

# What a shopping list!

Be glad you don't have to do grocery shopping for the estimated 6,500 athletes, trainers and coaches participating in the 10th Pan American Games in August.

Here is a partial grocery list for them while they are living for about three weeks at Athletes Village, Fort Benjamin Harrison, Ind.



|        | Max | Min | Peak Gusts |
|--------|-----|-----|------------|
| Thurs. | 101 | 72  | 31 knots   |
| Fri.   | 85  | 62  | 33 knots   |
| Sat.   | 86  | 52  | 18 knots   |
| Sun.   | 86  | 54  | 17 knots   |
| Mon.   | 87  | 55  | 20 knots   |
| Tues.  | 85  | 54  | 26 knots   |
| Wed.   | 90  | 50  | 16 knots   |

All measurements are made at Armitage Airfield.

|                  |               |
|------------------|---------------|
| Eggs             | 9,849 dozen   |
| French fries     | 18,868 pounds |
| Sirloin steak    | 20,297 pounds |
| Avocado dip      | 157 quarts    |
| Enchilada sauce  | 333 quarts    |
| Hamburger rolls  | 4,623 dozen   |
| Broccoli spears  | 3,668 pounds  |
| Grapefruit juice | 283 gallons   |
| Shark steak      | 1,381 pounds  |
| Corn on the cob  | 1,218 dozen   |
| Fresh eggplant   | 2,170 pounds  |
| Crab meat        | 1,041 pounds  |
| Soy sauce        | 5 gallons     |
| Kumquats         | 57 cases      |
| Papaya           | 763 boxes     |
| Fresh pineapple  | 359           |
| Peach pie        | 770           |

## Community Events

Heart fitness through diet and aerobic exercise will be discussed at a presentation in the Center theater on Friday, July 31 from 9:30 to 11:30 a.m. All China Lake personnel are encouraged to attend.

Making the presentation will be LCdr. R. G. Skaggs, head of the Aviation Physiology Training Department at Lemoore Naval Air Station. LCdr. Skaggs had been scheduled to make this presentation last month, but had to cancel due to a family emergency. Four million people in the United States are treated for coronary heart diseases (CHD) annually and half of them eventually die from such diseases. CHD is the leading cause of

death in this country since about 50 percent of all deaths are CHD-related.

Non-controllable factors influencing the development of CHD include age, sex and family history. Controllable influences are diet, smoking, obesity, lack of exercise, alcohol, psychosocial and behavioral action. LCdr. Skaggs will talk about the controllable factors and will answer questions.

He served as a Hospital Corpsman for seven years. He holds a bachelor's degree in zoology and a master's degree in exercise physiology from Northwestern State University of Louisiana.

## Movies

FRI.-SUN. JULY 24-26  
"THE MORNING AFTER"  
Starring  
Jane Fonda and Jeff Bridges  
(Suspense, rated R, 103 min.)

TUES. JULY 28  
MATINEE  
"WILD PONY"  
Starring  
Marilyn Lightstone and Art Hindle  
(Family Drama, rated G, 88 min.)

WED. JULY 29  
"BRIGHTON BEACH MEMOIRS"  
Starring  
Jonathan Silverman and Blythe Danner  
(Comedy, rated PG-13, 110 min.)

THURS. JULY 30  
MATINEE  
"101 DALMATIANS"  
(Animated, rated G, 79 min.)

Starting Times: Matinee / 2 pm Evening / 7 pm

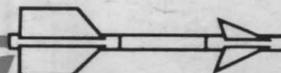
(G) ALL AGES ADMITTED  
General Audiences  
(PG) ALL AGES ADMITTED  
Parental Guidance Suggested  
(R) RESTRICTED  
Under 17 Requires Accompanying Parent or Adult Guardian

Concert Assn. sets '87-88 season--P. 10

Little League season ends with loss--P. 9

# NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001



Vol. LXII, No. 29/July 24, 1987

## Geothermal power plant goes on-line July 15

Navy Geothermal Plant One, Unit One in the Naval Weapons Center's Coso Geothermal Resource Area went on-line at 3:21 p.m. Wednesday, July 15, producing 5 megawatts of electricity. By Monday morning the plant was producing its rated capacity of 25 megawatts. Peak demand for all NWC operations is 20 megawatts of power.

The plant will be shut down this weekend to permit inspection of parts, including bearings, to ensure that these function properly before going back on-line to produce the electricity to meet all the Center's demands. The electricity produced is going into the power grid.

This plant alone will provide the Navy with utilities cost savings of \$47 million during its first 10 years of operations, and full development of the geothermal field will offer savings in the hundreds of millions of dollars over the years.

Dr. Carl Austin, head of the Geothermal Program Office in the Center's Public Works Department, expressed his delight that the plant is operational.

"I've been involved with Coso geothermal for nearly 25 years," he says, "and a whole lot of people put their heart and soul into making this go in the face of a lot of well-meaning opposition."

Dr. Austin noted that in addition to China Lakers, those responsible for bringing the program to fruition were the Western Division, Naval Facilities Engineering Command and the Naval Facilities Engineering Command in Washington, D.C.

"And," he adds, "those in private industry like Jim Moore and Charles Condy of Cal Energy. They took a big risk and showed great faith in investing nearly \$75 million to drill the

wells and build the 25-megawatt-capacity Power Plant Unit One."

The plant itself represents state-of-the-art technology. To avoid potential air pollution problems, for instance, it is the first in the world to use a closed loop system for noncondensable gases and then pump them back into the reservoir.

It is also the first ever to have an

uphill two-phase flow from the well-field to the power plant. According to LCdr. Keith Haan of the Geothermal Program Office, this sends gases and liquids in the form of steam and brine to the plant in a single pipe that goes uphill from the wellhead. Many other features of the plant are also being implemented in the United States for the first time.

The development has come at no capital cost to the Navy, other than administrative cost for monitoring the contract. An estimated 200 jobs were provided at the peak of construction, with 17 full time jobs anticipated at the plant when construction is complete.

Three drilling rigs are emplaced at Coso now, with three more expected.

While these are operating, they will put an estimated \$900,000 per month into the economy of the local area—from Lone Pine through Inyokern and Ridgecrest, and on into Bakersfield. This addition to local income is expected to be steady for the next couple of years while drilling continues.

(Please see picture on Page 3)



HUMMING ALONG — Power Plant One, Unit One of the Coso Geothermal Project went on-line last week, and now produces

enough electricity to meet all the Center's needs and still put additional power into the grid.

140 RIDGECREST BLVD  
RIDGECREST, CA  
375-7914

## DESERT MOTORS USED CARS

6907 WOFFARD HEIGHTS  
WOFFARD HEIGHTS, CA  
376-2254

2 LOCATIONS

### —SPECIAL-SPECIAL-SPECIAL—

1979 Pace Arrow - by Fleetwood  
28' Motorhome, low miles, immaculate



EXCELLENT CONDITION!  
Won't last long at this Price!

**\$23,999**

No. 9759

'85 FORD Bronco - full size, XL, 4x4

Real Nice for the Price!

**\$12,999**

No. 9766

'86 MERCURY Lynx - 4 dr. Hatchback, auto.,  
A/C, cruise control

What a Bargain **\$6,999**

No. 9680

### HOT DEALS FOR THE SUMMER!!

'86 OLDSMOBILE Calais Supreme - loaded to the hilt **\$9,999**

No. 9772

'84 OLDSMOBILE Cutlass Supreme BRGHM; loaded - **\$7,499**

No. 9578

'84 DODGE Ram 150 Pick-up, short bed, 6 cyl., 4 sp. - **\$3,999**

No. 88524

'83 OLDSMOBILE Delta 88, Royale blue beauty - **\$6,499**

— Loaded —

No. 9572

'81 DATSUN 280Z 2 2, Real dream machine - **\$7,999**

GOTTA SEE THIS ONE!

No. 95674

'79 LINCOLN Town Coupe, Extra clean - **\$3,999**

No. 97124

'84 FORD F-250 - Super cab, 4 sp., A/C, tilt wheel, **\$9,999**

cruise control — a steal

No. 9617

Stop In & See What Other Vehicles We May Have  
That Might Suit You!

## Dale Knutsen wins Technical Director's Award

Dale Knutsen of the Anti-Surface Planning Office in the Weapons Department received the Naval Weapons Center's Technical Director's Award last Friday for a series of accomplishments.

Gerry Schiefer, NWC Technical Director, noted Knutsen has been superb in his support of special programs of the Weapons Department, a continuation of the record of superior performance he's established in a variety of programs.

The letter of nomination for the award written by Dillard Bullard, head of the Weapons Department, specifically mentions Knutsen's work as primary author and catalyst of the Tentative Operational Requirement (TOR) and Decisions Options Paper for the Advanced Strike Weapon System.

Bullard comments that Knutsen's work on these and the lack of parochialism as well as his "savvy in resol-

ving or defusing constructs" provided the impetus to allow the CNO to select the best approach to satisfying a critical fleet requirement in an expeditious manner.

"Mr. Knutsen has proven time after time to be pro-active, responsive and totally professional in supporting time critical requests for Naval Weapons Center information and trade studies needed by various Washington agencies," the letter continues.

"Dale's corporate knowledge of other service and foreign anti-surface weapons systems has been a trusted asset."

The nomination adds that "he tracks fleet weapon utilization and highlights emerging problems requiring attention. He is currently actively pursuing the development of a ready room trainer which will provide simulation and practice to aviators on the use of sophisticated weapons systems."

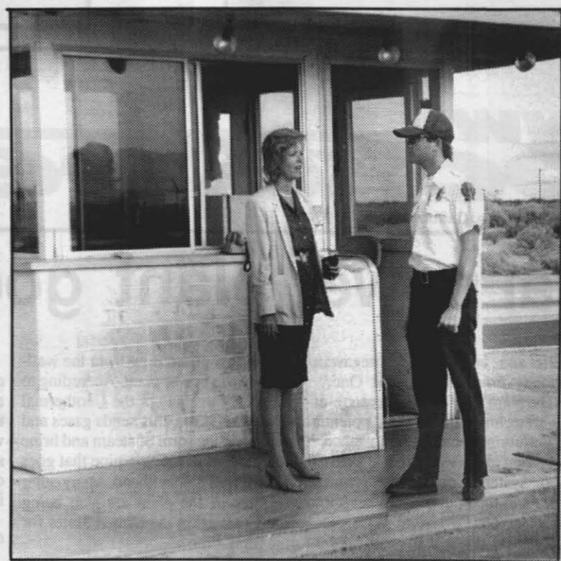
Knutsen expressed his appreciation for the award, but emphasized that many in the Code 39 Department Office (where the award was presented) shared in the work that it represented.

Knutsen, an aerospace engineer, holds a bachelor's degree from Cal Poly. He joined the NWC workforce in January 1966.

(Please see picture on Page 3)



# Gail Dembeck new TRCO



**BUSY**—Gail Dembeck talks with one of the Pan Am guards. She now serves as interface between NWC and the guards.

New Security Contract Administrator is Gail Dembeck, who will handle quality assurance for the guard services performed on the Center.

Ms. Dembeck's title is Technical Representative Contracting Officer or TRCO—a slightly different title and function than that of the COTRs for other types of contracts.

Her tasks include scheduling guard services for customers in technical codes when they need such guards for tests, meetings, moving equipment or other tasks. She also monitors the guards, serving as an interface between the Center and Pan American.

In addition, she's responsible to see that the guard shacks and guards are safe, secure and adhering to NWC regulations.

"If anyone has a problem with guards or guard services, please call me, not Pan Am," Ms. Dembeck says. "In an emergency, I can be reached 24 hours a day, either at my normal NWC extensions of 2947 or 3890, or just by telephoning the China Lake Police Department."

She says that her background fits beautifully with her new assignment. "I'm just one semester short of a degree in criminology, so I've got some background in the law enforcement field, and I've got a Supply Department and contracts background as well."

She has worked in a number of different departments on the Center since she first came to work at China Lake as a WAE in 1973. The longest time, however, since then she spent in the Supply Department where she learned some of the contracting procedures needed to be either a COTR or a TRCO. She will take a Security Contracting Class in Fort Worth, Texas in August, and will take additional classes here.

As well as taking classes required for work, Ms. Dembeck intends to complete her degree and then work towards a master's degree as well in the Center's external degree program. This, plus spending as much time has possible with her two daughters, Denise, 11 1/2, and Diana, 10, ensures that her days are full. "Boredom is no problem," she notes.

Center employees who have business at the main gate are encouraged to use the parking lot behind the new visitor center for parking. This will leave the front parking lot for visitors.

Access to this parking area is located at the south end of Bullard Avenue and West Bowen Avenue.

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**NWC HOTLINE**  
Integrity, efficiency program  
Call: NWC ext. 3636 (24 hrs.)  
or call the Inspector General at  
(800)522-3451 (toll free)  
288-6743 (Autovon)  
(202)433-6743 (commercial)

## 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) 1:00 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.
  - Religious Education Classes (Sunday) 10:30 a.m. (September thru May)
- Jewish**
- Weekly Services (Friday - East Wing) 7:30 p.m.
  - New classes will begin in September

Chaplain J. Milton Collins, CAPT, CHC, USN  
Chaplain A. J. Smith, CDR, CHC, USN  
Chaplain Claude R. Beede, LT, CHC, USNR  
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## NWC Rocketeer

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Bishop, CA 93514 (619) 873-3535

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**MOBILE MUSIC SERVICES**  
"When you want the best"

DARRIN CLODT 377-4304/377-4961  
You're not partying until we're there!

### 13 General Services

**NEW TO INDIAN WELLS VALLEY**, mobile music services. C&C Productions will provide music services for any occasion. Dances, parties, wedding receptions, etc. Call Darren at 377-4304 or 377-4961. R-13-7/24-2fnc

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**M&B MAINTENANCE**. Call us for your maintenance needs. 30 years experience. Call 375-2519 or 375-2633. R-13-7/31

**PROFESSIONAL LAWN CARE** at affordable prices! Weekly or 1 time service. Call the Yard Doctor. 375-4156. R-13-7/31

**GRANNY SITS** any time, over night, weekly, weekends, 7 days a week. New births welcome, complete nursery. 375-1463. R-13-7/24-1fnc

### 34 Miscellaneous

**RCA FLOOR MODEL** color TV, \$150. Ask for Kevin. 375-9529. GR-34-8/7-4fnc

**COMPUTER** - portable, Corona 640K, 20 Meg Seagate hard disc, DDS basic, \$1,200. 375-9341. GR-34-8/7-4fnc

**TRACTOR**: Ford diesel series 4000, four cylinder with skip loader and tined scraper, \$5,500. 375-9270. GR-34-8/7-4fnc

**TRAILER FOR SALE**, 14' flatbed 5th wheel. Tandem axle, removable side boards, new tires, hitch included, \$3,500. 446-2487. GR-34-8/7-4fnc

**WESTERN SADDLE**, 15 1/2" seat, oxblood with silver. Excellent cond., used only twice, \$250, 375-2488. GR-34-8/7-4fnc

**APPLE II #**, 64K, 2 disk drives, monitor, 80 column card, screenwriter, fscalc, visicalc, modem, appletworks, database, graphics, manuals, \$875. 446-5305. GR-34-8/7-4fnc

**WANT TO SELL** that old bike behind the garage? Let the Rocketeer Ad Dept. do the selling! Find out about our "Guaranteed Results" Program. Call 375-8808. R-34-7/24-2fnc

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**FROST THE BAND** available for bookings for clubs, wedding receptions, private parties, etc. For information call 375-3654. R-34-7/31

**FOR SALE**: Radio control model aircraft, cars, ready built, kits, engines and supplies. 375-5080 dir. R-34-9/25

**JOYCE'S ANTIQUES** in Inyokern has a wide selection of antique jewelry, pottery, such as Bauer, Hull, McCoy, Roseville, Redwing & Welier. Also round oak tables; secretaries, china cupboards, sterling flatware, serving pieces, salt & pepper, fine china, lamps, iron & brass beds, wagon wheels, etc. Layaways welcome. 377-5415 or 375-4028. R-34-7fnc

**FROM ARGO SMITH TO LED ZEPPLIN**, the Who to AC/DC, over 100 albums must go. I'm turning C.D. 375-0433 or 375-1454. R-34-8/14-4fnc

**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. R-34-8/7-4fnc

**MUST SELL**. Mint Wurliitzer baby grand piano, dark walnut, built-in humidifier, beautiful sound. 939-2758 or 446-3310, ask for Pam. R-34-8/14-4fnc

### 42a Homes for Sale

**OLANCHA**  
Neat, clean, 1 1/2 bath, 3 bedroom home on nearly 1 acre. Completely fenced & cross fenced, 10 ton hay storage, 2 1/2 car garage, sep. studio. \$72,500, assum. loan, Owens Valley Realty, 873-7109. R-42a-8/7-4fnc

**61 Apartment for Rent, Furnished**  
1 BDRM. APTS., furn., \$400, utilities paid, no pets. 124 E. Dolphin, 375-9124 & 375-2512. GR-61-8/7-4fnc

**62 Apartment for Rent, Unfurn.**  
2 BDRM., 1 BDRM., range, refrigerator, carpet, drapes, evap. cooling, exceptionally clean, water, trash, cable T.V. pd., no pets, \$350. Agent 375-8577. R-62-8/7-4fnc

**3 BDRM., 1 BA DUPLEX**, dishwasher & washer/dryer hook-ups, water paid. Fenced yard, near school, \$475/mo., if paid by the 1st. 375-3383. R-62-8/7-4fnc

**NICE 1 OR 2 BDRM.** unfurnished apt. No pets. GR-71-8/7-4fnc

**"GUARANTEED RESULTS"** when you run your classified ad with the Rocketeer Advertising Dept. Come by our office at 206 Balsam or Call 375-8808. R-71-8/7-4fnc

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1986 SUZUKI MOPED, 500 mi., \$350, 375-4727. R-72-8/7-4fnc

1986 YAMAHA VERAGO 700. Blue Book \$3,450, less than 800 miles. Make reasonable offer. 446-7196. R-81-tfc

**73 Motorhomes & Campers**  
1974 HARVEST MINI MOTORHOME, \$5,000. 5 Motorhome rims, \$35 each. 375-3136, call after 5 p.m. GR-73-8/7-4fnc

**78 Oldsmobile Regency**, 79,900 miles. Must see to believe it. \$2,350, phone 375-3427. GR-81-8/7-4fnc

**76 Oldsmobile Regency**, 79,900 miles. Must see to believe it. \$2,350, phone 375-3427. GR-81-8/7-4fnc

**76 Pinto S/W V6**, auto trans., A/C, AM/FM, cassette audio, new battery, new tires, runs great. \$1,300. 377-4989. GR-81-8/7-4fnc

**1963 Triumph TR4** convertible, classy and fun to drive. A steal at \$2,500. Call 375-8209. GR-81-8/7-4fnc

**1969 International Welding Truck** with Lincoln 200 welder. Call 375-3145. GR-82-8/7-4fnc

**1974 Yamaha RD 350**, original low miles, good shape. Includes new tires, battery, head light, mirrors, \$450 or make offer. 375-6013 or 375-3327. GR-72-8/7-4fnc

**1981 Honda Motorcycle CM 400**, runs great but needs battery, \$550. Call Frank, 446-5909. R-72-8/7-4fnc

**HARLEY 80 C.I. FXE**. Just rebuilt with lots of chrome, low miles, 5 gal. tanks, new tires, \$3,600. 375-0263. GR-72-8/7-4fnc

**86 Honda XL 600**, like brand new, 3,000 me. Never taken off the road. Give me what I owe, \$1,680. 446-3742. R-72-8/7-4fnc

**1983 BMW R80ST**, Must sell. Excellent bike. \$2,500 or best offer. 375-5192. B-72-7/12-

**63 Business Properties for Rent**  
FOR LEASE soon new commercial building, 2100 sq. ft. "Downtown." Call 375-2934 or 375-2045. GR-63-8/7-4fnc

**WHAT TYPE OF COMMERCIAL RENTAL DO YOU NEED?** Professional offices? Computer facility? Assembly area? Light Mfg.? All available now! 3 phase electric power, M2 zoning, 45 cents sq. ft. 375-6882. R-63-8/7-4fnc

**66 Room for Rent**  
HOMEY TOUCH - affordable rate. Nicely furnished room, bath, color TV, refrigerator, maid service. From \$97.50 weekly, \$25 daily, near base. El Rancho Motel, 1445 W. Inyokern Rd., 446-6209. R-66-8/7-4fnc

**69 Condos for Rent**  
3 BDRM., 2 1/2 BA, in Green Acres Townhome. Pool & spa, \$650/mo. plus \$700 dep. 446-3808. R-69-8/7-4fnc

**71 Boats**  
1986 BAYLINE 1400, excellent condition, many extras, \$4,875. 375-3104. GR-71-8/7-4fnc

**17' MONARK FIBERGLASS FISHING BOAT**, 85 hp, Suzuki outboard with power trim, good trailer w/accessories. \$2,000. Call 446-5170 after 5 p.m. GR-71-8/7-4fnc

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1986 BAYLINE 1400, excellent condition, many extras, \$4,875. 375-3104. GR-71-8/7-4fnc

**17' MONARK FIBERGLASS FISHING BOAT**, 85 hp, Suzuki outboard with power trim, good trailer w/accessories. \$2,000. Call 446-5170 after 5 p.m. GR-71-8/7-4fnc

**1978 VIP 18 1/2' V-HULL BOAT**, walk thru bow, 228 hp, 1/0, new upholstery, towing cover, extra prop, canopy, seats 9. \$6,800 or best offer, 375-2889. See at NWC lot. GR-71-8/7-4fnc

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**72 Motorcycles**  
1986 SUZUKI MOPED, 500 mi., \$350, 375-4727. R-72-8/7-4fnc

1986 YAMAHA VERAGO 700. Blue Book \$3,450, less than 800 miles. Make reasonable offer. 446-7196. R-81-tfc

**73 Motorhomes & Campers**  
1974 HARVEST MINI MOTORHOME, \$5,000. 5 Motorhome rims, \$35 each. 375-3136, call after 5 p.m. GR-73-8/7-4fnc

**78 Oldsmobile Regency**, 79,900 miles. Must see to believe it. \$2,350, phone 375-3427. GR-81-8/7-4fnc

**76 Oldsmobile Regency**, 79,900 miles. Must see to believe it. \$2,350, phone 375-3427. GR-81-8/7-4fnc

**76 Pinto S/W V6**, auto trans., A/C, AM/FM, cassette audio, new battery, new tires, runs great. \$1,300. 377-4989. GR-81-8/7-4fnc

**1963 Triumph TR4** convertible, classy and fun to drive. A steal at \$2,500. Call 375-8209. GR-81-8/7-4fnc

**1969 International Welding Truck** with Lincoln 200 welder. Call 375-3145. GR-82-8/7-4fnc

**1974 Yamaha RD 350**, original low miles, good shape. Includes new tires, battery, head light, mirrors, \$450 or make offer. 375-6013 or 375-3327. GR-72-8/7-4fnc

**1981 Honda Motorcycle CM 400**, runs great but needs battery, \$550. Call Frank, 446-5909. R-72-8/7-4fnc

**HARLEY 80 C.I. FXE**. Just rebuilt with lots of chrome, low miles, 5 gal. tanks, new tires, \$3,600. 375-0263. GR-72-8/7-4fnc

**86 Honda XL 600**, like brand new, 3,000 me. Never taken off the road. Give me what I owe, \$1,680. 446-3742. R-72-8/7-4fnc

**1983 BMW R80ST**, Must sell. Excellent bike. \$2,500 or best offer. 375-5192. B-72-7/12-

**63 Business Properties for Rent**  
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**66 Room for Rent**  
HOMEY TOUCH - affordable rate. Nicely furnished room, bath, color TV, refrigerator, maid service. From \$97.50 weekly, \$25 daily, near base. El Rancho Motel, 1445 W. Inyokern Rd., 446-6209. R-66-8/7-4fnc

**69 Condos for Rent**  
3 BDRM., 2 1/2 BA, in Green Acres Townhome. Pool & spa, \$650/mo. plus \$700 dep. 446-3808. R-69-8/7-4fnc

**71 Boats**  
1986 BAYLINE 1400, excellent condition, many extras, \$4,875. 375-3104. GR-71-8/7-4fnc

**17' MONARK FIBERGLASS FISHING BOAT**, 85 hp, Suzuki outboard with power trim, good trailer w/accessories. \$2,000. Call 446-5170 after 5 p.m. GR-71-8/7-4fnc

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# Welcome aboard for new JPs

New Junior Professionals who reported before July 1 are being hosted at this month's Welcome Aboard being held Tuesday, July 28, beginning at 5:30 p.m. at the Commissioned Officers' Mess. JPs being welcomed are: John Basken, Sharon Battershell, Joel Campbell,

Michael Coe, Neil Decker, Roger Durtschi, Charles Ezeike, James Farley, Melvin Graff, Dale Hamilton and Jeff Hilde. Other JPs being welcomed are: Anthony Klissus, Kenneth Koch, Mark Lambert, Patrick Lebrun, Mariin Mallory, Desmond McPherson, Robert Mount,

Daniel Ommen, Rosa Sanchez, William Walters, Kenneth Wesche and Edward Yamada. A donation of \$4 is requested to help offset costs from all attendees other than the JPs being welcomed.

# FERS Transfer Handbook corrections

Congress passed legislation removing an 18-month "gap" in survivor benefits protection for CSRS employees who transfer to FERS. The following changes to the "FERS Transfer Handbook" should be made to reflect this legislation.

On Page 26, under the section entitled Survivor Benefits, remove "FERS" and "(after you transfer)" from the 8th line. The line should now read "have 18 months of service..." In the 13th line, remove the phrase "in FERS," changing the line to read "participated for 18 months, the only money..."

On Page 34, under the section entitled If You Should Die Soon After Choosing, remove the second paragraph, which starts "Should you die as an employee..."

Still on Page 34, under the section entitled Summary of Situations That Could Make Switching to FERS a Problem, remove the words "the necessary service under FERS or," on the second line after the third bullet. This part now reads "Retiring on disability or dying before you've earned adequate Social Security coverage."

In the section If You Die as an Employee on Page 49, under the subheading entitled "FERS", beginning on the third line, remove "but requires 18 months of service under FERS. The way the law is written right now, if you choose to transfer to FERS, your survivors will not be eligible to receive FERS survivor benefits" and the words "within the first 18 months after you transfer. This law may be changed in the future." This paragraph now reads "FERS also pays benefits to the eligible survivors of an employee who had at least 18 months of creditable civilian service if you die."

Under the section Transfer Considerations on Page 50, remove the words "under FERS" in the fourth line; changing the line to read "month requirement. Offset employees..."

Remove the word "FERS" from the seventh line of the section entitled FERS on Page 55. The line should read "only 18 months of service."

On Page 57, under the section entitled Transfer Considerations remove the word "FERS" from the second-to-last line, changing it to read "credited toward meeting the 18-month service rule for death benefits."

In the third line of the third paragraph on Page 62, remove the word "FERS," changing the line to read "plete 18 months of service before your family has..."

Finally, the phrase "under FERS" should be removed from the third and fourth lines of the first section under the FERS block in the Comparison Table, Page 7 on Page 84. This section should now read "FERS will pay benefits to the eligible survivors of a worker who had at least 18 months of civilian service."

# TSP open season to close July 31

Open season will close July 31 for the Thrift Savings Plan (TSP). During this season individuals have the opportunity to change their current enrollment, or make an initial participation election.

The next TSP open season will be November 15, 1987 through January 31, 1988. Those with questions about the TSP should contact their PMA or Virginia Spille, NWC ext. 2592.



# The Skipper Sez...

### QUESTION

**Civilian employee --** Commander, I am a civilian employee with asthma. Since there are smoking regulations in effect as to where people can smoke, is there anyone who may go around to check to see if the regulations are being enforced? That is, to check on the situation without a complaint being filed? I found that some supervisors get quite hostile when one of the workers complains about the regulations not being enforced.

### ANSWER

It is the intent of the regulations on smoking to protect the health of all personnel on the Naval Weapons Center and I expect all supervisors to assure that the provisions of NAVWPNCENINST 5100.16A are enforced. Given the Center's attempt to reduce overhead expenditures, I do not think it is necessary, nor cost effective, to have special monitors checking on these particular requirements. Workspace supervisors are responsible for assuring that all applicable regulations are enforced in their area and are subject to the same administrative action as anyone else for failing to carry out their responsibilities.

### QUESTION

Good morning, Captain. I was reading the Rocketeer a while ago and it had a question in regard to the gymnasium. I, also, have had several complaints with it — maybe they do clean the locker rooms on a daily basis, I am sure they do, but the weight room is filthy. I would appreciate it if you could go over and look at the equipment they have in the weight room. That is very expensive equipment and if they would just take a rag and wipe it down, at least people would be able to get on it. I have heard lots of complaints and I, myself, will not go over there and use the weight room because of the filth. It is filthy and I don't — well, I would use the weight room if it wasn't so filthy. It's really disgusting. Thank you very much, Captain.

### ANSWER

Gymnasium staff are now scheduled to clean weight equipment more frequently on a weekly basis. This should correct the problem.

### QUESTION

**Civilian employee --** I am calling in regard to the conditions in the base theater during the concerts. Apparently, they are not aware of how hot it gets, particularly in the back of the theater by intermission. Even if the theater is cold to begin with, it becomes uncomfortable because of the body heat of all the people attending the concert. This has been going on now for some time and the people in charge say they can't do anything about it. I would appreciate some response from someone who is in charge. Thank you.

### ANSWER

The heating/cooling system at the Center Theater is antiquated and in need of replacement. A project has been submitted to correct that discrepancy (along with the stage lighting, stage floor, and dressing room discrepancies). The problem is compounded at certain concerts where noise reduction is a concern. The IWV Concert Association turns off the blowers during the concerts. Although they turn the system on again during intermission, this does not allow enough time to get the facility cooled down.

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.

# AIAA dinner July 30

Dr. Allen E. Fuhs will lecture on radar cross section at the annual dinner meeting of the local chapter of the American Institute of Aeronautics and Astronautics to be held at the Commissioned Officers' Mess on Thursday, July 30.

Dr. Fuhs, a distinguished professor at the Naval Postgraduate School, is immediate national past president of the AIAA. His talk will be of particular interest to those not engaged in working with radar cross section. All interested persons are invited to attend the dinner, which starts with a

social hour at 6 p.m. and dinner will be served at 6:30.

Tickets can be purchased in advance for \$11 per person or at the door for \$12 per person. Those selling tickets in advance include John Faron in Ridgecrest, 446-7941; in Michelson Laboratory, Doug Blanchard, NWC ext. 2627, and Dale Gates, NWC ext. 3493; on the ranges, Dennis Sorges, NWC ext. 6401, and John Rourke, NWC ext. 3383; and at CLPL, Alan Yehle, NWC ext. 7249, and Tony Walls, NWC ext. 7395.

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**IMPORTANT OCCASION—**Dale Knutsen of the Anti-Surface Planning Office in the Weapons Department, who has just received a Technical Director's Award, is joined by Gerry Schiefer, who made the presentation, and Capt. John Burt, Center Commander. (Story p. 1)

# Julia LeBlanc wins award

Julia LeBlanc, who chaired the Center's American Heritage Week in June, received a Commander's Award for Mission Support for the outstanding success of that event.

Capt. John Burt, NWC Commander, expressed the appreciation of Command for the wide range of cultures that have combined to produce the Center's workforce and for the appropriate recognition of this multicultural background made during this

annual event.

The letter of nomination written by Kathy Kraft, Deputy Equal Employment Opportunity Officer, said "It is significant that American Heritage Week activities are not a part of Ms. LeBlanc's normal duties. Her volunteer efforts are evidenced by her ability to accomplish her normally heavy work load in addition to spending over 100 hours of her own personal time devoted to an event of this

magnitude." The letter continues, "While it is difficult to assess specific impact of these activities, numerous telephone calls and letters indicate that in addition to an EEO function, American Heritage Week has become a symbol of good public relations." The award was presented to Ms. LeBlanc at a farewell luncheon held for her last Friday before she transferred to Camp Pendleton, California.



**JOB WELL DONE—**Julia LeBlanc is congratulated by Capt. John Burt, who has just presented her the Commander's Award for her chairmanship of American Heritage Week.



## China Lake Police Reports

A 55-gallon drum containing chemicals was stolen from Warehouse 15.

China Lake police made a warrant arrest of an NWC employee and booked the employee in jail in Ridgecrest. The warrant charges the employee with theft of government property and with receiving stolen property.

Two golf bags with clubs were found on the golf course. They can be reclaimed by their owners from the China Lake police station.

Two cars collided in the parking lot at the golf course. No injuries were sustained, but moderate damage resulted to the vehicles.

A motorcyclist was found speeding on the golf course access road. The cyclist was stopped and advised of NWC regulations regarding off-road vehicles.

A false fire alarm was turned in on a box in the 2000 block of Coral Sea Circle at 6:47 p.m., Monday.

At 11 p.m. Tuesday police contacted a subject at the Lemon Lot who had burglary tools in his possession. A further check revealed that there was a felony warrant from Los Angeles on this subject, so he was taken to juvenile hall in Bakersfield.

A child in the Old Duplex area was bitten on the chin by a dog. The dog has been quarantined.

In a petty theft burglary, a cable TV converter box was removed from BEQ 3.

A juvenile was spotted shoplifting bubble gum at the Navy Exchange. The youngster was detained and released to his parents.

### 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. 22-8729, Supervisory Recreation Assistant, PS-0189-5, \$5.19 per hour, Intermittent Scheduled, Code 2225 - Incumbent is responsible for operation of the theatre, inventory, scheduling, and managing of staff for nightly movies as well as for other theatre functions. Incumbent must be available as an attendant for other group functions and responsible for center theatre operation. **Job Relevant Criteria:** Knowledge and skill in supervising personnel; ability to run Xetron projector; ability to complete time sheets on theatre personnel; ability to deal with the public in a pleasant manner.

No. 22-8731, Publicity Specialist, AS-0303-4/5, \$5.31-\$6.65 per hour, Regular Full-Time, Code 22022 - Incumbent produces printed publicity materials for the Recreational Services Department using various graphics equipment and supplies. Incumbent uses written and oral media to communicate program information to eligible patrons. **Job Relevant Criteria:** Knowledge of journalism, typesetting, paste-up, and layout. Knowledge of typesetting desirable. With sufficient experience, incumbent may be started at the AS-5 level.

#### Motorcycle safety tips

Wear Protective Apparel

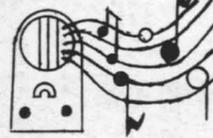


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## Fall schedule for Cal-State Northridge

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

EE 365: ELECTRONICS I (4 units)  
September 1 — December 17; lecture on Tuesdays and Thursdays, 1610-1740; laboratory on Wednesdays, 1530-1830; Training Center for lectures and Cerro Coso Community College for laboratory. By Robert Hunt, NWC ext.3079. Prerequisite: CSUN EE 260: Electrical Engineering Fundamentals or CCCC Engr. 25: Electrical Circuits or equivalent.

Scope: Linear, piecewise-linear, and nonlinear models for active devices and their interaction with passive network elements; characteristics and behavior of solid-state devices, such as transistors, operational amplifiers and diodes; small signal amplifiers and their analysis.

Text: "Microelectronic Circuits," Sedra and Smith, Holt, Rinehart, and Winston, 1987.

Note: This is a core course for the BSEE and a foundation course for the MS in electrical engineering.

EE 568A: DIGITAL SIGNAL PROCESSING I (3 units)  
September 1 — December 17; Tuesdays and Thursdays; 1610-1740; Training Center. By Dr. William Arnold III, NWC ext. 3493.

Scope: Difference equations, state equations, and frequency-domain analysis of discrete-time systems; fast Fourier Transform algorithms; Tellegen's theorem and sensitivity analysis; network structures for digital filters; digital filter design.

Text: TBA

Note: This is a core course for the MS in electrical engineering.  
EE 557B: SIGNAL DETECTION AND ESTIMATION THEORY (3 units)  
August 31 — December 14; Mondays; 1610-1910; Training Center. By Professor Pettit, CSUN.

Scope: Classical detection theory, classical estimation theory, review of representations for random processes, signal detection, signal estimation, linear estimation and filtering applications of detection and estimation theory to radar, modern radar synthesis by decision-theoretic methods.

Text: "Detection, Estimation, and Modulation Theory, Volume 1," Van Trees, Wiley and Sons.

AM 542: FINITE ELEMENTS METHOD IN MECHANICS (3 units)  
August 31 — December 18; Mondays, Wednesdays and Fridays; 1130-1230; Training Center. By Dr. Craig Porter, NWC ext. 2824.

Prerequisite: AM 410: Mechanical Vibrations or equivalent.  
Scope: Study of structural mechanics problems by use of finite element method. Course will cover review of background information, formulation of the various basic elements, assemblage of elements and application of the method to selected topics in structural mechanics.

Text: "Applied Finite Element Analysis," Segerlind. John Wiley and Sons, latest edition.

Reference: "Concepts and Applications of Finite Element Analysis," Cook. John Wiley and Sons, 1981, second edition. "The Finite Element Method," Zienkiewicz. McGraw-Hill, 1977, third edition.

EE 462: INTRODUCTION TO SOLID STATE DEVICES (3 units)  
September 1 — December 19; Tuesdays and Thursdays; 1130-1300; Training Center. By Dr. Wade Swinford, NWC ext. 2951/250.

Prerequisite: EE 360A: Linear Systems I and EE 365: Electronics 1 or equivalent.  
Scope: The electric and magnetic properties of materials are examined with emphasis on engineering applications. Typical devices which are considered include ohmic and non-ohmic contacts, photo-voltaic cells, PN junction devices, ferroelectric energy converters, ferrite devices and integrated circuits.

Text: TBA.

ME 575B: CONVECTIVE HEAT AND MASS TRANSFER (3 units)  
August 31 — December 14; Mondays and Wednesdays; 1610-1740; Training Center. By Professor Sidney Schwartz, CSUN, (818) 885-2187 (message) and (818) 885-3884. Please note that this course will be taught by videocassette tape with four visits during the semester by the professor. The dates of the professor's visits will be arranged with the class after the semester commences.

Prerequisite: ME 375: Heat Transfer I or equivalent and a course in fluid mechanics.

Scope: Theory and application of convective heat and mass transfer; free and forced convection in laminar and turbulent flows; heat transfer with change of phase; mass transfer applications including ablation and transpiration cooling, condensation and evaporation.

Text: TBA. A set of course notes will be available for purchase at the first class meeting.

BEHSCI 312: SOCIAL PSYCHOLOGY (5 quarter units)  
September 23 — November 25; Wednesdays; 1610-2110; Training Center. By Professor Travis, CSB.

Prerequisite: One course in psychology or sociology is recommended, but not required.

Scope: Group affiliation, group standards, social perception, reference groups, and other social influences on the behavior of individuals. Topics include: The self and society, attitudes and an attitude change, social perception, attraction and love, aggression and violence, and group dynamics.

Note: This course satisfies General Education Group VII for CSB students.

GENERAL COMMENTS

1. Textbooks are available at local bookstores.

2. Job-related courses other than those listed above must be approved on an off-Center Training Request (DD 1556) before registration if NWC is expected to pay for the training. For more information, contact Cecil Webb, NWC ext. 2648.

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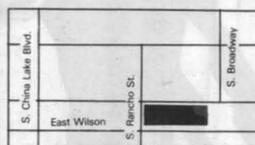


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| ASSORTED METAL SNIPS Reg. \$4.59 <b>3.47</b>             | ECKO NYLON SPATULA Reg. \$1.79 <b>1.27</b>                       | DRAWING FOR FREE COVERED FRYING PANS                      | RUBBERMAID MICROWAVE DUAL ACTION TURNABLE Reg. \$24.99 <b>18.37</b> | RUBBERMAID SELF-CLOSING WASTE BASKETS Reg. \$9.59 <b>6.97</b> | RUBBERMAID WASTE-BASKET Reg. \$5.29 <b>3.87</b>                | RUBBERMAID NEAT-N-TIDY BUCKET Reg. \$3.69 <b>2.77</b>               | 24" SHELF ANCHORS Reg. \$10.59 <b>5.47</b>                    | 36" SHELF ANCHORS Reg. \$14.99 <b>8.97</b>                     | 48" SHELF ANCHORS Reg. \$19.89 <b>11.97</b>                    |
| METAL SNIPS 3-PC. SETS Reg. \$11.99 <b>8.97</b>          | COMBINATION FLEX WRENCHES ANY SIZE Reg. \$3.99 <b>2.47</b>       | RUBBERMAID DISH PAN Reg. \$3.29 <b>2.27</b>               | RUBBERMAID LAUNDRY BASKET Reg. \$5.79 <b>3.97</b>                   | RUBBERMAID 3-GALLON STORAGE CONTAINER Reg. \$5.59 <b>2.97</b> | RUBBERMAID 8-GALLON STORAGE CONTAINER Reg. \$11.89 <b>8.57</b> | RUBBERMAID 16-GALLON STORAGE CONTAINER Reg. \$17.29 <b>10.97</b>    | AUTOMATIC POWER BIT DRIVER Reg. \$4.99 <b>3.17</b>            | THERMOMETER BIRD FEEDER Reg. \$3.99 <b>2.17</b>                | TRAVELING CLOCK Reg. \$5.99 <b>3.47</b>                        |
| DRAWING FOR FREE QUART PEN WATCHES                       | 40-PIECE SOCKET SETS Reg. \$6.99 <b>4.47</b>                     | 20-PIECE COMBINATION WRENCH SET Reg. \$19.99 <b>10.97</b> | ELECTRONIC CALCULATOR Reg. \$13.99 <b>8.97</b>                      | DRILL BIT SET Reg. \$39.99 <b>24.97</b>                       | DRAWING FOR FREE WORK GLOVES                                   | COMPASS CLOCK W/COIN HOLDER Reg. \$6.99 <b>3.97</b>                 | MICRO 110 CAMERA W/KEYCHAIN Reg. \$6.99 <b>2.97</b>           | 6" METRICK INCH & DECIMAL RULER Reg. \$2.95 <b>1.97</b>        | DRAWING FOR FREE 9x12 OUTDOOR GRASS                            |
| 6-TON HYDRAULIC JACKS Reg. \$19.97 <b>24.99</b>          | 33-PIECE REVERSABLE RATCHET SETS Reg. \$7.99 <b>3.77</b>         | 5-PC. SET OFF SET WRENCHES Reg. \$29.95 <b>16.97</b>      | 6" METRIC & INCH CALIPER Reg. \$13.99 <b>8.97</b>                   | MIRROR JR. LOAF PAN Reg. \$4.35 <b>2.97</b>                   | FOLEY 2-QT. SAUCE PAN Reg. \$8.69 <b>5.97</b>                  | ANTROL 6 OZ. ANT KILLER Reg. \$2.29 <b>1.47</b>                     | 5-INCH SLIP JOINT PLIER Reg. \$3.89 <b>2.97</b>               | JOBE'S INSECT SPIKES FOR ROSES Reg. \$9.49 <b>5.77</b>         | ORTHO TRIOX VEGETATION KILLER Reg. \$4.98 <b>3.07</b>          |
| 10 or 6 FOOT MEASURING TAPES Reg. \$3.99 <b>2.47</b>     | FOOT PUMP Reg. \$7.99 <b>3.77</b>                                | BOX END WRENCH SET Reg. \$29.99 <b>13.97</b>              | 1" MICROMETER Reg. \$20.59 <b>18.97</b>                             | MIRRO 8" SAUTE PAN Reg. \$6.35 <b>3.97</b>                    | FOLEY 3-QT. SAUCE PAN Reg. \$10.25 <b>6.87</b>                 | ANTROL 2.50 OZ. ANT POWDER Reg. \$2.79 <b>1.77</b>                  | 4 1/2-INCH END NIPPER Reg. \$6.19 <b>4.97</b>                 | PIN POINT GRAPHITE Reg. \$2.45 <b>1.97</b>                     | ORTHO DIAZINON GRANULES 3 LB. Reg. \$10.98 <b>6.27</b>         |
| SURVIVAL SHOVELS Reg. \$16.99 <b>7.97</b>                | WALL COAT RACK Reg. \$4.99 <b>2.07</b>                           | CEMENT & MASONRY 9-PC. SET Reg. \$29.99 <b>18.97</b>      | 0-1" MICROMETER Reg. \$20.59 <b>14.97</b>                           | MIRRO 10" SAUTE PAN Reg. \$7.50 <b>4.97</b>                   | FOLEY 10-INCH FRY PAN Reg. \$12.95 <b>7.47</b>                 | ORTHO 10 OZ. ROSE & FLORAL DUST Reg. \$4.59 <b>2.87</b>             | DRAWING FOR FREE RUBBERMAID SERVING SAVERS                    | 1 1/2-INCH INSPECTION MIRROR Reg. \$4.09 <b>2.97</b>           | DEADLINE FOR SNAILS & SLUGS Reg. \$4.75 <b>2.57</b>            |
| SURVIVAL KNIVES Reg. \$19.99 <b>9.97</b>                 | 10-PC. SET ROTARY BURRS, FILES & RASPS Reg. \$34.99 <b>22.97</b> | HORSESHOE SET Reg. \$38.95 <b>16.97</b>                   | UTILITY KNIFE BLADE Reg. \$1.49 <b>97¢</b>                          | MIRRO 6 QT. SPEED COOKER Reg. \$46.50 <b>29.97</b>            | FOLEY 5-QT. SAUCE POT Reg. \$16.35 <b>9.57</b>                 | QUARTZ PEN WATCH Reg. \$2.99 <b>1.97</b>                            | 5-INCH LONG NOSE PLIER Reg. \$5.95 <b>4.97</b>                | 4 1/2-INCH LONG NOSE PLIER Reg. \$6.19 <b>4.97</b>             | STANDARD DEADLOCK Reg. \$47.59 <b>29.97</b>                    |
| DRAWING FOR FREE TELEPHONE WITH MUTE & REDIAL            | 6-PUNCTION ALL-IN-ONE TOOL Reg. \$9.99 <b>4.97</b>               | BUG KILLER Reg. \$19.99 <b>12.97</b>                      | MINI BURRS, BITS & STONES Reg. \$12.99 <b>7.97</b>                  | CAKE PAN Reg. \$8.99 <b>5.97</b>                              | PRECISION POINT KNIFE Reg. \$3.99 <b>2.97</b>                  | INSTRUMENT OIL Reg. \$2.75 <b>1.77</b>                              | STUBBY RATCHET SCREWDRIVER Reg. \$6.29 <b>3.97</b>            | MAGNETIC RETRIEVER & PROBE Reg. \$4.29 <b>2.97</b>             | STANDARD DEADLOCK Reg. \$27.59 <b>19.97</b>                    |

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# Outstanding NRS worker Free uniforms at NRS

Navy Relief Society volunteer Linda Doucet not only served as a receptionist in the local office, but also knitted sweaters, booties and caps for the "first sea bag" given to qualified service personnel or their dependents expecting a baby. What makes this item newsworthy—since all local

NRS personnel are volunteers, usually military wives—is that she is the wife of a Canadian Forces officer, Lt. Joe Doucet.

"I wish I'd known I could be a Navy Relief volunteer when we got here a year ago," she says, "but it took me until April to discover I could

serve." From April to mid-July, she has worked more than 100 hours as an NRS volunteer.

Her volunteering here has drawn to a close because the Doucets are now on their way back to Canada to CFB Cold Lake at Medley, Alberta.

"I've really enjoyed my stay down here," she says, "because it's been so different from any place I've ever lived." That is quite an understatement. The daughter of a Canadian officer, much of her childhood was spent living at tiny, remote radar stations in northern Canada.

"The only time that I've lived in a big city was when I was in nursing training, so this community is even a little bigger than the ones I'm used to," she adds. "And we've taken every opportunity since we've been in California to travel throughout the state."

CFB Cold Lake, she notes, is by a lake that has water in it—cold water—and has a mean temperature well under the Mojave's summer heat.

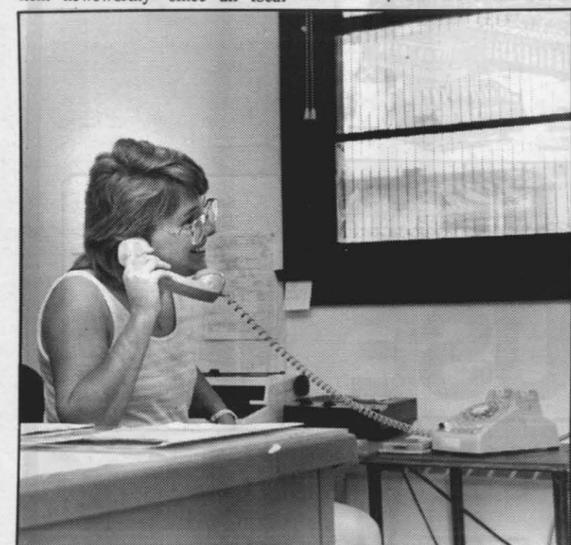
"I'll miss working for Navy Relief," she concludes, "because it's been such a satisfying way of spending my time. Being able to help people like NRS does is very fulfilling."

Anyone who is interested in learning what is needed to become a NRS volunteer is encouraged to telephone the local office during office hours of 11 a.m. to 2 p.m. Mondays, Wednesdays and Fridays at 446-4746.

Used Navy and Marine Corps uniform items are available free at the Navy Relief Society office.

On hand are blues, whites and some khakis, as well dungarees for both men and women. The Marine Corps uniform parts are primarily for men.

Any active duty who can use any of these uniform items can pick them up without having to fill out any paperwork. The NRS Office, located at 1811 Lauritsen, is open Mondays, Wednesdays and Fridays from 11 a.m. to 2 p.m.



VOLUNTEER—Linda Doucet, wife of Canadian Forces Officer Joe Doucet, spent many of her hours at China Lake as a Navy Relief Society volunteer.



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Gwen Dyck - Broker

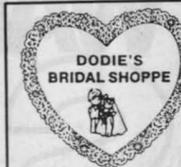


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BBQ Ribs & Chicken, Corn on the Cob and Baked Beans

**Tuesday, Mexican Day**  
Chicken in Red Mole, Steak Ranchero, Pork in Tomatillo Sauce

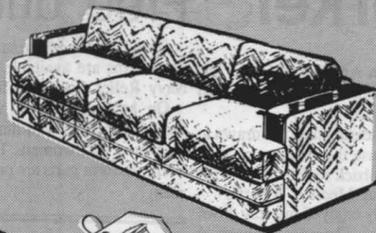
**Wednesday, French Day**  
Beef Bourguignonne, Seafood Newburg and Chicken Coq Au Vin

**Thursday, Italian Day**  
Manicotti, Tortellini with Clam Sauce and Beef Ravioli

**Friday, Seafood Day**  
Catfish Cajun Style, Codfish with Lobster Sauce and Fiss Puffs  
Served with a selection of salads, vegetable and rice or potato.

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Promotional opportunities

Applications for positions listed in this column will be accepted from appointable Department of Navy employees within the area of consideration and from eligible employees of attached activities who are permanently assigned to NWC unless otherwise specified in the ad. Appointable means career or career conditional employees, temporary employees with reinstatement or VRA eligibility and employees serving under Veterans Readjustment Appointments (VRAs). Alternative recruitment sources may also be used in filling these positions: vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements including minimum qualification requirements by the closing date. Applicants will be evaluated on the basis of experience, education, training, performance ratings and awards as indicated in the SF-171 along with any tests, medical examinations, performance evaluations, supplemental qualification statements and/or interview that may be necessary. Career ladder promotions are subject to satisfactory performance and cannot be guaranteed. APPLICATION PROCEDURES: Candidates must submit a current SF-171, along with a supplemental qualifications statement (if required), and should submit a copy of their latest Annual Performance Evaluation if relevant to the vacancy. If a supplemental statement is not required, candidates are encouraged to submit additional information which then addresses the specific Knowledge/Skill/Abilities (KSAs) cited in the ad. Write the position title/series/level and announcement number on the SF-171 and all attachments. Be sure that your forms are complete and accurate since you cannot be rated on missing data nor will you be contacted for additional information. Be certain the SF-171 and supplement are dated and have original signatures in ink. All applications will be retained in the vacancy announcement file; they will not be returned or filled in official personnel folders. Applications and supplements are accepted at the Reception Desk, Room 100, Personnel Department, 505 Blandly. Ads close at 4:30 p.m. on Friday, one week after the announcement, unless otherwise specified. Applications received after 4:30 p.m. on the closing date will not be considered. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any non-merit reason.

No. 08-036, Clerk-Typist, GS-322-3/4, Code 0854 - This position is located in the Travel Branch of the Customer Services Division. The incumbent receives phone calls and answers routine questions; reviews travel orders; verifies entitlements; provides estimates and computes per diem, mileage, and other transportation costs; and performs other related duties. Job Relevant Criteria: Ability to research, comprehend and apply travel regulations; ability to perform routine clerical functions; to plan, organize and accomplish work independently; and to interact tactfully with all levels of NWC personnel. Promotion potential to GS-4.

No. 24-025, Lead Electronics Technician, DT-856-2/3, Code 2431 - This position is located in the Physical Security Branch, Safety and Security Department. This is a re-advertisement. Previous applicants need not apply. Incumbent leads four (4) other employees in maintaining NWC security systems. Additionally, incumbent performs maintenance, testing, troubleshooting, repairing and replacing components of a security system. Responsible for timely and accurate reporting of work results and performing detailed tasks. Job Relevant Criteria: Knowledge of electronics principles; ability to use electronic test equipment; ability to read schematics and engineering drawings; ability to work as a member of a technical team; ability to read and understand instructions and procedures; ability to lead a team of employees. Promotion potential to DT-3. Status eligible may apply.

No. 26-036, Planner and Estimators (Carpentry), WD-4607-2, Code 2613 - Temporary Promotion NTE 1 year; may become permanent at a later date. Completes inspection of buildings and structures as assigned. Job Relevant Criteria: Knowledge of pertinent materials; knowledge of pertinent tools and equipment; knowledge of technical practices; ability to facilitate production; ability to interpret instructions and specifications. A supplemental qualifications statement is required.

No. 26-037, Electrician Helper, WG-2805-5, Code 26410 - (2 vacancies). These positions are in the Maintenance-Utilities Division of the Public Works Department. The incumbents assist journeymen in measuring, cutting, threading, bending, assembling, and installing conduit for connecting various panels, outlets, and boxes. Help install electrical conduit used in wiring buildings; make simple splices and solder cables; help rewind armatures, fields, and coils; may replace defective wiring and make connections to new electrical installations. All work is done under direct supervision of a journeyman, or using detailed instructions. Job Relevant Criteria: Reliability and dependability; shop aptitude and interest; ability to follow instructions in shop; dexterity and safety; ability to work as a member of a team. Incumbents will be participating in a formal development program leading to qualification for assuming the duties of journeyman. Positions have promotion potential to WG-10; however, promotion is not guaranteed. Supplemental qualifications statements are required.

No. 26-039, Welder Helper, WG-3703-5, Code 26412 - Position is located in the Maintenance-Utilities Division, Public Works Department. Assists journeyman welder in making all major and minor repairs that require welding; brazing, burning on metal structures, machine parts, steam, water and propane lines, trucks, tractors, etc. Assists with making repairs to all types of broken or worn metal parts on all types of metals. Job Relevant Criteria: Reliability and dependability; ability to learn and advance (interest in welding); ability to follow directions in a shop; ability to work as a member of a team; safety and dexterity. Incumbent will be participating in a Pre-journeyman Development Program which will include closely supervised on-the-job and classroom training. Promotion potential WG-10. Supplemental statements required.

No. 26-040, Welder, WG-3703-10, Code 26412 - Position is located in the North Range Shop, Maintenance-Utilities Division, Public Works Department. Makes all major and minor repairs that require welding, brazing, burning on metal structures, machine parts, steam, water and propane lines, trucks, tractors, etc. Make repairs to all types of broken or worn metal parts on all types of metals. Job Relevant Criteria: Knowledge of materials, structures, etc. of the trade; knowledge of shop drawings, specifications, welding procedures, etc.; knowledge of safety procedures; ability to do the work of a welder without more than normal supervision; ability to plan, layout and set-up welding work; ability to use hand tools, measuring devices, etc. Supplemental statement is required.

No. 33-020, Supervisory Interdisciplinary (Physicist/General/Mechanical/Electrical Engineer), DP-1310/801/830/855-3/4, 3353 - This position is a Project Engineer is located in the Integrated Communications System Project Office. The prime function of this position will be to analyze user requirements, plan, design, specify, and integrate networks with emphasis on networking with the Fiber Optics Trunk System as part of the Centerwide Integrated Communications System Program. The incumbent will also analyze technology trends for network systems as it relates to existing and planned corporate NWC networks. The incumbent will also interface computer networks such as DECNET with fiber optics; networks using protocol standards such as IEEE 802, X.25; Networks with communication topologies such as Bus, Star, and Ring; and network transmission techniques such as baseband; extensive training will be provided for specialize network system design skills. To apply, submit current SF-171 to John LaMar, Code 145A, NWC ext. 4678. Previous applicants need not apply.

Personnel News & Notes

The position is that of Head, Exploratory Development Branch, Electromechanical Division, Fuze and Sensors Department. The branch is responsible for the exploratory and advanced development of safety-arming and arming-firing devices, contact fuzes, warhead initiation systems, bomb fuzes and related components. These devices are typically electromechanical with increasing emphasis on electronic components, microprocessors, and software design. Members of the branch provide consultation in the areas of mechanical system analysis, electronics, heat transfer, explosive train design, and software design. The branch is also responsible for the operation of the Computer Aided Engineering Facility in Code 335. Job Relevant Criteria: Knowledge of the exploratory and advanced development phases of guided missile development, particularly for safety-arming and arming-firing devices, contact fuzing and ordnance systems; knowledge of conventional weapons systems safety technical background encompassing electronics, mechanics, physics, software, and some chemistry; ability to direct, train, and provide leadership to a multi-disciplined group; ability to communicate clearly and effectively both orally and in writing; ability to interface with sponsors, contractors, and NWC management; willingness to support NWC EEO program; new supervisors will be required to serve a one year probationary period. Promotion potential to DP-4, but not guaranteed.

No. 14-013, Interdisciplinary (Electronics Engineer/Electrical Engineer/General Engineer/Physicist), DP-855/850/801/1310-2/3, Code 145A - The prime function of this position will be to analyze user requirements, plan, design, specify, and integrate video systems with the Fiber Optics Trunk System as part of the Centerwide Integrated Communications System Program. The incumbent will also analyze video systems technology trends as they relate to planned corporate video systems such as distribution of range test video, teleconferencing, and CATV signals. Major medias to be interfaced to includes fiber optics. Standards such as RS-170, RS-330, ANSI T1Y1, and NTSC may be used. Transmission systems may include compressed video and wideband point-to-point or point-to-multipoint broadcast video/audio transmission services. Extensive training will be provided for specialize fiber optics and video systems. To apply, submit current SF-171 to John LaMar, Code 145A, NWC ext. 4678. Previous applicants need not apply.

No. 62-031, Interdisciplinary (General/Mechanical/Electronics/Aerospace Engineer/Physicist), DP - 801/830/855/861/1310-1/2, Code 6214 - This position is located in the Warhead Test Branch, Ordnance Test and Evaluation Division, Range Department. The work of the Branch involves the static test and evaluation of warhead and explosives at multiple sites in Area R, Burro Canyon and CT-6. The primary effort of the incumbent is to plan, design, and execute the full spectrum of a test. This will involve any or all of the following activities: coordination and planning meetings with project personnel, definition of test techniques including cost and safety considerations; liaison with supporting disciplines such as optics, electronics, and mechanics; scheduling; direction of personnel during tests; and documentation of test results. Secondary efforts involve adapting new technology in optics, mechanics, electronics, and computers to improvements in test instrumentation, operating efficiency, and facility design. Must take training leading to the position of Firing Officer for tests. Send an updated SF-171 to W. Ledden, NWC ext. 6365, Code 6214.

Reassignment opportunities

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

No. 14-012, Interdisciplinary (Electronics Engineer/Physicist), DP-855/1310-2/3, Code 145A - This position is a Project Engineer is located in the Integrated Communications System Project Office. The prime function of this position will be to analyze user requirements, plan, design, specify, and integrate networks with emphasis on networking with the Fiber Optics Trunk System as part of the Centerwide Integrated Communications System Program. The incumbent will also analyze technology trends for network systems as it relates to existing and planned corporate NWC networks. The incumbent will also interface computer networks such as DECNET with fiber optics; networks using protocol standards such as IEEE 802, X.25; Networks with communication topologies such as Bus, Star, and Ring; and network transmission techniques such as baseband; extensive training will be provided for specialize network system design skills. To apply, submit current SF-171 to John LaMar, Code 145A, NWC ext. 4678. Previous applicants need not apply.

No. 33-012, Electronics Engineer, DP-855-2/3, (three vacancies), Code 3337 - These positions are located in the Short Range Missile Fuze Branch, which is involved in the design and development of proximity fuzes and test equipment principally using active optical technology. This branch is hardware-oriented and tasks routinely include work with digital and analog circuitry development, optical sub-systems development, laboratory and field testing to include captive flight testing, performing feasibility investigations and contract management in support of task goals. The incumbent will perform duties as a senior team member supporting programs in the branch, which includes conducting advanced fuzing studies and development of proximity fuze devices for SPARROW, RAM, and AMRAAM missile systems. Promotion potential: DP-3. To apply, please submit current SF-171 to Bill Vecchione, Code 3333, NWC ext. 1211.

No. 33-016, Interdisciplinary (Electrical/Electronics Engineer), DP-850/855-1/2, Code 3336 - This position is located in the Airborne Fuze Systems Branch, which is involved in design, development and production support of proximity fuzes and design support test equipment for fleet missiles. The incumbent will perform duties as part of a team supporting programs in the Branch, which includes Phoenix, AAAM, and others. Interest in signal processing is desirable with background in radar systems a real plus. Promotion potential: DP-3. To apply, send current SF-171 to Larry Morrison, Code 3336, NWC ext. 1146.

No. 33-014, Electronics Engineer, DP-855-2/3, Code 3384 - This position is located in the Weapons Survivability Laboratory (WSL) of the Survivability and Lethality Division, Fuze and Sensors Department. The WSL conducts tests of aircraft and weapons systems for survivability in combat environments. The incumbent will be responsible for the instrumentation of test articles and the acquisition and reduction of test data. Secondary duties involve the design, fabrication, planning, procurement, installation and check-out of new facilities and data acquisition systems. Knowledge of instru-

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. 00-008, Secretary (Typing), GS-318-4/5, Code 005 - Provides secretarial, typing, clerical and other administrative support to the Small Business Program Office. Promotion potential to GS-5.



**INTERESTING SPEAKER**—Dr. Glenn Buell, Jr., Chairman of the Board, President, and CEO of Comarco, Inc., talks to members of the National Contract Management Association about "What the Government Should Expect From a Services Contract." Speaker at the Aug. 19 meeting will be Thom Skeer, NWC Counsel, who will discuss "The New Revolving Door Statute." Reservations can be made by telephoning Jane Price, NWC ext. 2986.

## NOTES/PAGES from the Past

Serving as Technical Director of the Naval Ordnance Test Station (now the Naval Weapons Center) for 13 years was Dr. William B. McLean, who is credited with being the "father" of the Sidewinder missile.

A 1935 graduate of the California Institute of Technology, Dr. McLean entered government service at the Bureau of Standards in 1941 and transferred to China Lake in 1945.

Here he headed the Aviation Ordnance Department from 1950 through 1954, when he became Technical Director after Dr. Fred Brown left.

His most outstanding contribution was the design and development of the Sidewinder missile, for which he received a Presidential award of \$25,000, the maximum permitted at that time. He was also the recipient of the Center's L. T. E. Thompson Award; the President's Award for Distinguished Federal Civilian Service; the Rockefeller Public Service Award for Science, Technology and Engineering; and the Secretary of the

Navy Certificate of Commendation. The Sidewinder missile family is still one of the primary weapons in the United States arsenal and that of its allies.

As well as serving as Technical Director, Dr. McLean actively pursued his scientific and engineering career. He had become interested in submarines, especially midget submarines. Those who came aboard the Center in the early 1960s were astonished to find that the small submarine he named "Moray" poked out of the end of Wing 2 in Michelson Laboratory.

When the Navy Laboratories were reorganized in July 1967 and the underwater work that had been ongoing at China Lake was moved to the Naval Undersea Center (now NOSC) in San Diego, he decided to follow his interests in submarines and became the first Technical Director of that organization.

Dr. McLean died in his sleep at the age of 62 on Aug. 25, 1976. He had been retired a little over two years at that time.

## Use seat belt, save your life

Each year thousands of Americans die from disease whose cure is currently elusive. Strangely enough, one of the top five killers is highway vehicle accidents, which annually account for approximately 45,000 deaths. Studies by the National Safety Council and the U.S. Department of Transportation show that approximately 15,000 lives could be saved annually by safety belt usage.

In a recent study of 256 accidents where one occupant was using a safety belt and a companion in the same vehicle was not, it was found that the unbuckled occupants were five times more likely to be killed, three times more likely to be injured and were likely to incur four times more medical expenses than the occupants using a safety belt restraint system.

Most people accept the fact that wearing safety belts offers protection in an accident, but too few bother to find out exactly how much protection they can expect. People must become aware that safety belts will do their job only when fastened.

OPNAVINST 5100.C.12 and California Vehicle Code Section 27315(d) require occupants of motor vehicles being operated to use safety belt restraints. These laws and instructions will be strictly enforced on the Naval Weapons Center.

# E-7/8/9 Selection Board process given in detail

This is the third in a series of articles about the E-7/8/9 selection board process.

The sailor who decides early to make the Navy a career and immediately starts turning to on the job will get a head start with selection boards. Here are some things you can do to improve your chances before the board:

- Sustained superior performance is the single most important factor influencing advancement opportunities.

- Use GUARD III wisely. You will be better off to request GUARD III for a demanding job assignment (assuming you do a good job) instead of just trying to get a geographic location. Try to get into a supervisory position or at a small duty station where your potential can be recognized early. Once this is documented, shoot for larger stations where the operating tempo is greater and the number of subordinates you supervise is larger. Go that extra step for professional excellence.

- Keep a personal record of accomplishments throughout the evaluation period and when you are asked for input to your eval, submit NAVPERS 1616/21, summarizing your year's activities. Don't depend on the reporting senior to remember everything you did all year since he or she may have a large number of people to evaluate. Your input should be factual and provide enough detail to ensure no pertinent information will be left out. Flowery generalities can weaken the evaluation.

- Ensure your evaluations are properly typed, that there are no misspellings or other clerical errors. Remember, you will sign the eval and any such errors reflect on you as much as the command. Make sure the eval covers the correct period of time.

- Very important! Get a copy of your NMPC (official) microfiche service record and ensure it is up-to-date and in proper order. Do this at least six months prior to the board convening and at least once during each enlistment. *Note to E8/9 candidates: Ordering your microfiche record after November may delay placement of the latest evaluation on the microfiche masted so order prior to November.* The address for requesting the free copy of the service record is: Commander, NMPC Attn: NMPC-132 Navy Department Washington, DC 20370-5312

In the letter of request include full name, rate, Social Security Number and the address where the record should be sent. Be sure to sign your full name. It should take about six weeks to get the record. When it arrives, look it over carefully, making sure the Social Security Number and name are correct. Then, start reviewing the contents, page by page, making sure that each service page record is yours.

*Next: Updating the record.*



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### SAME meets

"The Plant and Facilities of the Leslie Salt Company" is the topic of a talk to be presented at the Tuesday, Aug. 4 luncheon of the China Lake Post of the Society of American Military Engineers to be held at the Commissioned Officers' Mess at 11:30 a.m.

Reservations are required. Those planning to attend must call Sam Miller, NWC ext. 3411/413, by Thursday. Menu selections are either the soup and salad bar at \$3.25 for members and \$3.50 for nonmembers or roast beef with mashed potatoes and gravy at \$5 for members and \$5.25 for nonmembers.

### Toll-free radio calls relayed by SPRINT

Service members stationed in certain parts of the world who have access to amateur radio facilities may have their radio messages relayed to their homes toll-free by telephone — to any part of the continental United States.

The service is provided by U.S. Service Personnel Radio International Network Traffic, a volunteer group of amateur radio operators, with headquarters in New Orleans and 20 or more operators at various locations throughout the United States. The long-distance phone tab is picked up by the U.S. SPRINT telephone company.

Principal areas where the service is currently available include ships at sea, Central America and South America, Cuba, Antarctica and Hawaii. In general, the service is available worldwide where third party, amateur radio traffic is permitted — that is, a transmitting radio station, a receiving station and a patch to a telephone system. There is no third-party agreement with European countries, however.

To use the service, locate an amateur radio operator on your ship or base. The operator should know if the service is available in your area and how to use it. The primary frequency is 14.313 megahertz, and the secondary frequency is 14.280, both on the 20-meter band.

"The service is available 24 hours a day for service members," said Tony Paladino, founder of the program, "But our operators gear themselves up for especially heavy traffic on holidays, such as Mother's Day, Thanksgiving and Christmas."

By Hal Haskins — American Forces Information Service

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# Fly fishing very successful this year

Fly fishermen are coming into their glory this year in the Owens Valley and the high country of the Sierra (as well as at the northern lakes). Both wet and dry flies are catching fish from Lake Diaz north to Twin Lakes at Bridgeport and spots in between. Anglers who aren't interested in using a fly rod are also catching fish with the fly-and-bubble combination on spinning rods. Back country lakes above Lone Pine have a lot of hungry golden

trout; those further north have either brookies or rainbows to tempt anglers willing to do a bit of hiking before dropping a line in the water. One depressing note: bass fishing in the Owens Valley is probably going to be appalling until the cooler weather of fall, although some catfish are still being caught in the warm water fishery. Fishing in Bishop Creek and Lake Sabrina has been excellent for pan-sized planted rainbows. South Lake

anglers did best last week by trolling with Dave Davis plus worm combinations, while those at North Lake and Intake Two did better with a fly and bubble combination. The Owens River is running high. Fishing is best in the canals or in the river itself with crickets or with green mosquito flies. The Upper Owens is best fished with lures at this time, with planted trout the main catch. Pleasant Valley Reservoir is best fished late in the day.

Eggs, worms crickets, and marsh-mallows all are catching the trout in Lower Rock Creek and Rock Creek Lake, and fishing in Convict Lake is spotty at best using these and Zeke's floating bait. Lake Crowley is dropping rapidly. Trout are biting inflated nightcrawlers or Triple Teasers. Perch are best caught with yellow and purple perch rigs. Hot Creek is strictly a barbless fly-catch and release stream. Anglers (and swimmers) are warned that the creek does have intermittent spots of very hot water and can be dangerous.

# Basketball team has 7-0 record

Summer Adult League Basketball at the Naval Weapons Center finds the Pioneer team sporting a perfect 7-0 record. McAdoo is next at 5-1. Games in this league are played at the Center Gym Tuesday through Thursday with the first game starting at 6 p.m. Fairchild is at 5-3, while Mead has a 5-4 record. Burgstahler boasts a 2-4 record while JTPA brings up the pack with a 1-7 overall mark.

# Kriste Garrett has a good day at the drag races

Kriste Garrett, 18, daughter of Dennis Garrett, who works in the Center's Public Works Department, scored an outstanding success in the Lynn McQuilliams Memorial Drag Races in Bakersfield last weekend. "Out of five honest rounds with 53 cars in the first heat," her proud father points out, "Kriste had both the top

speed and low ET for gasoline for the meet. Her speed was 162 miles per hour, and the ET was 8.46." She has been racing for about a year and a half, but served as her father's "pit crew" before that time; he has been involved with drag racing since 1950. She is driving her own dragster, the "Family Affair."

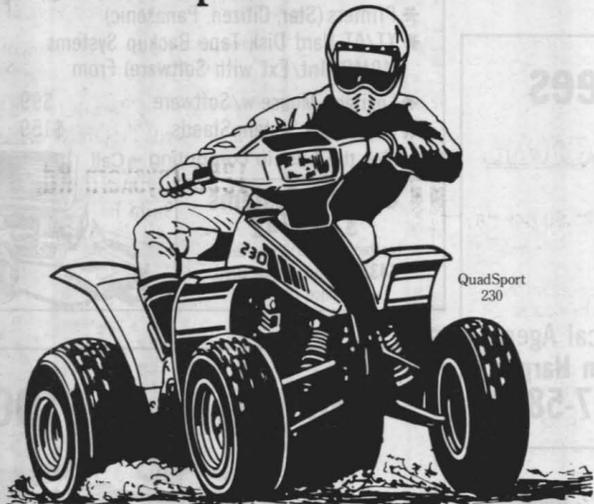
# Reservation applications available for fall hunting

Hunters will be happy to hear that reservation applications for fall deer and wild hog hunting season at Camp Roberts in the San Luis Obispo area are now available and must be returned by Aug. 8. A drawing will be conducted by the Department of Fish and Game on Aug. 10. For reservation applications, send

a stamped, self-addressed envelope to Camp Roberts Wildlife Program, Department of Fish and Game, P. O. Box 6327, Los Osos, CA 93412. Requests without a return envelope will be discarded. Hunters successful in drawing a reservation will be notified by Aug. 15.

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Don't hide key outside the door—under mats, flowerpots, over moldings, etc. If you can hide it, a burglar can find it. You want extra keys nearby, leave one with a trusted neighbor. Report to police any strangers loitering in your neighborhood or people asking strange or vague questions about your neighbors and their whereabouts. —Crime Prevention Unit China Lake Police Division

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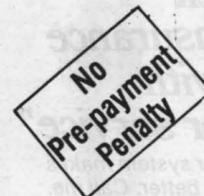
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## Tips given on glasses

What makes glasses safe? How can you be sure the safety glasses you are issued will provide the protection you need?

Obviously, safety glasses cannot protect you from all hazards. They won't stop speeding bullets. And they provide no protection at all if they are in your pocket. However, if they are manufactured to the proper specifications, and worn properly, they will provide reasonably adequate protection.

Eye-glasses (or spectacles) are made up of lenses and a frame. The frame can be plastic, metal or a combination of the two. Industrial spectacles must meet the American National Standards Institute (ANSI) requirements. Frames meeting the ANSI standard will be marked with a "Z87" on the front of the frame and on the temples.

Since January 1972, federal law has required that lenses of regular spectacles (commercial eyeglasses) be made shatter-resistant. This means exactly what it says — resistant to shattering, not immune to shattering.

Keep in mind that regular commercial eyeglasses are neither safety lenses nor are they unbreakable.

To be considered shatter-resistant, the lens must be capable of withstanding the impact of a half-ounce, 5/8-inch steel ball dropped onto the lenses from a height of 50 inches.

For industrial use, the lens must withstand a 1-inch diameter steel ball weighing 2.4 ounces and dropped from a height of 50 inches.

The glass for industrial safety glasses must be totally free of tiny air bubbles, striations and distortions. Its manufacture requires exacting techniques.

Safety lenses must be at least 3.0-mm thick and must be heat-treated. Regular commercial glasses must be 2.2-mm thick, and they may be treated chemically.

On industrial safety glasses, both lenses must be distinctly marked with the manufacturer's monogram.

Be wary of commercial glasses that are billed as "safety glasses" unless they meet ANSI Z87.1 and are marked as such.

If you feel you have specific eye-wear needs or any questions about safety eyewear, contact your local safety office. Your eyesight is valuable. Protect it.

— Naval Safety Center



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**OUCH!** — Even dog owners find it difficult to watch as their pooches get rabies shots at a Kern County Public Health Department clinic held recently. (The dogs don't seem very happy about it either, although the law requires that dogs have such shots.)

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Me and Fido think people should buy their wood now. It gets more 'spensive later on. Big pieces (logs) are \$85.00 for a pile (cord) (\$75.00 each for 3). A pile of little pieces (cut & split) is only \$110.00.

Phone 446-4615 soon!  
Me & Fido will tell Daddy you called (Dave or Debbie).

## China Lake All Stars loses to Kern River

Kern River Valley became the region's undefeated champions Wednesday night in an All Stars battle after they beat China Lake 8-0.

Saturday's double header saw Searles Valley triumph over Cal-City in a hard fought game ending with a score of 11-10. Despite a 2-RBI home run by Searles Valley's Danny Knight and two 2-RBI home runs by Cal-City's Matt Dickerson, at the end of the sixth inning, the score was tied, 10-10. In the seventh inning Searles Valley's Paul Giraud batted in the winning run with a solid double.

Kern River Valley had an easy win over China Lake in the second game with a score of 13-1. It looked like the teams were evenly matched until the

fifth inning when China Lake gave up eight runs and earned five errors.

In the first game of Monday's double header, China Lake edged out Cal-City with a score of 8-6. China

Lake leaped into the lead by four runs in the first inning, but Cal-City quickly tied the score in the second inning. China Lake's Mike Larson's 2-RBI home run in the third inning offset the

run scored by Cal-City in the fifth inning.

Kern River Valley slaughtered Searles Valley in the second game with a score of 21-0. Kern River Valley's James Hall pitched a perfect game, no hits, no runs. Amiel Holquin started the game with a home run for Kern River and in the second inning David Beard earned 4-RBIs with two home runs. From then on, it was easy sailing.

It was another disappointing night for Searles Valley on Tuesday when China Lake knocked them out of the tournament with a score of 16-12. The score was tied by the end of the third inning, but a 3-RBI home run by Steve Anderson jumped China Lake into the lead despite Searles Valley's home run by Danny Knight. Strong

hitting and a home run by Mike Larson in the fifth inning secured the win.

Excellent team work by Kern River Valley and five errors by China Lake All Stars made it an easy shut out for the undefeated champs. Kern River started the game with three runs in the first inning, adding an addition three runs in the third inning and their final run in the fifth inning. Kern River Valley's pitcher, Amiel Holquin, struck out 11 batters, allowed only three hits and walked two. China Lake's pitcher, Cedric Hamilton, struck out nine hitters, allowed eight hits and walked five.

The region's champs will begin their fight for the district championship Friday evening at Edwards.



**EAGER TO GO**—Chris Shoaf is eager to go to second base while Josh Hayes, Kern River Valley's first baseman, is urging the catcher to throw the ball for a chance to tag the China Lake player out at Wednesday's All Stars game.

## Swim team to compete Sun.

Members of the China Lake Swim Club will compete this Sunday in a Southern Pacific Masters Association sanctioned swim meet at Pico Rivera. Three China Lakers, Greg Holladay, Sam Miller and Lt. j.g. Marc Myrum placed in their last meet held in Santa Barbara.

Masters swimming competition is open to swimmers 19 years of age or older at all ability levels. The China Lake team holds regular workouts and takes part in competitive meets throughout Southern California.

For more information about the China Lake Swim Club or master swimming, call Sam Miller at NWC ext. 3411/413.

## Season ends

Desert Sun Air wound up the 1987 summer Intramural Softball League regular season with an 11-0 record. The regular season champions were then knocked off in the opening game of the double elimination championship tournament, 8-2 by TNT, a squad with a 7-4 regular season record.

The Outlaws, 10-1 for second place in regular season play, were easy winners in their first tourney game, romping past the Sea Level team 14-4. Also in tournament play, the Softball Team (8-3) stopped the Aint's (6-5) 14-6 and Bad-to-the-Bone (8-3) was handed a scare by WFTO (4-7) before edging to a 9-8 win.

The top eight teams in the 11-team loop are in the double elimination tourney. The championship game is scheduled for 6 p.m. on Tuesday, July 28 at NWC's Schoeffel Field.

### Final Standings

| Team          | Won | Lost |
|---------------|-----|------|
| Desert Sun    | 11  | 0    |
| Outlaws       | 10  | 1    |
| Bad Bone      | 8   | 3    |
| Softball Team | 8   | 3    |
| TNT           | 7   | 4    |
| Aint's        | 6   | 5    |
| Sea Level     | 5   | 6    |
| WFTO          | 4   | 7    |
| Ben Gay       | 3   | 8    |
| Survivors     | 3   | 8    |
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## '87-88 season set by Concert Assn.

Six outstanding concerts have been scheduled by the Indian Wells Valley Concert Association for the 1987-88 season.

The season will open on Thursday, Oct. 8, with the Redlands Symphony Orchestra under the baton of Jon Robertson, who serves as both conductor and music director.

On Tuesday, Nov. 17, lovers of Dixieland jazz can enjoy the lively sounds of the Side Street Strutters. This will be followed on Thursday, Jan. 28, 1988, with the exquisite playing of Peter Rejto on the cello.

Thursday, Feb. 29 local concertgoers can hear the superior musicianship of one of the finest classical guitar groups in the world, The Amsterdam Guitar Trio.

Theatre Ballet of Canada dances on stage at the Center theater on Tuesday, March 22; and Delphin and Romain, duo-pianists, will bring the season to a close on Wednesday, April 27.

All of the concerts will be held at 7:30 p.m. in the Center theater.

Current subscribers to the Indian Wells Valley Concert Association are asked to let the IWVCA know as soon as possible whether they wish to renew and if they wish to continue with the same seats they held last year. Renewals can be made by telephoning 375-5600; payment need not be made until early September. Each current subscriber should have received a renewal order.

Season tickets for the concerts are \$30, \$25, or \$20 for all six concerts, depending on seat location. Those who are under 21, over 65 or full-time enlisted military will pay \$19, \$16, or \$13 for the same locations.

Payment can be made by check, cash or by credit card, using Visa or Mastercard. Checks should be mailed to P. O. Box 1802, Ridgecrest, CA 93555.

Contributions are also being sought for the Student Education Fund. The Student Education Fund ensures five free concerts are provided school children in the Indian Wells Valley. The money is used for artist fees, theater and staging costs, and busing the students to the concerts.

### Amsterdam Guitar Trio

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## Geothermal now on-line.

(Continued from Page 1)

To date, the project has added \$75 million in new tax base to Inyo County, with a total new tax base of \$400 million expected when additional development is brought on-line. NWC has received \$1 million in

advance payments from the contractor and is currently receiving about \$250,000 per month; this is expected to increase.

This geothermal project at Coso fulfills specific directives from the

President and the Chief of Naval Operations. Executive Order 12003 directs the Department of Defense to obtain five percent of its energy needs from alternate energy sources. The Coso Geothermal Project plays a

major role in Navy-wide programs to meet these requirements.

The successful operation of this initial plant will meet 10 percent of the Navy goal mandated by the Executive Order. If Coso is developed to a 160-megawatt level with two plants of three turbines each, the Coso geothermal resource will meet a full 50 percent of the Navy goal, and if the entire resource on Navy contract lands can be placed into production, the Coso Geothermal Project is capable of meeting the entire mandated Navy alternate energy goal.

Dr. Austin says that negotiations are currently underway to build Units Two and Three of Power Plant One, with further negotiations for Units One through Three of Power Plant Two also underway. "We feel that this project is a real winner for the Navy and the area," Dr. Austin says. "It's meeting energy needs for the Navy, we've been able to protect the safety of the surface rights so that NWC ranges are not being threatened, and it's providing an economic surge for the desert region."



**BIG MOMENT**—Dr. Carl Austin and LCdr. Keith Haan of the Geothermal Program Office watch as the dials show that Power Plant One, Unit One is on-line and producing electricity

### Photos by Gene Edwards

- Thurs., Oct. 8  
Redlands Symphony Orchestra
- Tues., Nov. 17  
Side Street Strutters
- Thurs., Jan. 28  
Peter Rejto
- Mon., Feb. 29  
Amsterdam Guitar Trio
- Tues., March 22  
Theatre Ballet of Canada
- Wed., Apr. 27  
Delphin & Romain

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