

Salvation Army program highly successful

Toni Boggs, Service Unit Coordinator for the Ridgecrest Salvation Army, reports that 267 families received Christmas Baskets in the Indian Wells Valley and Rand District. In these 267 families there were 329 adults and 380 children. Forty percent of the baskets were delivered to senior citizens or disabled citizens.

Community support included 16 churches, 13 businesses, 10 NWC codes, 17 youth-related groups, 19 service or fraternal groups, and 15 private donors.

Special thanks is expressed by the Salvation Army for the Marine Corps Liaison Office at China Lake for assuming responsibility for the toy drive.

Mrs. Boggs notes that "The enthusiasm for the project was obvious." She also adds appreciation for those organizations that provided collection points, and for the assistance of all organizations and donors who helped to ensure that youngsters would have a happy Christmas.

In addition to the Holiday Basket program, the local Salvation Army

Service Unit provides emergency financial assistance to those in need throughout the year. In 1987, 2982 meals were provided from the Food Cupboard; 70 residents were assisted with shelter, 54 with utilities, and 41 with medical/dental/optical needs; and limited assistance went to 72 transients.

The local Service Unit also serves

as liaison to such statewide Salvation Army services as disaster relief (including burn-outs - last year five local burn-outs occurred and Salvation Army helped the 20 people involved), missing persons bureau, men's alcohol rehabilitation, homes for unwed mothers.

The unit is funded by the United Way and private donations.

Parents Night Out plans

Parents Night Out is a new feature for military parents and civilian members of the All Faith Chapel. This program will allow parents to have their children cared for on Friday evenings for three hours at minimal cost.

Children from six months old to 10 years old will be cared for at the

Chapel nursery, 1903 Mitscher, by experienced adult attendants.

Included in the evening is one hour of Christian instruction to the children through story time, music, crafts, video and by other means.

Fees for military parents are \$6 per child per month or \$2 a night. For

civilian members of the All Faith Chapel the cost is \$8 per child per month or \$2.50 per night.

Registration and payment is required no later than Thursday of each week and may be made at the chapel office. Call NWC ext. 2873 for more information.

Community Events

"Pride Day Clean-Up" will be sponsored this year by the Desert Planters of Ridgecrest since litter control is one of the projects of the National Council of State and California Garden Clubs, Inc. Volunteers, both organizations and individuals, are being sought to help in the clean-up effort, which will begin at 8 a.m. on Saturday, Jan. 16.

Those wishing to take part are asked either to pre-register with Chairman Bernice Butler, 375-9576, or to come to the County Building, 400 North China Lake Boulevard at 7:45 a.m. on the morning of the 16th. They will be issued trash bags and assigned an area for clean-up (if they have not previously selected a site).

The Committee will recognize everyone who calls to report a clean-up area; those registered with the Chairman will be issued a 25th Anniversary Certificate by the Desert Planters.

Petroglyph Making will be the topic for tomorrow afternoon's Saturday Adventure lecture at the Maturango Museum in Ridgecrest. At 3 p.m. Bill Doud will talk about petroglyphs - Indian rock paintings - and then will demonstrate how he makes miniature rock paintings.

For those who are not museum members, cost for attending the lecture will be \$1 for adults and 50 cents for children aged 6 through 17. Museum members are admitted free.

Everyone interested in the *History of the Indian Wells Valley* is invited to attend a free lecture at the Maturango Museum on Tuesday (Jan. 12) at 7:30 p.m. at the museum, 100 E. Las Flores Avenue in Ridgecrest.

Museum docents will use slides to show the IWW during the 1800s, construction of the Los Angeles aqueduct, "then and now" pictures of the Rand and Darwin areas and the history of Ridgecrest and other settlements in the valley.

The program also includes a hands-on opportunity to examine some of the many items used by early settlers, miners and ranchers and their families.

Effective tomorrow, Jan. 9, the NWC's Youth Center will have different hours. The center will be open 1:30 p.m. to 5:30 p.m.

This change will remain in effect until March 5.

Health evaluation

Annual local Health and Risk Evaluation program of Loma Linda Center for Health Promotion will be held on Sunday, Jan. 24, at the Ridgecrest Seventh-Day Adventist Church, 555 Las Flores Avenue in Ridgecrest.

The program features a resting electrocardiogram, treadmill exercise stress test, blood pressure check, lung function test, 24-component blood chemistry analysis with an eight-component cell profile, explanation of results, and lifestyle counseling. Also available are colon cancer screening, body fat percentage measurement, and computerized health

analysis.

Preregistration is necessary for the program. For more information and a testing appointment telephone 1-800-824-4949. The fee for the program is discounted for people on Medicare.

The Health and Risk Evaluation program is an ideal way to obtain clearance for an exercise program. It provides a baseline from which improvements may be made. Over 2,000 people go through this program yearly to enhance their health and prevent disease.

Movies

FRI.	"BACK TO THE BEACH"	JAN. 8
	Starring Frankie Avalon and Annette Funicello (Comedy, rated PG, 92 min.)	
SAT.	"STAKEOUT"	JAN. 9
	Starring Richard Dreyfuss and Emilio Estevez (Action Comedy, rated R, 117 min.)	
SUN.	"LADY & THE TRAMP"	JAN. 10
	(Animated, rated G, 76 min.)	
WED.	"WITCHBOARD"	JAN. 13
	Starring Todd Allen and Tawny Kitaen (Horror, rated R, 98 min.)	
FRI.	"SUMMER SCHOOL"	JAN. 15
	Starring Mark Harmon and Kirstie Alley (Comedy, rated PG-13, 98 min.)	

Starting Times: Matinee / 2 pm Evening / 7 pm

PGI ALL AGES ADMITTED
General Audiences

PGI ALL AGES ADMITTED
Parental Guidance Suggested

R (RESTRICTED)
Under 17 Requires Accompanying Parent or Adult Guardian

Weather Report

	Max	Min	Peak Gusts	Precip
Thurs.	49	17	05 knots	.00
Fri.	--	--	-- knots	--
Sat.	--	--	-- knots	--
Sun.	50	31	05 knots	.00
Mon.	53	31	05 knots	.02
Tues.	49	37	11 knots	.27
Wed.	56	28	06 knots	.00

All measurements are made at Armitage Airfield.

Motorcycle regs

Both military and civilians on the Center are required to wear certain safety equipment while riding motorcycles aboard the Naval Weapons Center.

OPNAVINST 5100.12C mandates all motorcyclists, and their passengers, wear the following safety equipment while operating a motorcycle on a Navy installation.

"A properly fastened (under the chin) protective helmet that meets U. S. Department of Transportation

standards, with a face shield attached to the helmet.

- Long trousers.
- Leather gloves.
- Leather boots or shoes with hard soles and heels.

China Lake Police have begun to stop and warn violators.

Beginning on Feb. 1, violators will be issued administrative citations to appear in NAVWPNCEN Traffic Court.

Weather roundup

"This winter is far from over," said John Gibson, China Lake's weather forecaster for the Naval Oceanography Command Detachment, earlier this week. "So far in the weather year (July 1 to June 30), we've had 3.03 inches of precipitation and I think, with January and February normally the months in which we get the heaviest rains, that we'll end up with a total

from 5 to 8 inches by the end of June."

He points out that December's normal rainfall is only a half inch, but last month brought three days in which some snow fell and five days of rain.

December 1987 was also cold, with three mornings on which the temperature fell to a chilly 17 degrees.

Drill team wins praise
for parade showing—P-3

CNO talks about Navy's
plans and hopes—P-6

NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLIII, No. 1/January 8, 1988

Move by EMPF does not change its mission

When the Electronics Manufacturing Productivity Facility moved from the Naval Weapons Center's Engineering Department to become an attached activity of the Naval Industrial Resource Support Activity early this fall, its mission didn't change. Harold Peacock, EMPF director, said it was really just a reporting and finance change.

The EMPF was established as part of NWC's Engineering Department in 1984 to work with industry, primarily the electronics industry serving the Department of Defense, as a catalyst

in improving manufacturing methods and techniques for the industry and DOD.

Peacock said the program instilled a kind of discipline among electronics workers to see if new techniques could make a difference in manufacturing. The effort was supported by the private sector with various manufacturers lending, or giving, at no cost, equipment and materials to be used at the EMPF with specific processes and process controls in place.

"We try to understand the process and use the equipment for that particu-

lar manufacturing process," noted Peacock. "We can work to demonstrate improved processes leading to improved yield and reliability," he added in talking about the EMPF.

After nearly three years as part of NWC, a decision had to be made on the future of EMPF. The Navy wanted to continue to provide a facility to work with the electronics industry, but concluded the research, development, test and evaluation funding through NWC may not have been the appropriate way to support the function.

(Continued on Page 3)



Enhanced HLCS testing capability wins salute

Five individuals pooled their efforts to give the High Speed Anti-Radiation Missile (HARM) Low Cost Seeker (HLCS) hardware-in-the-loop (HWIL) testing capability for the first time. This achievement

brought the NWC Technical Director's Award to Harvey Nelson, Douglas Cole, Thomas Reese, John Schmieder and Charles Bengston.

In presenting the awards, Gerry Schiefer, NWC Technical Director,

said this new capability has helped right now and will be a long term benefit as well.

The successful testing of HLCS in the hardware-in-the-loop simulation culminates two years of intense effort

to produce a realistic test environment for the seeker. The letter of nomination, notes "Closed-loop operation with HARM is a major milestone for the HLCS program and forms the baseline to begin HWIL

testing with HLCS. Although many people provided inputs and support during the design and development of this test capability, the amount and quality of effort given by these five individuals has been tremendous over the past two years."

Nelson, from the Weapons Department's RF Missile Systems Branch, the project engineer for developing test capability, was "responsible for pulling all this together," noted Schiefer as he made the presentation. "He wrote hundreds of lines of code to simulate HLCS and HARM. . . . He did a phenomenal job in coordinating the tests of others. . . and has maintained excellent communication during the development process.

Cole, Schmieder and Reese all work in the Weapons Department's Weapons Control Branch.

"It was really good work," said Schiefer of Cole's work to build, test and install in instrumentation unit to evaluate HLCS and HARM seekers prior to simulation.

Schiefer told Schmieder he had had a significant role in the project. Schmieder was responsible for design, development and testing of hardware and software for seeker telemetry functions.

Reese, unable to be present for the presentation, was cited in the nomination letter for his design for the avionics/control section interface. He also "designed, built and installed a seeker simulator in the HWIL which can be used when actual seekers are

(Continued on Page 3)



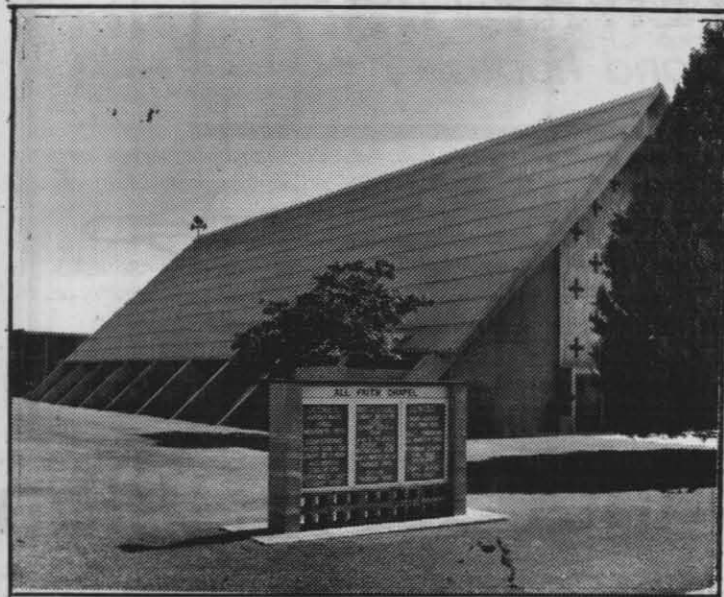
AWARD WINNERS—Harvey Nelson, John Schmieder and Douglas Cole are flanked by Gerry Schiefer, NWC Technical Director, and Capt. John Burt, NWC Commander, after being presented the Technical Director's

Award for their efforts in giving the HARM Low Cost Seeker hardware-in-the-loop testing capability for the first time. Not present for the photograph were Thomas Reese and Charles Bengston, who shared in the award.

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Nightly after 9 p.m.



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Divine Services

Protestant

Sunday Worship Service 10:30 a.m.
 Sunday School (September thru June) 9:00 a.m.
 Bible Study (East Wing)

Wednesday 11:30 a.m. (September thru June)
 Thursday 6:15 a.m. Men's Prayer Breakfast
 7:00 p.m. Officer's Christian Fellowship
 Christian Military Fellowship

Islamic

Jumaa Prayer (Friday in Annex 4) 12:00 p.m.

Roman Catholic

Sunday Mass 9:00 a.m.
 Communion Service (Monday) 11:35 a.m.
 Daily Mass (Tuesday thru Friday) 11:35 a.m.
 Confession (Friday) 4:30-5:00 p.m.
 Confession (Sunday) 8:15-8:45 a.m.
 Religious Education Classes (Sunday) 10:30 a.m.
 (September thru May)

Jewish

Weekly Services (Friday - East Wing) 7:30 p.m.
 Adult Hebrew Lessons (Saturday in Annex 4) 9:00-10:00 a.m.
 Sabbath School (Annex 4) 1:00-4:00 p.m.

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NWC Rocketeer

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NWC's Wellness Corner

What were your New Year's resolutions? Is this the year to make all of those lifestyle changes: to get "in shape," to adopt a new nutritional regime, to take control of your time and your life?

On Jan. 22, Dr. Elizabeth A. Downing, Ph.D., will present a lecture, *Realistic Lifestyle Changes*, at Mich Lab, Room 1000D, from 9 to 10 a.m. Dr. Downing will discuss how to go about making lifestyle changes and what are some realistic expecta-

tions and goals. Dr. Downing serves as the Wellness Coordinator and as an adjunct faculty member of the Federal Executive Institute in Charlottesville, Virginia. In addition to managing the health and fitness program at the Institute, she teaches a week-long course on *Managing Health Through Planning and Prevention*.

Betsy received a bachelor's degree in sociology and psychology from Miami University in Oxford, Ohio, in

1968, and a master's degree in urban education from Simmons College in Boston in 1972. She completed her doctorate in sport psychology and health promotion at the University of Virginia, concentrating her studies on nutrition, motivation, exercise and the relationships of these to stress. Plan to attend Betsy's lecture and get a great start on the new year.

By Betty Miller

NWC Wellness Coordinator

Space heaters dangerous

As the weather gets colder and energy costs increase, many individuals are seeking alternative sources of heat. One source on the market today is the unvented portable kerosene space heater. Leon M. Hebertson, M.D., Director of Public Health Services for Kern County, cautions Kern

County residents to be aware of the law and the hazards associated with the misuse of these heaters.

California law prohibits the sale of these heaters for use inside the home. They are designed for workshops, garages, warehouses and other well-ventilated areas. Kerosene heaters

produce carbon monoxide which is a tasteless, odorless, invisible and deadly gas. When used in an enclosed room, carbon monoxide can rapidly increase to dangerous levels.

Exposure to carbon monoxide can cause headaches, nausea, shortness of breath, unconsciousness and death by suffocation.

Kerosene, when it has been stored for long periods of time, has a tendency to break down and become a less efficient fuel, thereby producing more of the deadly carbon monoxide gas when burned. When combustible materials are mixed with fuel, kerosene space heater fires can occur resulting in property damage or bodily injury.

"By law, a kerosene space heater or any unvented heater is not designed for indoor, residential use. It is important to use them correctly," stated Dr. Hebertson.

For more information about unvented heaters, contact the Kern County Health Department, Environmental Health Division at (805) 861-3636.

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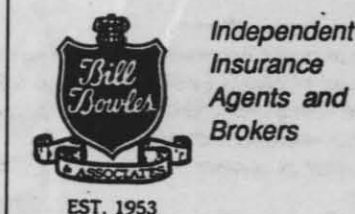
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Warning

According to Dr. Leon M. Hebertson, Director of Public Health Services for Kern County, the Food and Drug Administration alerted the American public to a Canadian advisory not to consume raw or cooked mussels, oysters and clams from Atlantic Canada.

Shrimp, lobster and prawns are not included in the advisory.



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CALL FOR APPOINTMENT to see this beautifully landscaped, 1680 sq. ft., 28 x 60, 1986 mobile home in park. Many extras. asking only, \$47,900. 446-3354

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CASH FOR YOUR trust deeds. 1st or 2nd anywhere in U.S.A. Free quotes. Call Jim, 375-1428

CASH For notes secured by trust deeds. Private party. (619) 873-7610.

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1 BEDROOM with extra room, enclosed patio, near Albertsons, water & trash paid, \$330 a month plus \$300 security. 375-3656 or 375-3112.

2 BEDROOM, 1 bath apartment. Dishwasher, refrigerator, stove, washer/dryer hook-ups. Quiet neighborhood. 375-5848.

2 BEDROOM APARTMENT, dishwasher, refrigerator, stove, large living room, water, trash & pest control paid, \$385 a month & \$485 security deposit. Call Donna, 375-5945.

3 BEDROOM, 2 bath, garage, fireplace, \$525 a month plus security. 375-7138 or 375-4497.

4 PLEX, 4 new units, ready Dec. 1st, 1319 El Prado, Apt. B. 446-4079.

AVAILABLE 1 February, 2 bedroom, 1 bath, washer & dryer, refrigerator, 2 car garage with electric opener, fireplace, fenced yard, water & trash paid, \$450 month plus security deposit. Call 375-9003 or 375-5219.

NEW LARGE one bedroom apartment, \$360 plus deposit. Water and trash paid. Stove, refrigerator and space for washer/dryer. Call 375-8706.

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DELUXE 3 BEDROOM, 2 bath, mini blinds, dishwasher, fenced yard, garage, hook up for washer & dryer, garbage disposal, range, refrigerator, water & trash paid, only 8 months old, \$595 a month, first & security deposit. Call 375-5233 or 446-7422.

430 Duplex For Rent

AVAILABLE 1 February, 2 bedroom, 1 bath, washer & dryer, refrigerator, 2 car garage with electric opener, fireplace, fenced yard, water & trash paid, \$450 month plus security deposit. Call 375-9003 or 375-5219.

441 House for Rent Unfurnished

1 BEDROOM HOUSE. 375-3419 or 375-3119.

3 BEDROOM, 2 Bath, fenced yard, 2 car garage, fireplace, \$750 a month. Call 446-4952.

3 BEDROOM HOUSE, stove, refrigerator, washer hook up, covered patio, fenced yard, water & trash paid, \$500 a month plus \$500 security. 375-3656 or 375-3112.

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4 SEASONS VACATION REFERRALS, Lake Tahoe & Hawaii, owner direct, no fee. 800-832-1414.

449 Space for Rent

5000 SQUARE Feet building for lease, terms negotiable. Phone 375-7727, ask for Roger.

EXECUTIVE SUITES and professional offices. 375-6882.

TRAVEL TRAILER space, Mobile Home space, close to all shopping, 210 W. Haloid. 375-5954.

461 Mobiles for Rent

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3 BEDROOM HOUSE, 1 1/2 bath mobile home. 375-3419 or 375-3119.

TRAVEL TRAILER Space, mobile home space, close to all shopping, 210 W. Haloid. 375-5954.

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469 Motorcycles

1974 Honda Elsom ATC 250. Excellent condition, very fast \$550 or best offer. 446-6912 after 6.

1976 KAWASAKI KZ-400, less than 9000 miles, \$300 or best offer. Call 446-3118.

1981 HONDA XR80, good condition and runs great. \$400 or best offer. 377-1932 after 3 p.m.

1982 KDX175, good condition, \$350 or best offer. Call 446-5060.

1982 YAMAHA YZ490 dirt bike. Excellent condition. \$550 or best offer. 446-6257.

1983 YAMAHA XT200, excellent condition, no dents, no repairs, 1900 original miles, \$900. 375-4405, ask for Mike, 8 a.m.-6 p.m., Monday-Friday.

1986 KAWASAKI 750 Vulcan, only 3,000 miles, perfect condition, asking \$2,800. 446-6946.

1987 HONDA CR 125, \$1,200; 1987 Suzuki RM 250, \$1,500. Jeff, 375-7298.

1987 SUZUKI QUAD 80, real clean, \$800 firm. Call 446-6438.

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1961 FORD Motorhome, good motor, rebuilt transmission, new desert cooler radiator, toilet, stove, oven, refrig., top & lower bed, back porch with sliding glass door, \$2,500. 446-4214.

1975 AUTOMATE Travel Trailer, 27 1/2 ft. long, fully self contained, \$5,000. Call 375-4304 or 375-5133.

FOR SALE: 1976 Terry 27 ft. travel trailer, self-contained, roof air, 20 ft. awning, new tires, jacks all around, TV antenna, 2 outlets, double bed in rear, Xint. shape. 375-2444.

SMALL MOBILE Home with 1 bedroom, new carpet and new hot water heater, \$7,500 includes setting up. 375-6002.

473 Motorhomes & Campers

1977 30 ft. Holiday Rambler travel trailer, loaded, \$7500. After 5 p.m. 375-8553.

485 Autos for Sale

1973 VOLVO 164E, AC, PS, PB, AM-FM cassette. Immaculate, \$1800. 446-3263.

1975 PLYMOUTH Fury, needs tune-up and some body work, runs good, asking \$300 or best offer. 446-6138.

1977 DODGE Magnon XE, \$250 or best offer. Call evenings at 446-3762.

1979 CHEVROLET Malibu Classic, excellent condition, \$1,850. Call 375-5511.

1981 DATSUN 200SX, low miles, good condition, \$3,500 or best offer. 375-5946.

1981 OLDSMOBILE Omega, 4 door, good condition, 25 mpg, \$2,000. Call 375-9648 after 5:00 p.m.

1984 LINCOLN TOWN Car, 302 engine, asking \$9,800. Call 375-9140.

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1986 4x4 S10 Blazer, all extras. \$12,500. Days 375-7875. Evenings 375-9290.

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1967 FORD VAN - runs, needs tune-up, \$850 obo. 375-8298.

1970 3/4 ton Ford, \$1200 or best offer. 375-1932.

1972 1/2 TON 4 x 4 Pick Up, in good condition, \$2,700 or best offer. Call 375-3181 evenings or weekends.

1974 CHEVY LUV, needs clutch work, \$600. Call 446-5060.

1982 GMC 3/4 ton pick-up, fully equipped for 5th wheel trailing, including utility body & 2 speed axle. Excellent condition, \$7,500. 446-2205.

1985 BRONCO, 6 cylinder, 4 speed, AC, PS, PB, extras. \$10,500. 375-1656.

1987 MAZDA pick-up SE-5, excellent condition, \$7000 or best offer. 375-5946.

493 Four Wheel Drive

1977 CHEVY Blazer, 4 x 4, auto, power steering & brakes, air condition, 350 V-8, am/fm cassette, low miles, \$3,000. 446-4821.

1984 TOYOTA TERCEL 4x4 wagon, Am/Fm cassette. Great ski car. \$4300. 446-2348.

1986 4x4 S10 Blazer, all extras. \$12,500. Days 375-7875. Evenings 375-9290.

1984 TOYOTA TERCEL 4x4 wagon, Am/Fm cassette. Great ski car. \$4300. 446-2348.

1986 4x4 S10 Blazer, all extras. \$12,500. Days 375-7875. Evenings 375-9290.

305 Business

CLEANING SERVICE. Angie's here to keep it clean, what do I mean? Home, Office, New construction and anything in between. Top-to-bottom, organized, sparkling clean. Just what you need! Call 375-6432.

BULLDOG TAX SERVICE. File early, by appointment or mail. Call 372-4967.

Linda's Chateau of Silks, 619 W. Ridgecrest Blvd., Suite A. 375-6979. Flowers, plants, trees.

THE FRAMERY, Quality Custom Art & Picture Framing, Metal & Wood Frames, Custom Mat cutting. 446-3236.

313 Personals

HEY KIDS! Hear a free bible story. Call 375-5381. Story changes every Friday.

REWARD!

For information leading to the arrest and conviction of the person who slashed the tires of a 1976 Lincoln Mark IV parked in front of the Clothehome on the night of December 11 at about 7 p.m. Call Detective Watson at the Ridgecrest Police Department. 375-5044.

317 Professional

CAL STATE MAINTENANCE & Repair. Free estimates. 375-0707. All phases: roofing, floors, electrical termite, dry-rot, plumbing, concrete tile. Veterans & seniors citizen discount.

EXPECT PRUNING, 25 years experience, free estimates. For careful work, call Victor at 375-8775.

HEY EVERYBODY! Carpets dirty, full of soil? Let Red Carpet and your toll. We're pros when it comes to learn or steam. We'll make your carpets look like a dream. \$10 a room (minimum of 5 rooms). Slightly higher for less rooms. 375-3520.

RAQUETBALL RAQUETS Restrung! Call 446-4700 or stop by Sports Oasis.

TREE TRIMMING, topping and removal, stump removing, Lic. & Ins. Free estimates. 375-7913.

321 Building, Contracting

KRIS'S HOME MAINTENANCE & repair. Patio covers, decks, general repairs. FREE estimates. 375-1403

325 General Services

WE DO: Windows, carpet cleaning, painting inside & out, reasonable rates. 375-1266. No job too small.

325 General Services

CUSTOM SEWING, and alterations. Call for an appointment. 446-5983

FLORES BROS. TREE SERVICES and general gardening. Topping trees, hauling trash & sprinkler repairs. Call Miguel Flores at 446-5228 anytime.

HANDYMAN, COOLERS, repairs, emergencies, electric, plumbing, walkways, clean-ups, etc. C. L. Maintenance. 375-7826.

HANDYMAN - 30 years experience. No job too small! Free estimates! Senior discount! Carpentry & painting, light plumbing & electrical, drywall & roof patching. All repairs guaranteed. 377-5421 or 377-5581.

IT'S PARTY TIME and C&C Productions will provide DJ services for any occasion, dances, wedding reception, parties, etc. Call Darren at 377-4304 or 377-4961.

MAKE OLD Floors look new, professional stripping and waxing, free estimates. Call 372-4976, ask for Jerry.

NEED A BABY Shower Gift? Let Mary's Software make your custom baby accessories. Quality work at reasonable prices. 375-3383.

RETIRED MAN would like to do yard & garage cleaning, and light hauling. 377-5581, ask for Andy.

ROOM ADDITIONS & remodeling. 20 years experience. All work guaranteed. 375-9414

SPECIALTY WOODWORKING & cabinets. Kent Birch. 375-3200.

TRACTOR and dump truck work, clean fill dirt, good rates. 375-4651.

333 Help Wanted

GOOD WITH PEOPLE? Put your talent to work! Earn \$\$\$ with AVON. Call Mrs. Walters, 375-4688.

337 Work Wanted

CHILD CARE in my home, ages 1 through 2, references. 375-6809.

CHILD CARE. Openings for two toddlers and two children for after school care starting Jan. 18. Activities, crafts, snacks, and lunch provided. Unlicensed. 375-9065.

353 Miscellaneous For Sale

COMMODORE 128 coputer and 1541 disk drive. Like new, \$325. 446-2407.

353 Miscellaneous For Sale

1 SET TIRE Chains, fits Toyota van tires, \$20 or best offer. Call 446-3118.

\$35 AND UP, used doors, fenders or hoods. Pearson's Auto Part & Wrecking on Hwy. 395. 377-4585.

6' SIXPAC CAMPER for standard pickup, \$235. 446-2348.

ALMOST NEW 5 piece drum set, \$450. Call Dottie, 446-7530 after 6:00 p.m.

ALUMINUM mag wheels for sale, 4 lug, \$300 or best offer. 446-4768.

APPLE MONITOR, anti-surge module, Epson Homewriter printer. Extra cables etc. Take all for \$250. Call Dick at 375-4471.

BASS FOR SALE!

Memphis bass, excellent condition! New strings, great for beginner, would definitely work for the intermediate to expert players. Includes bass, case, and cord. Must see! \$275 or best offer. Call Pat, 375-3185.

BROWN, BEIGE & gray sofa, good condition, \$80. Sansui stereo rack cabinet, \$50. 446-7044 after 4:30.

COMPLETE AJAY Weight lifting bench set, \$50, like new, hardly used. Call 375-7475 after 6 p.m.

COMPUTER, IBM compatible, 640K ram, two 360K drives, color, graphics, \$750; color monitor and TV \$300 (with computer). 446-3292.

COMPUTER CABLE, 6 foot, Apple IIE 11 plus, E parrallel Smith Corona, stock number 17939, \$12 or best offer. Call 446-3118.

ELECTRIC DRYER, \$100; King size bed with electric blanket and bedding, \$100. 446-2321.

FIREWOOD-pine/fir mixed, \$125 cord delivered. H&L Fuelwood. 375-5277 or 377-4414.

FIREWOOD FOR SALE, lodge pole & pine, \$110 a cord. Split & delivered. Free stacking for senior citizens. 372-4875.

FIREWOOD, SPLIT & delivered, \$115 per cord; \$110, 2 cords or more. Free stacking to senior citizens. 372-4733 or 446-4036 leave message.

353 Miscellaneous For Sale

FOR SALE, Jenny Lind cradle, good condition, \$75; Baby changing table, \$25. Must Sell! 446-4218.

Have an item for sale? Give us a call and ask about our "Guaranteed Results" program. Rocketeer Advertising Department. 375-8808.

LARGE STOCK of new fuel pumps, water pumps and Goodyear hoses and belts. Pearson's Auto Parts in Pearsonville. 377-4585.

LOST A HUB Cap or need a set, head for Pearsonville, Hub Cap Capitol of the World. 377-4585.

MAC INTOSH 512, extra disk drive and printer, \$1,000 firm. 377-5015 after 5 p.m.

NEW VW BUG windshield, \$39.95 and up. Pearson's Auto Parts in Pearsonville. 377-4585.

SAVE \$\$\$ on auto parts, hub caps & windshields. Pearsons Auto Parts & Wrecking, Hwy. 395, Pearsonville. 377-4585.

SECTION HONDA 3KW Generator, re-coil start, practically new, \$650. 446-2205.

UPRIGHT HAMMOND piano, in good shape, \$400. 374-2338.

WANTED, DINING Room table, will come pick up at your request. Call Darrin at 375-8808.

WANT TO SELL that old bike behind the garage? Let the Rocketeer Advertising Dept. do the selling! Find out about our "Guaranteed Results" program. Call 375-8808.

WE BUY AND SELL
• Silver Coins • Gold Coins
• Silver Bags • Bullion
• Krands, etc.

Collections and estates bought and appraised. Serving the IWW since 1977. Bodie Coin Co., 446-4600.

WILHORN & SON Firewood sale, now have almond, pine & fir by the cord. 377-4465

WOODEN CRADLE, 2 car seats (new-born to 40 lbs.), 3 infant seats, twin stroller, baby bath tub, 2 Disney bath seats with mats, wind up swing, Playtex bottles (never used) with plastic liners, diapers - mixed sizes, new case of premature diapers (180 diapers), misc. clothes (newborn to 9 months). Call Dawn at 375-4173.

353 Pets

AKC GERMAN Short Hair Pointer puppies, \$125 each. 375-0378.

FREE to good home, 9 month old lab mix, spaded. Only stands knee high. Moving so must go. 446-4997 anytime.

GREAT DANE Puppies for sale, \$75. Call 377-4857.

MUST SELL! Guinea pigs with cages. 375-7470 after 2:00 p.m., before 8:00 p.m.

NEW YEAR'S sale -AKC black Cocker Spaniel puppy, \$100. 375-7746.

361 Wanted to Buy

CASH PAID for these cars, running or not! Austin Healy 100-4, 100-6, 3000 or Bugeye, Jaguar XK, XKE, Triumph TR-2 thru 6 slag, MGTD, MGA, MGC, all Mercedes convertibles or other exotic autos. (619) 379-5378.

WANTED: Baseball cards and comics, old & new, singles or collections, 375-7092.

373 Lots and Acreage

CITY VIEW, 5 acres, water & lights available. Quiet, secluded, southeast area. 373-5848. (2-5 acres).

LIVE BY Lake Isabella, South Shore Ranch Estates, 2 1/2 acre parcels-limited home subdivision. All underground utilities, county maintained roads. Excellent view of lake and mountains. Starts at \$45,000. Financing available. (619)378-2747 or (619)379-2655.

377 Homes for Sale

DEETER, NEWLY decorated, 3 bedroom, 2 baths, utility off kitchen, formal dining room, vaulted ceilings in large master bedroom, living room and large pine board walled family room with fireplace, covered patio, paved RV side yard, large private backyard, block wall, landscaped, many trees, sprinklers, 2 car garage, \$114,950. Call 446-2708.

JUST BUILT, 329 Lenore, 3 bedroom, 1 1/2 bath, extra large living room, fireplace, utility room, large kitchen and dining, built in stove, dishwasher, garbage disposal, 12 x 24 covered patio, RV access, front landscaped and sprinklers, wall to wall carpet, 2 car garage, electric garage door opener, FHA \$76,000. Call 375-9472.



The Skipper Sez...

QUESTION

Civilian employee—I would like to report a hazardous traffic situation that exists at the Knox gate. In the morning, northbound traffic stops just inside of the gate to let students off for the high school. It is particularly hazardous for bicyclists because we have to pull out into the line of traffic since there is no place for the cars to pull over out there. Also, there are students who are walking southbound on the road just prior to the Knox gate. It has no sidewalk, and there again, bicyclists have to go out into traffic to get around them. I have discussed this with the gate guard and I was told there is nothing they can do about it. So, I was wondering if you could look into it. Thank you very much.

ANSWER

Thank you for bringing this to my attention. This particular area has been a problem for some time and we hope to have the traffic situation there resolved in the near future.

The areas you seem to be concerned with are bicyclists being affected by 1) northbound vehicles attempting to let off students for Burroughs High School after passing the guard building, and 2) pedestrians walking along the east side of Knox Road north of the guard building.

On your first concern, the width of Knox Road from just south of Burroughs Avenue to its connection with French Street is inadequate to allow vehicles to pick up or drop off pedestrians and still allow for adequate traffic flow. For this reason, signs will be installed indicating a no loading zone in this area. Parents wishing to drop students off for Burroughs High School should do so either on French Street or Burroughs Avenue, both of which have the width necessary to accommodate the loading or unloading of pedestrians.

Concerning the pedestrians on Knox Road, California law requires that a pedestrian walk facing traffic as close to the left edge of the roadway as possible when no sidewalk is available. In this instance, a sidewalk is available on the west side of Knox Road. Parents should advise their children to utilize this sidewalk, crossing Knox Road at the crosswalk by the guard building, thereby minimizing their exposure to traffic. Finally, bicyclists are subject to and protected by the same laws that effect motor vehicles. When bicyclists are confronted with an obstacle in their path they should either stop until the obstacle is clear of their path or signal their intent and move to the left, into the traffic lane, until clear of the obstacle at which time they should move back to the right edge of the roadway.

Until such time as a permanent fix can be obtained at this area of Knox Road, it is requested that all personnel, be they bicyclist, pedestrian or motor vehicle operator, keep a sharp eye out for each other. We must all live together, so whatever you do, please do it safely.

All China Lakers, including military personnel, civilian employees and their dependents, are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. John Burt. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-of-command channels.

Thanks expressed

(The following letter from the Lone Pine Chamber of Commerce was received by Capt. John Burt, who would like to share it with all those on board.)

Dear Captain Burt:

At several Christmas and Easter parades here in Lone Pine China Lake has sent a Color Guard and they have taken first place every time. Each one of the young men who have participated in these parades have displayed professionalism, warmth and friendship that has been felt by everyone who has come in contact with them. They are definitely an asset to the U. S. Navy.

On December 5th we had our Christmas parade and China Lake's Color Guard took first place again. I have enclosed a copy of a newspaper article covering the parade. The young men are AKAN Mark Dube, ASM3 Michael Palmer, PRAN Franklin Hill and AMSAN Mason Harris. After the parade we provided a meal for them at the High Country Inn. When they left, their waitress, a new woman in town, commented how nice it was to be around such a nice group of people.

I want you to know how much we appreciate these young men and how proud we are of them.

Sincerely,
Mary E. Sinclair, Mgr.

Amateur astronomer dies

Contributions to the Astronomical Society of the Pacific are being accepted by the Materials Engineering Branch of the Engineering Department on behalf of long-time China Laker James McMahon, who died unexpectedly on Dec. 21.

McMahon had gained international renown as an amateur astronomer when he made the first confirmed sighting of a satellite of an asteroid - a minor planet - in 1978. His work was confirmed through observations made at the same time by Dr. Edward Bowell, a professional astronomer at the Lowell Observatory at Flagstaff, Arizona.

Both men made their observations as they were gathering data to determine the size of the asteroid Heracles; their precise measurements established that the asteroid had a tiny

moon.

McMahon's observations were made with his 4-inch aperture Newtonian telescope, while Dr. Bowell used a 42-inch aperture telescope with a recording photometer.

For this achievement, McMahon received the Amateur Achievement Award of the Astronomical Society of the Pacific in 1979.

A graduate of the Montana School of Mines in 1942 as a metallurgical engineer was followed by additional graduate work at Lehigh University and the University of Chicago, where as a graduate assistant he worked on various phases of the atomic bomb from 1943-46. He then was a physical metallurgy instructor and research associate at the Massachusetts Institute of Technology until 1950.

He had worked for the Navy at the

NOTS Pasadena Annex before moving to China Lake in 1954, where he eventually became the senior metallurgical engineer.

His passion for astronomy led McMahon to being one of the original members of the China Lake Astronomical Society. He has been active with that group ever since. Many China Lakers knew McMahon through the "star parties" held by CLAS during which interested people of all ages were introduced to the skies.

Anyone wishing to make a contribution in McMahon's name to either the the Astronomical Society of the Pacific or the American Lung Association may do so by contacting Code 3624, Room 1058 in Michelson Laboratory. Further information can be obtained by telephoning NWC ext. 1036.

Awards luncheon planned

Michelson Laboratory Awards will be presented on Friday, Jan. 29, during a luncheon in honor of the recipients. The lunch will be held at the Commissioned Officers' Mess starting at 11:30 a.m.

This award recognizes technical

excellence based on outstanding performance in individual duties. The award, which was established in 1966, is complementary to the center's highest local award, the L. T. E. Thompson Award.

Reservations for the awards luncheon can be made by telephoning NWC ext. 2018 or 2592 no later than 4 p.m. Monday, Jan. 25. Menu selections are breast of chicken with orange sauce or chef salad. Either selection is \$5 per person.

EMPF established.

(Continued from Page 1)

Thus the office of the Deputy Chief of Naval Operations (Logistics) became the sponsoring organization and EMPF became part of the NAVIRSA.

The bottom line for EMPF employees is working together with industry to advance electronics manufacturing productivity in the United States. The

goal has been and continues to be improvement.

To that end, Peacock says the China Lake discipline and work ethic will continue to be a big factor in doing the job at the EMPF. "China Lake is a nurturing center and helped us become a mature program. Now we are following the natural course of program evolution," he added.

While still based in Ridgecrest, facility personnel will continue to push for close ties to not only NWC, but other government groups and facilities and a good relationship with industry. "We'd like to be accessible, be used and be supportive of China Lake developers and others, especially in surface mount and VHSC technologies, commented Peacock.



TD AWARD—NWC's Technical Director, Gerry Schiefer, presents the Technical Director's Award to Charles Bengston. He was one of five China Lakers honored for their work with HARM. Bengston was unable to be present when the others received their awards.

Award given...

(Continued from Page 1)

unavailable. This simulator has become a great asset in debugging test software."

Also unable to attend the ceremony was Bengston of the Electronic Warfare Department's Software Development Branch. He was credited with development of the HLCS guidance and control model used in the HWIL facility. He also provided extensive technical expertise during integration of HARM into the HWIL facility.

The letter of nomination notes these individuals are "a dedicated, capable and conscientious group who continue to provide technical expertise to ensure successful testing of HLCS in the hardware-in-the-loop facility."



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- Fri. 8:00 a.m. - 5:00 p.m. Deadline for placing your classified ad: Monday, 3 p.m. for Friday's

issue.

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China Lake Police Reports

Property missing from Warehouse 41 is valued at more than \$400, so this is a grand theft.

The driver of a vehicle at Easy and Water Roads told police that he had to leave the pavement to avoid a head-on collision at 9 p.m. Monday evening in the rain. The other driver apparently did not stop.

A battery was stolen from Building 20224 at the airfield, a petty theft.

In response to a 911 call, the Fire Division ambulance took the resident of a house on Entwistle to Ridgecrest Community Hospital because he had been experiencing chest pains.

Starting at about 11 p.m. on New

Year's Eve, several Center residents reported to police that they heard gun shots.

An active duty military man celebrated the New Year not wisely but too well; he was picked up at the intersection of Knox Road and Ward Avenue at 2 a.m. on January 1 for driving while under the influence.

Miscellaneous vandalism occurred at a residence on Ashworth Place, including the breaking of a glass door.

A resident on Sykes Circle reported that a thief had stolen the hood ornament from a car.

Cassette tapes were stolen from another vehicle parked on Ashworth Place.

A driver who had been stopped because he had a head lamp out was found to be driving a car with an expired license plate. In addition, the driver himself was found to be unlicensed.

A jacket, found on the west side of the Center theater, can be reclaimed by its owner at the China Lake police station.

An absent-minded driver at Randsburg Wash started to drive away from the gas pumps without removing the nozzle of the hose from the tank. This resulted in a minor traffic accident.

A resident of the BEQ reported theft of a video cassette recorder.

When a little girl on Blue Ridge Road tried to kiss a dog, the dog bit her. She was treated at the Branch Medical Clinic.

Two drivers backing up in the west parking lot of Michelson Laboratory were involved in a minor collision with each other's vehicles.

At 7 a.m. last Tuesday, one vehicle at the intersection of Intruder and Wildcat at the airfield turned left in front of a second vehicle, which struck the one turning. Both vehicles received moderate damage.

Two separate one-vehicle accidents occurred on the Mountain Springs Canyon Road Tuesday morning. The first, at 9:47, happened when a government vehicle hit a patch of ice and skidded off the road, resulting in moderate damage to the vehicle. The second happened three minutes later, when another vehicle (not a government vehicle) also hit a patch of ice and slid off the road. This vehicle also received moderate damage.

A witness reported to police that a 1968 green Chevrolet El Camino hit the stop sign at King Avenue and Dobb Road and fled the scene, resulting in a hit-and-run report.

An active duty military man was arrested for driving under the influence of alcohol; he was picked up at the intersection of Halsey Road and King Avenue. The man was held at the police station to sober up, then cited and released.

The Supply Department reported a loss of \$2,100 worth of pencil erasers.

Code 25 also reported the theft of 940 8-pin connectors, a grand theft.

A branch in the Engineering Department reported 400 computer parts missing from Michelson Laboratory.

A man spent the early hours of Christmas morning sobering up after being arrested a couple of minutes past midnight at the intersection of Knox Road and Stroop Avenue.

Aluminum was taken from the scrap pile at Dewey and First Street.

Vehicle vandalism was reported by a resident on Burroughs Avenue. A suspect has been named.



personnel development opportunity

SOFTWARE TESTING AND DEBUGGING TECHNIQUES (24 hours)

January 19-21; Tuesday-Thursday; 0800-1600; Training Center. By Suzanne Squires. Sponsored by Institute for Advanced Technology.

Objectives: This seminar is designed to provide attendees with the following:

- An appreciation for the importance of the test organization and its relationship to the development and quality assurance organizations.
- An understanding of the principles of and the approaches to the testing activity.
- An examination of the test planning activity and the test plan management function.
- An introduction to methods of test case design and a method of testing the requirements and specifications documents.
- An understanding of the types and classes of test tools currently available.
- An understanding of the effects of complex design on both the programming and testing activities.
- An introduction to methods of measuring software complexity.
- An introduction to methods of path analysis and their use within the testing activity.
- An understanding of the different aspects of unit, integration, system and acceptance testing; and a discussion of their overall effects on the maintenance activity.

Who Should Attend: This seminar is intended for those individuals who will be involved in the planning, development, execution and result analysis of software product test endeavors.

Deadline: Extended to January 11.

VAX UTILITIES AND COMMANDS (36 hours)

February 8-12; 0800-1600; Training Center. By Walter Galant, Mini Micro Ed.

Prerequisite: Knowledge of computer systems, six months of programming experience.

Intended Audience: Computer programmers on VAX systems, or persons who need the prerequisite for "VAX System Manager."

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Open daily & Sundays 9 a.m. - 9 p.m. 232 Station St. Ridgecrest, 375-4845

Health Science courses offered by CCCC

Four Health Science courses are being offered at Cerro Coso Community College this spring.

Morris Scharff will instruct a three-unit course entitled "Principles of Health Education." Students will study the factors affecting physical and mental well-being including drugs, alcohol, tobacco, proper nutrition and exercise. There are two sections of this course; one meets on Tuesdays and Thursdays from 11 a.m. to 12:20 p.m. and the other meets on Mondays and Wednesdays from 8:10 to 9:30 p.m. Both sections meet in Room 101 at City Center.

Three five-week courses of "Standard First Aid — Multimedia Sys-

tem" are also being offered. The half-unit course is a programmed learning approach to basic first aid including demonstrations and practical experience with wounds, shock and heart attacks. Scharff instructs the first section beginning January 26 on Tuesdays from 1:30 to 2:30 p.m. Janet Westbrook will instruct the other two sections. One begins January 26 and meets on Tuesdays from 6:40 to 8:30 p.m. The other begins April 7 and meets on Thursdays from 6:40 to 8:30 p.m. All three sections of this course meet in Room 102 at City Center.

The NWC dispensary will be the site of "Emergency Medical Techni-

cian I (Ambulance)." This five-unit course meets on Tuesdays and Thursdays from 6:40 to 9:30 p.m. The class covers medical care techniques for EMT personnel.

Two three-week courses in "Cardiopulmonary Resuscitation" are being offered. Scharff will instruct the first section beginning January 21. This section will meet on Thursdays from 1:30 to 4:20 p.m. Westbrook will instruct the second section beginning March 1. This section will meet on Tuesdays from 6:40 to 9:30 p.m. The class covers the recognition of need for CPR. Both class sections will meet at City Center in Room 102.

Late registration is set for Jan. 19

Cerro Coso Community College will hold a late registration period for students who are still interested in enrolling in the spring semester that begins Tuesday, January 19.

Late registration will be held on Monday through Friday, January 19 to January 29. Students may register on Mondays through Thursdays from 10 a.m. to 7 p.m. and on Fridays from 10 a.m. to 4 p.m.

A new fee system has been initiated at Cerro Coso for this semester. Students enrolling in 1 to 9 credit units will pay an enrollment fee of \$5 per credit unit. For students who enroll in six to nine units, this will save up to \$20 over last year. Students enrolling in 10 or more units will continue to pay the \$50 enrollment fee.

To obtain a copy of the 1988 spring semester schedule stop by the college or pick up a copy at the Training Center.

For more information call the college at 375-5001.

Orientation to be Feb. 5

An orientation for employees new to NWC will be offered on February 5 at the Training Center from 8 a.m. to approximately 3 p.m.

The orientation includes: a welcome aboard and Center overview; and presentations on training opportunities, safety, employee assistance program, personnel benefits and sys-

tems, police and fire divisions, desert geology, security, Technical Information Department, equal employment opportunity, NWC and area recreation, and internal review.

Department offices should contact all new employees about attending this orientation.

Madrigal to be on-Center

Dr. Orlando Madrigal of Cal-State University Chico will be on-Center January 13, Wednesday, to advise current and prospective students in the external degree programs offered by the school.

Cal-State University Chico has

external degree programs in computer science which lead to bachelor's and master's degrees.

Those who wish to see Dr. Madrigal are asked to make an appointment by telephoning Cyndi Jones, NWC ext. 2648.

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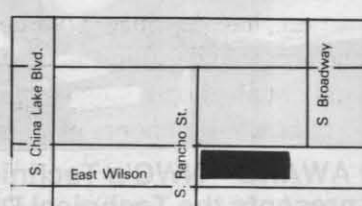
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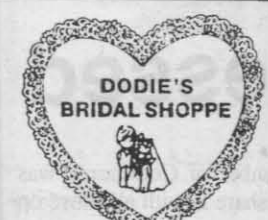
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Secretarial opportunities

This column is used to announce secretarial 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 secretarial 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 1/2/3/4/7/8/9; 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. 31-070, Secretary, DG-318-2/3, Code 319 - The incumbent provides secretarial and administrative support to the Systems Engineering Division. Experience on PC's desirable, but will train. If filled at the DG-2 level, this position has promotion potential to DG-3.

No. 32-275, Secretary (Typing), DG-318-1, Code 3261 - Provides secretarial support to the Warhead Development Branch. Knowledge and working skill on a Xerox 640 is desirable. Promotion potential to DG-2.

No. 32-277, Secretary (Typing), DG-318-1, Code 3268 - Provides secretarial support to Weapons Systems Branch "B". Knowledge and working skill on a Xerox 640 is desirable. Promotion potential to DG-2.

No. 32-276, Secretary (Typing), DG-318-1, Code 3266 - Provides secretarial support to the Explosives Development Composite. Knowledge and working skill on a Xerox 640 is desirable. Promotion potential to DG-2.

No. 33-039, Secretary (Typing),

DG-318-A/1/2, Code 3351 - Incumbent will provide clerical and administrative support to the Product Engineering Branch located in Salt Wells. Knowledge of word processing systems desirable. Promotion potential to DG-2, but not guaranteed. Status eligibles may apply.

No. 33-041, Secretary (Typing), DG-318-A/1/2, Code 3356 - Incumbent will provide clerical and administrative support to the Explosive Components Branch located in Salt Wells. Knowledge of word processing systems desirable. Promotion potential to DG-2, but not guaranteed. Status eligibles may apply.

No. 39-056, Secretary (Typing), DG-318-2, Code 394 - Provides secretarial support to the Electro-Optics Division. Promotion potential to the DG-3.

No. 64-196, Secretary (Typing), DG-318-1, Code 6411 - This position provides secretarial and administrative support to the Head, Systems Development Branch and branch personnel. Promotion potential to DG-2. Previous applicants need not reapply.

Ron DeBaets, clu

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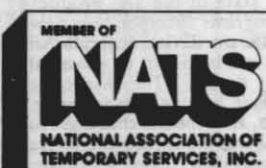
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Non-Appropriated Funds

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 appropriate 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 Dept. (Code 096), ATTN: NAFI Service Team, China Lake, CA 93555.

No. 22-8763, Snack Bar Operator, PS-2091-2, \$4.35 per hour, Code 2227 - Intermittent Scheduled. Vends popcorn, soda and candy. Prepares hamburgers, hotdogs and french fries. Ensures snack bar rules and regulations are adhered to and food handler regulations are followed. Job Relevant Criteria: Knowledge of inventory procedures and clean-up procedures; ability to handle money, make change and fill out DAR's. THIS IS NOT A CIVIL SERVICE POSITION.

No. 22-8762, Recreation Aid (Sports) PS-189-2, \$4.35 per hour, Code 2227 - Intermittent Scheduled. Assists in recruiting and training volunteer coaches, referees, time and scorekeepers in the administering of a given sport. Maintains and repairs equipment as necessary. Job Relevant Criteria: Knowledge of the rules and regulations or various sports. THIS IS NOT A CIVIL SERVICE POSITION.

No. 22-8764, Recreation Aid (Lifeguard), PS-0891-3, \$4.71 per hour, Code 2227 - Intermittent Scheduled. Incumbent monitors activities and maintains order in and around the pool area. Provides assistance to patrons and necessary first aid. Maintains pool and all associated areas, performs routine cleaning. Enforces rules and regulations. Completes hourly and daily logs. Must have three years of high school education or the equivalent. Must possess a current Advanced Lifeguarding, CPR and First Aid Certificates. Job Relevant Criteria: Knowledge of safety rules and regulations; skill in safety and rescue pertaining to public swimming. THIS IS NOT A CIVIL SERVICE POSITION.

No. 22-8760, Child Caregiver, PS-0189-2, \$4.35 per hour, Code 2223 - Intermittent Unscheduled. Incumbent is responsible for caring for children ages four weeks through six years. Must be 18 years of age and have high school diploma or the equivalent. THIS IS NOT A CIVIL SERVICE POSITION.

Soldering courses set

Two 40-hour high-reliability soldering courses will be held from January 11 through January 15. The first course will be held from 7 a.m. until 4 p.m. and the second course will be from 4 p.m. until 12:30 a.m. The classes will be held at 543 Graaf Street.

These courses are for government personnel needing certification to WS-6536 as inspectors and operators.

The requirements for the class are (1) previous soldering experience and (2) a current eye examination.

For people unable to make it to the classes being held January 11-15, two more courses will be held January 25 through January 29. Again, the first course will be held from 7 a.m. until 4 p.m. with the second course being held from 4 p.m. until 12:30 a.m. These classes will also be held at 543 Graaf Street.

To be scheduled into one of these four classes, contact Soldering Technology Training, Code 36814, at 446-5571.

"Techniques of Teaching" will be offered by CCCC

Techniques of Teaching, a 60-hour course, will be offered on the Cerro Coso Community College campus during the forthcoming spring semester.

This course satisfies the professional preparation requirement for the Designated Subjects Ryan Community College Limited Services Credential. It is a requirement for part-time college instructors who otherwise qualify for a lifetime teaching credential but who do not possess a bachelor's degree in their subject matter area.

The purpose of this course is to develop a conceptual and practical instructional framework for part-time teachers through experience in a series of modularized learning components (e.g. the learning process, curriculum and media, classroom demonstration and analysis, evaluation of student achievement, etc.).

It will be held on Mondays, from 6 to 10 p.m. from February 1 to May 23, with no classes being held on February 15 or March 28, at the Cerro Coso Community College Main Building. The room number will be announced at a later date.

Paul Riley will be the instructor for the class.

People taking this class may

receive 6 quarter units of U.C. Riverside Extension credit.

Cost is \$90 (\$15 per unit), plus the cost of the textbook.

Anyone who has any questions and/or would like to reserve a space for this course, should contact either Paul Riley or Patricia Bailey at 375-5001.

Reassignments...

(Continued from Page 15) participate in a major advance in fusing and explosive technology and as such achieve the satisfaction of accomplishing a challenging technical and managerial task. Coordinating Center activities with other members of the STANDARD Missile community will require frequent travel. General knowledge and understanding of guided missile and missile subsystem concepts and the design/development/production process are important. Knowledge of E/M components (safe-arm and arm-fire devices) is desirable but not mandatory. The applicant should have the ability to interface with management at the contractors, NWC and other Navy activities and work well with others; ability to effectively plan, monitor and coordinate the work of several separate development and production activities; ability to apply product assurance disciplines; ability to give oral presentations and prepare written communication; ability to manage through people; familiar with NWC/DOD acquisition requirements, program development guidelines and with work breakdown structure and performance measurement baseline systems. Promotion potential to DP-3 is possible but not guaranteed. To apply send current SF-171 to John Smith, Code 33303, or call Nwc ext. 2405.

No. 35-043, Interdisciplinary Electronics/Aerospace/Mechanical/General Engineer/Physicist/Mathematician, DP-855/861/830/801/1310/1520-2/3, Code 3533 - This Position is located in the Aircraft Integration Branch, EW Avionics Integration and Support Division, Electronic Warfare Department. The incumbent will perform integration engineering, planning, scheduling, systems engineering and coordination of government technical and contractor support efforts. Experience with tactical air launched weapons systems and fleet aircraft is desirable. To apply, please submit a current SF-171 to Gary Gillen, Code 3533, NWC ext. 2951.

No. 35-044, Interdisciplinary Electronics Engineer/Computer Scientist/Physicist/Mathematician, DP-855/1550/1310/1520-2/3, Code 3512 - This position is located in the EW Analysis Branch, Systems Analysis Division, Electronic Warfare Department. The incumbent will be involved in the development and operation of the Strike Electronic Warfare Simulator (SEWS). Experience with assembly language, high order languages, VAX/VMS, structured analysis and design techniques, software engineering principles, and computer hardware is desired. The incumbent will be expected to communicate clearly, work independently and clearly document accomplishments. To apply, please a current SF-171 to Barry D. Show, Code 3512, NWC ext. 3066.

How to find NWC's MIP Office

Model Installation Program Initiatives can be submitted through the Naval Weapons Center's electronic mail (E-mail) network, through guard mail to Code 02A2, or brought in person to Room 2011 in the Headquarters Building. Additional information is available by calling the MIP Office at NWC ext. 2437 or 2711.

E-mail users should send requests for MIPI forms to:
-SEFB:HAMILTON (Dave Hamilton)
-SEFB:MATHEWSON (Wes Mathewson)
-SEFB:MACBRUCE (Bruce MacIntosh)
-SEFB:RICHEY (Jo Richey)
-SEFB:SHAWLER (Gary Shawler)



LSD still a hazard

LSD — the "acid" that was so prevalent in the 1960s — is again surfacing, according to information being received by various police departments.

Police note that the dealers of LSD are, by and large, the same ones who dealt in the 1960s, trying to get the drug popular once more. They are having trouble doing this, however, because more young people are aware of the threats to health, life and sanity that LSD can pose.

To try to popularize the drug, dealers are reportedly selling "frames" or tattoos with Mickey Mouse or other cartoon characters or simply blue stars. (The price of each, according to police, is usually about \$10.) The tattoo is soaked with LSD that either can be placed in the mouth or even absorbed through the skin.

LSD can cause hallucinations, severe vomiting, erratic mood changes and changes of body temperature. One problem with illegal drugs also is that many of these contain contaminants that can also cause serious illness or death.

Anyone displaying unusual symptoms such as hallucinations or severe vomiting is in urgent need of medical care and should promptly be taken to either doctor or hospital.

Model Installation: Not all initiatives are successful

While Naval Weapons Center Model Installation Program Initiatives have gained wide approval, not all attempting to improve the way NWC does business have been successful.

MIPI 069-87 was disapproved by the Assistant Secretary of the Navy (Shipbuilding and Logistics) because it was decided the present system was needed to ensure accomplishment of an orderly and timely planning and decision making process.

NWC's MIPI requested a waiver of instructions from the Space and Naval Warfare Systems Command (SPA-

WAR) and Naval Facilities Engineering Command (NAVFAC) requiring preparation of a Base Electronic Support Engineering Plan (BESEP) for Military Construction (MILCON) project programmed to include major electronic installations.

The initiative proposed authorizing NWC command to determine, on a case-by-case basis, whether to prepare a BESEP on such MILCON projects.

Benefits foreseen in the MIPI were conservation of manpower and reduction in workload for the involved activity. It would also have

provided for a quality BESEP when needed, as determined at the Naval Weapons Center, with no loss in design quality.

Another NWC initiative, MIPI 015-86, prompted the ASN (FM) to change regulations, bringing about a cancellation in the Center's MIPI request.

This MIPI would have raised funds available for minor construction and alteration projects by not counting supervision, inspection and overhead (SIOH) costs as part of the project cost.

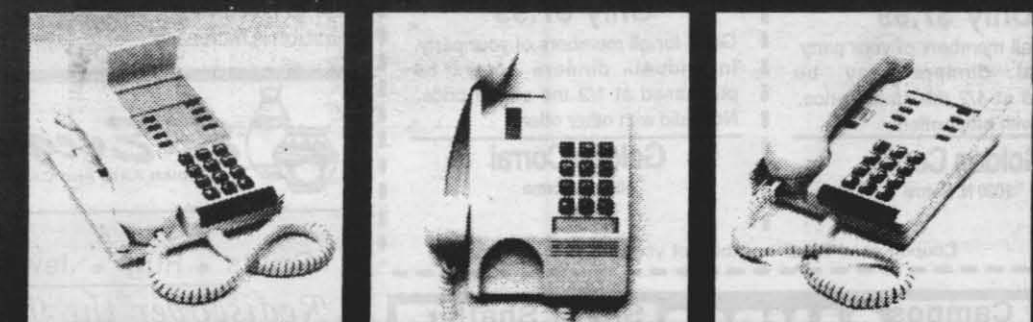
Since these costs are included in

the \$200,000 maximum allowable for these type projects at Naval Industrial Fund (NIF) activities, such as NWC, the MIPI would have made an additional \$10,400 (on the average) available for actual project work of this nature.

The change was requested to bring NIF projects into conformance with the procedure followed for projects funded through Navy Operations and Maintenance Funds.

Thanks to the NWC MIPI, the application and calculation of SIOH costs by O&M funded activities have been modified by the ASN.

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PROMOTED—Cdr. Steven R. Goad (right) receives congratulations and a set of silver oak leaf collar devices from Capt. Eric Vanderpoel II, Commanding Officer, Air Test and Evaluation Squadron Five (VX-5). The newly promoted Naval aviator is the VX-5 Operations Officer. VX-5 Photo by PH3 Gaston

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CNO talks: Adm. Trost comments on U.S. Navy issues

Admiral Charlie Trost, the Chief of Naval Operations, visited U.S. Naval units in the Persian Gulf and North Arabian Sea last year.

While in the region, the CNO met with many sailors to hear and answer their many questions and concerns. In the following interview, the CNO addresses a wide array of issues which he feels all military people have an interest in. This is the first of a four-part series.)

Q. In touring the fleet, what has most impressed you about the modern sailor?

Adm. Trost: What impresses me is that I see proof of what I have been telling the members of Congress—that our modern sailor is the best we've had since I've been on active duty. I feel very strongly about the ability of our people as demonstrated by their performance. The modern sailor is an articulate young individual who knows his job, is proud of what he is doing and is proud of being part of a good outfit. Our people are good spokesmen. They're the best spokesmen we have for the Navy.

Q. With the advent of the Gramm-Rudman Act, what are the

chances military pay raises will keep up with inflation during the foreseeable future?

Adm. Trost: The Gramm-Rudman Act and the new so-called Gramm-Rudman II really won't impact pay in the near term because we made the recommendation to the President that we exempt military personnel accounts from Gramm-Rudman cuts. We did that in 1985, the first time it came around and we've done it again. The President approved, and we so advised Congress. That means that our personnel accounts will stay free of Gramm-Rudman. It also appears that in the action on the '88 budget, Congress will go along with the pay raise, probably three percent effective in January, and it will not be impacted by Gramm-Rudman.

Q. Can we ever expect to receive greater than the three or four percent we get for pay raises annually?

Adm. Trost: I would say in the near term, no. In an era where inflation has been running about four percent, Congress looks at a three or four percent pay raise and increases in things like quarters and subsistence allowances, which are free of taxation, as roughly maintaining the equivalent purchasing power after inflation. What that discounts is that we've been maintaining a less than inflationary level in the early years of this decade. The last major pay adjustment was in 1980, and we think it's about time to take another look and if appropriate, recommend it to the Congress.

Q. So these non-taxable parts of the pay really boost that three or four percent?

(Continued on Page 7)

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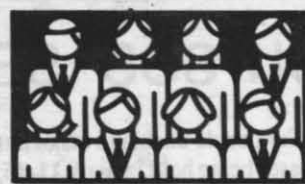
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January 13 & 14 9 a.m., 1 p.m. and 4:30 p.m.

Registration Appointments may be made by calling the College at 375-5001 January 4 through January 13 from 9 a.m. to 5 p.m. or by dropping by the Registration Appointment desk.

For more information on courses, registration, financial aid, counseling etc., call the College at 375-5001

Spring
classes
begin
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19, 1988



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 (who may be referred separately when they apply). 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 qualification requirements by the closing date of the advertisement. Evaluation of applicant's qualifications will involve using at least two assessment measures (e.g., work experience, annual performance assessment rating and narrative, education, training, performance assessment and awards). Spouses of military sponsors apply at Room 231, same address as shown below.

HOW TO APPLY: Submit the following: a current application, SF-171 or other Personnel Department pre-approved form; and 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). A supplemental narrative which relates your qualifications to each knowledge, skill or ability (KSA's) 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 12334/2, 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 an original signature in ink on the last page completes the application. Civilian Spousal Program Eligibles must submit a copy of their sponsor's PCS orders with each application.

Application materials are accepted, and blank forms are available, at the Reception Desk, Room 100, Personnel Department, 505 Blandy. Announcements close at 4:30 p.m. on Friday, 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. Applications are retained 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.

No. 12-001, Supervisory Security Specialist, DA-080-2/3 or DP-080-3, Code 121. - Incumbent provides detailed and comprehensive security administration for compartmented research and development efforts. Experience in document control, personnel, physical, ADP and operations security (OPSEC) is desirable. Moderate travel will be required. **Job Relevant Criteria:** Knowledge of Navy and DoD security policies and procedures; knowledge of policies and procedures of compartmented security programs; knowledge of affirmative action and willingness to support EEO programs; ability to communicate effectively orally and in writing; ability to deal with people at all levels; ability to supervise; ability to obtain a top secret clearance. Promotion potential to DP-3, but not guaranteed. Status eligibles may apply. May be required to serve a one-year supervisory probationary period. This ad replaces No. 39-055. Previous applicants must reapply.

No. 24-041, Supervisory Security Specialist, DA-2/3, DP-3, Code 243. - This position is that of Head, Security Division, Safety and Security Department. The incumbent supervises and manages security education, physical security, information security, and personnel security. The position requires expert knowledge in all aspects of security with particular emphasis on Navy and DOD requirements. Critical functions performed by the division include inspections and technical services, badging and vehicle registration, classification management, personnel clearance, and operations security support. **Job Relevant Criteria:** Ability to manage an organization (including personnel, finances, and material resources); knowledge of affirmative action principles including a willingness to implement center EEO policies; knowledge of security programs; ability to deal with all levels of personnel; ability to communicate in writing; and ability to communicate orally. Status eligibles may apply. Promotion potential to DP-3.

No. 24-040, Detective/Juvenile Officer, DG-083-3, Code 24123. - This position is located in the Police Division of the Safety and Security Department. The incumbent conducts follow-up investigations into matters initially investigated by patrol officers, initiates investigations requiring the application of specialized investigative techniques, conducts crime scene investigations, collects and preserves evidence, interrogates suspects,

arrest suspects, writes crime reports, and testifies in court proceedings. **Job Relevant Criteria:** Knowledge of investigative methods and techniques; knowledge of Federal, State, County and NWC laws and regulations; ability to communicate in writing; ability to communicate orally. Promotion potential to DG-3.

No. 25-038, Purchasing Agent, DG-1105-1/2, Code 2522, 25221, 25222, 25223, 25224 (Multiple vacancies). - Incumbent is responsible for performing basic purchasing agent functions (e.g., places orders with vendors, issues RFQ's, modifies existing orders, drafts documents) with the assistance of an experienced buyer. **Job Relevant Criteria:** Knowledge of automated management information systems; ability to deal effectively with others; ability to work under pressure. Promotion potential to DG-2; however, it is not guaranteed.

No. 31-069, Program Analyst, DA-345-1/2, Code 3107. - This position is located in the F/A-18 Weapons Systems Support Activity (WSSA), Aircraft Weapons Integration Department. The incumbent will be responsible for preparing the acquisition strategy of major contracts required by the Program Office, ensuring that time requirements are planned for, and that they are in compliance with all NWC acquisition regulations and policies. This includes the preparation and/or review of all required contract documents, ie. SOW, IGE, CDRLS, SOLE SOURCE JUSTIFICATIONS, ADP APPROVAL, ACQUISITION PLAN. The incumbent will also work with technical monitors in reviewing contractor invoices and supporting documents. In addition, the incumbent will plan, coordinate, and monitor the C&IS plan for the Program Office. **Job Relevant Criteria:** Knowledge of NWC acquisition guidelines; ability to communicate orally and in writing. If filled at the DA-1 level, this position has promotion potential to DA-2, but is not guaranteed.

No. 33-042, Supervisory Interdisciplinary (Electronics/Electrical/Mechanical/General Engineer/Physicist), DP-855/850/801/1310-3/4, Code 33303. - This position is that of Deputy Technical Manager for Sensor Improvements, STANDARD Missile Technical Office, Fuze Systems Division, Fuze and Sensors Department. The incumbent is the single point of contact for STANDARD Missile program activities at NWC, as such, it is responsible for the management of all STANDARD Missile efforts and activities assigned to the Naval Weapons Center. Current efforts include: the design, development and production support of fuzing systems (proximity sensors, safety-arming devices, missile destruct systems and related components); the technical direction of new rocket motor and motor armament firing device development; seeker technology development projects; and liaison with other related missile programs at NWC. **STANDARD Missile** is currently involved in two major product improvement programs. The Associate Technical Manager will provide technical direction or proximity fuze development on the Center and to two development contractors, a multi-year multi-million dollar effort. Functions are being included in the proximity fuze that will improve performance throughout the encounter envelope, functions never before incorporated in a proximity fuze. It is an opportunity to participate in a major advance in fuzing technology and achieve the satisfaction of accomplishing a challenging technical and managerial task. Coordinating Center activities with other members of the STANDARD Missile community will require frequent travel. General knowledge of guided missile and missile subsystem concepts and the design/development process are important. Experience in missile proximity fuze is desirable but not mandatory. The applicant should have the ability to direct the management of the contractors, NWC and other Navy activities; ability to apply engineering and

for the management of all STANDARD Missile efforts and activities assigned to the Naval Weapons Center. Current efforts include: the design, development and production support of fuzing systems (proximity sensors, safety-arming devices, missile destruct systems and related components); the technical direction of new rocket motor and motor armament firing device development; seeker technology development projects; and liaison with other related missile programs at NWC. **STANDARD Missile** is currently involved in two major product improvement programs. The Associate Technical Manager will provide technical direction or proximity fuze development on the Center and to two development contractors, a multi-year multi-million dollar effort. Functions are being included in the proximity fuze that will improve performance throughout the encounter envelope, functions never before incorporated in a proximity fuze. It is an opportunity to participate in a major advance in fuzing technology and achieve the satisfaction of accomplishing a challenging technical and managerial task. Coordinating Center activities with other members of the STANDARD Missile community will require frequent travel. General knowledge of guided missile and missile subsystem concepts and the design/development process are important. Experience in missile proximity fuze is desirable but not mandatory. The applicant should have the ability to direct the management of the contractors, NWC and other Navy activities; ability to apply engineering and

testing and application of metals and metallic alloys. The incumbent is involved with the chemical, mechanical and physical properties of metallic materials in engineering design and production. **Job Relevant Criteria:** Knowledge of testing procedures and techniques in the metallurgy field; knowledge of the properties, characteristics, strengths, weaknesses, etc., of the metals; knowledge of fabrication and manufacturing techniques; knowledge of safety practices; knowledge of and willingness to implement NWC EEO principles; ability to communicate with all levels of management, sponsors, technicians, mechanics and engineers. The incumbent may be required to serve a one-year supervisory probationary period.

No. 36-102, Supervisory Mechanical Engineer, DP-830-3, Code 3645. - This position is located in the Materials Processing and Evaluation Branch, Engineering Prototype Division, Engineering Department. The incumbent is the branch head and supervises the design and development of improvements for subsystems, systems, facilities and equipment. The incumbent plans, coordinates, tests and evaluates work in the area of the structure, properties, processing, testing and application of metals and metallic alloys. The incumbent is involved with the chemical, mechanical and physical properties of metallic materials in engineering design and production. **Job Relevant Criteria:** Knowledge of testing procedures and techniques in the metallurgy field; knowledge of the properties, characteristics, strengths, weaknesses, etc., of the metals; knowledge of

No. 33-043, Interdisciplinary (Electronics/Electrical/General Engineer/Physicist), DP-855/850/801/1310-2/3, Code 33303. - This position is that of Associate Technical Manager for Proximity Fuzing, Improvements, STANDARD Missile Technical Office, Fuze Systems Division, Fuze and Sensors Department. The Technical Office is the single point of contact for STANDARD Missile Program activities at NWC, as such it is responsible for the management of all STANDARD Missile efforts and activities assigned to the Naval Weapons Center. Current efforts include: the design, development and production support of fuzing systems (proximity sensors, safety-arming devices, missile destruct systems and related components); the technical direction of new rocket motor and motor armament firing device development; seeker technology development projects; and liaison with other related missile programs at NWC. **STANDARD Missile** is currently involved in two major product improvement programs. The Associate Technical Manager will provide technical direction or proximity fuze development on the Center and to two development contractors, a multi-year multi-million dollar effort. Functions are being included in the proximity fuze that will improve performance throughout the encounter envelope, functions never before incorporated in a proximity fuze. It is an opportunity to participate in a major advance in fuzing technology and achieve the satisfaction of accomplishing a challenging technical and managerial task. Coordinating Center activities with other members of the STANDARD Missile community will require frequent travel. General knowledge of guided missile and missile subsystem concepts and the design/development process are important. Experience in missile proximity fuze is desirable but not mandatory. The applicant should have the ability to direct the management of the contractors, NWC and other Navy activities; ability to apply engineering and

product assurance disciplines to development; ability to develop program plans/budgets; familiar with NWC/DOD acquisition requirements; familiar with NWC/DOD program development guidelines; familiar with work breakdown structure and performance measurement baseline systems; ability to manage through people. Promotion potential to DP-3 is possible but not guaranteed. To apply send current SF-171 to John Smith, Code 33303, or call NWC ext. 2405.

No. 33-044, Interdisciplinary (Electronics/Electrical/Mechanical/General Engineer/Physicist), DP-855/850/801/1310-2/3, Code 33303. - This position is that of Associate Technical Manager for Proximity Fuzing, Improvements, STANDARD Missile Technical Office, Fuze Systems Division, Fuze and Sensors Department. The Technical Office is the single point of contact for STANDARD Missile Program activities at NWC, as such it is responsible for the management of all STANDARD Missile efforts and activities assigned to the Naval Weapons Center. Current efforts include: the design, development and production support of fuzing systems (proximity sensors, safety-arming devices, missile destruct systems and related components); the technical direction of new rocket motor and motor armament firing device development; seeker technology development projects; and liaison with other related missile programs at NWC. **STANDARD Missile** is currently involved in two major product improvement programs. The Associate Technical Manager will provide technical direction or proximity fuze development on the Center and to two development contractors, a multi-year multi-million dollar effort. Functions are being included in the proximity fuze that will improve performance throughout the encounter envelope, functions never before incorporated in a proximity fuze. It is an opportunity to participate in a major advance in fuzing technology and achieve the satisfaction of accomplishing a challenging technical and managerial task. Coordinating Center activities with other members of the STANDARD Missile community will require frequent travel. General knowledge of guided missile and missile subsystem concepts and the design/development process are important. Experience in missile proximity fuze is desirable but not mandatory. The applicant should have the ability to direct the management of the contractors, NWC and other Navy activities; ability to apply engineering and

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No. 36-101, Supervisory Mechanical Engineering Technician, DT/DP-802-3, Code 3645. - This position is located in the Materials Processing and Evaluation Branch, Engineering Prototype Division, Engineering Department. The incumbent is the branch head and supervises the design and development of improvements for subsystems, systems, facilities and equipment. The incumbent plans, coordinates, tests and evaluates work in the area of the structure, properties, processing,

testing and application of metals and metallic alloys. The incumbent is involved with the chemical, mechanical and physical properties of metallic materials in engineering design and production. **Job Relevant Criteria:** Knowledge of testing procedures and techniques in the metallurgy field; knowledge of the properties, characteristics, strengths, weaknesses, etc., of the metals; knowledge of fabrication and manufacturing techniques; knowledge of safety practices; knowledge of and willingness to implement NWC EEO principles; ability to communicate with all levels of management, sponsors, technicians, mechanics and engineers. The incumbent may be required to serve a one-year supervisory probationary period.

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fabrication and manufacturing techniques; knowledge of safety practices; knowledge of and willingness to implement NWC EEO principles; ability to communicate with all levels of management, sponsors, technicians, mechanics and engineers. The incumbent may be required to serve a one-year supervisory probationary period. Promotion potential to DP-3.

No. 36-103, Supervisory Interdisciplinary (Electronic/Mechanical/Physicist/Mathematician), DP-855/830/1310/1520-3/4, Code 366. - This position is that of Head, Fleet Engineering Division, Engineering Department. The Fleet Engineering Division provides design, test and evaluation, production engineering, production planning, conventional weapon and systems management, logistic management, environmental engineering and research, and liaison with the Fleet. The incumbent is responsible for technical management and effective implementation of engineering services to the Fleet and manages a division of five branches with approximately 106 technical personnel. **Job Relevant Criteria:** Ability to manage engineering disciplines and an environmental engineering laboratory for weapons systems; ability to supervise a large work force through subordinate supervisors; knowledge of engineering support through weapons system life cycle; knowledge of integrated logistics support; knowledge of and willingness to implement EEO principles. Incumbent may be required to serve a one-year supervisory probation period. Promotion potential to DP-4.

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.

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(Continued on Page 16)

Blood donors needed

President Ronald Reagan has designated January 1988 as National Volunteer Blood Donor Month.

"This month America honors all who have been generous in donating blood. I encourage all who are eligible — most adults are — to participate in this simple act with such huge personal rewards," said Reagan. "Anyone who has given blood knows the great satisfaction that comes with having contributed to protecting or preserving another's life."

This year's theme is "The Need for Blood Never Ends. Be a Regular Blood Donor."

Officials estimate 14 million units of blood will be needed this year. Last

year, 8 million Americans donated 13 million units of blood.

Army Lt. Col. Anthony Polk, director of the Armed Services Blood Program Office, said that in order to prevent a shortage, blood donations by Department of Defense military and civilian employees are needed now more than ever in Armed Services Blood Program blood drives on military installations.

"Military hospitals use about 200,000 units a year," said Polk, "but in a war, we'll need many times that amount."

The triservice-staffed program office coordinates blood programs for the armed forces. The Armed Services Blood Program is the primary source of blood products used to treat military personnel and their family members world-wide. The blood program forms the nucleus for rapid expansion to fulfill military wartime blood requirements. This program is not to be mistaken for the American Red Cross Blood Program.

Civilian blood agencies, such as the American Red Cross, are sometimes invited by installation commanders to collect on military installations. This blood is used primarily in the civilian community.



NEW OFFICERS — Mike Styles, president of Zone 10 of the Federal Managers' Association (far left), meets with new officers of China Lake Chapter 28. He served as installing officer at the first FMA meeting of the year.

FMA installs new officers

Oldest and largest management organization in the federal government is the Federal Managers' Association. Since its origin in 1913 at seven naval shipyards, it has expanded to include chapters in both Department of Defense and civilian agencies.

FMA's current membership includes all levels of supervisory personnel, from wage grade supervisors to general managers in the General Schedule. In their behalf, FMA has exerted influence in the development of Civil Service personnel policies, especially during the past two decades.

As acknowledged spokesman for mid-level federal managers, FMA is consulted on personnel issues by agency top management, the Office of Personnel Management and the Congress.

Since 1972, it has maintained a national office in Washington, D.C.,

staffed by professionals. The Washington office is located conveniently to Capitol Hill, Federal agency headquarters and the Pentagon. FMA's headquarters staff includes full-time experts in Congressional liaison, agency contacts, communications and includes a full-time Legislative Counsel — all working on behalf of mid-level federal managers.

In addition to the benefits derived from such national contacts, local chapters offer other benefits to members.

Membership in China Lake Chapter 28 of the FMA:

- brings managers together to identify mutual problems, promote self help and professionalism, and creates a forum for an exchange of ideas and techniques.

- provides managers with channels of communication to all levels of management, locally and nationally.
- creates a forum for high-level

speakers and training programs to meet needs identified by members.

- is a clearinghouse for information for members on all developments affecting careers and job security.

- provides members with a \$1,000 survivor benefit at no additional cost.
- provides free first-time lawyer consultation.

- provides optional vision care coverage for self and family at reasonable prices.

More information about enrollment in the local chapter of the Federal Managers Association or a prospective membership package can be obtained by telephoning Joe Hibbs at NWC ext. 3673.

Officers of Chapter 28 of the Federal Managers' Association for 1988 include: Joe Hibbs, president; Donnette Cappello, first vice president; Loren Chadwick, second vice president; Carol Conrad, secretary; Betty Gross, treasurer; Jacque Clawson, sergeant-at-arms; Ralph Cox, historian; Jim McVay, one-year director; Steve Sanders, two-year director; and Donna Gonder, three-year director.

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Admiral Trost airs views on the Navy mission and hopes for the years ahead

(Continued from Page 6)

Adm. Trost: They tend to boost that to a higher real level.

Q. What are pay increases for the military based on? How is the increase determined?

Adm. Trost: There is, and has

been by law, a so-called quadrennial review of military compensation. Every four years the Secretary of Defense is required to establish a panel which studies our compensation in all aspects — base pay, allowances, entitlements, etc. —

and compares them to supposedly equivalent rates in the civilian sector. We know there is no real equivalent to what we do, especially in some tough, demanding environments like the Persian Gulf. But the panel does this and comes up with

ratings factors. Then recommendations are made to the President, and if he concurs, to the Congress. Since 1981 when Congress took its last major action on a correction of pay and allowances, there's been no action on the recommendations

of these reviews — other than the percentage changes that we have seen in recent years attempting to keep match with inflation.

So, the pay should be based on (Continued on Page 8)

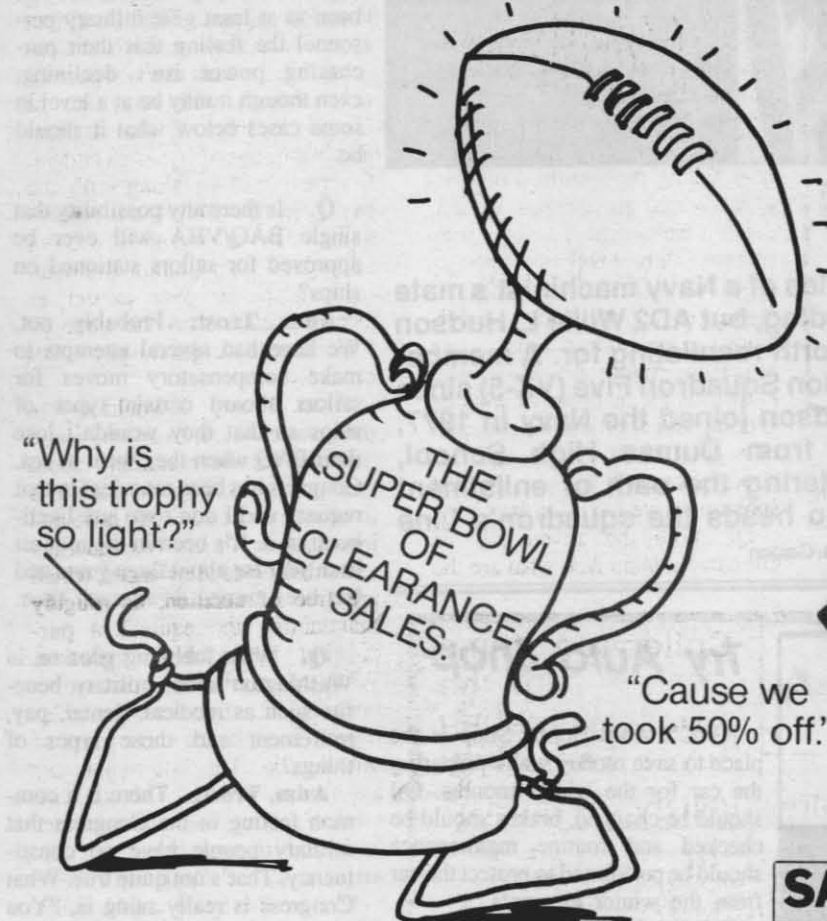
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Stepping Stones novelty fleece tops. Sizes S-M-L. Reg. \$17.99-21.99. Sale 33% off.

Misses sweaters. Choose from a great selection of novelty sweaters. Sizes S-M-L. Reg. \$34.-64. Sale 40% off.

Donnkenny separates. Choose from blouses, skirts and pants. Sizes 8-18. Reg. \$24.-30. Sale 40% off.

Selected Fall and Holiday dresses. Reg. \$40.-60. Sale 33% off.

Entire stock Fall coats and jackets. Reg. \$40.-120. Sale 33% off.

Famous Maker sleepwear. Reg. to \$36. Sale 33% off.

Flannel sleepwear. Reg. to \$26. Sale 40% off.

Junior sweaters. Assorted colors. Sizes S-M-L. Reg. \$20.-68. Sale 50% off.

Selected Junior denims. Choose from pants and skirts. Sizes 3-13. Reg. \$20.-42. Sale 33% off.

Famous Maker leather belts. Choose from assorted styles and fashion colors. Reg. \$14.-20. Sale \$9.97 each, savings to 50% off.

Fashion vinyl handbags. Choose from assorted spring colors in assorted styles. Reg. \$20. Sale 40% off.

Famous Maker fashion jewelry. Choose from selected styles. Sale 33% off.

Tacoca earrings. Choose from goldtone, silvertone and spring pastel colors. Sale 50% off.

Neutrogena bath products. Once a year savings! Reg. \$13.-34. Sale 25% off.

MEN

Entire stock of Mens' outerwear. Choose from poplins, nylons, leathers and suedes. Reg. \$36.-150. Sale 33-50% off.

Entire stock long sleeve sportshirts. Choose from Arrow, Van Heusen, Oleg Cassini and Resilio. Reg. \$20.-30. Sale 40-60% off.

Selected Haggard slacks. Reg. \$24.-30. Sale \$17.97-19.97.

Selected Camp socks. Reg. \$3. Sale 50% off, \$1.47 each.

Wembley ties. Reg. \$12.50. Sale \$6.97.

CHILDREN

Selected Buster Brown fashion items. Choose from Infant, Toddler and Girls' 4-6X. Sale 33% off.

Selected dresses. Choose from Infant and Toddler. Sale 50% off.

HOME

Selected ceramic items. Values to \$30. Sale to 50% off.

Towle and Godinger silver plated gifts. Values to \$40. Sale 50% off.

Percal sheet sets. Choose from assorted prints. Value \$30.-70. Sale 50% off, \$14.97-34.97.

Fieldcrest rainbow solid towel ensemble. If perfect, values \$3.50-10. Sale to 50% off, \$1.97-4.97.

Some items not available in some stores. Some discounts taken at register.

SPECIAL HOURS:

Thurs. Jan. 7 9:30-9:00
Fri. Jan. 8 10:00-9:00
Sat. Jan. 9 10:00-6:00
Sun. Jan. 10 12:00 noon-5:00

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CPO exam worksheets available for review and signing at PSD

Worksheets for the Chief Petty Officer/E-7 exams will be ready for review and signing at the Personnel Support Detachment offices through Jan. 15 from 8 a.m. to noon and from 1 p.m. to 4 p.m.

All personnel are required to sign their worksheets prior to taking the exam, scheduled Thursday, Jan. 21. For additional information call Bob Morin, PSD/ESO at NWC ext. 3314.

Navy-wide exam set on Jan. 21

Thursday, Jan. 21 is the date for the Navy-wide Chief Petty Officers (E-7) exam. At the Naval Weapons Center the exam will be given in the ballroom of the Enlisted Mess.

All candidates must be at the Enlisted Mess no later than 7 a.m. on Jan. 21, be wearing the appropriate uniform of the day and have their military identification card with them.

Any questions regarding the exam should be directed to Bob Morin, PSD/ESO at NWC ext. 3314.



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ANOTHER FOUR—Duties of a Navy machinist's mate are diverse and demanding, but AD2 Willie L. Hudson found the challenge worth reenlisting for. A member of Air Test and Evaluation Squadron Five (VX-5) since 1984, Petty Officer Hudson joined the Navy in 1977, following graduation from Dumas High School, Dumas, Ariz. Administering the oath of enlistment was Lt. J. Harding who heads the squadron's Line Division. VX-5 Photo by PH3 Gaston

CNO: Good future expected for Navy...

(Continued from Page 7)

comparability or appropriate compensation for the job being done. What has been done in recent years is clearly a raise based not on that but on the impact of inflation and on the perceived need to stop freezing military pay. The effect has been to at least give military personnel the feeling that their purchasing power isn't declining, even though it may be at a level in some cases below what it should be.

Q. Is there any possibility that single BAQ/VHA will ever be approved for sailors stationed on ships?

Adm. Trost: Probably not. We have had several attempts to make compensatory moves for sailors aboard certain types of ships so that they wouldn't lose their BAQ when they went to sea. Congress has been tone deaf to that request, and I don't see any likelihood of it. It's been in the request each year for about three years and has been turned down each time.

DOD metrification slated

All newly designed, developed and produced systems and elements in the Strategic Defense program must now use metrics as the standard language and system of measurement. Air Force Lt. Gen. James A. Abrahamson, head of the Strategic Defense Initiative Organization, recently directed this step.

This decision may accelerate the transition to metrics throughout U.S. industry, something that is already occurring within the Department of Defense.

Along those lines, for example, DOD recently issued guidance to the military services and Defense agencies requiring that the metric system of measurement be used "in all activities, consistent with security, operational, economical, technical, logistical and safety requirements."

Air Force Col. Tom Mansperger, special assistant for defense standardization and the lead DOD coordinator for metric conversion, said the DOD Metrification Program will have little impact on the average military family.

"This directive doesn't address how bread or hamburger is sold at the commissary," he said. "The directive is aimed at ensuring that the vast majority of weapon systems and support equipment being planned today are designed using the metric system of measurement."

The directive instructs DOD agencies and the military services to adopt the metric system when:

• Industry has made significant

progress in designing and producing metric products.

• There is a specific military need for material to be used jointly with NATO and other allied nations.

• Military material has a potential for significant foreign sales or multinational joint acquisition programs.

• Defense industry preparedness or defense production readiness may be enhanced.

DOD's new guidelines are not voluntary. "The directive basically states that those elements of new weapon systems that require new design shall be metric," said Mansperger. "To not go to metric in a major weapon system will require the approval of the under secretary of defense for acquisition. To not go metric for lesser systems will require the approval of the heads of the components or their designated representatives."

He noted that existing inch/pound components will still be used when it is economical and interfaces can be managed.

The Army made what Mansperger called a "gutsy decision" when it decided the engine and airframe for the new family of light helicopters, the LHX, would be measured in metrics. "Although it will be developed and produced in this century, Army troops will be flying it well into the next century."

A cost study was also conducted to determine the economic impact of using metrics for the LHX. Mansperger said the result came down to "well

under one percent of the total program cost." Many believe that even that cost will disappear because the variety of part sizes in systems designed to metric specifications tend to be less, thus reducing supply system requirements.

Mansperger points out that most, if not all, manufacturing industries will have converted to metrics by the beginning of the next century. "If no one is making spare parts measured by the inch/pound, where are we going to get them?" he asked.

Mansperger does not expect a difficult transition. He said most individual weapons and ammunition are already measured in metrics. Troops have long been referring to the milimeter dimensions of weapons as "Mike-Mike" and reporting ranges in kilometers (clicks) and meters rather than miles and yards. Many of the nuts, bolts and wrenches in the military inventory are metric.

The United States and Burma are the only countries in the world that do not use metrics as a national system of weights and measures or have an established schedule to do so. The U.S. switch to the metric system has been led by science and abetted by the country's institutions, including educational and scientific communities and industry.

Many items purchased in the United States are metric, such as cameras, film and prescription drugs. Electric bills and most automobile parts are also metric.

Malpractice claims down

The rate of malpractice claims filed against Uncle Sam is going down, claims are being resolved faster, and DOD is paying less money to resolve claims.

DOD officials recently released updated malpractice information, using fiscal 1986 data. The rate of malpractice claims per 100 doctors is down slightly, from 6.7 in fiscal 1985 to 6.6 in fiscal 1986. More significantly, a larger number of claims were "of minimal merit" and could be handled quickly. Finally, for those claims that were resolved by paying the claimant, there was a 30 percent decrease in the amount of money paid, from \$168,891 in fiscal 1985 to \$118,154 in fiscal 1986.

DOD hopes to further reduce malpractice by better management. The department is now participating in the National Databank on Malpractice

and Sanctions of Health Care Providers. It will report malpractice claims on all licensed practitioners within the DOD health care system. Formerly, DOD reported such information to individual bodies such as the Federation of State Medical Boards.

DOD officials say having information on all licensed practitioners in one place will improve their ability to make policy decisions, thus improving the quality of care.

By Evelyn D. Harris—American Forces Information Service



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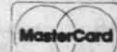
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Q. What lobbying goes on in Washington about military benefits such as medical, dental, pay, retirement and those types of things?

Adm. Trost: There is a common feeling in the Congress that military people have no constituency. That's not quite true. What Congress is really saying is, "You military people don't vote enough to make us pay all that much attention to you. And you don't scream enough or write enough letters to your congressmen so that we know what your problems and concerns are." But there is a lobbying effort in that the head lobbyist, as far as I'm concerned, is me or perhaps the Secretary of Navy for our Navy personnel. We who have the responsibility to lead our services have the responsibility to make sure that our cases are made in the Congress.

We also are supported to a degree by some of our retired personnel. The Retired Officers' Association has been extremely effective as a spokesman on the Hill for pay/allowances/benefits programs. So have several other organizations. The Fleet Reserve Association has been very effective. The Naval Reserve Association has been very helpful. We count on them, and on the Navy League, to carry our case to the Congress in those instances where we either need their support or can't make the case ourselves.

Conversion chart

Length-Distance

1 inch = 2.54 centimeters	1 centimeter = 0.3937 inches
1 foot = 30.48 centimeters	1 meter = 39.37 inches
1 yard = 91.44 centimeters	1 meter = 1.09 yards
1 mile = 1.61 kilometers	1 kilometer = 0.621 mile

Weight

1 gram = 0.035 ounces
10 grams = 0.35 ounces
100 grams = 3.52 ounces (approx. 1/4 lb.)
500 grams (1/2K) = 17.52 ounces (approx. 1 lb. 2 ozs.)
1000 grams (1K) = 35.27 ounces (approx. 2 lbs. 3 ozs.)

Pound/Kilo Comparisons

1 pound = 453 Kilograms
2 pounds = 907 Kilograms
3 pounds = 1.360 Kilograms
4 pounds = 1.814 Kilograms
5 pounds = 2.268 Kilograms
10 pounds = 4.536 Kilograms

For an approximate quick conversion of pounds into kilos, divide pounds by 2.2. Example: 6 lbs., 6 ozs. divided by 2.2 = 2.898 kilos.

For an approximate quick conversion of kilos into pounds, multiply kilos by 2.2. Example: 3 kilos, 500 grams x 2.2 = 7 lbs., 11 ozs.; or 3 kilos, 50 grams (3,050) x 2.2 = 6 lbs., 11 ozs.

Liter/Gallon Comparisons

5 Liters = 1.32 gallons
10 Liters = 2.64 gallons
15 Liters = 3.98 gallons
20 Liters = 5.28 gallons
25 Liters = 6.61 gallons
30 Liters = 7.93 gallons
35 Liters = 9.25 gallons
40 Liters = 10.75 gallons
50 Liters = 13.21 gallons

Note: In the United Kingdom, measures are larger. A U.S. quart contains 0.946 liters; an imperial quart, 1.136 liters. A U.S. gallon is equal to 3.785 liters, while an imperial gallon contains 4.545 liters.

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Thursday, Jan. 14, Deli Day
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Congratulations to the Winners in our 1st Annual Christmas Kick-Off



Caroline Parrent, winner of the Ski-Optiks sunglasses, given away by SPORTS OASIS owned by local Jon Goettig.

No picture available

Lisa Edwards (right) pictured with Vice-President at RIDGECREST COMPUTER CENTER. Leslie Sandberg, (left) was winner of a \$25 gift certificate.



Mgr. of ROYAL SUITE WATERBED, John Slaughter (left) shown with winner Jeri Mears (center) who took home a complete queen size waterbed. Also shown is our very own Pat Doughtie.



Connie Harven (right) won a \$10 gift certificate from UPTOWN IMAGE SALON & BOUTIQUE, given by owner Evelyn Andreoli.

GRAND PRIZE WINNER



Bonnie Mathis was the winner of the Mitsubishi VCR which was awarded by Chalfant Press General Manager Pete Doughtie.

The winner in Loewen's drawing was unknown at press time.

Once Again - We had a **Great** turnout in our drawing. Watch for our 2nd Annual Christmas Kick-off next November!

NAVCARE clinic expansion expected soon

Navy medicine has relieved some of the burden from naval hospitals and medical clinics by coming up with a better way to serve the medical needs of active duty family members, retirees and their families. NAVCARE clinics were established to provide quicker, more convenient access to the Navy's health care system.

In the past, naval hospitals and clinics were severely overcrowded. NAVCARE clinics help balance out

some of the patient overflow by providing non-emergency services.

San Diego got one of the first four NAVCARE facilities opened in late 1986. Six more, including a second in San Diego and one each in Long Beach, Oceanside and San Francisco will open in the near future.

Although active duty members are eligible to use the clinics, their family members along with retirees and their eligible dependents are the primary beneficiaries of NAVCARE clinics.



These facilities will be staffed by licensed and credentialed civilian physicians, nurses and physician's assistants.

Individuals must have a regular military identification card and be enrolled in DEERS to use the clinics. NAVCARE clinics should be used when an illness or ailment is not serious enough to require a specialist or surgery. The clinics provide only primary care, not emergency treatment.

NAVCARE staffs can also treat minor abrasions, simple fractures, sprains, lacerations, burns, animal bites and non-emergency allergic conditions. These facilities can also provide lab tests, x-rays and appropriate medicines free of charge for patients.

Seasonal problems such as colds and flu may cause greater patient loads and the possibility of long waiting times since patients are seen on a first-come, first-served basis. (NES)

Navy offers early out for many in military

Enlisted men and women and active duty reserve officers who complete obligated duty before Oct. 1 of this year can be released from the Navy up to 90 days early. The early out is contingent on the commanding officer's judgement that an individual's release will not adversely impact readiness.

The early outs are offered as a means of reducing the number of people on active duty because of reduced

funding of the Navy's pay account.

Pilots, TARS, individuals scheduled to retire and those on medical or administrative hold are not eligible for the early release program. Reliefs for people leaving the Navy early will normally arrive at the original projected rotation date.

NAVOP 116/87 has details of the current fiscal year's early release program.

Dental plan a big hit

Department of Defense officials have been heartened by the participation of military families in the DOD Active Duty Dependents Dental Plan. They have also been heartened by the level of participation by dental care providers in the nationwide program.

The Navy, with 95 percent, showed the highest percentage of eligible active duty sponsors enrolling their dependents in the program. The Marine Corps has reported an 82 percent participation level.

Delta Dental Plan of California, the contractor administering the program,

has sent listings of participating dentists to most military medical and dental facilities, personnel support offices, Family Service Centers and the health benefits advisors at military hospitals and clinics.

Participating dentists are those who agree to accept the dental plan's allowable charges for covered services, plus the patient's cost-share as the full fee for care they provide under the plan. The dentists also file claims with Delta Dental for active duty family members.

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Batteries Not Included PG
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Classes to get in shape with



China Lakers who have made a New Year's resolution to get into shape and lose those extra pounds can do so pleasantly and safely, thanks to programs offered at the Naval Weapons Center's indoor pool by the Youth Activities Branch to help in this effort. These include:

- Aqua Aerobics is being offered by Nancy Aigner. Swimming is not required, but all exercises are done in the water making this class ideal for individuals with physical difficulties.

- Adult stroke improvement classes give swimmers the skills to improve stroke or breathing techniques.

Instructors are there to help and guide students as they get in shape and stay in shape.

- Water Aerobics is led by the staff lifeguard, and is an hour-long program that tones muscles and increases endurance.

- Swim and Fit is a Red Cross self-paced program allowing participants to select the time to swim which best fits their schedule. This has been recognized as an excellent means for building and maintaining strength and vigor.

For additional information and a schedule of classes call the NWC ext. 2334 or register at the Center Gym.

Flyfishers offering fly tying sessions

Anglers who'd like to get ready for this year's Sierra season (or for fishing any time, any place) are invited to attend the winter/spring fly tying class sponsored by the Aguabonita Flyfishers. The class begins Thursday, Jan. 14, at 7 p.m. at Grace Lutheran Church in Ridgecrest. This class session is open to all interested persons.

During the first class, information on class structure, schedule and fees will be discussed.

Tying tools are available from the club, at no cost, for use during the class, which will meet each week through March 31.

Further information can be obtained by telephoning 375-5810.

Owens River fishing as good as weather

Although the weather in the Owens Valley has been cold - snow fell several times during the past couple of weeks - those who tried dipping lines into the Owens River did reasonably well with fishing. Best fishing was in the vicinity of Big Pine.

The end of the water fowl season is approaching rapidly. Duck season ends this Sunday evening; duck hunt-

ing has been very poor this year and has improved only slightly since Christmas.

Goose hunters in the Owens Valley are doing quite well at this time. The end of goose season is Jan. 17.

Best bet for sports up north is still skiing, either down hill or cross country.

Volleyball anyone?

Anyone interested in playing volleyball for the Naval Weapons Center volleyball team is asked to call coach Jerry Kissick at NWC ext. 3441.

Additional information about this opportunity is available from Mike Slobodnik at the Recreational Services Department's Sports Branch, NWC ext. 2334.

Keeping a safe boat

The rated capacity of a boat is the maximum number of people and amount of equipment that you can safely allow in the boat under normal weather conditions in calm waters. If you're in unprotected waters and weather conditions turn bad, you may end up with too many people in the boat even though you're complying with the boat's rated capacity. Dumping the extra passengers

overboard is hardly the practical (or humane) answer. It would be much better not to load the boat to rated capacity when you start your trip.

— Naval Safety Center

Safety still key

A good eye protector should always be part of your basic equipment when suiting up for a game like racquetball, handball or squash. The best protectors are hingeless glasses, with the lens and frame made of polycarbonate or comparable material.

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Steroids add danger factor to athletics

Anabolic steroids are synthetic male hormones that can help an athlete build muscle mass. The U.S. Olympic Committee prohibits their use, and college athletes have been disqualified for using them. Military athletes who use them cannot participate in interservice competitions. After all, they give an athlete an unfair advantage in the short run, and using them is "cheating."

End of story?

Not quite. Taking steroids can damage the heart, liver and immune system. Some of this damage may be long-term and irreversible.

Steroids can also affect behavior. "I've seen guys go into what's called a 'roid rage' — an uncontrollable rage that can last up to three hours," said Cdr. Bill Ahrens, a nurse with the

Navy Medical Command in Washington, D.C.

The Navy and Marine Corps received reports that an increasing number of their people were using steroids as an adjunct to strength conditioning — and promptly prohibited the use of steroids for anything other than a legitimate medical need as determined by a physician. Sailors and Marines abusing steroids are subject to punishment under Article 92 of the Uniform Code of Military Justice. Like the Marine Corps and Navy, the only use for steroids in the Army and Air Force is in the legitimate treatment of medical problems.

Medically, steroids are used to treat certain forms of anemia, burn patients and people who are extremely underweight. But some doctors are even backing away from prescribing them

for medical reasons. Finnish doctors, for example, recently took a group of elderly people off steroids — when a large proportion of the group, being treated for weak bones, began to have heart attacks.

Perhaps the most important consideration for military organizations is the effect steroids can have on unit readiness.

"The service member who is on steroids is simply not fit for the mission the military trained him for. He represents a danger to himself and a very direct threat to a unit's ability to accomplish a task. It doesn't matter whether the individual's job is one of support or one involving direct combat — if you've got an individual who's more subject to heart attacks or uncontrollable rages, you've got a

problem," said Navy Dr. (Capt.) Robert Hain, the Marine Corps' director of medical programs.

Steroids raise the blood's level of low-density lipid cholesterol — "bad" cholesterol — and lower the level of "good," or high-density, lipid cholesterol. This can lead to clogged arteries and heart attacks.

Steroid use can also lead to other unpleasant changes. As the sport of bodybuilding has become more popular with women, so has steroid use. Females taking steroids can see their breasts shrink, their skin get yellow and their periods stop. Their voices become mannish and their skin breaks out. They, too, are subject to roid rages. One female said she changed from a "soft, fawnlike creature" to a "raging bull" who threw her husband

against the wall when he showed up late for supper.

Health officials are worried by reports that boys as young as 13 have started to use steroids in the hopes of athletic stardom or a "Rambo" appearance. Steroids can cause boys to develop larger breasts and severe acne. And while steroids increase a female's sex drive, they can cause males to become sterile and impotent. Their effect on behavior can be especially dangerous for teen-agers, whose psychological changes come fast enough without any chemical help.

In short, said Hain, "There are no shortcuts to strength and athletic excellence. The only safe way to become strong is to eat right and spend a lot of time and sweat working out — not money on drugs."

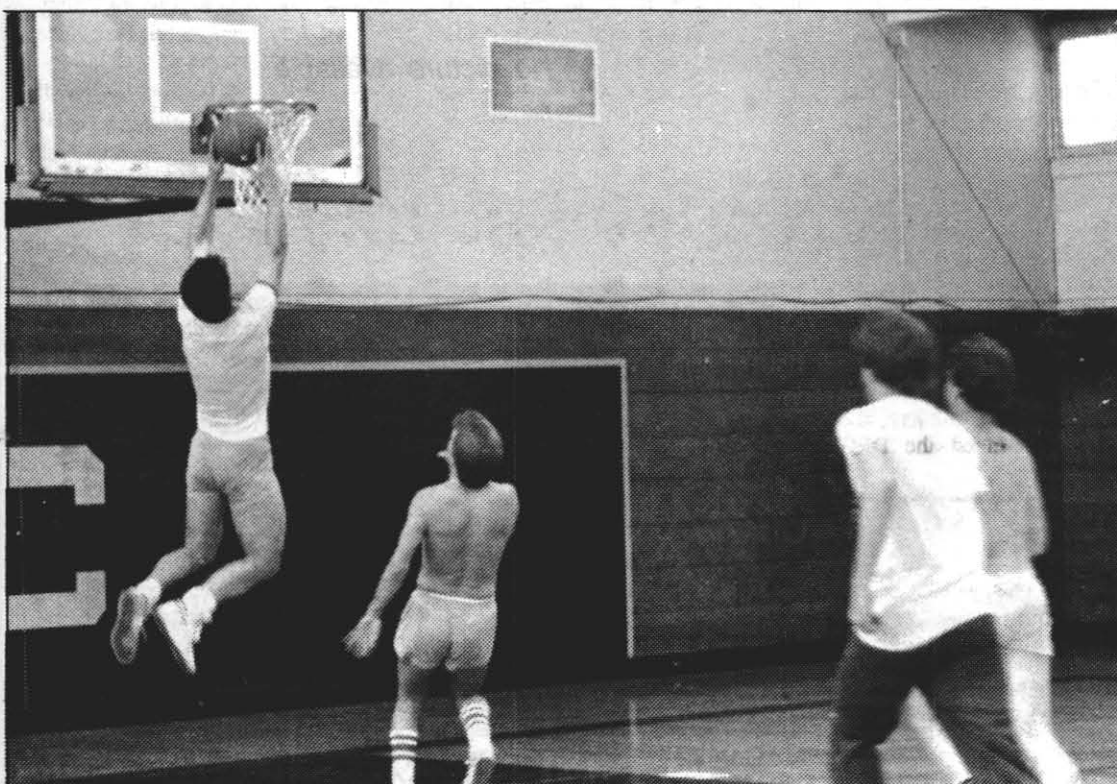
Motorcycle training a must for riders under age 18

Since January 1, applicants under 18 years of age have had to complete an approved motorcycle training course before they could receive a class 4 motorcycle operating license, according to the California Department of Motor Vehicles.

Everyone taking a motorcycle training course must have a valid pas-

senger vehicle or commercial driver license, or they can have any class of DMV instruction permit and show evidence of satisfactory completion of a driver-education program, driver-training course, or both.

More information about motorcycle training courses can be obtained by telephoning (800) CC-RIDER.



RECREATION—Lunch time at NWC finds the Center Gym full of people seeking exercise and recreation as a change of pace. Photo by PHAN Cary Brady

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- 6) 1978 Ford Stake Bed F350, minimum bid \$3500
- 7) 1986 Bayliner and trailer, minimum bid \$6000

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