander, recently presented the pair with certificates of appreciation for Ms. Charles' work as secretary of the Mojave Desert's Federal Health and Safety Council and Smith for chairing the council during 1986. The letters with the certificates read, in part, "It is the efforts of persons like vourself which help to broaden and enrich the occupational safety and health backgrounds of all those participating in the activities of the council."

Certification for employee

Donette Cappello, a Supply Department contract specialist for the Contracts Dividividuals who have reached a high level of sion, has been designated a Certified Professional Contracts Manager by the National Contract Management Association.

The NCMA program recognizes ineducation, experience and training in the procurement and contracting profession and culminates in a six-hour certification

IWV TV Boosters replace public radio relay device

Technicians of the Indian Wells Valley TV Booster, Inc. have replaced a relay antenna that brings National Public Radio broadcasts into the area. After an interruption of several weeks, Valley listeners can once again receive San Bernardino's noncommercial station, KVCR-FM, transmitclassical, rock and other music at 88.7 on

TV Booster is a volunteer organization operating relay stations on Laurel and B Mountains to bring through-the-air transmission of television and FM radio broadcasts to the local area. Persons interested in obtaining more information are ting news, drama and a variety of folk, invited to contact President Ed Middlemiss

Engineering readies sale of used books next month

Book lovers can avail themselves of a sonable prices, but everyone who buys a \$3 bargain and help a good cause at the same coupon will be entitled to pick \$4 wirth of time by taking advantage of the Engineer- books - another real reduction. ing Department's used-books sale. The sale Coupons are available now and must be Laboratory from 7 to 7:30 a.m. and 11:30 a.m. to 12:30 p.m. daily May 4 through 8.

will take place in Wing B of Michelson purchased prior to the sale. Everyone is

More information can be obtained from Marla at NWC ext. 3705.

New California traffic laws may impact many NWC employees

California traffic laws went into effect that imposed. you may or may not be aware of. They are:

age 4 and under and others weighing 40 lbs. or less must now wear a helmet meeting specified standards. This is in addition to recent legislation requiring approved safepassenger from moving parts. The first violation would be dismissed with proof of purchase of approved gear.

jail, a minimum fine of \$300 for the first of- are exempt. Additionally the new law pro- the tab.

Effective January 1, 1987 some new fense and \$500 for a second offense will be

AB 3962 provides that, under certain cir-vehicle. AB 1019 requires that bicycle passengers cumstances, the vehicle driven by a person

hibits insurance companies from providing benefits as a result of loss of a confiscated

And while on the subject of DUIs we all convicted of a felony DUI offense may be know that a person is considered legally sold by court order. The sale may be drunk when the Blood Alcohol Content ordered if the defendant is the registered (BAC) reaches 0.10. A new law provides owner and has had one or more previous that it is an infraction for a person under ty seating that will protect the young DUI convictions in the last 5 years. The the age of 18 to drive a motor vehicle with a proceeds of the sale (after payments due BAC of 0.05 or higher. Minors convicted the legal owner or lien holder) will be turn- under this section, with certain exceptions, ed over to the city or county in which the will be required to participate in an alcohol AB 3262 increases the penalties for a per- offense occurred. Stolen vehicles, vehicles education program. If the minor's BAC is son found to be driving with a suspended or owned by someone other than the defendant 0.10 or higher, an alcohol rehabilitation revoked license. In addition to existing and a vehicle which is the only one avail- program may be ordered with the possibilpenalties which can include time in county able to the defendant's immediate family ity of the parents being required to pick up

Hacker proof the computer

"Computer Security Handbook", by Rolf T. Moulton is now available in the Center

In this comprehensive handbook, Rolf Moulton shows the reader how to design. implement, and maintain economically justified security controls appropriate for the data and computer-related assets they wish to protect. In a clear, straightforward manner, he provides practical answers to such questions as: "How do I control what my computer and data are being used for? How do I prevent errors and omissions? How do I keep "hackers" out of my com-



When Capt. John I. Hardy became commander of the Naval Ordnance Test Station in 1964, he was returning to familiar ground: he had served as China Lake's Experimental Officer from 1954 through 57.

During that time he had been closely associated with the Sidewinder program, directing the extensive liaison between fleet operations officers and NOTS scientists and engineers to ensure the practicality of weapons for combat and support.

His own combat experience during World War II following his graduation from the Naval Academy included service in the Guadalcanal, Coral Sea, Midway, Solomons, Santa Cruz and Capte Esperance campaigns.

After he qualified as a Naval aviator in 1944, he attended graduate school, earning a master's degree in aeronautical engineering from the Massachusetts Institute of Technology.

He served in Washington in the Office of returning to combat during the Korean

Service in Hawaii and Alaska followed before his first tour at NOTS. When he left China Lake the first time, his service included another Washington assignment as well as sea duty with the USS Princeton, Taluga and Hornet; he then returned as NOTS Commander.

When Capt. Hardy retired from the Navy at China Lake in February 1967, he served on the faculty of Case Institute of Technology in Cleveland.

China Police Reports

China Lake Police Department officers apprehended and cited a motorcycle rider for evading a peace officer and vehicle code violations following a high-speed chase on Randsburg Wash Road.

Officers investigated a report of a bicycle stolen from the front of the Enlisted

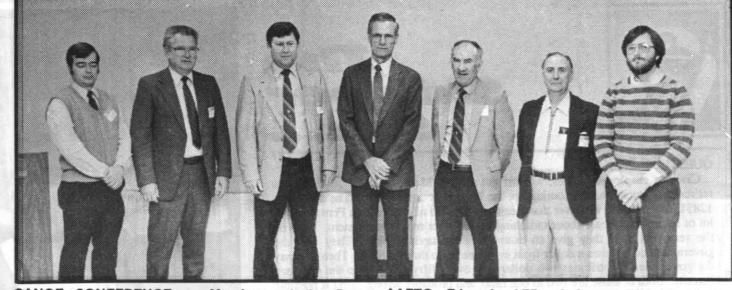
A motorist stopped for erratic driving was cited for driving while under the influence of alcohol by CLPD.

Two tires were damaged and there was possible damage to the underside of a government vehicle after the driver drove it over a barricade.

The brakes failed on a government vehicle, resulting in a collision with a traffic sign when the driver attempted a right turn.

Two cars, stopped for traffic, were damaged when a third vehicle slammed into the line of traffic.

A dispute over water in the housing area was resolved after a CLPD officer arrived and one party agreed to redirect water away from a neighbor's yard.



Reduction and Computer Group, under the Range Commander's Council, held a four-day meeting at the Heritage Inn recently. Dick Boyd (center), head of the Naval Weapons Center's Range Department, welcomed the group to the area. Pictured before the start concentrates on issues involving data reduction and the CNO, Guided Missile Section before of the meeting were: William Hummel, NATC, vice computers. The exchange ideas, processes and set chairman; Joe Kirklin, RCA, reporter, Dr. Henry Buch, standards where the ranges interact.

RANGE CONFERENCE - Members of the Data AAFTC, Edwards AFB, chairman; Dick Boyd, Joe Dorgan, NWC Code 6252; John Reisign, Hunter-Liggett, executive board; and Jerry Taylor, NWC Code 62521. This is one of several special interest groups under the Range Commander's Council. This group

Radar system under development expected to be a sophisticated batlefield observer

One theory as old as war itself is that the Artillery officers on the front lines, for valuable intelligence tool," said Colligan. has limitations. None can provide combat information.

Warning and Control System -- AWACS -- out of harm's way." does for air warfare.

efficient and effective."

troop concentrations, missiles or artillery will man the airborne consoles.

side able to understand what the enemy is example, will know where enemy artillery. The E-8A will also receive air-battle data doing wins. To that end, nations have used is and where it might be in an hour. Corps from AWACS aircraft. spies and observers to find out "what the commanders will be able to plan and A prototype of the Army ground stations

won't be able to see any direct benefits of Mass., is developing a new surveillance and and Army program manager for the system. target acquisition system that will let area However, he said, the foot soldier will commanders and foot soldiers see what the benefit indirectly. Commanders on the enemy is doing in the rear echelons and on scene, said Smith, "will have a better The Joint Surveillance Target Attack the right time." Joint STARS information Radar System, or Joint STARS, is an will allow commanders to determine enemy Army/Air Force project that is expected to movements and reinforce positions if do for land warfare what the E-3A Airborne needed, as Smith said, to "keep the troops engagements and details of enemy

The system, when fully developed, will "Joint STARS will bring an entirely new be deployed on modified Boeing 707 dimension to battlefield management," said aircraft. Each Joint STARS aircraft, which Air Force Col. John J. Colligan, program the Air Force has redesignated the E-8A, director for the system. "It is a force will carry a radar that feeds operator multiplier that will make the use of consoles capable of processing and conventional weapons more accurate, distributing millions of information in microseconds. The consoles are located

batteries from the front lines to dozens of The consoles will store the last 60 miles into enemy territory. That minutes worth of information, which can information, when relayed to ground be continually updated. "This is important modified to test Joint STARS technology. commanders, will be extremely useful in because it will allow comparisons of The first E-8As are expected to be delivered enemy activity over time, providing a to the Air Force for joint testing by late

enemy is doing." Balloons were used in engage the enemy at the most opportune that will receive the targeting and the Civil War, and today the U.S. military time with the required number of forces. intelligence information provided by Joint has a number of sophisticated systems to Air support can be "reserved" for anticipated STARS is already operating. The modules survey the battlefield. But that equipment battlefields based on current battlefield are deployed on 5-ton trucks. Future

modules may be small enough to be decision makers with the "big picture" in The battlefield foot soldier probably transported on the 8,600-pound Army High Mobility Multi-purpose Wheel Vehicle, or The Air Force Electronic Systems Joint STARS, according to Army Col. G. HUMVEE. Modules house high-speed Division at Hanscom Air Force Base, Sidney Smith Jr., deputy program director computers, communications systems and two consoles. A 100-foot antenna is used to send and receive information. "Each display, whether in the E-8A or in

a ground station, not only will provide ability to send him to do the right thing at locations of ground targets such as tanks, trucks and mobile missiles, but will also provide information on the terrain and road information, key areas for possible formations," said Colligan.

The E-8As will operate closer to the front lines than AWACS aircraft, but how the battle is being fought will determine their exact operating location.

The E-8As will not be armed. "There are lots of high-value assets on the battlefield," said Colligan. "Joint STARS is only one of them. Survivability, not immortality, The heart of Joint STARS is an both on board the E-8A and in scattered is the goal. If the enemy is willing to innovative, all-weather, side-looking radar ground stations. Army and Air Force expend the resources necessary to defeat it, that can spot tanks, trucks, helicopters, intelligence and weapons control specialists he will." Smith said U.S. and allied defenses will make the cost of downing the Joint STARS aircraft prohibitive

> Two Boeing 707 aircraft are being 1988. Full deployment is planned to start

CPA review class offered

California State College, Bakersfield (CSB) will offer the Chaykin CPA review course on color videotape for CPA candidates taking the November 1987 CPA exam. Evening classes begin the week of August 17 on the CSB campus in Bakersfield.

For a copy of the brochure describing the CPA review program, please call Cyndi at NWC ext. 2648.



EAWS WINGS — Nine months of tenacious work paid off for 11 China Lake sailors when they received their Enlisted Aviation Warfare Specialist wings. Those completing the course included: ATC Fred Sawyer, ADCS Homer Basque, AMSC Raymond Wetzel, ADC

Randal Tye, AD1 David Stiger, AS1 Gary Smith, AMS1 Alexander Cesare, HM2 Robert McClure, ASM2 Kird want to work toward their wings. Classes Triplett, AME2 Jonathan Lea, AMS2 John Pruitt and are held Tuesdays and Thursdays from 3 to AD3 John Swierczewski.

EAWS wings to to eleven China Lakers

Nine months of intensive effort by 11 sailors at the Naval Weapons Center brought them recognition in the form of the Enlisted Aviation Warware Specialist (EAWS) wings on April 1.

Capt. K.E. Allen, NWC Commanding Officer of Enlisted Personnel, made the presentation to the hard-working sailors who completed the rigorous course. He commended those receiving their wings for reaching this goal and for recognizing the career value in this accomplishment.

AVCM John E. Bozony, EAWS Program Coordinator, said a new round of classes have started for enlisted personnel who 4:30 p.m. For additional information, call Master Chief Bozony at NWC ext. 5619.

VX-5's LCdr. Cerne nominated for Navy accolade

LCdr. Victor L. Cerne of Air Test and EA-6B Prowler aircraft. Evaluation Squadron Five (VX-5) was nominated by the Commander, Pacific Fleet, for the Naval Aviation Fleet Support and Special Mission Award.

An operational test director for VX-5's Electronic Warfare Branch, LCdr. Cerne directed a recent evaluation of the HARM weapon system integration of the EA-6B Prowler. The integration evoluation took 18 months to complete.

When the ground and flight tests were completed, LCdr. Cerne became the first Naval aviator to fire ordnance from the

The VX-5 officer headed the operational effort involving concurrent Navy technical, development and operational testing. Dur-

ing this period LCdr. Cerne was credited with exceptional managerial skills, leadership and technical expertise on the EA-6B



Military News

LI2 Moes wins state rifle championship

Air Test and Evaluation Squadron Five's marksmanship class. This accomplishment tion and fourth in the 600-yard slow fire, (VX-5) LI2 Timothy Moes captured two gold medals and a silver medal shooting in the California State Service Rifle Champi- petition. onships for the Naval Weapons Center Rifle Team early this month.

the rapid fire aggregate title and a 684-6x to win the grand aggregate award in the in the 300-yard rapid fire, prone competi-

will probably move him into the sharp- prone event standings. shooter or expert classes for future com-

In addition, LI2 Moes took second place Petty Officer Moes shot a 336-2x to cop in the 200-yard slow fire, off-hand and 200yard rapid fire sitting events. He was third

FCCS Nelson H. Foucher, NWC team captain, joined Petty Officer Moes and more than 110 other shooters for the match held at Coalinga. Senior Chief Foucher noted the 24 Navy shooters comprised the largest single group taking part in the

Delta Dental Plan coverage scheduled

California will provide civilian dental care for active-duty military families.

Available under the one year CHAMPUS contract will be preventive and diagnostic services, which will be provided for a small monthly deduction from the service

Beginning August 1, Delta Dental Plan of member's basic pay - \$3.93 for one dependent or \$7.86 for two or more dependents.

> Also offered on a cost-sharing basis are some restorative services. For these services, the member will be required to pay 20 percent and the plan will pay 80 percent.

> > Enrollment in the plan is automatic for

active-duty family members in the U.S. and other areas covered by the program. Those who do not wish to participate in the program must submit a disenrollment form.

For further information about the benefits of the program or disenrollment forms, contact your local Health Benefits

Reservists' commissary privileges

Good news for reservists and National Guardsmen: The newly passed Defense Authorization Act entitles you to as many as 14 days of military commissary use each Limited commissary use for members of

the Reserve components is nothing new. For years, they've been entitled to shop in commissaries, but only during their two week annual training periods ... and that time could not be accrued. But the new measure gives reservists and

guardsmen an opportunity to accrue up to 14 days of commissary privileges and to use them at their convenience for up to one

The Department of Defense is establishing guidelines and began implementing the new ruling this year.

DoD officials aren't sure how much increase in commissary usage the new ruling

During a one-year test in 1984, members of the Reserve components in New England, Los Angeles and San Antonio, Texas accrued commissary privileges based on military duty.

While most reservists were glad to receive the privileges, many did not use them - probably because they didn't live close enough to a commissary to use it conveniently. However, in areas where a large number of reservists live near military installations, more than one-fourth of the eligible reservists took advantage of the commissary benefit.

Those who used the commissaries were found to outspend their active duty counterparts considerably, probably to get the largest benefit from limited visits. The average Reserve member spent \$140 per commissary trip; the average active duty member spent \$40.

Thomas P. O'Neill, Jr., Deputy Secretary of Defense William H. Taft IV said the test demonstrated a relatively low impact on the commissary system. However, he pointed out, the impact could be higher insome areas, particularly as reservists and guardsmen become more aware of the commissary benefit.

The change has no effect on commissary access by reservists who serve 30 or more days of additional duty during which they are issued a green identification card. Reservists and guardsmen will continue to be eligible for commissary privileges during that time. However, those privileges will not accrue and will terminate at the

In addition he authored a comprehensive operator's manual to support system deployments. The manual later proved invaluable in providing two carrier air wings with essential and critical capability prior to deployment. At VX-5, LCdr. Cerne has made signifi-

cant contributions in a complex weapon system integration effort designed to provide the fleet with HARM capabilities. Among his important contributions was the identification and characterization of major safety discrepencies in the operational and navigational flight programs.



LCdr. Cerne

NEX news

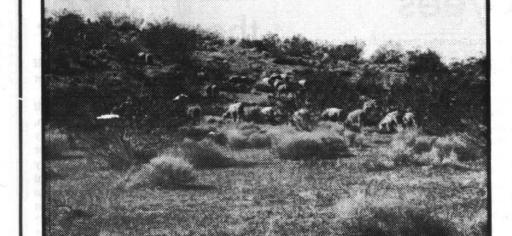
Look for the super buys at the Navy Exchange's Buyer Special, which ends this

Special April prices are still in effect for an oil and lube job or to have the car's air conditioning recharged at the Navy Exchange's garage.

Also, don't forget Easter is this Sunday and the Mini Mart has Easter baskets. stuffed Easter bunnies and Easter candy for children and adults alike.

April 26 is the date for the Big Super Sunday Sale. In addition, be sure to keep an eye out for the upcoming Fish-O-Rama Sale and the end of April Truck Load Sale.

> **NWC HOTLINE** ntegrity, 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)



SIGNS OF SPRING - Flocks of sheep are once more moving through the Indian Wells and adjoining valleys on their way to the high mountain meadows where they graze each summer. The woolly flocks are tended by their shepherds and dogs in a ritual that began more than 125 years ago in this part of the west. Before the snow falls, the sheep are trucked back to market or winter quarters near Bakersfield and Mo-Photo by Mickey Strang

Instructors needed for . . .

California State Northridge (CSUN)

CSUN is looking for instructors to teach courses offered through the CSUN external degree program on-Center. The courses expected to be offered during the 1987-1988 academic year are listed below. Individuals interested in teaching one or more of these courses, and have at least a master's degree, are asked to forward their resumes to Cecil Webb, Code 094, by May 8.

For more information, or to answer any questions regarding these positions,

please call Cecil or Dr. Steve Lee, NWC ext. 2468.

IE 304 Engineering Economy EE 360A Linear Systems I

EE 365 Electronics I

EE 462 Introduction to Solid State Devices

EE 465B Pulse and Digital Circuits

EE 557B Signal Detection and Estimation Theory

EE 550 Digital Systems Structure

EE 569B Optimal Control

EE 568A Digital Signal Processing

ME 486 Senior Design in Mechanical Engineering

ME 501A Seminar in Engineering Analysis

ME 575A Conductive and Radiative Heat Transfer

ME 590A Advanced Topics in Fluid Dynamics - Inviscid Flow

AM 510 Advanced Mechanical Vibrations

AM 542 Finite Elements in Structural Mechanics

California State College, Bakersfield (CSB)

CSB is looking for instructors to teach courses offered through the CSB external degree programs on-Center. Individuals who would like to be considered to fill possible instructor needs in one of the following academic course areas, and have a least a master's degree in a relevant field of study, should forward their resumes to Cecil Webb, Code 094 by May 8. Questions regarding this matter should be directed to Cecil, NWC ext. 2648.

Personnel

Management Information Systems

Public Administration

Administration

Humanities Social Sciences

Cerro Coso Community College (CCCC)

CCCC is looking for instructors to teach the following courses for the fall semester. Individuals interested in being considered to fill the instructor needs indicated below should contact Dr. Paul Riley at CCCC, 375-5001.

Engineering 22 **Engineering Graphics**

Math 6C

Calculus III

Welcome Aboard set for new Jr. Professionals

All Center personnel are invited to Lamb, Sandra Langsjoen and Huong Le are attend a Welcome Aboard for new Junior Professionals on Tuesday, April 28, at the Commissioned Officer's Mess beginning at 5:30 p.m.

Donations of \$4 per person are requested from attendees other than the honored guests and their spouses. Reservations are not required.

Junior Professionals coming on board are Robert Andrews, John Auborn, Gary Ayers, Douglas Blanchard, T. Que Bui, Chung S. Chon, Aaron Clement, David Dent, Kenneth Dorrell, James Duzan and Joe Etoch. Russell Fiedler, Steven Ford, David Jackson, Tom Jones, Douglas King, Joella Kivett, Douglas Lamb, Thomas Office at NWC ext. 3371.

also being welcomed aboard.

Additional Junior Professionals being welcomed on the 28th are John McArthur. Scott McCubbin, Paul Martin, Walter Maurer, Keith Middleton, Terrence Murphy, Philip Neibuhr, Merlin Philips, John Pohl, Steven Pool and Sharon Porteous. Kurt Reese, Chris Ricketts, Steven Rollins, Paul Rushing, Gwen Stahl, Robert Troublefield, Thomas Watson, Christine Wire, Brian Zentner and Roberta Zimmerman will also be welcomed aboard that night.

For additional information, please contact the Professional Recruitment

Chico rep to be on board May 8 to advise students

Dr. Orlando Madrigal of Cal-State degree programs in computer science University Chico will be on-Center May 8 to advise current and prospective students degrees. in the external degree programs offered by

which lead to bachelor's and master's

Those who wish to see Dr. Madrigal are asked to make an appointment by Cal-State University Chico has external telephoning Cyndi Jones, NWC ext. 2648.

Dr. Rivers, CSUN advisor, to be at NWC on May 4

Dr. Bill Rivers of Cal-State University programs in electrical engineering, applied Northridge will be at NWC on Monday, students in the external degree programs offered by the school.

Dr. Rivers is particularly interested in counseling students in mechanical

Cal-State Northridge has external degree

mechanics, and mechanical engineering May 4, to advise current and prospective available at NWC that lead to a master's degree; and an external degree program in electrical engineering that leads to a bachelor's degree.

To make an appointment to see Dr. Rivers call Cyndi Jones at NWC ext. enforcement; will serve as a armorer for Promotion potential to GS-4. NWC small arms and special weapons;

potential is to GS-6.

tant, GS-1106-6/7, Code 2523 Criteria: Ability to supervise; ability to (multiple vacancies) - The incumbent deal effectively with others; ability to work procurement assistant assists contract under pressure; knowledge of small specialists in the administration of complex purchase procedures; knowledge of EEO and contracts including monitoring contractor interest in and support of the program. performance, negotiating and writing Promotion potential to GS-9. Supervisory modifications to contracts. Incumbent probationary period required unless procurement assistant reviews contract files previously completed. for proper format, documentation, and input into automated information processing No. 25-014, Lead Purchasing systems. Incumbent procurement assistant Agent, GS-1105-7/8, Code 2522 maintains extensive statusing of action Located in Small Purchase Branch. items for the branch. The procurement Responsible for providing training and assistant uses a wide variety of guidelines guidance to purchasing agents in the including DOD and Navy instruction, section and insuring that proper policies contract division operating procedures on and procedures are utilized. Assists federal acquisition regulations, and clause management in planning assignments, books. Job Relevant Criteria: improving work flow and services rendered, Ability to communicate with individuals at promoting job satisfaction and increasing all levels within the government and productivity. Functions as a industry; ability to operate various types contracting/ordering officer appointed in

No. 25-012, Clerk-Typist, GS- Job Relevant Criteria: Knowledge of 322-2/3/4, Code 25228 - Incumbent DOD small purchase policies and is responsible for providing clerical support procedures; knowledge of negotiation in the form of typing, filing, compiling techniques; knowledge of methods and data, maintaining logs and performing requirements for price analysis; ability to follow-up action on a wide variety of deal effectively with personnel of all levels;

eligibles may apply.

No. 24-015, Police Officer, items. Position requires frequent personal GS-083-6, Code 2412 - This position and telephone contacts with individuals at is that of Property Control Officer in the all levels of the Navy. Job Relevant Police Division of the Safety and Security Criteria: Ability to use tact and Department. The incumbent will perform diplomacy in dealing with both on- and of both crime and traffic control and clerical procedures and correspondence.

Promotional opportunities

Applications for positions listed in this column will be accepted from appointable Department of Navy employees within the area of consideration and from eligible employees of attached activities who are permanently assigned to NWC unless otherwise specified in the ad. Appointable means career or career conditional

employees, temporary employees with reinstatement or VRA eligibility and employees serving under Veterans Readjustment Appointments (VRAs). 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 qualitations, supplemental qualification statements and/or intensions.

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 then addresses the specific Knowledges/Skill/Abilities (KSAs) cited in the ad. Write the position title/series/level and announcement number on 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

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.

Relevant Criteria: Knowledge of force of approximately 12 purchasing police investigation and regulations; agents. Responsible for assigning work for knowledge of conventional small arms and each team leader, providing guidance for special weapons; skill as an instructor in distribution of work, managing work flow both the classroom and field environment; of the section, and adjusting work skill in supply duties such as cataloguing, assignments to handle changing priorities. filing, shipping and receiving and Performs full range of supervisory duties conducting inventories. Promotion including leave authorization and management, planning and authorizing training, disciplinary actions, promotions, No. 25-011, Procurement Assis- and reassignments. Job Relevant

of office equipment and computer accordance with procedures in NAVSUP terminals. Promotional potential to GS-7, 56.0. Expected to be forward thinking and however, it is not guaranteed. Status service oriented in exercising all responsibilities and facilitate close liaison with the codes supported by the section.

is not guaranteed.

Personnel

News & Notes

No. 26-019, Wood Crafter. WG-4605-10, Code 26418 - This position is located in the Electric Support Branch. Incumbent constructs, installs, and repairs cabinet work, furniture, displays, models, and similar items. May construct and install doors, door jams, locks, sash, screen doors, picture frames, sinks and counter tops, and may perform minor framing and construction. Lays out work, cuts, saws, joins, nails, glues and assembles lumber and allied material in repair of broken objects and in construction of new equipment. Job Relevant Criteria: Knowledge of technical practices; knowledge of materials common to the trade; ability to interpret instructions, specifications and blue prints; ability to plan and lay out work; ability to select proper tools and equipment; ability to work with out more than normal Job Relevant Criteria: Ability to supervision. Supplement required.

No. 31-033, Electronics Tech- communicate both orally and in writing; nician, DT-856-2, Code 3145 - This ability to provide budgeting, scheduling and position is located in the Airborne allocation of branch resources; and Instrumentation Branch, Aircraft Weapons willingness to support NWC EEO policies. Integration Department, which is Promotion potential to DP-4, but not responsible for providing flight test guaranteed, if selection is made at the DP-3 duties as a uniformed patrolman in the areas off-center personnel; knowledge of basic engineering and airborne instrumentation level, supervisory probationary period support for the A-6, A-7, AV-8B, and applies, if not already completed. Previous F/A-18 tactical aircraft. Incumbent for this applicants need not reapply. position will assist and/or provide direct conduct classroom and range instruction in No. 25-013, Supervisory support to engineering in the design, No. 34-004, Clerk-Typist, the area of conventional small arms and Purchasing Agent, GS-1105-8/9, fabrication, modification and post GS-322-3/4, Code 3431 - Incumbent special weapons; and will serve as range Code 2522 - Incumbent acts as a installation maintenance/repair of tactical performs clerical duties and a variety of master for pistol and rifle range for both contracting officer and ordering officer with aircraft instrumentation systems. Job general circulation services in the police and military personnel. Job a warrant of \$25,000 and supervises a work Relevant Criteria: Ability to Information Services Branch, Library

ability to utilize computer terminal and maintain, calibrate, and troubleshoot management information systems. electronic equipment; ability to develop and Promotional potential to GS-8, however, it interpret schematics and engineering drawings; knowledge of digital and analog circuits design; knowledge of tactical aircraft electronic systems; knowledge of flight support operations. Promotion potential to DT-3; however, promotion is not guaranteed.

> No. 32-245, Supervisory Interdisciplinary (Mechanical / Aerospace / General Engineer / Physicist), DP-830, 861, 801, 1310-3/4, Code 3273 - Incumbent serves as Head, Systems Technology Branch. Responsible for management, supervision, and administration of branch involved in exploratory, advanced and engineering development programs. Technical areas include propulsion and thrust vector control systems, vertical launching system and insensitive munitions. Major system support includes Vertical Launch ASROC, Standard Missile Aegis ER and Tomahawk. manage complex development programs; ability to supervise; ability to

CSUN schedules classes for Engineering program

The following classes are being offered this summer for the Cal-State Northridge Engineering Program (bachelor's and master's degrees). For enrolling in these classes submit an on-Center Training Request (NAVWPNCEN 12410/73) via department channels to Code 094. Registration will be held in class at the first class meeting. Deadline for enrolling is 10 calendar days before the starting date of the class. Although training requests will be accepted after the deadline, that date will be used to determine art of experimental knowledge in major areas of application. whether the class will be held.

EE 355: THEORY OF DIGITAL SYSTEMS (4 units)

June 2-July 29; Lecture on Tuesdays, 1900-2100, and Wednesdays, 0800-1100; Laboratory on Tuesdays 1200-1700; Training Center for lecture and Cerro Coso Community College for laboratory. (Training Center for first laboratory session.) By Professor Nagi-El Naga, CSUN.

Prerequisite: Calculus II or equivalent.

Scope: Introduction to digital systems. Topics treated include: number systems, binary codes, Boolean Algebra, combinational logic design, logic minimization techniques, sequential circuits design, arithmetic operations, data transfers using register transfer notation, memory devices, digital system organization and subsystems design.

Text: Digital Logic and Computer Design. Mano, Prentice-Hall, latest edition. Note: This is a core course for the BSEE degree program.

EE 466: INTRODUCTION TO COMMUNICATION SYSTEMS (3 units)

June 18-August 21; Thursdays, 1500-1800, and Fridays 1030-1230; Training Center. By Professor Ray Petit, CSUN.

Prerequisite: EE 360A: Linear Systems I or equivalent.

Scope: Introduction to information transmission; transmission through electric networks; analogue and digital communication systems; amplitude, frequency, PAM, PCM, and PPM modulation techniques; physical sources of noise, and evaluations of different systems in the presence of noise.

Text: Analog and Digital Communications Systems. Martin Roden. Prentice-Hall, latest edition.

Note: This course is a senior elective for the BSEE degree program. ME 375/90: HEAT TRANSFER/FLUID MECHANICS (3 units) June 3- July 30; Wednesday, 1530-1830 and Thursdays, 1000-1200;

Training Center. By Professor Tim Fox, CSUN. Prerequisite: ME 370: Thermodynamics or equivalent.

Scope: Basic principles of heat transfer and their application; introduction to conductive, convective, and radiative heat transfer; the fundamental equations of fluid mechanics are derived and applied to engineering problems, with emphasis on understanding the physical principles involved; the basic developments are applied to compressible as well as incompressible fluids. Selective exploration of the state of the

Text: Introduction to Thermal Sciences: Thermodynamics, Fluid Dynamics, and Heat Transfer, Frank Schmidt, Robert Henderson, Carl Walgemuth. John Wiley, 1984. Note: This is a core course for the BSEE degree program.

AM 410: MECHANICAL VIBRATIONS (3 units)

June 1- July 28; Mondays, 1500-1800, and Tuesdays, 1030-1230; Training Center. By Professor Stephen Gadamski, CSUN.

Prerequisite: AM 316: Engineering Dynamics or equivalent.

Scope: Study of linear and torsional vibratory motion. Systems of one, two, and multiple degrees of freedom under transient and steady-state excitation. Introduction to nonlinear vibration, isolation, absorption, damping, and transmission problems arising in machinery.

Text: Theory of Vibration. Thompson. Prentice-Hall, latest edition.

Note: This course is a prerequisite to AM 510: Advanced Mechanical Vibrations, which is scheduled to be offered during the 1987-1988 academic year. MATH 477: LINEAR ALGEBRA (5 quarter units)

June 18-August 14; Thursdays, 1600-1900 and Fridays, 1030-1230; Training Center. By Professor Mohamed El-Ansary, CSB. Prerequisite: Calculus III or equivalent.

Scope: Linear equations, matrices, vector spaces, dimensions, determinants, linear transformations, eigenvalues, and eigenvectors.

GENERAL COMMENTS

1. Textbooks are available at bookstores locally.

2. Job-related courses other than those listed above or those offered under contract with Cal-State Chico or Cal-State Bakersfield, must be approved on an off-Center Training Request (DD Form 1556) before registration if NWC is expected to pay for the training.

For more information about any of these programs or classes, contact Steve Lee or Cecil Webb at NWC ext. 2648.

Recent arrivals and departures

Hecen	Civil Service	•
	Arrivals	
Name	Code	Title
Idlett, Merle A.	08633	Clerk-Typist
Rockdale, Christina A.	096	Personnel Mgt. Specialist
Benson, Robert A.	2431	Physical Security Specialist
Maguire, Cecilia V.	2512	Procurement Assistant
Young, Robert	26402	Clerk-Typist
Bass, Tom A.	26416	Laborer
Winchester, Edward E.	31403	Computer Specialist
Hams, Michelle I.	3143	Clerk-Typist
Marvin, Richard R.	3144	Electronics Engineer
Spencer, Loren M.	3144	Operations Research Analyst
Folden, Leslie A.	3436	Clerk
Monroe, Judith J.	3436	Clerk
Poole, John H.	36242	Metallurgist
Manion, John K.	3662	Mechanical Engineer
Kim, James T.	3687	Industrial Engineer
Ogloza, Albert A.	3816	Physicist
Higa, Kelvin T.	3854	Research Chemist
Do, Robert	3924	Electronics Engineer
The second secon	Departures	
Dillon, Charles E.	1232	Student Trainee
Warden, Michael J.	2413	Police Officer
Thurman, Barbara J.	253	General Supply Officer
Moore, David C.	2694	Clerk-Typist
Childress, James J.	3383	Aerospace Engineer
Kollmeyer, David S.	3436	Clerk-Typist
	Non-appropriated	funds
	Arrivals	
Name	Code	Title
Timmons, Robyn R.	2227	Recreation Aid (Lifeguard)
Richardson, Rebecca L.	2222	Child Caregiver
Martin Ronnie I	2226	Laborer

Martin, Ronnie L. Laborer 2213 Fine, Sherry L. Waiter Pryor, Patrice J. 2222 Child Caregiver Departures Erwin, Denise L. Child Caregiver Palmer, Richetta L. 2213 Waiter (Trainee) 2212 Price, Janene L. Waiter (Trainee)

Division. charging/discharging books, periodicals, technical reports; filing circulation cards; infrared spectrometers; ability to use shelving books and periodicals; typing and computer-controlled spectrometers and sending overdue notices; reading library Fourier transform methods of data shelves; and answering the telephone at the processing and analysis. Promotion circulation desk. Job Relevant potential to DP-3. Criteria: Ability to work tactfully and diplomatically with library patrons; ability No. 39-016, Electronics NWC ext. 7289. to deal effectively with Center scientists, Technician, DT-856-1/2, Code engineers and support professionals in 3924 - This position is located in the performing circulation services. Promotion Electronics System Branch of the Weapons potential to GS-4.

No. 38-004, Research Chemist, Emphasis will be on configuring electronic DP-1320-1, Code 3851 - Incumbent circuits and hardware concordantly. Job will perform instrumental chemical Relevant Criteria: Working analysis, primarily involving nuclear knowledge of analog and digital circuits magnetic resonance and infrared from system to component level; ability to spectrometry. Job Relevant Criteria: use light machine shop machinery; ability Knowledge of instrumental methods of to read detailed electronic schematics and chemical analysis, specifically, nuclear mechanical drawings with geometric magnetic resonance and infrared organic and dimensioning tolerancing; ability to inorganic samples; knowledge of analytical, compose and prepare detailed documentation organic, inorganic, and physical chemistry; packages. Incumbent will be expected to ability to perform analysis of energetic work as a team member and as a team materials, propellants, polymers, and other leader in some instances. Experience in chemicals using nuclear magnetic resonance these areas is desirable. Promotion and infrared spectrometry; ability to use potential DT-3.

Duties include IBM NR80 nuclear magnetic resonance spectrometer, Nicolet 60SX and 170SX

> Development Division. The incumbent will support engineers in the layout design, fabrication, and testing of flight hardware.

Reassignment opportunities

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

No. 14-002, Interdisciplinary Elec- incumbent will design and implement OFP DP-855/1550/1310/340-3, Code 14 ext. 5206.

- This position is responsible for Information Systems (C&IS) management (General/Electronics / Mechanical / and review process. This responsibility Aerospace Engineer / Physicist / requires that the incumbent meet on a Mathematician / Computer Scienregular basis with the heads of the various tist/Operations Research Analyst), departments to review their plans for DP-801, 855, 830, 861, 1310, acquisition of computing and information 1520, 1550, 1515 - 1/2/3, Code resources. The position also chairs the 31942 (two vacancies) - These Center's Technical Advisory Committee positions are located in the F/A-18 Project responsible for scheduling and holding Aircraft Weapons Integration Department. software design and test facilities. This Software Development Team. The team position requires an individual who is will be responsible for AN/AYK-14 OFP dealing with department level Center incumbent will design, document, (Electronics Engineer / Computer to George Adair, Code 6251A, NWC ext. personnel, and personnel in the implement, and operate AN/AYK-14 Scientist/Physicist/Mathematician) 5879. headquarters environment over highly support software tools such as assemblers, sensitive computing and information systems issues. The incumbent will serve MTASS package. To apply for this as a senior member of the Code 14 Department Staff. To apply for this Johnson, Code 3194, NWC ext. 5206. position, send an updated copy of the SF-171 to Dennis Rowell, Code 1402, NWC ext. 3481.

development for F/A-18 aircraft. The take advantage of new concepts of

tronics Engineer / Computer Sci- enhancements. To apply send an updated Ordnance Systems Department. The entist/Physicist/Program Manager, SF-171 to R. Johnson, Code 3194, NWC incumbent will perform planning, management of the Center's Computer No. 31-036, Interdisciplinary effort on the improved airfoil propulsion (TAC). Additionally the incumbent will be Branch, System Engineering Division, desirable. Experience or training in multi-computer system which supports mini-design review committee meetings for The incumbent will be a member of the technical programs is also desirable. To Range. The incumbent will assist with high value C&IS projects and for certain F/A-18 WSSA Mission Computer apply, send current SF-171 to Moyle configuration management and comfortable in high visibility situations, development for F/A-18 aircraft. The No. 35-003, Interdisciplinary requirements. Please send current SF-171

No. 32-249, Electronics Engineer, DP-855-3, Code 3207 - This position is located in the Laser Guided Training No. 31-035, Interdisciplinary Round (LGTR) Program Office, Ordnance (General/Electronics / Mechanical / Systems Department. The program office Aerospace Engineer / Physicist / was designated as the developing agency Mathematician / Computer Scien- and is responsible for the full scale tist/Operations Research Analyst), engineering development of the Laser DP-801, 855, 830, 861, 1310, Guided Training Round. The incumbent 1520, 1550, 1515 - 1/2/3, Code will be responsible for the electronic and 31942 (multiple vacancies) - These mechanical integration of the Laser positions are located in the F/A-18 Project Guidance and Control Unit (GCU), Branch, Systems Engineering Division, including monitoring of fiscal and schedule Aircraft Weapons Integration Department. performance, coordination of effort among The incumbent will be a member of the various program participants at NWC and F/A-18 WSSA Mission Computer contractors. The effort involves hands on Software Development Team. The team hardware work as well as technical will be responsible for AN/AYK-14 OFP manager, integration tests and design to

compliers, emulators, and the AN/AYK-14

position send an updated SF-171 to R.

Training Round (LGTR) Program Office, NWC ext. 2513. Ordnance Systems Department. The program office was designated as the No. 39-010, Interdisciplinary, developing agency and is responsible for Mathematician / Computer Scithe full scale engineering development of entist/Physicist / Electronics Enthe LGTR. The incumbent will be gineer, DP-1520/1550/1310/855responsible for the engineering coordination of the LGTR program, interfacing with the software engineer for modification and engineering specialty support by NAVWPNCEN, Code 36 divisions. The general area of coordination is concerned with the application of electromechanical design principles and analysis to meet specified functional performance requirements of electromechanical systems and packaging. Examples of specialized OFP in the Tomahawk Simulation knowledge requirements include military Facility. The facility utilizes a VAX electromechanical manufacturing 11/785 computer and FPS parallel techniques, etc. Incumbent is also responsible for monitoring fiscal and of a small group of engineers and schedule performance coordination of effort specialists in the modification and IV&V of among various program participants at assembly language OFP. Knowledge of NWC and contractors. To apply, send current SF-171 to John O'Malley, NWC

DP-830-3, Code 3203 - This position is project engineer for the Skipper Product Improvement Program and is located in submit current SF-171 to John Freeman, Code 3203, Skipper Program Office, Code 392, NWC ext. 2922. scheduling, and coordination tasks and No. 62-018, Interdisciplinary directing and monitoring of the technical group for Skipper. The incumbent will work closely with other center codes in the RIPS Program Office, Computer Systems development of work tasks and monitoring Branch, Data Systems Division, Range progress and brief center management and Department. The RIPS Program Office is sponsors on a regular basis on program responsible for hardware and software progress. Skills/experience in systems changes/enhancements to the Range analysis and engineering including Control Center Integrated Processing aerodynamics and structural analysis are System (RIPS), a large scale real-time coordinating and the management of weapons testing on NWC's Northern Braithwaite, NWC ext. 7565.

electromechanical principles to meet DP-855/1550/1310/1520-2/3, Code specified functional performance and 3516 - Incumbent will be involved in packaging. Special knowledge require- studies and analysis of naval aviation ments include military electromechanical electronic warfare equipment and techenvironmental constraints, servomechanical niques. Experience with assembly langand electromechanical manufacturing uage, a high order language, VAX/VMS, techniques. To apply, submit current structured analysis and design techniques, SF-171 to John O'Malley, Code 3207, and software engineering principles is desired. The incumbent must be able to communicate orally and in writing, work No. 32-250, Interdisciplinary independently, be able to document his/her (General/Mechanical / Aerospace / studies/analyses. Promotion potential to Electronic Engineer), DP-801/830/ DP-3 is not guaranteed. To apply for this 861/850-2, Code 3207 - This position, send an updated copy of the position is located in the Laser Guided SF-171 to John J. Clark, Code 3516,

2/3, Code 3923 - This position is the testing of the Operational Flight Software Program (OFP) for the Tomahawk missile. This position is located in the Tomahawk Software Support Activity, Weapons Development Division, Weapons Department. The task is to conduct analysis, modifications, and dynamic testing of the processor. Position requires the direction FORTRAN, assembly language, software testing concepts and techniques, and use of software simulations in testing; ability to interface and communicate effectively with No. 32-251, Mechanical Engineer, personnel at comparable levels in government and private industry required. Promotion potential to DP-3. Please

> Computer Scientist / Electronic Engineer, DP-1550-2/3, Code 6251A - This position is located in the hardware/software design and analysis to provide system enhancements to meet new



June 2 - 5

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 at lower graces consist printarily of clerification 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 four 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) ability to compose correspondence and/or prepare non-technical reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

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

No. 31-034, Secretary (Typing), Weapons Division. Knowledge and position is located in the Aircraft Weapons Promotional potential to GS-6. Integration Department. Incumbent provides administrative and clerical support No. 32-248, Secretary (Typing), necessary; knowledge of Promotional potential to GS-5. NAVAIRSYSCOM and tactical embedded computer resources organization desired. Promotion potential to GS-6.

GS-318-5/6, Code 326 - Provides the IBM Word Processor is desirable. secretarial support to the Conventional Promotion potential to GS-6.

GS-318-5/6, Code 3103 - This working skill on Xerox 640 desirable.

for the A-4M/AV-8B Project Office. PC GS-318-4/5, Code 3207 - Provides skills are necessary; operation of Cygnet secretarial support to the Laser Guided Communication System desired but not Training Round Program Office.

No. 39-019, Secretary (Typing), GS-318-5/6, Code 39- This position is located in the Special Projects Office of entire grade structure. Employees holding No. 32-247, Secretary (Typing), the Weapons Department. Ability to use a performance rating of "unsatisfactory" or

Regulation changes announced

Personnel Management published revisions to the Federal Personnel Manual, Chapter 351, Reduction-In-Force (RIF) regulations. In order to comply with these regulatory changes, the Center has revised its local instruction on RIF. The Center has no plans to hold a RIF; this information is provided solely as an update to employees on changes to a personnel program area. It is Center policy to use RIF procedures only after it has been determined that any required reductions cannot reasonably be accomplished through attrition and alternative avenues.

The major impact of the new regulations is that they give greater recognition to performance as a retention factor during RIF. FPM Chapter 351 covers all appropriated fund employees. At the Naval Weapons Center, coverage includes all federal wage system employees, police, fire and other general schedule employees and, with slight modification, all demonstration project

The following key provisions of the revised regulations are provided as general information for all employees. Additional details and references on RIF regulations may be found in Chapter 351 of the Federal Personnel Manual located in the Personnel Department and in the Center Instruction 12351.2 dated March 17, 1987.

1. Bumping: now limited to bumping no more than three (3) grades lower than the grade held at the time of RIF; this provision was designed to limit excessive disruption caused by bumping through the who have a performance related adverse action proposed at the time of RIF have no bumping rights.

On March 4, 1986, the Office of 2. Retreat: now limited to retreating no more than three (3) grades lower than the grade held at the time of RIF with the exception of 30% disabled veterans who have a five (5) grade limitation. The new regulations also stipulate that employees with a rating of "minimally successful" at the time of the RIF may retreat only to positions held by other employees with the same or lower performance rating; additionally, employees who have a performance rating of "unsatisfactory" or a performance related adverse action proposed at the time of RIF have no retreat rights.

> 3. Performance credit - demonstration project: employees will be grouped for retention purposes based on their current performance rating. Incentive Pay Group I will be comprised of those rated "1" or "2" in the last performance rating period; Incentive Group II will be those with "3" ratings and Incentive Group III will be those rated "4" or "5."

4. Performance credit - non-demo project: additional service credit for purposes of RIF may now be gained through an arithmetic formula which adds credit for ratings of "fully successful" or above during the last three rating periods. Example: an employee with three ratings of "fully successful," "outstanding" and "fully successful" would have 15 years added to his or her service computation date for RIF purposes as a result of averaging the sum of the following credits: 12 years for the "FS" rating, 20 years for the "O" rating and 12 years for the "FS" rating.

5. Reassignment: reassignment actions taken during a RIF are no longer appealable as they were under the former regulations.

Recreation Department Non-Appropriated Funds

The following vacancies are not Civil Service positions. These positions are paid for from non-appropriated funds and are administered in accordance with policies established by the Department of Defense. Persons selected for these positions have no Civil Service status and are not eligible for appointment to positions in the Civil Service. Persons interested in applying for these positions should fill out a standard application form (SF-171). Applicants need not be presently employed in a Non-Appropriated Fund Instrumentality (NAFI) position, nor must they be employed at the Naval Weapons Center. The SF-171 should clearly be marked 'NAFI' on the top and should have the appropriated Appropriated NaFI' on the log and should have the appropriated Announcement Number listed in Block 1 on the form. Completed applications can be delivered to Room 100 or to Room 120 in the Personnel Building or can be mailed to: Naval Weapons Center, Personnel Department (Code 096), ATTN: NAFI Service Team, China Lake, CA 93555.

areas. Provides assistance to patrons and necessary first aid; maintains pool and all associated areas; performs routine cleaning; enforces rules and regulations; and No. 22-8718, Recreation Aid (Head knowledge of safety rules and regulations pertaining to public swimming.

the pool areas. Provides first aid when swimming areas.

No. 22-8716, Recreation Aid necessary; maintains pool and all (Lifeguard), PS-0189-03, \$4.58 per associated areas; performs routine cleaning hour, Temporary Full-Time not to daily; enforces rules and regulations; and exceed 9/25/87, Code 2227 - completes hourly and daily logs as required. Incumbent monitors activities and Must possess current Water Safety maintains order in and around the pool Instructors, CPR, and First Aid certificates.

completes hourly and daily logs. Must Lifeguard), PS-0189-5, \$5.19 per possess a current Advanced Lifesaving, hour, Temporary Full-Time, not to CPR and First Aid certificates. Must have exceed 9-25-87, Code 2227 -Incumbent supervises and instructs pool and be skilled in safety and rescue personnel in the performance of duties at the pool facilities. Monitors activities and maintains order in and around the pool areas; enforces rules and regulations; provides first aid as necessary; maintains pool and all associated areas; and No. 22-8717, Recreation Aid completes daily and hourly logs. Must (Lifeguard), PS-0189-4, \$4.89 per possess current Water Safety Instructor's, hour, Intermittent Scheduled, Code CPR, and First Aid certificates. Incumbent 2227 - Incumbent instructs adults and must possess a knowledge of safety rules youth in swimming lessons. Monitors and regulations and be skilled in emergency activities and maintains order in and around safety and rescue pertaining to public

Nominations/applications for NSTEP post being accepted

Nominations/Applications for Assistant Director for Science and Technology, Scientist or Engineer, DP-4 and above -- NSTEP position.

The above position was established four years ago to provide the Chief of Naval Operations with timely advice on a broad range of issues. Reporting directly to Admiral Trost, the CEP provides an independent assessment of Navy capabilities and the Navy's role in support of national policy. The panel also advises the CNO on various alternative policies and postures for fulfilling the Navy's national security role in the face of evolving political, economic, and technical circumstances. Assignment to the CEP staff provides an individual a unique perspective of the Navy and an opportunity to observe and participate in top-level Navy decision making.

Assignment is for one year beginning approximately August 1. The duties of the incumbent are as follows:

Assistant Director for Science and Technology:

-- Provides staff support to, and coordinates the efforts of CEP Task Forces.

-- Assists in selection of specific subjects for study or evaluation by the CEP. -- Analyzes intelligence assessments to identify promising Navy technology

-- Remains abreast of the latest developments and trends in science and technology (S&T).

-- Acts as principal liaison between the CEP staff and the S&T elements of SECNAV, OPNAV, CNR, SPAWAR, other services and civilian (academic and industrial) communities.

-- Coordinates with other staff offices in their research and development planning

-- Researches and prepares position papers and oral presentations on science and technology issues for the CNO and other key Navy leaders.

- Drafts correspondence on science and technology issues for CNO signature. The incumbent must be knowledgeable regarding Navy research and development functions and must have a thorough understanding of the scientific and technological considerations implicit in Navy planning. The incumbent will be expected to keep abreast of new technologies and scientific developments and their implications for the Navy.

Former incumbents of the position were Dr. Frances E. Baker (NSRDC), Dr. Delbert C. Summey (NCSC), and Dr. Raymond A. Sutula (NSWC). Dr. Gregory F. Dreyer (NOSC), is the current incumbent.

Interested individuals should submit a completed SF-171 to Nedra, Code 09, by April 30.