

COLORING CONTEST

AGE GROUPS:
(3-4), (5-7), (8-10), (11-13)

**KIDS WIN...
A BAG FULL OF
CANDY**

**PARENTS WIN
A \$50
GIFT
CERTIFICATE**

(Redeemable For Merchandise Only)

Rules

Age Groups shall be judged in four categories, depending on age of child.

Any child who does not follow rules will be disqualified. Children of their own age group shall complete work on their own with no help from an older child nor adult. Judging shall be held October 30th.

All winners shall be notified by telephone on October 30th before 6:00 p.m.

Please return all entries to Oak Specialties, 414 W. Ridgcrest Blvd. by 6:00 p.m., October 28th, 1991.

All employees families, or any persons affiliated with Oak Specialties, SCR Enterprises are excluded from entering this contest.

**Thank You For Your Participation.
Good Ghoulish Luck From:
Pegie, Tammy & Matt**



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Oct. 10, 1991
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**Weather
Report**

WEATHER

	Max	Min	Peak Gusts
Weds.	100	59	8
Thurs.	101	57	7
Fri.	100	57	9
Sat.	101	58	12
Sun.	102	58	12
Mon.	97	56	17
Tues.	96	54	16

CFC can make a difference in the Valley

(EDITOR'S NOTE: This is the first in a series of articles discussing how CFC agencies provide direct and needed assistance to many residents of the Indian Wells Valley.)

by Peggy Shoaf
Rocketeer Staff Writer

Everyone needs help or hope now and then, whether financially, physically or emotionally. The words *Voice of Hope* are more than just a theme for this year's Combined Federal Campaign (CFC) in the area. *Voice of Hope* are words which reflect what CFC-supported agencies provide to people in the Indian Wells Valley.

"My mother, a 75 year-old woman on a limited income, is suffering from terminal cancer," said one person who recently received support she needed from a CFC agency. "Her medicine is very expensive and Medicare only pays 80 percent of the cost. Last month, after paying for her medicine, my mother only had \$7 left for groceries. I applied for food stamps for her, but was told it could take a month before they would be effective. I had my own family to feed and I had just lost my job, so I couldn't provide the help she needed. I went to a CFC agency and they were great. Volunteers from the agency immediately brought over enough food to last my mother for the rest of the month. We received the food within four hours of my phone call. All I had to do was explain the problem and help was immediately

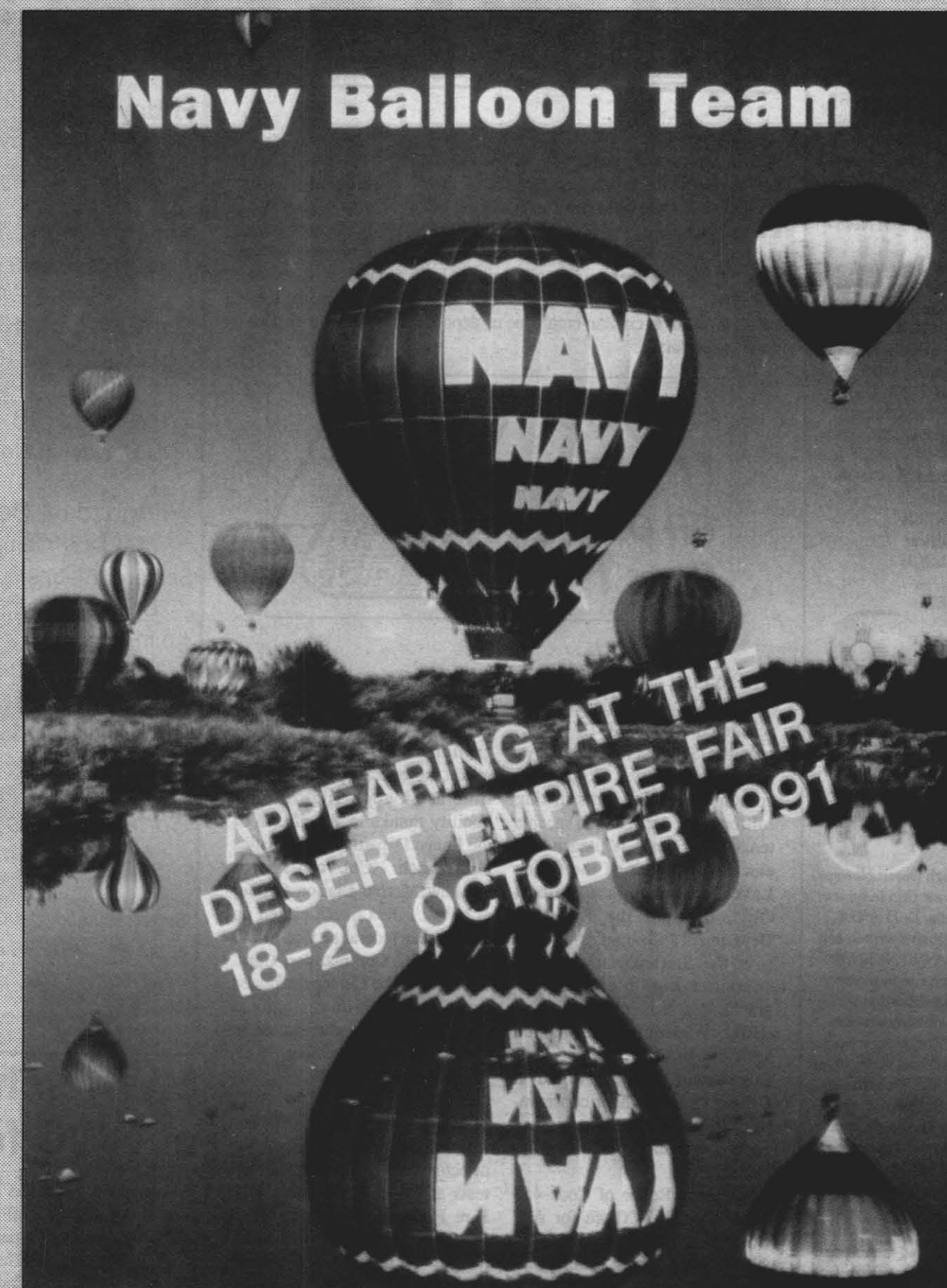
(Continued on Page 6)

NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLVI, No. 40, October 10, 1991

Navy Balloon Team



UP, UP & AWAY—The thousands of people attending the 1991 Desert Empire Fair will be treated to a display of hot air ballooning by the U.S. Navy's Hot Air Balloon Flight Demonstration Team. The team offers this interesting display of flight Oct. 18-20. (See story on Page 5!)

Commentary

NWC Rocketeer

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China Lake, CA 93555-6001; telephone (619) 939-3354; FAX: 939-2796; Deadline for receiving stories and photos is 4 p.m., Friday for publication on the following Thursday.

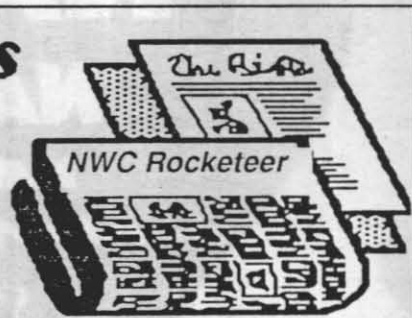
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The Skipper Sez...

The Skipper Sez... program is designed to answer questions by China Lakers addressed to the Commander of the Naval Weapons Center. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. While the answers to these questions are usually researched by someone appointed by the Commander, he does review all answers before publication. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary.

Pages from the Past



Oct. 10 1951

Rear Admiral Wilder Baker is scheduled to visit NOTS to present the Secretary of the Navy Award for Safety. Eight new apartment housing units, facing Mirror Lake, are ready to receive tenants. Gerald Whitnack was elected president of the China Lake Toastmasters. Robert Olds, head of the Research Department's Computing Branch says the Station's new analog computer can plot complex graphs in a matter of seconds. Hugh W. Hunter was named assistant head of the Research Department. The 11th Naval District ordered paper conservation steps to ease the Navy's paper shortage.

Oct. 7, 1966

Clarence Renne of Code 455 heads the 1967 "Once for All" Combined Federal Campaign. NOTS is obtaining a new Univac 1108 computer for Station-wide time sharing early next year. The Station Cobbler Shop closes its door for good today. Fire Chief Jim Davis and his crews are spreading the fire prevention message during Fire Prevention Week. George Lindsay, Paul Heckman and Harper Whitehouse earned \$500 for patents.

Oct. 9, 1981

Dr. Ed Kutchma was named to head the Aircraft Weapons Integration Department. Large rocket motors can be safely static fired at Skytop's High Hazard Facility thanks to the efforts of the Range Department's Ballistics Test Branch. Col. John Tyler is the new Marine Liaison Officer at NWC. Rex Smith picked up his 40-year federal service award from NWC Commander, Capt. J.J. Lahr. The Center celebrated the Navy's 206th Birthday. Sydney Shefler, who started at China Lake in November, 1945, passed away at age 60.

Oct. 10, 1986

NWC Deputy Fire Chief Darrell Johnson was the on-scene director for a series of additional tests at the Center's Mini Deck Fire Fighting Facility. Phil Sprinkle earned the Navy Meritorious Civilian Service Award for his work as NWC's representative at the Naval Strike Warfare Center, NAS Fallon, Nev. LNI William Gordon is the Center's Bluejacket of the Quarter. AOCs Dawg Monahan of VX-5 retired from active duty last week. NWC fire fighters are ready to win the Maturango Junction Chili Cook-off once again.

China Lake Calendar

Friday, Oct. 11

Navy Birthday Military Picnic, 11 a.m. Solar Park.

Saturday, Oct. 12

Navy Ball, 7:30 p.m., NWC Seafarer Club.

Sunday, Oct. 13

U.S. Navy's 216th Birthday.

Friday, Oct. 18 - Sunday, Oct. 20

U.S. Navy Balloon Team at Desert Empire Fair.

Wednesday, Oct. 23

Federal Computer Conference show, demo, Seafarer Club, 9 a.m. to 2 p.m.
UNIX Training, NWC Training Center, 8 a.m. to 4 p.m.

Thursday, Oct. 24

JP Welcome Luncheon, 11:30 a.m., NWC Seafarer Club.

Coming Events

Nov. 8, Marine Corps Ball.

Submissions for the China Lake Calendar must be received at the ROCKETEER office no later than the close of business on the Friday prior to publication.

MWR schedules concert at NWC for February

February 1, 1992 has been set as the date for a live concert, by a name-band, at the Naval Weapons Center. The Center's Morale, Welfare and Recreation Department plans to present the concert from 1 to 7 p.m. at NWC's Schoeffel Field.

Capt. Douglas W. Cook, NWC Commander, gave his approval of the concert concept this week. Debra Poindexter, MWR publicity director, is coordinating the event. She said the concert is still in the negotiating stages, but the names of bands involved should be announced by the first week in November.

Several thousand people are expected to attend and bleachers will be available at Schoeffel Field.

Local businesses interested in participating as commercial sponsors of the event should call Poindexter and 939-2602. Additional details will be announced as the concert date approaches.

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The Daily Independent!
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ALL ACTIVE/RETIRED MILITARY
PERSONNEL & THEIR DEPENDENTS
MAY PLACE THEIR CLASSIFIED ADS
FREE OF CHARGE!

1 PERSONALS

Happy Dude, These classifieds have been so boring since you left, so I thought I'd spice 'em up some. Hey, lets do lunch in a couple of weeks, if you know what I mean. See ya then.

Guess who

Band for hire, clubs, parties, receptions. Versatile. 375-6973.

VAN POOL RIDERS NEEDED from Lake Isabella to NWC. For information call 619-379-2184 after 6pm.

20 RENTALS

1 BDRM., 1 BATH

Pool/walk-in closet/refrigerator

\$375/month

ERA VAUGHN REALTY
446-6561 or 371-2414

2 PVT FURN RMS & BA & kitchenette. Share H/H facilities. Incl basic phone, TV, Cable, all util. Employed, mature adult only. Non smoking, no pets, no sec dep. \$300/mo. 446-6710.

2BR 1BA, very spacious, includes Washer & dryer, nice patio, and large back yard. Small pets OK. We pay water, trash, pest control. We do yard work. \$450/mo. + sec. dep. 375-6307.

DELUXE LIVING - Ideal for 2 working professionals (shared rental or couple). 2 large BR, equal size, 2 full BA. Spacious 1,200 SF, quiet street/open space. 5 min from NWC. Fireplace, w/w carpet, tile kitchen: side-by-side/ice maker, gas stove, D/W, G/D, walk-in pantry. Energy eff: Evap. cool/gas heat, cable outlets, cov patio, 2 car gar w/auto open. Landscaped. Xint landlord seeking xint tenants. Ref req. \$600/mo. (incl front yard maint. W/T). Last + \$300 sec. Pets neg. Avail NOW! 375-1473.

Former 820 Airborne rents spacious 3BR, 2BA w/garage unit, gas stove. \$525/mo., 1st & last + \$150 move in dep. Blocks from base on Perdew. Local contact, Lynn B 375-3855. Eve 818-562-3153, Day 213-487-4810.

MODERN, CLEAN 1BR w/walk-in closet, all the amenities. On site laundry, pool W/T paid. \$400/mo. + Dep. Call 371-4984 after 5pm.

30 SERVICES



Ultrasonic Blind Cleaning
371-7740

CHILD CARE - My home, 3 full time openings. One under 2 years and two over 2 years. Day & nites. Call 446-4432. License pending (on base).

FAMILY HOME DAYCARE - One P/T opening, One F/T opening, preschoolers only. Base cert. pending. 446-1012, ask for Chris.

35 AUTOMOTIVE

1952 MGTD REPLICA - 85 factory new GM chassis/2.5 L, 4 cyl auto. 18,000 miles. Professionally built. Cost \$17,000+. Excellent condition. \$8,000 OBO. 446-1528.

1977 Dodge Power Wagon Club Cab 4x4. New Brauma shell, 5th wheel & towing pkg., AT, A/C, PS, C/C, PB, dual tanks. Runs on regular gas, just smogged May 1991. \$3,200 OBO. 446-4516.

1978 Dodge CU100. 360 cubic in, 4 sp, 78,000 miles. \$1,475 low, \$2,865 high. Asking \$2,300 OBO. 371-4215.

1982 SUZUKI GS1100 - Excellent condition. \$1,200. Call 446-3762 after 4pm.

1982 YAMAHA VIRAGO - 750cc. \$900 OBO. 446-7653.

77 LINCOLN TOWN CAR - 100,000 miles. Runs good. Call Bill at 371-4731.

81 DATSUN 510 STATION WAGON - Nice clean car. A/C, CASS, good tires. \$1,000. See at BQ 314 Bravo (on base) after 4pm.

88 CHEVY CAVALIER - 2 door Coupe, 4 cylinder, 5 speed. \$6,000 or \$1,000 & payments. 446-7172.

FOR SALE: Truck shell, must sell! Fits mid-sized truck \$200 OBO. Also 2 seats and hardware from Dodge Colt, \$60 firm. Call 446-1012.

35 AUTOMOTIVE

TRUCK BED LINER for Nissan SEB6 Pick-up. Over the edge w/pop up spaces. Cost \$200. Asking \$75. Call Chuck weekdays at Base Commsary.

40 MISC. FOR SALE

Complete living room set. Excellent condition. \$800 OBO. Call Shea or Danny at 446-1367 after 4:30.

FOR SALE: Hideabed, \$30. Call 375-7475.

In the window style A/C, 14,000 BTU, \$150 OBO. Chess/Backgammon set, \$20 OBO.

WANTED TO BUY - Used spa. Must be working & in good condition. 446-7702.

World Progress Encyclopedias, \$200. Jenny Lynn baby crib, \$50. 3 cockatiels w/cage, \$75. Shephard/husky, 1-1/2 yrs., free. 446-7666 after 3 p.m.

45 GARAGE SALES

GARAGE SALE - Sat. 12; Oct 1991 morning & afternoon. 317 E. Wilson, R/C.

50 PETS/SUPPLIES

Grey Cockateils, \$24. Parakeets, \$10. Call 375-7475.

NWC Rocketeer

The 'Voice' of NWC for all of China Lake Community.

For more information or to place a display ad call

375-4481

The deadline for display ads is Mon. 4 p.m.

55 REAL ESTATE

Property Owners

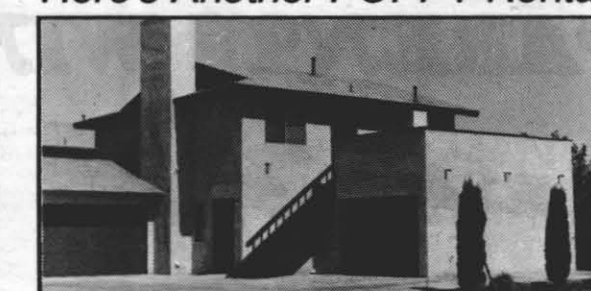
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143 Panamint 371-1641

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NWC Rocketeer

The 'Voice' of NWC for all of China Lake Community.

For more information or to place a display ad call

375-4481

The deadline for display ads is Mon. 4 p.m.



Selected works from the Cerro Coso Community College Student Art Show will be on display at the Kerr-McGee Center through the month of October. The art on display represents work of students that attended Cerro Coso during the 1990-91 school year.

Fair tickets on sale

Ridgecrest's Desert Empire Fair is right around the corner, Oct. 16-20, and tickets, available at the Craftech Center, are now on sale. The cost is only \$10 for a book of 25 tickets.

Navy Birthday Sale

Joining in the Navy's 216th Birthday observance, the Navy Exchange at China Lake has a Birthday Sale-A-Bration Oct. 11-17. The NEX staff invites Exchange patrons to stop in and check out super savings for all.

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9AM

Worship 10:30 AM
Child Care Available
UMYF
Jr. High - 4PM Wed.
Sr. High - 6:15PM Wed.
Room 5 Ed Building
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Dr. Edward E. Jayne



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446-5001

TIVOLI CENTRE
1400 N. NORMA ST.

Sybil Erden, an Arizona artist, will talk about her first 20 years as an artist at Cerro Coso Community College Lecture Center on Thursday, Oct. 17 from 7 to 9 p.m. This lecture is free and open to the public. For more information, call the College Art Department at 375-5001.

Ready for a night of theatrical magic? The Community Light Opera and Theatre Association's *Side By Side By Sondheim*, will present a musical review of the-

ater composer and lyricist Stephen Sondheim's works. Performances on October 10, 11, and 12th, 7:30 p.m., at the Carriage Inn. Reserved seating is available only through the Carriage Inn at 446-7910. Theatre goers are encouraged to purchase tickets early, seating is limited.

Interested in learning sign language? A newly formed Sign Language Club, sponsored by the High Desert Deaf Support Services, will be holding meetings

on the first Friday of each month. Anyone interested in sign language and deaf culture are welcome to attend the monthly meetings. For information, call 377-3445 or 375-9613 (Voice/TDD).

On Sunday, Oct. 27, the Loma Linda Center for Health Promotion offers health and risk evaluations for discounted prices at Cerro Coso College. Tests include the treadmill, pulmonary function, blood chemistry profile, blood cell profile, percent body

fat, colon cancer screening test and more. Appointments must be made by calling 1-800-824-4949 before Oct. 24.

Fashions by Dodie's Fashion and Bridal Shop will be shown during the Altrusa Club of Indian Wells Valley's Holiday Dazzle on Monday, Oct. 28, at the NWC Seafarer Club. Holiday fashions will be shown from 7 to 10 p.m. to raise money for the High Desert Adult Day Care Center. The donation is \$10 per person.

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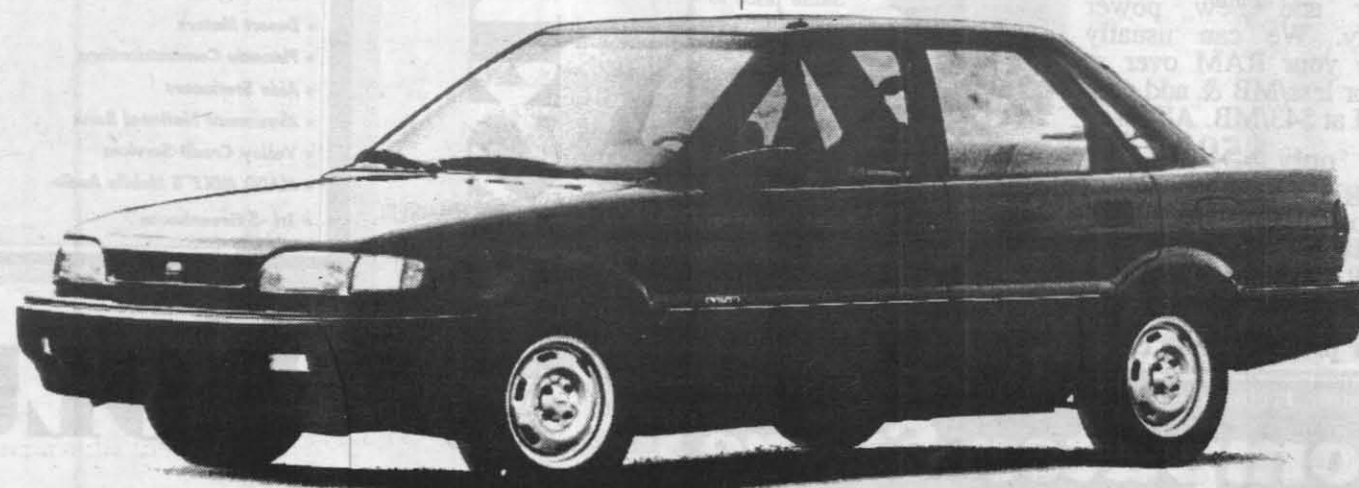
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Cars are subject to availability and must be returned to the renting location. Taxes and optional items, such as additional driver fee and refueling, are extra. For personal rentals, renter must meet standard Avis age, driver and credit requirements; minimum age is 25 but may vary by location.

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Military News

Children can be excused from schools

Free food, door prizes highlight picnic bash

Military parents attending the Navy's 216th Birthday Picnic tomorrow can make it a family affair by calling school offices by 3 p.m. today (Thursday) to have their children excused during the picnic. The calls must be made today and children must be picked up -- they will not be allowed to leave without a ride, according to Bruce Auld, acting superintendent of the school district.

The military-only picnic,

sponsored by the Naval Weapons Center Morale, Welfare & Recreation Department, gets underway at 11 a.m. at Solar Park (between the Seafarer's Club and Lauritsen Rd. on the south side of Blandy Avenue).

The first 200 adults to arrive will receive free commemorative Navy Birthday t-shirts upon proferring their military I.D. Free door prize tickets will be disbursed at the same table.

Enlisted personnel will have

the opportunity to soak their superiors in the dunk tank at just \$1 for three shots.



Hamburgers and hot dogs and other picnic fare will be provided

free of charge.

At noon the games will begin! "Blind" volleyball promises to keep participants guessing. They won't be blindfolded, but there will be a sheet over the net so opponents can't see each other. Sack races will entertain all ages.

Also around noon Capt. Craig, NWC Chief Staff Officer, will conduct award presentations, followed by the cake cutting and the first of the door prize drawings.

A softball tournament at Schoeffel Field is slated to begin at 1 p.m. and the Ken Robinson Dixieland Band will begin playing at 1:30 p.m.

Drawings for the remaining door prizes start at 3 p.m. and festivities end at 4 o'clock.

Former commander to speak
Vice Admiral William J. Moran, USN Ret., former NWC Commander, will be the keynote speaker at the Navy Birthday Ball Saturday night.

MAD three earn Navy Achievement Medals

Three Navy Achievement Medals (NAM) were awarded last week by Col. J.R. Agenbroad, Commanding Officer, Marine Aviation Detachment (MAD). Two were presented with the detachment standing quarters at an 8 a.m. Friday ceremony, with the other being presented earlier in the week due to a scheduling conflict.

Cpl. Francis Campbell Jr., who was scheduled for an appointment outside the area Friday, was presented his NAM on Wednesday, Oct. 2. He received the award for achievement for serving as the service record

book (SRB) non-commissioned officer in charge at the MAD since Nov. 12, 1990. During this period, the citation states, in addition to more than bring an ailing records section on-line, Cpl. Campbell also served as administrative chief "without a ripple in the professional accomplishment of the administrative office's mission."

The citation also quotes one of the IG's inspectors during the inspection Jan. 8, 1991, saying, "...this SRB

section is one of the best in the Marine Corps, as is this SRB clerk."

Friday, Sgt. Kenneth W. Vandenberg, was awarded the NAM for service from April 1 to 11. During that time, serving as AH-J/W airframes structures mechanic, Air Test and Evaluation Squadron Five, the citation reads, "Sgt. Vandenberg's Dynamic leadership, superlative initiative and untiring devotion returned an AH-1J Cobra to full flight status." He accomplished this by devising and executing a plan to change the Cobra's canopy removal system. He trained four additional people to complete the task and also worked off fifteen additional non-flyable discrepancies in one week. His efforts saved the squadron two weeks of additional maintenance time.

A gold star in lieu of a second NAM award, also presented Friday, went to Cpl. Daniel P. Rouse for the superior performance of his duties as unit diary chief, Marine Wing Support Squadron 172, Okinawa, Japan from Oct. 15, 1990 to March 19, 1991. The citation by Lt. Col. M.G. Prezpiora, Marine Wing Support Group 17 notes, in preparation for a disbursing on-site examination team visit, Cpl. Rouse recorded 3,766 unit diary entries with a very low error percentage. "Cpl. Rouse additionally improved the Squadron's unit diary timeliness rate from 65 to 96 percent and consistently exceeded the Marine Corps average on reporting time related transactions."



ACHIEVEMENT HONORED -- Col. Agenbroad awards gold star to Cpl. Daniel Rouse, following NAM presentation to Sgt. Kenneth Vandenberg (center).

Photos by PH3 Cary Brady

NEX celebrates with B'day Sale

During the Navy Exchange System's annual Navy Birthday sale, Oct. 11-17, replicas of the Lone Sailor and Homecoming statues which stand at the Navy Memorial in Washington, D.C., will be on-sale at a special low price.

The sales promotion commemorates the 216th birthday of the Navy and coincides with the fourth anniversary of the dedication of the Navy Memorial and the grand opening dedication weekend (Oct. 12-13) of the Navy Memorial's Visitors Center.

The Exchange is publishing, with its sale flyer, a \$15 discount coupon on the purchase of an eight-inch tall, bonded bronze replica of either the Lone Sailor or the Homecoming statue. Produced by the Navy Memorial Foundation, the replicas are based on sculptor Stanley Bleifeld's full-size versions, which are on public view at the Navy Memorial, located on Pennsylvania Avenue, midway between the Capitol and the White House.

The Navy Memorial Foundation's share of the proceeds from this special promotion will go toward completion of the Memorial's 24,000 square foot Visitors Center, a portion of which was opened to the public in June and will be formally opened on the Navy Birthday weekend.



The Lone Sailor

USO/Budweiser Scholarships

Washington (NNS) -- The USO/Budweiser Scholarship Program for the 1992-93 academic year is now available to all family members of active-duty military personnel who have graduated from high school in the last four years. Past recipients are not eligible.

The 25 \$1,000 scholarships are awarded to college-bound students on the basis of scholastic records, test scores and extra-curricular activities. This is the

third year of the program, made possible by an endowment from Anheuser-Busch to USO.

Completed applications must be received by USO World Headquarters by March 1 to be considered for selections announced in May.

For applications and complete details, write to USO World Headquarters Scholarship Program, 601 Indiana Ave. NW, Washington, D.C. 20004.

MARS passes first anniversary and still growing at China Lake

Station joins the Antarctic Network for phone links from down under

The Naval Reserve Unit 0176 Military Affiliated Radio Service (MARS) celebrated its one-year anniversary Thursday, Sept. 26. The MARS network at China Lake is the second busiest station in the nation for radio-telephone traffic, noted Navy Reservist ETC(SW) Kevin Holm, point of contact for the local MARS station.

Since its beginning one year ago, the station has received more than 1,600 calls and have made more than 580 calls through the afloat network. The

afloat network contacts people stationed on ships. The only station with more activity is the one at the Marine Depot in Barstow, which is manned 24 hours a day by active duty Marines.

The local station is manned by three Navy Reservists, ETC(SW) Holm, RMC Kathy Ernst and ATC Bill Oberg, plus a variety of civilian personnel. "We couldn't have nearly the activity we have now without our civilian personnel," said ETC(SW) Holm. "They volunteer their hours and knowledge to provide an impor-

tant service to active duty military personnel throughout the world."

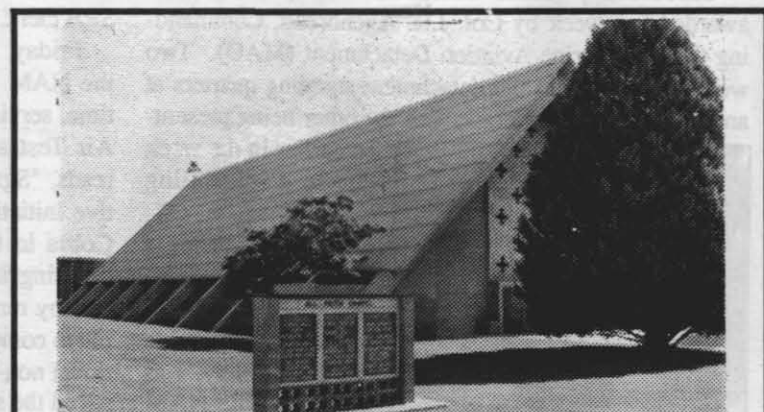
ETC(SW) Holm noted he expects even more calls this next year, as the local station has just joined the Antarctic Network, providing phone patches for people working at remote stations in Antarctica.

Currently, the local station is operated from 5 to 9 p.m., Monday through Saturday.

For more information about MARS, contact ETC(SW) Holm at NWC ext. 1807.



MILITARY APPRECIATION AND VICE VERSA -- Ens. Mike Corsey, NWC Exchange manager, congratulates Mae Harper of Quartz Hill on winning a 20-inch color TV. The drawing was held on Military Retiree Appreciation Day, Sept. 21, at Edwards AFB. The exchange donated the Sanyo TV for the festivities, sponsored jointly by Edwards and NWC. Photo by PH3 Cary Brady



Divine Services

Protestant

Sunday Worship Service, East Wing 8:00 a.m.
Sunday Worship Service, Main Chapel 10:30 a.m.
Sunday School, 1008-10 Blandy & 1903-05 Mitscher 9:00 a.m.
Bible Study (East Wing), Wednesday 11:30 a.m.
(September thru June)

Men's Prayer Breakfast, East Wing, Thursday 6:30 a.m.
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday 7:00 p.m.

Islamic

Jumaa Prayer (Friday at 1002 Blandy) 1 p.m. (DST)
12 p.m. (ST)

Roman Catholic

Sunday Mass, Main Chapel 9:00 a.m.
Daily Mass, Small Chapel 11:35 a.m.
Confessions, Weekdays By appointment
Religious Education Classes (Sunday) 10:15 a.m.
(September thru May)
1902 Dibb, 1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher
Scripture Classes, Tuesdays (October-January)
St. Ann's Parish Hall 7-8:30 p.m.

Jewish

(375-0385 Messages)
Weekly Services (Friday - East Wing) 7:30 p.m.
Adult Hebrew Lessons (Saturday, East Wing) 3:00-5:00 p.m.
(September thru June)
Religious Education (Sunday, East Wing) 9:00 a.m.-12 (noon)
(September thru June)

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Chief Petty Officer rank has long history of excellence for U.S. Navy personnel

WASHINGTON (NES) -- According to naval records, the first mention of the chief petty officer (CPO) was on a ship's muster roll in 1775. The CPO title did not resurface in naval history for almost 100 years.

The history and design of the chief petty officer's uniform date back to the 18th century Continental Navy of 1776. With the colonization of the new world, a need for a navy became apparent. Many of the people that settled our nation learned their seafaring skills in England. These sailors brought not only their seafaring skills, but also their customs, traditions and uniform similarities to this country. Many of our uniform styles can be traced to the British Royal Navy.

In 1865, a Navy regulation reestablished the term chief petty officer. The term was first used

for the ship's master-at-arms, making him responsible for preservation of order and obedience to all regulations. An excerpt from an 1865 regulation tasked the senior enlisted person with the following responsibility:

"The master-at-arms will be the chief petty officer of the ship in which he shall serve. All orders from him in regard to the police of the vessel, the preservation of order and the obedience to regulations must be obeyed by all petty officers and others of the crew. But he shall have no right to succession in command and shall exercise no authority in matters not specified above."

This, however, did not establish the term chief as a rate. It was merely a function rather than a rate. Petty officers were divided into petty officers of the line and petty officers of the staff. "Chief"

referred to the principal petty officer of the ship.

The next reference to the term chief was in U.S. Navy Regulation Circular Number 41, dated Jan. 8, 1885. This again refers to the term as a function or title rather than a rate.

All evidence indicates that chief petty officers were first officially recognized by General Order 409 of Feb. 25, 1893. This order, published for the naval service in an Executive Order of the same date, was issued by President Benjamin Harrison.

General Order Number 431, issued Sept. 24, 1894, changed the three rockers on the master-at-arms rating badge to one rocker. We know this as the rating badge of the CPO today. This general order also changed first, second and third class chevrons to their present day form.

Exceptional Family Member Program provides medical, educational services

Washington (NNS) -- The Exceptional Family Member Program (EFMP) is a mandatory program that enrolls sponsors of authorized dependents (i.e., enrolled in DEERS and residing with sponsor) with physical, mental or emotional handicaps who require special medical or educational services.

EFMP ensures availability of medical and educational services at overseas locations, ensures availability of medical services at isolated continental U.S. loca-

tions, identifies sponsors requiring assignment to CONUS facilities adjacent to major medical facilities and identifies sponsors eligible for homesteading.

Enrollment is now 3,500, an increase of over 400 percent during the past year. However, enrollment still appears to be below likely numbers, according to a recent message discussing the program.

Sponsor enrollment prior to the member's rotation date ensures duty assignments allowing the

sponsor to fulfill career obligations, while providing appropriate care for family members in all assignments of enrolled sponsors. Maximum consideration is given to co-locating sponsors with their families.

Required medical and educational service needs are addressed during the assignment process. Family stress and sponsor lost-time are reduced, while early return of sponsors and their families from out of CONUS assignments are minimized.

Variety of computer classes offered on Center

Intermediate Macintosh-Operating System (12 hours)
Oct. 22-24, Tuesday through Thursday, 0800-1130, Training Center.

Scope: This course will cover demonstration of the internal workings of the Macintosh personal computer (PC), explanation of network operation and procedures, basic and intermediate operating techniques, problem solving and trouble shooting.

Beginning MS-DOS (8 hours)
Oct. 29 and Nov. 25, 0800-1600, Training Center.

Scope: This course is designed to provide the novice computer user with a basic understanding of how Disk

Operating System (DOS) manages hardware and software components, controls system operation and directs input and output to and from peripheral devices. It includes a survey of file storage techniques, operations commands, command structure and utilities. Work is done on IBM-compatible PCs. Participants will learn how to use MS-DOS internal and external commands such as format, copy, diskcopy, DIR and CHKDSK.

Intermediate MS-DOS (8 hours)

Oct. 29, Tuesday, 0800-1600, Training Center.

Prerequisite: Ability to use the functions of the DOS to

do basic file management operations on an IBM PC-compatible computer (diskcopy, diskcomp, format, CHKDSK, DIR, erase, copy, rename, DHDIR (CD), MKDIR (MD), RMDIR (RD), type, print).

Scope: Participants learn to use batch files to customize computer operations and create custom computer instructions for the DOS on an IBM PC-compatible computer and to ensure the safety of the hard disk files against accidental destruction, use copy con to create batch files and the Edlin line editor to modify them, use pipelines commands in MS-DOS to redirect output, do sort, and use the find and more filter functions.

Opportunities available

(Continued from Page 19)

heavy workload. Knowledge and working skills on the Macintosh SE/SE-30/II is desirable. Promotion potential is DG-2.

No. 39-037, Secretary (Typing), DG-0318-1/2 Code 3935. This position is located in the Fuze Technology Branch, Fuze Sensor Systems Division, Intercept Weapons Department. Incumbent will provide secretarial and administrative support to the branch head. Knowledge and working skill on the Macintosh is desirable. Promotion potential to DG-2, but not guaranteed. Previous applicants need not apply.

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Navy sending Balloon Team to Ridgecrest

Sixty-foot tall envelope needs 77,500 cubic feet of hot air to keep it, passenger basket and three riders in the sky

Members of the U.S. Navy's balloon team are bringing their 60-foot-tall red, white and blue hot air balloon to Ridgecrest, October 18-20 for the Desert Empire Fair. The Navy Hot Air Balloon Flight Demonstration Team, composed of active-duty officers and sailors from the Naval Weapons Evaluation Facility at Albuquerque, New Mexico is making its first visit to Ridgecrest and the China Lake Naval Weapons Center.

Throughout their visit to the Desert Empire Fair, the Balloon Team will offer free hot air balloon rides, weather permitting. Crew and passengers go aloft in a classic wicker basket. During the tethered flights offered at the fair, the balloon will climb about 50-feet above the ground and be secured by strong ropes. This technique allows the Navy team to stay in one spot as they explain the functions of a hot air balloon and give the passengers a small taste of flying in a lighter-than-air craft.

No other kind of flight is quite like a balloon. In free-flight, for example, the balloon and its crew is entirely dependent on the wind for direction and speed of flight, other than going up or coming down. Veteran balloon pilots say the slow, drifting pace of the modern hot air balloon really gets back to the basics of flight. As one Navy balloon pilot, also a veteran of Navy jets said, "Once you try it you are hooked."

The Navy's lighter-than-air program began in 1915 with airships used for reconnaissance and convoy escort duty. Hydrogen-

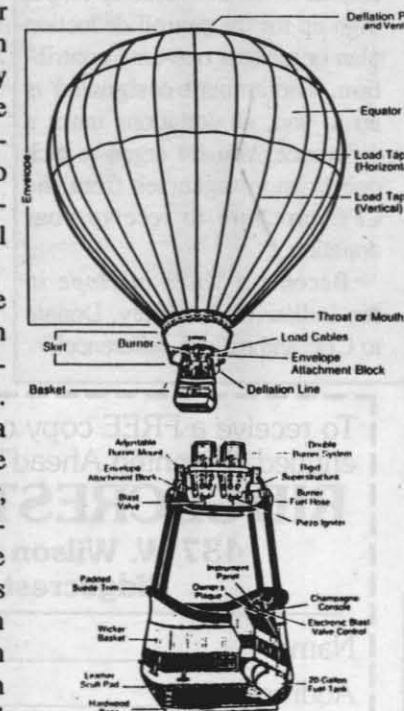
filled and then helium-filled airships were used by the Navy in many roles during World War I and World War II. The last Navy airship flew in 1962. The hot-air balloon program was born in 1977.

The Hot Air Balloon Flight Demonstration Team is an all-volunteer unit. Team members have full-time jobs at the Naval Weapons Evaluation Facility and volunteer their time and effort as part of the Navy Balloon Team. The hot-air balloon program supports the Navy Recruiting Command.

Manufactured by Aerostar Industries of South Dakota, the Navy balloon has three main components; the rip stop nylon envelope (commonly just called the balloon); the burner systems and a wicker basket.

The lightweight nylon envelope is 55-feet in diameter, has 24 sections, holds 77,500 cubic feet of air and provides the lift needed for the burners, basket and three passengers.

Double burners, fueled by two liquid propane tanks, generate 24-million BTUs/hour to heat the air inside the envelope.



MODERN HOT AIR BALLOON SYSTEM
Today's hot air balloon systems consist of three major components: envelope, basket, and burner. The most popular envelope size is 55 feet in diameter with a volume of about 77,500 cubic feet of air. The wicker basket houses the propane fuel tanks and flight instruments. An altimeter, rate of climb meter, and pyrometer are standard instruments in balloon systems.

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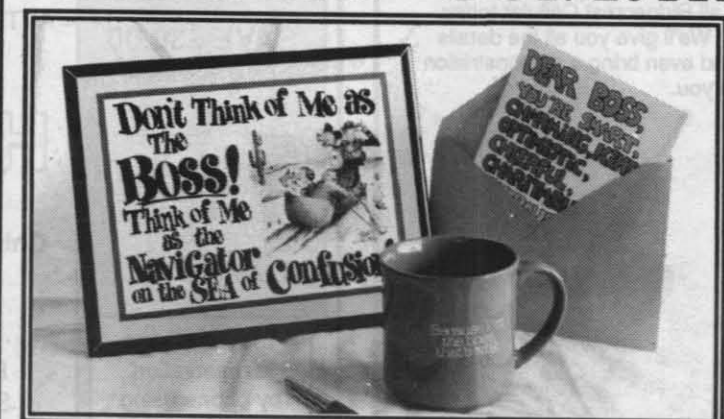
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CFC offers a 'Voice of Hope' to many in this area

(Continued from Page 1)

forthcoming. I don't know what I would have done without them!"

Another person talked about how the high costs of medicine almost wiped out her savings. "I'm a widow living on Social Security," she said. "I have been hospitalized twice recently and

needed oxygen and medicine on a daily basis. I called a CFC supported agency and they paid for everything until my medical insurance took over. I don't think I would be alive today if it wasn't for them."

Dianne Speegle, the special education and district nurse from the Sierra Sands Unified School District, noted CFC-supported agencies even help in the classrooms. "If we know of a family who can't afford glasses, lice shampoo or even clothing for the children, the CFC-supported agencies help out," she said. "People who support CFC directly support children in the Indian Wells Valley."

CFC-supported agencies also

help those who have nice homes and an income that supports their families. A fire can quickly devastate a family who has never needed outside help before. What would you do if your house burns down, destroying everything you and your family owns? CFC-supported agencies are there to help, providing shelter, clothing and food until you can get back on your feet.

Every little bit helps. The Naval Weapons Center has approximately 6,000 military and civilian personnel. If each person would donate \$10 per pay period (\$260 per year), a total of \$1,560,000 could be collected through CFC efforts. With each person doing his or her part,

NWC can exceed its goal of 40 percent participation. Last year, the Center saw only a 31 percent participation rate, 22 percent lower than the national participation rate.

Key personnel throughout the Center are currently contacting China Lakers to give them a chance to be the *Voice of Hope*. Sign up for the payroll deduction plan or make a one-time contribution. The amount designated is up to you, all donations make a difference. You are urged to pick one or more agencies from the CFC brochure to receive your donation.

Become a *Voice of Hope* in the Indian Wells Valley. Donate to CFC and make a difference!

Open House by Code 24 on Oct. 31

Members of the Safety and Security Department have moved back into Building 00008 (located on the corner of Blandy and Knox Roads).

To help department employees celebrate this event, an open house will be held on Oct. 31 from 9:30 to 11:30 a.m.

Naval Weapons Center employees are invited to drop in to enjoy refreshments and a tour of the completely remodeled building.

Nov. 1 retirement celebration set for Code 28's Eleanor Johnsen

Eleanor Johnsen, head of the Management Analysis Branch, is retiring after more than 31 years of federal service. A retirement celebration is planned in her honor on Friday, Nov. 1, at the Seafarer Club. The fun starts at 5:30 p.m. Dress is desert casual. Reservations must be made no later than Oct. 30.

For reservations or tickets, call Judy, Linda, Kim or Leah at NWC ext. 3605, 3503. Tickets are \$10 each and include dinner.

Any one wanting to make a presentation should call Deanne Bell in the Protocol Office, NWC ext. 1365.

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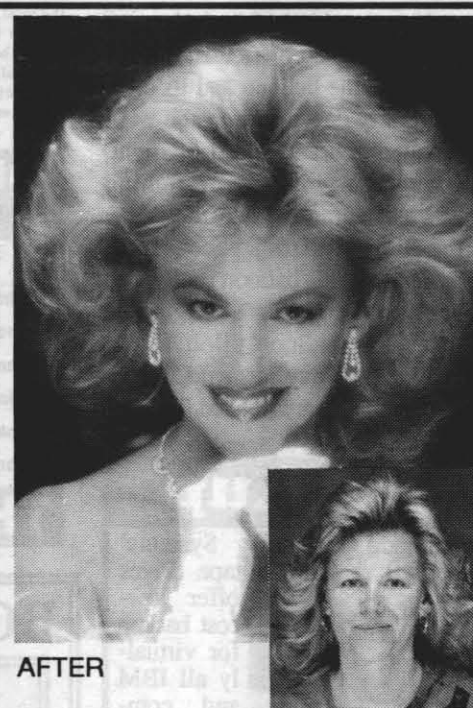
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Reassignment, secretarial opportunities available

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 applications 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. 62-033, Interdisciplinary (Electronics Engineer/Computer Scientist/ Mathematician), DP-855/1550/1520-2/3, Code 62532 - This position is located in the Telemetry Data Section, Telemetry Branch, Data Systems Division, Range Department. The section is responsible for providing computer control of telemetry equipment and software support for realtime data display software. The incumbent will design, develop, test and document system; FORTRAN and DEC assembly language; ground telemetry systems and transmission formats; and computer interfacing with telemetry ground station equipment. Incumbent must be able to communicate both orally and in writing with range customers in support of their unique requirements. The incumbent must be able to obtain and maintain a Top Secret clearance.

Any applicant tentatively selected for this position will be required to submit to urine analysis for illegal use of drugs prior to final selection. See "Notice Regarding Drug Testing Designated Positions" in "Promotional Opportunities" box above.

This position has promotion potential to DP-3 but is not guaranteed.

To apply, please submit a current SF-171 to Burt Wagner, Code 6253, NWC extension 6434.

Secretarial opportunities

This column is used to announce secretary positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grades, administrative functions become predominant. At the higher levels, secretaries apply a considerable knowledge of the organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria indicated below. Applicants will be rated against 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 1/2/3/4/5/8/9; Program Office secretary applicants will be rated on elements 1/2/3/4/5/8/9; and department secretary applications 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. 38-008, Secretary (Typing), DG-318-1/2, Code 3894 - This position is located in the Research Department, Engineering Sciences Division, Warhead Dynamics Branch. The incumbent provides secretarial and administrative support to

the Branch Head and staff. Additionally, incumbent will assist elsewhere in the Department when needed and workload permits and may be called upon to assist editorial assistants during times of (Continued on Page 21)

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Personnel News

Promotional opportunities

Applications for positions listed below are being accepted from Department of Navy employees currently working at NWC and from eligible employees of attached activities who are permanently assigned to NWC. This group includes employees with career or career conditional appointments; employees with permanent Veterans Readjustment Act (VRA) appointments; temporary employees with reinstatement eligibility; and handicapped employees with Sch. (A) continuing appointments. Also included are spouses, with competitive status, of civilian sponsors hired by a DOD activity within NWC's commuting area. Applications from other groups will be accepted when specified in an advertisement. Vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements, including minimum qualifications requirements, by the closing date of the advertisement. Evaluation of applicant's qualifications will involve using at least two assessment measures. Assessment measures are work experience, annual performance assessment rating and narrative, education, training, performance assessment and awards.

Eligible spouses (of military sponsors) with competitive employment status may apply for employment preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they applied. For initial employment information, career counseling and enrollment, call 939-3317 for an appointment.

HOW TO APPLY: Submit the following: a current application, SF-171 or other Human Resources Department pre-approved form; a copy of your most recent annual performance assessment narrative (note: a copy of your performance plan should be attached if the annual performance narrative description does not clearly state the tasks/duties performed); and a completed Background Survey Questionnaire. A supplemental narrative which relates your qualifications to each knowledge, skill or ability (KSAs) as cited in the advertisement is always desirable and may be required if stated in the vacancy announcement. Write the title, series, level (grade), and announcement number on all application materials. Not submitting the annual performance narrative may adversely affect your evaluation scores. Prior to submitting your application, complete Cover Sheet Form 12335/2, available at the reception desk. **Make sure your address, phone number, etc. are current, correct and that all forms are complete and accurate.** If information is missing, your qualifications may not be fully and completely rated. Additional information cannot be submitted after the closing date of the announcement. A current date and a signature on the last page completes the application. Civilian Spousal Program Eligibles with competitive employment status must submit a copy of their sponsor's PCS orders with each application in order to be considered for Merit Promotion vacancies which do not state that status eligibles may apply.

Application materials are accepted, and blank forms are available, at the Reception Desk, Room 100, Human Resources Department, 505 Blandy. Announcements close at 4:30 p.m. on Thursday, one week after the opening date of the announcement, unless otherwise specified. Applications received after 4:30 p.m. on the closing date will not be considered. Copies of Applications may be submitted since applications are kept in an announcement file and cannot be returned or filed in personnel folders. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any non-merit reason.

Notice Regarding Drug Testing Designated Positions

Any applicant tentatively selected for one of these positions will be required to submit to urinalysis to detect illegal use of drugs prior to a final selection. Final selection is contingent upon a negative drug test result, and thereafter the selectee will be subject to drug testing on a random basis as the incumbent of a Testing Designated Position (TDP). Further, all Department of the Navy employees may be subject to drug testing under certain circumstances such as reasonable suspicion and after an accident. All individuals will have an opportunity to submit medical documentation that may support the legitimate use of a specific drug to a Medical Review Officer. An applicant's test results will be provided to the selecting official and servicing Civilian Personnel Office before a final selection is made. A verified positive drug test of a current Department of the Navy employee will also be provided to the employing activity/command. (NAVWPNCENINST 12792.2, 14 Dec 90).

No. 24-022, Fire Protection Inspector, GS-081-67, Code 24202 - This position is located in the Fire Division, Safety and Security Department. The incumbent makes continuous inspections of buildings, their contents, utilities and surrounding areas, of processes and operations in regularly assigned areas; recommends corrective action, makes written reports and conducts follow-up inspections; reviews plans for new construction and extension of existing structures recommending changes and additions to ensure compliance with fire prevention and protection requirements. Incumbent tests, services and installs fire equipment, fire doors, sprinkler systems, alarms, etc. Presents fire prevention training and instructions, and conducts evacuation and fire drills. **Job relevant criteria:** Knowledge of fire prevention inspection principles; Knowledge of the physical layout of NWC, including the airfield; Ability to communicate orally; Skill in testing, servicing and installing fire equipment, fire doors, sprinkler systems, alarms, etc. **Supplemental Qualification Statement is**

required to address the job relevant criteria. Qualification statements are available in Room 100. Individual selected for this position will be subject to urinalysis testing for use of illicit drugs. See "NOTICE REGARDING DRUG TESTING DESIGNATED POSITIONS" in "Promotional Opportunities" box above. Promotion potential is GS-7, but not guaranteed. Previous applicants need not reapply.

No. 24-023, Electronics Technician, DT-856-2/3, Code 2411 - This position is located in the Physical Security Branch, LEPS Division, Safety and Security Department. Incumbent performs maintenance, testing, troubleshooting, repairing and replacing components of an Intrusion Detection System (IDS) program and assisting Branch Head and other IDS technicians. Incumbents must be able to obtain and maintain a Top Secret Clearance based on a background investigation. Individuals selected for these positions will be subject to urinalysis testing for use of illicit drugs. See "NOTICE REGARDING DRUG TESTING DESIGNATED POSITIONS" in "Promo-

tional Opportunities" box above. **Job Relevant Criteria:** Knowledge of electronic principles; Ability to use electronic test equipment; Ability to read schematics and engineering drawings; Ability to work as a member of a technical team; Knowledge of alarm systems. Promotion Potential to DT-856-3, but not guaranteed.

No. 31-024, Supervisory Interdisciplinary (General/Mechanical/Electronics Engineer, Physicist/Mathematician/Computer Scientist), DP-801/830/855/1310/1520/1550-3/4, Code 31B - This position is that of Head, Contract Support Office, Aircraft Weapons Integration Department. This incumbent is the COTR for the ADP Omnibus Support Services Contract, alternate COTR for the WSSA/WSSF Support Contract. The incumbent provides overall direction, coordination, and management of both COTR offices and the Pre-Procurement Group. This position involves high visibility through significant interface with contractor(s), the Procurement Department, Center management and the Technical Monitors. This position requires a techni-

cal background to support multidisciplinary technical users. Incumbent is responsible for the technical interface between Government and Contractors. Incumbent will conduct surveillances of Contractors' performance, review Contractors' progress, and participate on negotiation teams. Incumbent will support follow-on contract procurement packages and the source selection boards. Some travel required. **Job relevant criteria:** Knowledge of Federal procurement/contracting policies and procedures; knowledge of affirmative action principles including a willingness to implement EEO practices; ability to provide technical assistance to a wide variety of disciplines; ability to communicate in writing; and ability to perform as a first-line supervisor. The selectee may be required to serve a one-year probationary period. This announcement closes on 17 October 1991.

No. 32-018, Explosives Worker, WG-6502-5, Code 3272 - This position is located in the Ordnance Processing Branch, Propulsion Systems Division, Ordnance Systems Department. Incumbent operates small to large scale propellant and explosives processing equipment, such as rolling mills, mixers, ovens, etc. Reads meters and gauges to determine steam vacuum, air, nitrogen, water, chemical material flow, product temperature, and physical properties of materials. Records test data. Assembles and disassembles propellant molds. Position is covered by the Code 3272 Development Plan for Explosives Workers. **Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; safety and dexterity; ability to follow directions; knowledge of materials, tools and equipment used by an ordnance worker (ammunition and explosives); ability to work as a member of a team. **Employees must progress through the WG-7 and WG-8 levels. Full performance level to Explosives Test Operator, WG-6517-10, but not guaranteed. A supplemental form is required and can be obtained in Room 100 of the Personnel Building.**

No. 36-032, Supervisory Mechanical Engineer, DP-830-3, Code 36261 - This position is the Section Head of the Servo Design Section in the Control Design Branch, Systems Engineering Division, Engineering Department. The incumbent will be responsible for design, design analysis, system test and evaluation of missile servo controls and related mechanical support. The position requires specific experience in performing engineering production support of missile mechanical systems, electromechanical, pneumatic, hydraulic and their hybrid technologies, related manufacturing process controls, and the Navy production support engineering process. The incumbent must have experience in missile mechanical system applications, computer-based test system operation, documentation of operating procedures, interchangeability analysis, failure analysis and mechanical design optimization techniques. **Job Relevant Criteria:** Knowledge of missile

servo control systems and related performance requirements; knowledge of related control system application, including specification requirements; ability to formulate and conduct systematic engineering test and analysis on problems of more than average difficulty or complexity; knowledge of affirmative action principles including a willingness to implement EEO practices; ability to communicate orally; ability to communicate in writing. The selectee may be required to serve a one year supervisory probationary period. Full performance level is DP-3. This announcement closes 10/24/91.

No. 62-034, Electronics Technician, DT/DP-856-3, Code 62311 - This position is in the Electro-Optical Branch, Instrumentation Systems Division of the Range Department. The incumbent operates, maintains and provides design and development of highly specialized optical and electronic devices, with emphasis on laser equipment to gather test data for NAVWPNCEN Ranges; performs work using specialized optical, video, film and tracking equipment and improvises new methods and techniques for using such equipment. Assists in planning and conducting field tests. **Job Relevant Criteria:** Knowledge of photo-optical, electro-optical and laser systems and their uses for gathering field test data; ability to support a specific project/program and assist project engineers in accomplishing their goals; knowledge of current field instrumentation technology, data links, laser tracking, range operations, modern weapons systems, and test and evaluation operations and indepth experience in photo-optical, electro-optical and laser equipment and Typical equipment used within the Branch, but not restricted to, are: GTE LRMK-II 1.06 micro meter laser, associated test instruments, various tracking mounts, such as Cine Sextants, Cine Theodolites, Contraves KTMs, Askania (MCMs), M-45s, medium and high speed cameras, specialized shuttered video cameras, recorders and other related equipment. Promotion potential to DP-3, but not guaranteed.

No. 62-035, Ordnance Equipment Mechanic, WG-6641-10, Code 62223 - This position is located in the Operations Section of the Track Operations Branch (SNORT), Range Operations Division, Range Department. The incumbent assembles, disassembles, modifies, adjusts, repairs, services, and operates specialized ordnance equipment used in the experimental testing of rockets, guided missiles, projectiles, and high explosive items. **Job Relevant Criteria:** Ability to do the work without more than normal supervision; knowledge of equipment assembly, installation, repair, etc.; ability to use and maintain tools and equipment; ability to use measuring instruments appropriate to the line of work; ability to interpret instructions, specifications, etc; and the ability to do the theoretical, precise work of the trade. Supplemental qualifications statement is required and can be obtained in the Personnel Building, Room 100.

Mincer visits China Lake

Professor Tom Mincer of Cal-State University, Northridge (CSUN) will be on-Center Oct. 29 to advise current and prospective students in the external degree program offered by the school in mechanical engineering.

Those who wish to see Professor Mincer are asked to make an appointment by calling Denise at NWC ext. 2648.

Wellness Corner



The China Lake Challenge offers events for people of all ages and all athletic abilities. Listed below are the current events being offered. We can still add activities for Saturday, Oct. 26. If your code wants to sponsor an event, just call NWC ext. 2468. You may pre-register by mail (Code 2243) until Oct 16. You may also register at the Wellness Program Office (located in the Training Center), at the Kick Off, the 5K Walk and at the Challenge. Currently, Code 25 has the most people pre-registered.

CHINA LAKE CHALLENGE
Oct. 19--Softball Tournament*, Knox Fields, 9 a.m., Code 232, Ken Presley, NWC ext. 2911/237.

Oct. 23--Kick Off, Solar Park, 11:30 a.m., Marilyn Ball, NWC ext. 3535

Oct. 24--5K Walk, end of Kitts Rd., 11:30 a.m., Code 36, Peggy Ames, NWC ext. 1054

Oct. 24--Swim Meet*, Indoor Pool, 5 p.m., Code 19, Elaine Arnell, NWC ext. 2334

Oct. 26--Volleyball Tournament*, BHS Fields, 8:30 a.m. Sue Dunker, NWC ext. 2421

Oct. 26 --China Lake Challenge, BHS Fields, 1 to 4 p.m. Aerobics, Code 32, Shari Keyes, NWC ext. 7611

Coordination Course, Code 25, Diane Ross, NWC ext. 5845
Exercycling: going nowhere fast!, Code 22, S. Ramirez Williams, NWC ext. 3317

Hoop Shoot, Code 26, Mona Alkhafi, NWC ext. 3411/476
Jump Rope, Boeing, Mike Sowa, 499-5924

Pass the Buck, Code 28, Pat Lightfoot, NWC ext. 3404

People Walk, Code 008, Lloyd Crabtree, NWC ext. 3432

Push Ups, Code 32, Sandy Brown, NWC ext. 7417

Soccer Course, Code 35, Kelly McDonald, NWC ext. 3614

Softball Throw, Code 64, Lynn Becker, NWC ext. 6010, and Cal Kato, NWC ext. 3664

Target Golf, Code 61, Keith Becker, NWC ext. 5405

Target Tennis, Code 31, Tom Roseman, NWC ext. 4812

Tug-of-War*, Code 24, Becky Souza, NWC ext. 2079

*Additional registration required. Call event coordinator for deadline.

Reminders:

CLC softball tournament rosters are due Oct. 11 to Ken Presley, NWC ext.2911/237.

CLC swim meet entries are due Oct. 15 to Elaine Arnell,

NWC ext. 2334

CLC tug-of-war rosters are due Oct. 16 to Becky Souza, NWC ext. 2079

CLC volleyball tournament rosters are due Oct. 21 to Sue Dunker, NWC ext. 2421

The Challenge Kick Off will be held Oct. 23 in Solar Park from 11:30 a.m. to 12:30 p.m. A Mexican buffet is available for \$4.50.

There will be music, a management tug-of-war, name the CLC mascot contest and opportunities to register for the China Lake Challenge. Come and catch the spirit!

Community Light Opera and Theater Association presents

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Shoemobile visit Nov.6

The Employee Services Board announced that the Shoemobile will be on Center Wednesday, November 6 from 7:30 to 9 a.m. in the parking lot of Building 01474 (Maintenance Utilities Division, Public Works Compound) near the intersection on Inyokern and Knox roads. Civilians and military personnel may purchase safety shoes, gloves and related items from the ESB-sponsored mobile unit.

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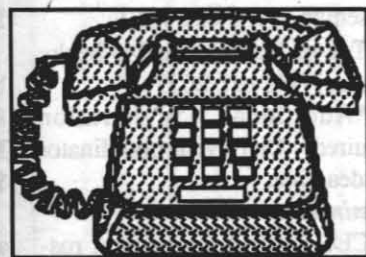
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CTS: Changing phone locations slows the work

The CTS team is currently in the process of providing the CTS contractor (CASI) with the information needed for the new telephone system. This information includes the phone number, location and name of every user on Center. The information was gathered in June 1991, and since then, Code 2712 has encountered difficulties with users changing locations and requiring different service. The movement of personnel and changes in service make the data provided to CASI incorrect; thus, the CTS user configuration may be incorrect at cutover in 1992.

In addition, the crews installing the inside wiring for the new phones are being required to go back to those areas that have recently experienced moves and modify the wiring previously installed for CTS. Although we are requiring the codes to pay for this additional work, the amount of work being required due to moves is impacting the schedule the contractor

has to meet and could result in government delay and higher contract costs.



Code 2712 requests that careful consideration be taken before requests for relocation of telephones are submitted to the Telephone Services Branch (Code 2714). A moratorium to restrict modifications to the existing tele-

phone system was put into effect via NAVWPNCEN memo 27/120 of 9 Nov 90 and will be in effect until the new system is in service. In addition, contractual limitations require Code 27 to implement a hard freeze on all telephone rearrangements as of Oct 21. This includes the lease of any new equipment not to be used as part of CTS. Special consideration will be given, however, to safety and security related requirements. For additional information or questions, contact the Telephone Services Branch at NWC ext. 3451 or the CTS team at NWC ext. 1659.

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371-1490 Sharon Robesky (Mgr.)

CLWISE hosts talk

Carol Burge of the Human Factors Branch is the featured speaker for the Oct. 16 meeting of China Lake Women in Science and Engineering (CLWISE). Grace Felix of the Aircraft Weapons Integration Department will discuss communication style. The meeting is set for 11:30 a.m. in the Carriage Inn. Lunch of soup, salad, beverage and tip is \$5.75. Meetings are open to anyone interested; not just to scientists, engineers or women. Lunch reservations are requested. Call Socorro Williams at NWC ext. 3317 by 4 p.m. Friday (tomorrow).

SOLE installs officers October 18

Bob Mullen, the Society of Logistics Engineers' (SOLE) District 9 director, will talk on the State of the Union -- SOLE/LEF -- *Where Are We and Where Are We Going?* during the Hi-Desert Chapter SOLE annual installation banquet on Friday, Oct. 18, at the Hideaway.

The meeting starts at 6 p.m. with a social hour. Meals will be ordered off the menu. Reservations are required by Oct. 16, and may be made by calling Larry Peacock at 375-7448, Bill Wilson, NWC ext. 3441, Tree Crabtree at NWC ext. 3432 or Doug Whinnell at 446-7671.

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Midland/Odessa	\$101	\$121	\$121
Nashville	\$182	\$198	\$182
New Orleans		\$167	\$168
Oakland	\$ 48	\$ 48	\$ 48
Oklahoma City	\$128	\$153	\$147
Phoenix		\$ 38	\$ 38
Reno/Tahoe	\$ 68	\$ 68	\$ 67
Sacramento	\$ 48		\$ 48
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Annual bird hunt at NWC cancelled for fourth year

Captain Douglas W. Cook, Commander of the Naval Weapons Center (NWC), announced the cancellation of the 1991 Fall Upland Game Hunting Program on the Center's northern ranges.

This popular annual bird hunt was cancelled for the fourth year in a row due to continuing drought conditions and limited reproductive success of chukar and quail in the China Lake high desert area.

For information on next year's 1992 fall hunting season look for announcements on the NWC hunt in most southern California newspapers after Labor Day in 1991. If you prefer, contact your regional State California Department Fish and Game office for NWC Upland Game (chukar) Hunt information.

Players improve soccer skills

(Continued from Page 14)

and superb goal tending by Brian Kajiwaru shut out the Hawkes. Chris Long kicked in three goals and James Fujiwara knocked in one for the victory. Gianna Wunderlich and Ely Roberts played an aggressive game in the loss.

Division IV

Blue Devils 4, Goalbusters 3

In a close match, the Blue Devils edged past the Goalbusters due to outstanding plays by Chris Maki and Barret Edwards, three goals by Jamie Critchfield and one by Kevin Nowiki. Excellent plays by Jolie Robison, along with two goals by Eric Wunderlich and one by Anna Wunderlich just weren't enough to stop the Blue Devils.

Eagles 4, Red Devils 0

The Eagles out soared the Red Devils thanks to moves by Brett Thomsen, James Capazzi and Robert Bowman, three goals by Heather Busby and one by Chris Brown. James Huemann, Justin Weidenkopf, Jason Edgren and Jonathan Davis played hard for the Red Devils, but couldn't tether the Eagles.

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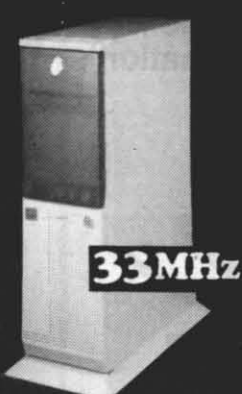
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Basketball players, coaches needed

Players and coaches are needed for the Naval Weapons Center Military Varsity Basketball Team.

of the MWR Department's Sports Division, coaches do not have to be active duty military personnel.

To be eligible, players must be active duty military personnel. The NWC team will compete against teams from Port Hueneme, Pt. Mugu and Long Beach from November through February. The team with the most wins will then compete in the South-Pac Basketball Tournament in February.

According to Elaine Arnell, head



However, she noted, if the coaches are civilians, the Sports Division cannot authorize military travel for them, requiring them to commit to using their own leave time to travel with the team and some monetary expenses.

People interested in finding out more about the Military Varsity Basketball Team should call the Sports Branch at NWC ext. 2081.

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Today, the original Boys Town (Father Flanagan's Boys' Home) is helping more than 15,000 young people each year through new programs, a hospital and additional locations. Boys Town now has campuses or projects in the Los Angeles area, New York City, New Orleans, San Antonio, Orlando, Tallahassee, Las Vegas, Rhode Island and near Ft. Lauderdale. Of course, the Home Campus in Boys Town, Nebraska remains the flagship.

Please help keep hope alive for today's troubled children.



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FLAG RAISING--NWC Commander, Capt. Douglas W. Cook, visited Richmond Elementary School last week to take part in the morning flag raising ceremony. Richmond has been adopted by NWC through the Adopt-A-School Program.

Photo by PH3 Cary Brady

NOSC team talks to IEEE

Dr. Will Cronyn and Christina Wire from the Naval Ocean Systems Center (NOSC) will talk about NOSC's Moving Target Simulator during IEEE's (Institute of Electrical and Electronics Engineers, Inc.) meeting set for Thursday, Oct. 24, in the Seafarer Club at 11:30 a.m.

Wire, an electronics engineer with NOSC's Electromagnetic Topside Engineering Branch,

will give an initial presentation on NOSC's full-scale antenna testing. Dr. Cronyn will speak on the NOSC-developed Moving Target Generator. Cronyn and Wire will be available all day for any groups or individuals to discuss this device in detail after the luncheon.

For more information, call Ed Fink at 499-5000 or James Serpanos, NWC ext. 2619.

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From the Counsel...

by Melvin J. Sliwka, Code 006

Freedom. Freedom to pursue technical areas of interest; freedom to use unique and novel approaches to solve existing problems; freedom to publish these approaches; freedom to discuss with the government colleagues, colleagues from academia, even contractors the problems and solutions of their everyday work. These are the freedoms which Naval Weapons Center (NWC) technical personnel enjoy and cherish as part of their employment.

Are these freedoms costing the government millions of dollars in contracting? Probably.

Are these freedoms costing NWC, and the employee personally, thousands of dollars in royalties and Cooperative Research and Development Agreement (CRDA) receipts? Possibly.

Is there a way for NWC employees to enjoy these freedoms yet protect the government, NWC and themselves from these financial losses? Yes.

When NWC technical personnel discuss, with contractor employees and academia colleagues, their day-to-day work problems and solutions and provide them with ideas and information which have been used to solve these problems, they are giving these people valuable technical data which may deliberately or inadvertently be used in other government contracts for the Department of Defense or other government agencies. This data is usually not identified as originating from a government source and thus frequently becomes the basis for allegedly proprietary information. This may place the contractor in a sole source procurement position. The

university may become a licensor charging to use technology created by a government employee.

Disclosure of unique and novel ideas to academia and contractors may also result in loss of patent rights or potential licensing opportunities under the technology transfer act. Under this act, the licensing of invention and/or creation of CRDAs brings income to the base and personal awards and rewards to the technical parties involved. This income and cooperative R&D opportunity may be lost by the uncontrolled disclosure of information.

Why should a contractor purchase a license under a patent or enter into a CRDA to obtain know-how and expertise when it is being given to him freely by NWC technical personnel?

We have no intention of stifling the intellectual interchange between our technical people and those outside the government. However, this can be conducted in such a way to protect the government's rights and the employee's rights while allowing the desired interchange to take place.

This can be done with a simple one-page agreement known as a "Proprietary and Nondisclosure Agreement." The Office of Counsel, Patent Division, will be happy to assist anyone in using or determining if it is appropriate to use this agreement.

The agreement basically says I, Mr. Contractor, acknowledge that I am receiving proprietary information from the government for the purpose of assisting me in performing under Project XYZ; and I will not use this information for any other purpose, or dis-

close it to any third party without permission from NWC.

The agreement is simple. It protects the rights of both parties and is no different from agreements our technical people may be asked to sign when they visit the contractor's plant.

It's your duty as a government employee to protect the information you receive or develop as part of your government duties.

This will not only allow the government to make more efficient use of its dwindling resources, but ensures appropriate rewards for the employees involved.

Again, if you are about to engage in such a data exchange with a non-government party, please call the Patent Division of the Code 006 at NWC ext. 1832 and seek guidance in this area of intellectual property.

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Future Sites:	November 3	Sun City Masonic Temple
	November 10	Temple City Adventist Church
	November 17	Palm Springs Convention Center
	November 24	Loma Linda School of Public Health
	January 12	Anaheim Resort Hotel
	January 19	Ontario Adventist Church

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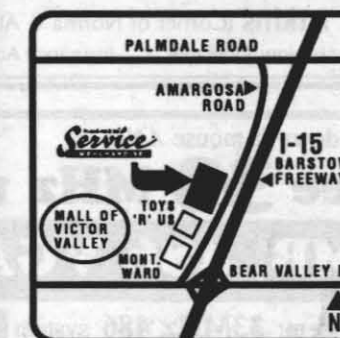
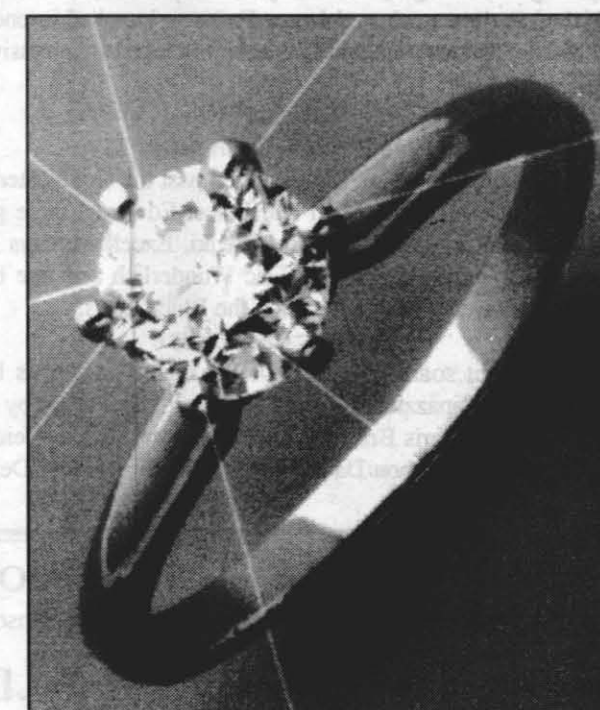
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Sports

Youth soccer league in third week of play

During their third weekend of play, members of the Naval Weapons Center Youth Soccer League showed marked improvement. Strategy and team work are becoming important aspects of each game.

Division I

Express 2, Aztecs 0

The Express shut out the Aztecs thanks to the superb play of Brett Spoons and Christy Schramm. William Johnson scored both goals in the win. Trevor Barney, Scott Bishop and Travis Froehner played well for the Aztecs.

Cobras 2, Stallions 1

Fast action by Phillip Madison and goals by Bryan Rilea and Nolan Toftner helped the Cobras edge past the Stallions. Kevin Spargo, Eric Way, Brandon Morgan and Jonathan Nova played a good game in the loss. Jonathan Sandourval scored the Stallions' only goal.

Division II

Stallions 6, Vipers 0

Four goals by Matthew Bloudek and one each by Gary Lee and Joseph Shermer gave the Stallions a commanding lead over the Vipers. Despite the loss, Jacob Nazeck, Michael Shefler and Jesse Fuaestas played a great game.

Whitecaps 2, Rockets 1

In an exciting match, the Whitecaps triumphed over the Rockets when Travis McGill and Griffin Edwards each kicked in a goal. Evan Kolstoe and Ryan Hennigan were credited with keeping the Rockets to one. Tyler Curran and Eric Richison stopped several Whitecaps' attempts at goal. Tony Kelly scored the Rockets' only goal.

Earthquakes 3, Sidewinders 1

Teamwork, great plays by Lloyd Daugherty, Michael Wessel, Koddie Tarpley and Patrick McDonald, plus goals by Tanya Egus, Merrick Rosenburg and Brett L'Homme-dieu resulted in a victory. The Sidewinders proved they were tough competitors with plays by Chris Taylor and

Brandon Gilchrist. Steven Godfrey scored the only goal in the loss.

Division III

Apollos 5, Hurricanes 2

The Apollos bypassed the Hurricanes with three goals by Sam Elson and two by Jose Tovar. Defensive moves by Levy Steinmetz and Erik Pockranat kept the Hurricanes to two. Efforts by Michael Godfrey, Shannon Parks and Donald Little, along with goals by Edward Quinn and Bobby Dawson, weren't enough to upset the Apollos.

Tornadoes 1, Hornets 0

A goal by Brian Haugen and great defense by Erik Rosenlof, Jonathan Brown and Michelle Lilly stung the Hornets. However, efforts by Eric Otto, Andy Smith and Jerome Webber kept the Hornets in the game.

Cougars 4, Hawkes 0

Defensive moves by Doug Bowman and Jay Beitness

(Continued on Page 16)

Hispanic role increasing for Navy, Marine Corps

Washington (NNS) -- Hispanic Heritage Month, observed from Sept. 15 through Oct. 15, is set aside to commemorate the Hispanic cultures of Central and South America, the Caribbean and Spain, as well as those of Mexico and the U.S. The following are Department of Defense (DoD) statistics regarding Hispanics in the military:

Total force: DoD 4.6 percent; Navy 5.6 percent, Army 4.1 percent, Air Force 3.5 percent and Marine Corps 6.8 percent.

Hispanic Officers: DoD 2.1 percent, Navy 2.4 percent; Army 1.0 percent, Air Force 2.0 percent and Marine Corps 2.4 percent.

Hispanic enlisted: DoD 5.0 percent, Navy 6.0 percent, Army 4.4 percent, Air Force 3.8 percent and Marine Corps 7.3 percent. (Figures are as of Oct. 1, 1990 from a GAO report dated Feb. 1, 1991.)

Hispanic Navy re-enlistment rates remain high with first termers at 48 percent and career at 81 percent. As of June

30, 1991, there were 204 Hispanic midshipmen enrolled at the Naval Academy. The Class of '91 commissioned 49 Hispanic ensigns.

As of July 1, 1991, 371 Hispanics were enrolled in the Naval Reserve Officers Training Corps (NROTC). As of June 30, 90 Hispanics had successfully completed the Broadened Opportunity for Officer Selection and Training (BOOST) Program. BOOST has enrolled 37 Hispanics since Jan. 1, 1991.



HISPANIC HERITAGE MONTH/SEPT. 15 - OCT. 15

IEEE videoconference scheduled Oct. 30

Software Testing And Reliability, the Institute of Electrical and Electronics Engineers, Incorporated's (IEEE's) videoconference, will be held on Wednesday, Oct. 30, at the Naval Weapons Center's Training Center. Registration will be held from 7 to 7:30 a.m., while a special introductory tutorial, *Software Testing And Reliability*, will be held from 7:30 to 8:30 a.m. Late registration will be held from 8:30 to 9 a.m., followed by the videoconference from 9 a.m. to 12 noon.

NWC employees interested in attending should submit NAVWPNCEN Form 12410/73, via departmental channels to Code 224. Code 224 must receive On-Center Training Requests no later than Oct. 18.

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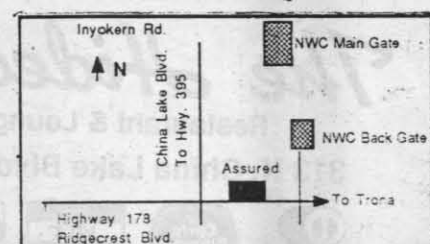
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Together we can create a point of light in Ridgecrest

The Ridgecrest Housing Corporation/Cimarron Gardens is trying to establish the "Are You OK?" program in Ridgecrest. This program provides a daily telephone security check for elderly and handicapped persons.

You can help by designating fund 1613 in the Combined Federal Campaign

Recycling: Grass clippings can be beneficial tool

Increasing the Center's recycling efforts, the Naval Weapons Center's Resources Management and Recycling Program functions of the Environmental Project Office, Public Works' Maintenance Division and Johnson Controls' Grounds Maintenance have teamed up to start Grasscycling.

Grasscycling is leaving grass clippings on the lawn to become fertilizer rather than bagging them for the landfill. Signs identifying the areas as being subjected to different aspects of the Grasscycling concept can be found at the old Community Center, the Seafarer Club and the housing quadrangle at 610 Blandy. In addition, changes in

fertilizer applications are being examined by NWC and the contractor.

If Grasscycling is successful, the Center will receive several possible benefits. In addition to receiving recycling credit for reduced loads to the landfill, the Center may also save on fertilization costs. A more efficient grounds maintenance program may also be developed for the next Base Operations Services contract and the Center may also enjoy a small savings in water utilization.

One common misconception is that grass clippings left to decompose are the cause of thatch, an undesirable condition found in

many lawns. However, proper and timely maintenance procedures will make clippings a minimal contributor in the formation of thatch. Thatch is composed primarily of crown and stem tissue, plus some root fragments. Clippings, on the other hand, contain valuable nutrients and water. Up to 90 percent of the grass leaf is water. The remainder breaks down rapidly into nitrogen, phos-

phorus, potassium and other elements. Studies have indicated up to 25 percent more nitrogen is required to produce comparable turf quality when clippings are removed.

Steve Cooper, a member of Resources Management, advises those trying Grasscycling on their own lawns to follow these rules. First, never cut more than one third of the grass leaf. Secondly,

mow often enough so the clipping is less than one half inch in length, the shorter clippings fall farther down into the remaining grass and also start to break down more quickly. Measurable nitrogen levels are apparent in less than two weeks. Extra long clippings, which lay on top of the turf, defeat all aspects of the Grasscycling Program.

From Code 008

SAME hosts Hal Bennett talk

Dr. Hal Bennett, of the Research Department's Physics Division at the Naval Weapons Center, will be the guest speaker for the Society of American Military Engineers' meeting set for Nov. 5. The topic of the talk is *Reclaiming Water by Means of Ultrasonic Treatment*. The meeting starts at 11:30 a.m. in the Seafarer's Club.

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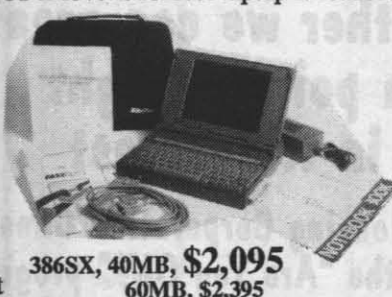
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NWC hearing technician helps military retirees

Thanks to the efforts of Hearing Conservation Technician Jo Reese of the Branch Medical Clinic, some military retirees who have been turned down for hearing aids by the Veterans Administration (VA) may now be eligible for them through another source.

Letterman Army Hospital in San Francisco received a grant to provide hearing aids to military retirees who meet certain hearing loss criteria. Reese made arrangements with Letterman to screen local retirees and schedule further testing at Letterman.

The hearing loss criteria to which Reese will be screening patients are less stringent than those that qualify retirees for hearing aids from the VA, so those who may have been turned down by that agency may still qualify under the new grant.

While the testing and the hearing aid itself will be at no cost to qualified retirees, traveling to San Francisco for up to three visits will be at their own expense. Since the hearing aids will be furnished by a government facility, recipients will qualify for free life-time replacement of batteries.

Since she is the only one at the clinic doing the screening, Reese asks retirees interested to call her directly at NWC ext. 2911 for an appointment, not through the regular appointment desk.

People should also be aware, she said, that the follow-up testing, approvals and fitting for the hearing aids, may take as long as six months after the patient passes the local screening.

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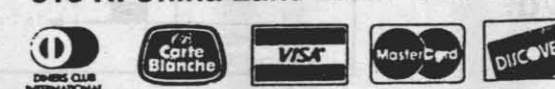
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Disbursing branch returns to old digs

The Disbursing Branch, Code 2855, will be returning to their newly refurbished office spaces, Rooms 1023 through 1030 in the

Headquarters building on Tuesday, Oct. 15. They have been housed in temporary space in Building 116 and wish to express

their thanks for the patience shown them during the rehabilitation project. Their phone number will remain NWC ext. 2116.

Computer Society, AIAA set meeting

Gene Guglielmo, of the Information Systems Group's Computer Visualization, Integration and Standards Branch will talk on "Natural Language Processing of Captions for Retrieving Multi-

Media Data," at an Oct. 15 joint meeting of the IEEE Computer Society and the American Institute of Aeronautics and Astronautics. This meeting is set for the NWC Seafarer's Club at 11:30.

The program is expected to last until about 1 p.m. Visitors are welcome and advance reservations are not required.

For information call Jim Serpanos at NWC. ext. 2619.

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