

Community events

Introduction to Creative Writing, a Burroughs High School Adult School class taught by Paula Bryant Pratt, will be held on Wednesday evenings from 6 to 9 p.m. starting Sept. 4. This class will cover fiction, poetry and non-fiction writing in a stimulating, relaxed, non-threatening academic environment. High school English credit is available. All ages are welcome. For more information, call 446-4561 or 375-4511.

###

Ridgecrest Exposed can be viewed in the Sylvia Winslow Exhibition Gallery of the Maturango Museum beginning Sept. 14. Artists Dolph Amster, John Dunker, Mark Pahuta and Linda Sappington will show their own unique vision and interpretation of Ridgecrest as seen through the eyes of a camera. A reception for museum members and the artists will be held Sept. 13 from 7 to 9 p.m. The show ends Oct. 9. Admission to the museum is \$1 for adults and 50 cents for children.

###

Chorus rehearsals for the Christmas portion of the *Messiah* will be held at the Grace Lutheran Church, 502 N. Norma, starting Sept. 15 at 3 p.m. Solo try-outs are set for 3 p.m. on Sept. 29. Performances will be held Dec. 8 and 9. Anyone interested in participating should call Bess McDowell at 375-1540.

###

Spaces are still available for the Maturango Museum's petroglyph tours. The trips planned are on selected weekends in September and November. Cost is free for museum members and \$10 for non-members. For reservations or more information, call 375-6900.

###

Immunization clinics by the Kern County Health Department will be held at the Ridgecrest office, 250 W. Ridgecrest Blvd., on Sept. 3 and 16 from 8:30 to 11 a.m. and from 1 to 3 p.m. The charge for each immunization (polio, whooping cough, diphtheria, tetanus, measles, mumps, rubella and the Hib vaccine) is \$3, with a maximum charge of \$10 per family, per visit. For more information, call 375-5157.

###

Toastmaster's is a non-profit organization providing a supportive and positive learning environment in which every member has the opportunity to develop communication and leadership skills, fostering self-confidence and personal growth. The opportunity to become involved with Toastmasters is available at NWC. The China Lake Toastmasters Club meets every Thursday from 6 to 8 p.m. at the NWC Training Center. Club membership is open to everyone -- military, civil service, contractors and civilians. Visitors are always welcome.

For more information, call Socorro Williams at NWC ext. 3317.

###

Kern County Health Department Pregnancy Screening Clinics will be held in Ridgecrest at 250 W. Ridgecrest Blvd. from 8 to 11 a.m. on Sept. 10, 17 and 25. The clinics offer pregnancy testing, counseling, health education and referral information on prenatal and family planning services. For more information, call 375-5157.

Helpline volunteers needed

Volunteers are needed to answer the High Desert Child Abuse Prevention Council's Helpline telephones. All calls are confidential and handled through an answering service so individuals' phone numbers are never distributed.

The Helpline (375-7100) provides information and referral services, parental/family support and anonymous reporting of suspected child abuse and neglect. The position requires volunteers to stay near their home phone during the shifts they choose and to attend monthly training meetings every fourth Wednesday from 6:30 to 8 p.m.

All new volunteers will receive eight hours of initial training provided by professional counselors and Child Protective Services workers. Training includes reflective listening skills, issues of family stress, community resources that are available and procedures for the reporting of suspected child abuse.

Applications are now being accepted for an upcoming training session. If you would like to learn more about this worthwhile program, contact Kim Bowen at 446-4645.

Remember, a small commitment of time can make a very big difference to a family or individual in a time of need.

Entry forms for annual art show are available

Entry forms for the Maturango Museum's annual open art show are now available. Because this show is open only for museum members, membership applications are also available. Artwork will

not be limited to any particular theme, but must be original in design and execution by the artist. Entries will be accepted on a first-come/first-serve basis on Dec. 12. Only one entry allowed person.

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August 22, 1991

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Center announces gate procedures

Employees and other personnel coming aboard the Naval Weapons Center during normal working hours now need only a valid vehicle decal or current NWC/military identification. Roy Parris, NWC's director of safety and security, said the change in policy started Tuesday morning. Anyone wishing access to NWC between 8 p.m. and 6 a.m. will need valid identification to be passed through the gate without logging in as a visitor. Access procedures to all restricted areas are unchanged.

Parris noted Center officials looked at NWC's security posture and needs, traffic patterns and traffic volume, in making the decision. He also said this change on the gates should help smooth traffic flow when the three schools on the Center open for the new school year Monday morning, bringing the usual increase in vehicle and bicycle traffic through the gates.

WACOM sets fall membership drive

On Tuesday, Sept. 10, the Women's Auxiliary of the Commissioned Officers' Mess (WACOM) will hold its annual membership coffee at the Seafarer Club. WACOM members and potential members are urged to join the fun from 10 a.m. to 12:30 p.m. The theme for this year's event is *Hawaiian Holiday*. WACOM is open to women members and dependents of women belonging to the Commissioned Officers' Mess. Reservations are not required. For more information call Elaine Jenne at 377-5229.

NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLVI, No. 32, August 22, 1991

Warfare analysts create new tool

Personal computer-based AWB runs simulations and helps train people at a fraction of old cost

by Steve Boster
Rocketeer Editor

Analysts in the Warfare Analysis Program Office of the Weapons Planning Department have dumped their \$50,000 computer workstations and switched to an interactive simulation, developed in house and run on inexpensive Macintosh personal computers. The new Analysts Work Bench (AWB) Program in Code 304 is a new framework for computer simulation work by this group of warfare analysts.

Ron Ketcham, AWB project manager, notes this program, still in Beta test stages of development, provides for interactive applica-

tion of computer models and analysis tools. "It allows the analyst to step through computer scenarios, pausing at times of events, to use a wide variety of tools and then document the analysis directly into presentation or documentation software," he added.

An important feature of AWB is the total control given an analyst. This simulation can be paused at any point, it can be used in the "run" mode in which it automatically follows an established script for events, or the "analyst" mode where operators can call upon the many models and tools to do an analysis of the current situation as shown on the display.

In the analyst mode, for example, the oper-

ator can bring up the RF sensor model in a jamming environment to determine and draw radar burnthrough contours around targets. Or, the user can experiment with various missile engagements including evasive maneuvers by the target aircraft, using the air-to-air missile model developed in the Weapons Planning Group.

"What we'll have when we get done is a framework you can plug any number of models into for analysis work," commented Ketcham. Current applications include comms, detection and missile engagement models. AWB allows the analyst to select the

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Blecha wins a top award from NWC

By Peggy Shoaf
Rocketeer Staff Writer

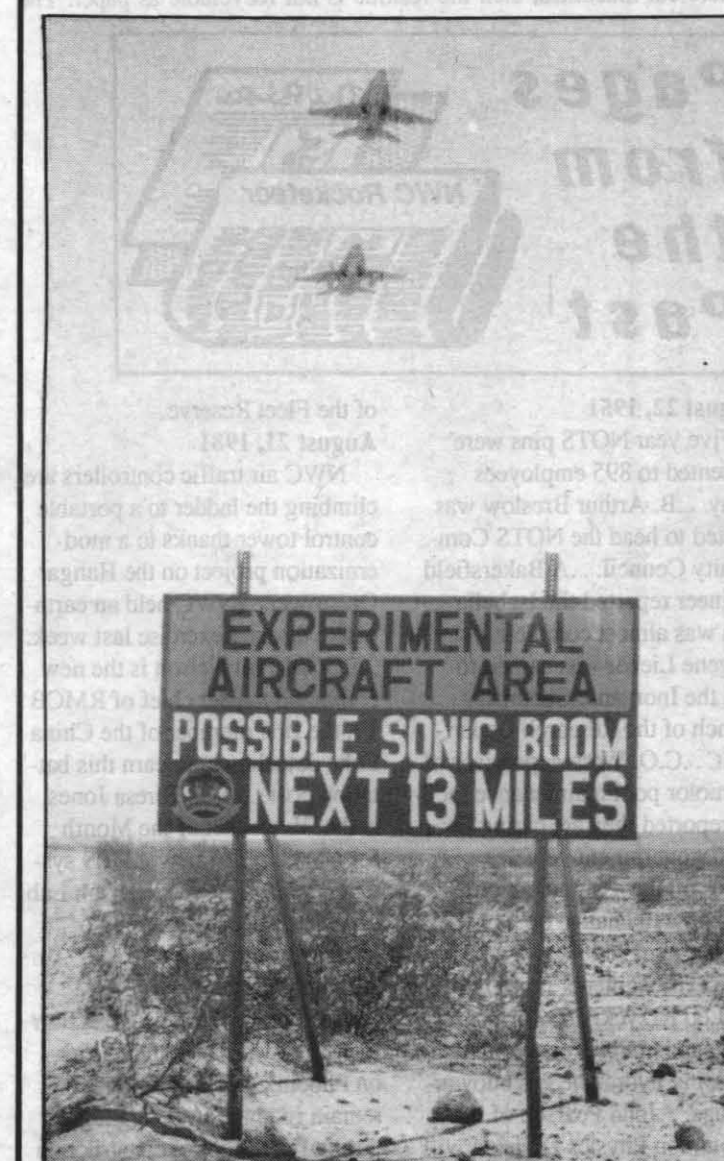
Planning, coordinating and scheduling the downloading of the Navy's entire inventory of Tomahawk cruise missiles would be a hard task. Add the fact the Navy isn't sure how safe the BLU-97 Combined Effects Munitions (CEM) deployed in the missiles are, and the task becomes even harder.

Henry Blecha, senior engineer of the Tomahawk Missile Office in NWC's Attack Weapons Department's Standoff Weapons Office, tackled such a task. In fact, he did it so well, the Cruise Missiles Project and Unmanned Aerial Vehicles Joint Project Office in Washington honored him with the Navy Meritorious Civilian Service Award. Bill Porter, NWC Technical Director, and Norm Bednarek, the Washington office's deputy program manager, presented the award at a recent briefing.

Blecha noted in July, 1989, an incident occurred on the BLU-97/B Combined Effects Bomblet (CEB) production line at the Kansas Army Ammunition Plant, resulting in two deaths and numerous injuries. In the subsequent investigation, it was discovered there was a possibility that armed BLU-97/B CEBs might have been installed in the

(Continued on Page 6)

Sign helps motorists



WARNING GIVEN -- While the sign warning travelers of the possibility of weapons systems being tested on the Panamint Valley/Trona Road is replaced by VX-5 Vampires, two F/A-18 Hornets fly overhead. (See story on Page 7)

Team effort holds key to success

Teamwork is more than just a buzz word for the Naval Weapons Center's Weapons Action Group (WAG). This group, composed of four special teams, pulled together in a display of professionalism preparing for the Naval Sea Systems Command Explosive Safety Inspection (NESI). The group, led by Cdr. Warren Seal, was honored with the NWC Team Award for their efforts.

The team award, presented by Capt. Douglas W. Cook, NWC Commander, and Bill Porter, Technical Director, recognized the efforts put forth in making the NESI results the best ever at China Lake. In the nomination letter, Cdr. Seal said of the team "through their efforts, explosive safety has been highlighted and is once again a viable program at the Naval Weapons Center."

Those saluted include:

- WAG Safety Team; Bill Deem, Chuck Stanley, John Howard, Marty LaFranier, Ray Miller, Mel McCubbin, Chuck Tracy, Dennis Sorges and Everett Long.
- WAG Inventory Team; Jack Kavanagh, Herb Richter, Larry McKune and Diane Wadelin.
- WAG Security Team; Roy Parris, Wendy Lilly, Tony Taylor and Tony Domiano.
- WAG Facilities Team; Ken Olson, Vaughn Forbes, Randy

(Continued on Page 8)

Commentary

NWC Rocketeer

Published by High Desert Newspapers, Inc.
224 East Ridgecrest Blvd.
Ridgecrest, CA 93555
(619) 375-4481

This commercial enterprise (CE) newspaper is an authorized publication. Content of NWC ROCKETEER are not necessarily the official view of, or endorsed by, the U.S. Government, the Department of Defense or High Desert Newspapers, Inc.

The editorial content is edited, prepared and provided by the Public Affairs Office of the Naval Weapons Center, China Lake. Correspondence and material for publication should be addressed to: Editor, NWC ROCKETEER, Code 0033, Naval Weapons Center. Phone: 939-3354. FAX: 939-2796

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

I know the Center is deeply involved in conservation. We recently purchased a paper shredder for shredding paper documents. This shredder generates a large volume of shredded paper. One of our other employees wanted to take this paper home to use as a mulch for his garden. All the answers we have received so far is that he can't take it off base. The only thing we can do with it is dump it in the dumpster, which fills up our landfills much faster. Is it possible for the base to make use of this shredded paper as a mulch around the trees and shrubs to help with water conservation? The recycling people from ARC say they can't take it for recycling. Thank you very much.

ANSWER

Your inquiry addresses three important issues. First, documents that have been shredded into strips can still be recycled. ARC should accept bags of strip shredded paper as long as it is not contaminated with carbon, plastic or other papers such as magazines or newspaper. However, if the documents have been destroyed with the cross cut or particle cut machines, then the residue is not recyclable as paper. The

Pages from the Past



August 22, 1951

Five year NOTS pins were presented to 895 employees today. . . B. Arthur Breslow was elected to head the NOTS Community Council. . . A Bakersfield engineer reported the Isabella dam was almost complete. . . Eugene Lieber was named to lead the Inorganic Chemistry Branch of the Research Department. . . C.O. West, supervisor of the motor pool maintenance facility, reported they are caring for 1,287 government vehicles. . . Rules on the assignment of housing will change on Oct. 1.

August 19, 1966

NOTS engineers Jay Witcher and Leo Krzycki are working on deep submersible recovery methods using hydrazine gas buoyancy bags. . . John Pearson of the Detonation Physics Division will present a paper at an international symposium in Czechoslovakia. . . AK2 Gary Lomelino became the first sailor to get a Beneficial Suggestion Award. . . Lt. Dennis Thompson is the new surgeon for the NOTS Hospital. . . Thomas Creasy was installed as president

of the Fleet Reserve.

August 21, 1981

NWC air traffic controllers are climbing the ladder to a portable control tower thanks to a modernization project on the Hangar One tower. . . NWC held an earthquake disaster exercise last week. . . EQCM Phil Nelson is the new command master chief of RMCB 17, the first member of the China Lake detachment to earn this battalion post. . . AC3 Teresa Jones is the Bluejacket of the Month for NWC. . . The new ATIPS system is going in 62 Michelson Lab offices to speed processing of technical information.

August 22, 1986

Jack Dragovich and Ruth Barr won TD Awards for their work on Phoenix. . . Three detours remain in place at the main gate during flood control construction projects. . . Kathy Kraft took over as NWC's deputy EEO officer. . . California Congressmen Bill Thomas and Bill Lowery were recent visitors to the Center. . . Next month's DoD surplus auction will include a 15-year-old horse named "Tuffy."

Environmental Office and Communications Security are working together to identify and obtain equipment which can be used to destroy all sensitive documents and still yield a recyclable product. This should be available before year's end.

Next, Public Works is investigating the production of our own mulch and/or compost. However, we already generate more green waste (cuttings and trimmings) than this process will consume, so it does not appear to offer a use for our shredded paper. Also, though you do not mention it, we have looked at using shredded paper as a fuel. We do not have appropriate boilers on Center, we have not found an economical off-Center market and the State of California does not currently allow any recycling credit for trash used as a fuel.

And last, it is true that no one is supposed to remove trash items from Government facilities for their own use. First, it would provide a method to cover up simple thievery. Secondly, if the disposed item does have remaining value, then DoD is required to dispose of the material through the Defense Reutilization and Marketing Office (DRMO), which would allow all parties an equal chance to obtain it. Finally, our Standards of Conduct rules require us to avoid the "appearance" of favoritism. Allowing a single employee to remove trash for his or her own use would "appear" to favor that employee. However, with suggestions and inquiries such as yours, we will be able to avoid putting usable materials in the trash at all and your specific problem should be solved with the new shredding equipment. Thank you for your interest and concern.

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. Douglas Cook. 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 one or two questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave their name and phone number for a direct contact, but otherwise, this is not required. There is no intent that this column be used to subvert normal, established chain-of-command channels.

China Lake Calendar

Friday, August 23

... Junior Professional Potluck Picnic, 5:30 p.m., Solar Park.

Monday, August 26

... RF Safety Class, NWC Training Center, 7:30 a.m. & 12:30 p.m.

Thursday, August 29

... CTS briefing, 9 a.m., Room 1000D, Michelson Lab.

CTS offers two briefings

There will be two general briefs detailing the new Center Telecommunications System (CTS). The briefings, which will be held in Room 1000 D in Michelson Laboratory, are set for 9 a.m. on August 29 and 1 p.m. on Sept. 4.

Information presented will include overview of the CTS contract, equipment available with CTS, features available with CTS, and the future long distance systems (Autovon, FTS2000).

For additional information, contact Nancy Guglielmo, Code 2712, NWC ext. 1157.

ROCKETEER CLASSIFIEDS

1 PERSONALS

GUITAR LESSONS - Study with GIT Graduate & Instructor. Beginners to advanced. 371-7934.

MATH TUTORING, from grade school through high school. Success guaranteed. \$15 per hour. Call 371-3930.

WANTING TO BUY - IBM EGA Monitor. Tom 371-4765.

5 LOST & FOUND

FOUND 7/27 - Solid white bunny, approx 3 mos old. Found on Ashworth Place. Call to claim, 446-6239.

10 HAPPY ADS

CALL NOW! Booking parties for Christmas Around The World. Get \$50 free merchandise just for having a party. 446-6239.

15 HELP WANTED

IMMANUEL CHRISTIAN SCHOOL Needs a teacher for one class of Introductory Chemistry for the 91-92 school year. Call 446-6114 for further details.

TREAT YOURSELF TO SOMETHING SPECIAL! Hold an Undercover Wear Lingerie Show and earn free lingerie for yourself and loved ones. Call for details. Sonja, 446-7172.

YOU CAN MAKE over \$50,000 per year and be your own boss. No experience necessary. Call 371-3930.

20 RENTALS

2BR 1BA FRESHLY PAINTED. Very spacious. Stove, refrig, disposal, mini blinds, w/d hookups. W/T/Pest Control Paid. Small pet OK. \$450/mo. + sec. dep. 375-6307.

3BR 2BA DOUBLE WIDE IN PARK. \$576/mo. 375-1625.

ENJOY B&B ATMOS. Furn rms, non-smkrs. Rms have own TV, phone, frig. Rent \$275-\$325/mo. incl: all util-wkly rm maint, use of w/d, kit priv, htd pool, spa. Call/lv. msg. 377-4043. Sec. Dep. \$100.

EXECUTIVE HOME, hot tub, nice area. Unfurnished \$1,000/mo. Furnished \$1,500/mo. Avail. 9/15. ERA Vaughn Realty 446-6561.

HERITAGE TOWNHOUSE. 3BR 3 full bath, adj to Heritage Square. Ideal exec/JP qtrs. Lease: 6 mo min, \$1,400/mo. incl resident priv (pool, spa, tennis, clubhouse, etc). One mo sec dep. Avail Sep 15. By appt only. Call/lv. msg. 377-4043.

20 RENTALS

LARGE 1BR APT - Carpet, drapes, appliances. W/T paid, laund. fac. on premises. Close to shopping & main gate. \$325/mo. + \$250 sec. Avail now. 377-5960.

30 SERVICES



CHILD CARE IN MY HOME - Preschool and school age. Around the corner from Richmond Elementary. Drop-ins, part time & full time. Base certification pending. 446-1012.

EDWARDS PAINTING SERVING THE AREA SINCE 1979 CALL FOR AN ESTIMATE. LIC.#427485 375-1439

FAMILY HOME DAYCARE - license pending, base certification. 4 openings over 2. Call Tammy 446-7136.

Lawn/Yard Quality Maintenance, clean-ups & sprinkler repair. Rancho Trails Landscaping. Lic. #432532. 371-4630.

PARENTS NIGHT OUT! Fri & Sat nights. Bring your kids to my house, then pick them up the next morning. Base Certification pending. 446-1012, ask for Chris.

WINDOW TINTING - Auto, commercial, residential. Special for many trucks. Single Pane rear window - \$25. Call Larry, 446-6612.

35 AUTOMOTIVE

1962 3/4 TON FLAT BED 4 WD Jeep. Rebuilt motor & trans, needs glass. \$900. 377-5234.

1987 Ford Tempo. All wheel drive, 4 door, 48K, automatic, PS, cruise, tilt, A/C, AM/FM cassette, tinted windows, luggage rack. \$5,500 OBO. 375-0411.

81 YAMAHA 650 SPECIAL - 6,300 miles. Mint condition, always garaged. New rear tire, battery. Windsheild & helmets if wanted. \$850. 446-1355 after 5pm.

85 FORD ESCORT - 4 speed w/a/r. \$2,200 OBO. 446-3955.

89 CHEVY VAN CONVERSION - PS, PB, PW, PL. Dual air, color TV & VCR. Low blue book \$15,500. Asking \$15,000 OBO. MUST SELL. 446-1550.

Coleman Scano (Boat), 15', holds up to 600 lbs. with Minakota 5 forward & 5 speed reverse electric motor. \$400. 377-5234.

35 AUTOMOTIVE

FOR SALE: 1984 Ford Temp, auto, trans., all new rubber, body in fine shape, interior excellent, AM/FM cassette. Needs some engine work. Asking \$1,000 OBO. Call 374-2407 after 5 weekdays, anytime weekends.

YZ250 YAMAHA DIRT BIKE - Full riding gear, desert tank, bike kept in excellent condition. \$850. Call Steven at 446-6095.

40 MISC. FOR SALE

17X12 CREAM & TAN CARPET, \$100. Baby swing, \$20. After 5pm, 371-1040.

2 large solar panels for hot water, no glass, \$100. 377-5234.

CLIMBING EQUIPMENT - Harness, helmet, etc. Tom, 371-4765.

COMPUTER - Commodore 64, printer, disk driver, color monitor. 139 programs plus extras, \$450 OBO. Computer desk w/hutch & computer stand, \$125 OBO. Both for \$500. 446-7489.

COMPUTER SALE - IBM-AT Clone w/80286 Processor, 80287 Co-Processor, 512k RAM. Includes game card w/joystick, bus mouse, EGA color monitor, IBM Pro-Printer, 20 Meg hard disk, 1.2 Meg disk drive, 360k disk drive. Software includes Wordstar, Turbo Pascal, games and others. Asking \$800. 375-7894 for more info.

DITCHWITCH TRENCHER C-90, rebuilt motor, many new parts and steel tilt bed trailer. \$1,700. 377-5234.

Kenmore 700W large microwave, multi power/stage, auto time/temp cook, auto def., turntable. \$125 OBO. 375-0411.

Kenmore Ultra Stitch 12 sewing machine. Buttonhole, zig zag, etc. \$50 OBO. 375-0411.

KING SIZE Waterbed, \$275 OBO. GE Washer/dryer, grey-blue sofa bed, love seat, \$750 OBO. 375-4572 after 3pm or lv. msg.

PECAN DINING Room set: table, six cane back chairs, server, glass door hutch, \$500. King size waveless water bed. Bookcase headboard, six drawer base, \$300. Whirlpool elect. dryer, \$75. Green refrig, 2 door, \$75. 26" ladies Peugeot bike, \$100. Dog kennel, \$20. 446-6823.

START YOUR OWN Sewer and Drain Cleaning Business. For sale - Nearly new (used 5 times) Electric El Sewer equipment. Set up in a 65 Ford Econoline Van, \$3,000. Call 377-5234.

Vivitar 35mm Camera. 28mm, 50mm & 135mm lenses, flash, filters, hoods & case. \$95 OBO. 375-0411.

40 MISC. FOR SALE

SATIN & SILK PRESENTS: A night of ultimate fantasy in lingerie. Saturday, August 24 at Club Oasis. Fashion show 8-9pm. Dancing 9pm-? Door prize provided by Terry's Boutique & Undercover Wear Lingerie. Portion of proceeds to benefit the D.A.R.E. program. Tickets are: Single, \$8. Couples, \$15. Tickets can be purchased at door for same price. Come out and experience your fantasy!

Westinghouse refrigerator, avocado green, 22 cu. ft. \$140 OBO. 446-2968.

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

45 GARAGE SALES

YARD SALE - 8am-3pm, Sat only. 916 Withington (on base).

50 PETS/SUPPLIES

Black Lab Puppies, AKC registered. Sire champion show pedigree, Dame champion field pedigree. \$250 each. Male & female. 446-2252.

TWO ADULT CATS - Free to good home. 446-5855.

55 REAL ESTATE

1 BDRM., 1 BATH
Pool/walk-in closet/refrigerator
\$375/month
ERA VAUGHN REALTY
446-6561 or 371-2414

3BR 2BA HOME on 4 acres. Property also has 21'x26' shop and two mobile home spaces. Six miles North of Inyokern on Brown Rd. \$85,000. For appt. call 377-5234.

BEAUTIFUL TOWNHOUSE - 6 years old. 3BR 2.5BA, 2 story, 2 car encl. gar. FP, wood patio/deck. Santa Anna/West Minster area. \$160K. 714-539-0511.

ONE-OF-A-KIND ADOBE HOME - Built by George Patterson, this 2BR 3BA, 2800 sq. ft. home is so unique with its huge room dimensions and custom featuring w/top-of-the-line quality throughout, you'll love it the minute you see it! Located on 2.5 acres in College Heights. \$327,700. MLS# 2998. Call Phyllis Soulsburg at Coldwell Banker Best Realty, 375-3855 for an appointment for a private showing.

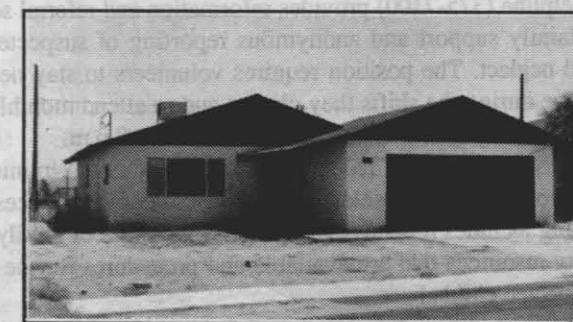
NWC HOTLINE
Integrity, efficiency program
Call: NWC ext. 3636 (24 hrs.)
or call the Inspector General at:
(800) 522-3451 (toll free)
288-6743 (Autovon)
(202) 443-6743 (commercial)

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Personal emergencies require fellow employees to need more leave hours

Employees indicated below have been approved to become leave recipients under the Leave Transfer Program. These employees have exhausted annual and/or sick leave because of personal emergencies and will be in a non-pay status for at least ten days. Employees who wish to donate annual leave to the employee should call NWC ext. 2018.

Ron Wright, Electronics Technician, Code 3951 -- suffered a heart attack and will be unable to return to work until late August.

Susan Thompson, Secretary, Code 3935 -- is caring for her chronically ill mother and is in need of leave.

Linda Harinek, Purchasing Agent, Code 254 -- underwent coronary angiography and is in need of leave.

Barbara J. Bennett, Secretary, Code 308 -- had

arthroplasty and needs to be off work for three months. She is indebted for leave.

Leo Montano, Visual Information Specialist, Code 3441 -- is undergoing further cancer treatment and is in need of leave.

Jay W. Hill, Code 6421, Electronic Technician -- is being treated for pneumonia and valley fever and is indebted for leave.

Rick A. Breitengross (Code 36813) Engineering Technician is providing care for his step-mother who is in total kidney failure and on dialysis.

Cynthia Langham (Code 64154), Aerospace Engineering Technician, is undergoing medical treatment and is indebted for leave.

Herschel R. Sibley, Mechanician Engineering Technician, Code 3571 -- underwent heart surgery and is in need of leave.

Hispanic Culture begins December 27

Cerro Coso Community College is offering a three-unit humanities class to Mexico during the semester break. This 14-day program will include some of the finest examples of ancient, colonial and modern Mexico.

Hispanic Culture begins Dec. 27, with travel to Oaxaca, Merida, a functioning Mayan Village, the Pyramid of Kululkan, rain-forest ruins of Palenque



and a plantation in the Yucatan. The class will return to California on Jan. 9.

Cost is \$1,745 per person, double occupancy, with 25 or more participants. A deposit of \$300 per person is required at the time of reservation, with the remaining balance due by Oct. 21.

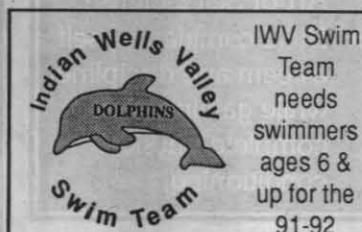
For more information on the class, or how to register, call the instructor, Leo Girardot, at 375-5001.

Learn Macwrite

Macwrite II (4 hours) -- Self-study. By MacAcademy. VHS video.

Students review page set-up, formatting, copying text and find/change in the first video. The second one covers reformatting, editing text, spelling checker, headers and footers, custom styles, mail merge and creating labels.

For more information, call NWC ext. 2451.



IWV Swim Team needs swimmers ages 6 & up for the 91-92 competitive swim season starting Sept. 91. Our goal is to improve the depth of our team in all events particularly relays. We offer several programs based on swimmers age and skill level. We also offer variable fee rates based on your activity requirements. Our team is a member of USS Swimming. Our coaches are USS certified and members of American Swimming Coaches Association. For more information call coach Amy 446-5534, Mr. Pyle 375-1970, Mr. Lopez 375-7824.

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Computer Store
251 Balsam St. 375-5744 quality, service, price

Wordperfect taught by self-study

Wordperfect (4 hours) -- Self-study. By MacAcademy. VHS video.

The first video covers menus and commands, text manipulations, selecting, deleting, document formatting, spelling checker, using the thesaurus, importing graphics and automatic page numbering. The second one explains formatting columns, footnotes and endnotes, headers and footers, using macros, mail merges and custom templates. For more information, call NWC ext. 2451.

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Military News



Air Test and Evaluation Squadron Five (VX-5) has experienced several reenlistments in recent months. While the *Rocketeer* regrets that space does not allow running a photo of each ceremony, we recognize the importance of every reenlistment and acknowledge each of them in the following column.

AMS2 Stanley Delpian re-upped for 4 years on May 3, 1991. Reenlisting officer was LCdr Peggy Turner, AMS2 Delpian's sister.

AT2 Mark E. Morton re-upped for 4 years on May 1, 1991. Reenlisting officer was Lt. Mitch Heskett, AV/ARM division officer.

AMS3(AW) Paul S. Graffenberger re-upped for 3 years on May 13, 1991. Reenlisting officer was Lt. Bruce Bull.

AME2 Gary A. Soyke re-upped for 4 years on May 14, 1991. Reenlisting officer was Lt. Mary Cruz, personnel officer.

AD3 Saul Serrano Cortez re-upped for 3 years on May 29, 1991. Reenlisting officer was Capt. Aaron Aldridge.

AT1(AW) Gerald B. Poindexter re-upped for 3 years on June 14, 1991. Reenlisting officer was Capt. Raymond A. Kellett, Commanding Officer of VX-5.

AD2 Jeffery R. Bradley re-upped for 3 years on June 14, 1991. Reenlisting officer was Lt. Donald E. Berry, division officer.

AD2 Raymond K. Finger re-upped for 4 years on July 3, 1991. Reenlisting officer was CWO2 Sanford T. Thornton, line division officer.

AE1 Jose P. Techaira re-upped for 4 years on July 8, 1991. Reenlisting officer was Lt. Heskett.

Other awards for Air Test and Evaluation Squadron Five personnel include:

AMEAN Michael Friedman VX-5 Plane Captain of the Month certificate, presented by Capt. Ray Kellett, CO.

New benefits made available for the involuntarily separated

WASHINGTON (AFIS)-- Service members facing involuntary separation are being offered additional benefits to help their move into civilian life.

All separates get certain benefits, said Christopher Jehn, assistant secretary of defense for force management and personnel. Preseparation counseling, and employment and relocation assistance are just a few ways DoD helps those leaving military service -- voluntarily or involuntarily.

"Then, there are more generous benefits, such as extended post exchange and commissary privileges, medical care and access to military housing," Jehn said. "These things, in addition to separation pay, will be available to individuals who are involuntarily separated."

Jehn said the additional benefits, authorized by the fiscal 1991 National Defense Authorization Act, will help service members who find their careers cut short because of DoD's planned drawdown. Benefits are retroactive to Nov. 5, 1990, when President George Bush signed the law, he said.

About 50,000 to 60,000 individuals involuntarily separate every year under normal circumstances. Over the next four years, an extra 20,000 to 30,000 people a year will face involuntary separation because of the force reduction. Rather than sort members by drawdown and business-as-usual separations, said Jehn, DoD will give the extra benefits to all those being involuntarily separated who meet certain prerequisites. Personnel officials said the package for these service members includes:

• Commissary and exchange privileges for two years after separation;

• Continued use of government family quarters for a reasonable rent for up to 180 days;

• Up to 120 days of coverage in the Civilian Health and Medical Program of the Uniformed Services or in-house care, depending on the member's length of active service; and one year of coverage for pre-existing conditions if enrolled in a DoD-approved conversion health insurance plan;

• Priority placement in the National Guard or Reserve on applications made within one year of separation;

• One-time employment preference in non-appropriated-fund positions for separating members and their family members;

• The option for students to spend their senior year in the DoD Dependents Schools system if they have completed the 11th grade when their sponsor is separated;

• The option to enroll in the Montgomery GI Bill or convert to it from the Veterans Educational Assistance Program before separation;

• Up to 10 days of permissive TDY to 30 days of excess leave for job or house hunting or other relocation activities, mission permitting; and

• Shipment of household goods to any stateside destination within a year of separation; up to a year's storage at government expense.

Address questions concerning eligibility and specific benefits to local personnel and finance offices.

Cheap airfare extended in US

Washington (NNS) -- Airfare discounts for military personnel are being extended from Sept. 30 to Dec. 15 by most major airlines, including American, Continental, Delta, Northwest, Pan Am, TWA, USAIR and United.



SERVICE REWARDED -- MS1 Raul N. Padilla was recently named Senior Mess Management Specialist of the Quarter, for the quarter ending June 30 by Supply Support Officer, LCdr. Paul J. Townsend. In commending MS1 Padilla for his determination, enthusiasm, and dedication, LCdr. Townsend wrote, "As Bachelor Enlisted Quarters Manager, you have personally provided exceptional and professional service to customers and residents while consistently improving all aspects of quarters operation."

Members get insurance offer

WASHINGTON (AFIS)-- Separated service members and certain dependents who lose their eligibility for military health care can now buy U.S. VIP health insurance for up to a year.

The Uniformed Services Voluntary Insurance Program, U.S. VIP for short, gives former military health care beneficiaries time to shop for permanent private insurance or to find a job offering health benefits. The optional insurance previously was good for only 90 days, but policies now can be renewed quarterly three times.

Negotiated by DoD and the Mutual of Omaha Insurance Co., policy holders pay the entire U.S. VIP premiums. Policies cover separated military members and their dependents, which include pre-adoptive children, wards, dependent grandchildren, children reaching age 21 (or 23 if students). Policies

also cover babies born to beneficiaries while the policy is in force.

Service members generally must buy their policies within 30 days after they separate or lose their eligibility for extended military medical benefits.

Persons entitled to up to 30 days of extended DoD health care benefits include reservists ordered to active duty to serve in Operation Desert Shield and Desert Storm, service members held on duty by the stop-loss program and members voluntarily retained on active duty. Involuntarily separated members with less than six years of service receive 60 days of coverage; those with six or more years of service receive 120 days of extended DoD health care benefits.

Full details, premium schedules and brochures are available in military personnel offices.

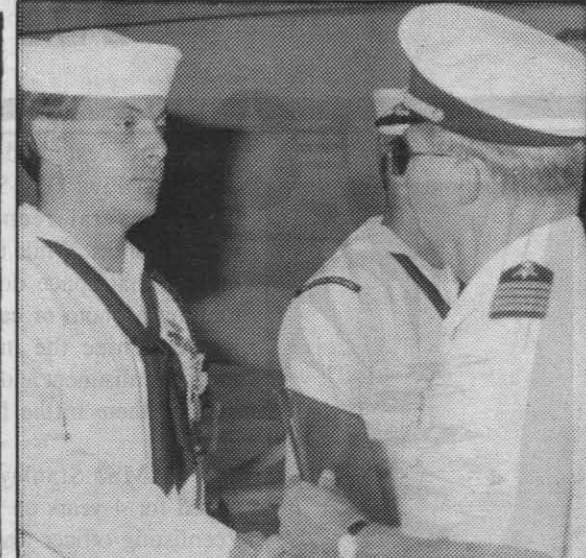
Three at NWC receive Navy Achievement Medals



EFFORTS APPRECIATED -- Capt. Douglas W. Cook, NWC Commander, congratulates AD1 Terry R. Asbridge for receiving his second Navy Achievement Medal. AD1 Asbridge was given the gold star for his professional achievements while serving as NWC's Power Plants Work Center day check supervisor.



WELCOME ABOARD -- Soon after reporting for duty at the Naval Weapons Center, Lt. Paul G. Matheson was honored with his second Navy Achievement Medal for superior performance as NATOPS instructor with the Helicopter Combat Support Squadron Six, Norfolk, Virginia. Capt. Douglas W. Cook, presented the award.



EXEMPLARY EFFORTS REWARDED -- Capt. Douglas W. Cook, NWC Commander, congratulates AS1(AW) Bryan Lynn Booten upon receiving the Navy Achievement Medal for his work as Petty Officer in Charge of the NWC Command Honor Guard.

Photos by PH3 Cary Brady



CAREER ENDS -- AD1 Sherman Stewart (right) ended more than 20 years of service with the United States Navy when he retired last month. Cdr. Bert Schnabel, VX-5's executive officer, awarded the retiree with the Navy flag and letters of appreciation for the work he did while a VX-5 Vampire. Photo by PH2 (AW) Auch

Third Fleet's Coronado moves to San Diego

PEARL HARBOR--San Diego is the new home port for the U.S. Third Fleet's flagship, *USS Coronado*. The new berth at Naval Air Station North Island's Juliet Pier provides an ideal location in San Diego's harbor. VAdm. Jerry L. Unruh, 3rd Fleet Commander, said the new arrangement "allows the closest possible coordination of unit and battle group training." The home

port shift came after nearly 20 years in Hawaii. "This home port shift does not mean any lessening of our ability to deploy on short notice to any spot in the region," the admiral said. The U.S. Third Fleet oversees a 50-million square mile ocean area ranging from the west coast to a point west of Midway Island and from the Arctic Ocean to Antarctica.

Desert Storm/Shield group meeting set

Attention spouses of service members who served in Operation Desert Shield or Desert Storm! A meeting will be held at 1900 Bogue Circle on Tuesday, August 27, at 7:30 p.m. to share experiences and provide on-going support.

For more information, call Sue at 446-6384.

NMCRS offers gift for new parents

Birth is a joyous occasion and each Navy and Marine Corps junior a source of pride to the new parents. The Navy-Marine Corps Relief Society (NRS) is pleased to share in this celebration of new life by offering a small gift to help defray the initial cost of caring for the "new addition" to a family.

On request, the China Lake NRS will provide a lovely starter set for the new baby of active-duty Navy and Marine Corps personnel. This gift is available to all service families in pay grades E-5 and below.

Baby clothes and infant care items in this layette are purchased new. A special gift hand-crafted by an NRS volunteer.

Navy Relief suggests that together the prospective parents call NWC ext. 2921 during the last month of pregnancy or first 30 days after birth. A one and a half hour appointment with a counselor will assist the parents with a budget and provide practical financial information.



Divine Services

Protestant	
Sunday Worship Service, East Wing	8:00 a.m.
Sunday Worship Service, Main Chapel	10:30 a.m.
Sunday School, 1008-10 Blandly & 1903-05 Mitscher	9:00 a.m.
Bible Study (East Wing), Wednesday (September thru June)	11:30 a.m.
Men's Prayer Breakfast, East Wing, Thursday	6:30 a.m.
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday	7:00 p.m.
Islamic	
Jumaa Prayer (Friday at 1002 Blandly)	1 p.m. (DST) 12 p.m.(ST)
Roman Catholic	
Sunday Mass, Main Chapel	9:00 a.m.
Daily Mass, Small Chapel	11:35 a.m.
Confessions, Weekdays	By appointment
Religious Education Classes (Sunday) (September thru May)	10:30 a.m.
1902 Dibb, 1002 Blandly, 1008-10 Blandly & 1903-05 Mitscher	
Jewish	
(375-0385 Messages)	
Weekly Services (Friday - East Wing)	7:30 p.m.
Adult Hebrew Lessons (Saturday, East Wing) (September thru June)	3:00-5:00 p.m.
Religious Education (Sunday, East Wing) (September thru June)	9:00 a.m.-12 (noon)
Chaplain S. A. Casimano, LCDR, CHC, USN	
Chaplain G. L. Goodman, LT. CHC, USNR	
Hearing Impaired Equipment, Nursery Available	
Phone NWC ext. 3506, 2773, 2873	

Cal-State Bakersfield sets fall classes

The following courses are being offered this fall for the Cal-State University, Bakersfield (CSUB) bachelor's degree in business administration and the master's degree in administration programs. To enroll in these courses, call Denise at NWC ext. 2648. Registration will be held at the first class meeting. Deadline for enrolling is 10 calendar days before the starting date of the class. Enrollments for courses will be on a first-come, first-served basis, unless otherwise indicated.

ADM 690: Seminar in Administration (5 quarter units)
Sept. 11-Nov. 13, Wednesdays, 1610-2110; Training Center. By Professor Janice Smetzer, CSUB, (805) 664-2326.

Scope: This course is designed to integrate concepts and techniques for the core courses within a broader framework. Designed to sharpen analytical and communication skills. Course requirements include program culminating activity for the master's degree.

Note: This is a core course for the bachelor's degree program in business administration through CSUB.

SOC 333: Mexican Americans In Contemporary Society (5 quarter units)
Sept. 11-Nov. 13, Wednesdays, 1610-2110; Training Center. By Professor Raymond Gonzales, CSUB, (805) 664-2368.

Scope: An analysis of the political, social and cultural development of the Mexican-American. Emphasis is on modern social problems and sociological factors, with evaluation of various causes and solutions of problems. Discussions and selected investigations.

Note: This is a core course for the bachelor's degree program in business administration through CSUB.

PPA 525: Administrative Law (5 quarter units)
Sept. 12-Nov. 14, Thursdays, 1610-2110; Training Center. By Professor Everett Mann, CSUB, (805) 664-3406.

Scope: This elective seminar surveys administrative law and government regulation, the legal functions of administrative agencies, and the legal aspects of the process by which such agencies carry out their policies. It reviews the evolution of administrative authority and Title 5 of the U.S. Code, examining delegation doctrine, rule-making, enforcement,

adjudication and judicial review. While this course focuses primarily on the federal system, it also includes an orientation on the California State Administrative law system.

FIN 300: Financial Management (5 quarter units)
Sept. 12-Nov. 14, Thursdays, 1610-2110; Training Center. By Professor Janice Smetzer, CSUB, (805) 664-3406.

Scope: Theory of financing the business firm under uncertainty. The supply and demand for capital, asset management, capital structure analysis, cost of capital, and capital budgeting decisions. Statistical and financial analysis of problem sets also included as well as computer applications.

Note: This is a core course for the bachelor's degree program in business administration through CSUB.

SOC 333: Mexican Americans In Contemporary Society (5 quarter units)
Sept. 11-Nov. 13, Wednesdays, 1610-2110; Training Center. By Professor Raymond Gonzales, CSUB, (805) 664-2368.

Scope: An analysis of the political, social and cultural development of the Mexican-American. Emphasis is on modern social problems and sociological factors, with evaluation of various causes and solutions of problems. Discussions and selected investigations.

Note: This is a core course for the bachelor's degree program in business administration through CSUB.

PPA 525: Administrative Law (5 quarter units)
Sept. 12-Nov. 14, Thursdays, 1610-2110; Training Center. By Professor Everett Mann, CSUB, (805) 664-3406.

Scope: This elective seminar surveys administrative law and government regulation, the legal functions of administrative agencies, and the legal aspects of the process by which such agencies carry out their policies. It reviews the evolution of administrative authority and Title 5 of the U.S. Code, examining delegation doctrine, rule-making, enforcement,

Note: This course satisfies the requirement for CSUB bachelor's degree students to complete a course focusing on women or American ethnic/racial minorities.

MATH 477: Linear Algebra (5 quarter units)
Sept. 12-Nov. 14, Thursdays, 1610-2110; Training Center. By Professor El-Ansary, CSUB, (805) 664-2130.

Prerequisite: Calculus II or consent of instructor.
Scope: Matrices; systems of linear equations; vector spaces; dimensions, linear independence; spaces associated with amatrix; basis, change of basis, orthogonal bases; linear transformations, matrix representation; eigen values and eigenvectors, diagonalization; quadratic forms.

Text: TBA.
Note: This is a required course for the bachelor's degree program in computer science and a required foundation course for the master's degree program in computer science through CSUB.

Comments:
Job-related courses other than those listed above or those offered under contract with Cal-State, Chico; Cal-State, Bakersfield; or Cal-State, Northridge, must be approved on a DD 1556 (Off-Center Training Request) before registration if NWC is expected to pay for the training. For additional information, call Cecil Webb at NWC ext. 2648.

Note: This is a core course for the bachelor's degree program in business administration through CSUB.

PPA 525: Administrative Law (5 quarter units)
Sept. 12-Nov. 14, Thursdays, 1610-2110; Training Center. By Professor Everett Mann, CSUB, (805) 664-3406.

Scope: This elective seminar surveys administrative law and government regulation, the legal functions of administrative agencies, and the legal aspects of the process by which such agencies carry out their policies. It reviews the evolution of administrative authority and Title 5 of the U.S. Code, examining delegation doctrine, rule-making, enforcement,

NWC offers variety of training classes

New Employee Orientation (8 hours)

September 17, Tuesday; 0800-1600; Training Center. By NWC staff.

Intended Audience: New NWC employees.

Scope: Our program starts with a welcome aboard by Capt. Cook and a Center overview by the technical director. Other topics included in the program are standards of conduct, training opportunities, security, employee assistance program, ideas, technical information overview, equal employment opportunity, NWC and area recreation, continuous improvement program (TQL), and the Legacy of the Lake.

Enrollment is accomplished via department offices. Each new employee will be contacted and approved by their department offices.

Note: If as a new employee, you have a question regarding attendance of the program, please call your department offices.

Deadline: September 3.

How to Live Beneath Your Means (And Enjoy It!) (2.0 hours)

August 27, Tuesday; 1600-1800; Training Center. By Charla Green, MBA, CFP.

Scope: Have you been feeling like a financial failure? Now is the time to take action. "People don't plan to fail, they fail to plan." We all have opportunities when it comes to having money. We can make more or spend less. Some of us can borrow it, inherit it, or win the lottery (fat chance!). All of us can plan ahead, develop money management skills and TAKE CONTROL of our financial lives. Come learn ways to expand your resources, curtail spending, borrow wisely, prepare for the future and avoid anxiety.

This class is on a walk-in basis only. Space is limited. Point of Contact is the Wellness Program Office, NWC ext. 2468.

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Secretarial opportunities

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

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

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

No. 61-014, Secretary (Typing), DG-318-4, Code 61 - Provides secretarial support to the Head and Associate Head of the Aircraft Department. Must have ability to prioritize, maintain, and coordinate calendars for the Head and Associate Head; interface effectively with all levels of civilian/military personnel; organize clerical staff workload and processes; compose, edit and proofread correspondence; and have knowledge of NAVWPNCENINST 5216.8 Correspondence Manual.

Experience with Macintosh desirable. Must maintain Secret Clearance.

CSUN, CSUB counselors schedule visits to Center

Cal-State University, Northridge

Professor Pettit of Cal-State University, Northridge (CSUN) will be on-Center Sept. 11 to advise current and prospective students in the master's degree program offered by the school in electrical engineering.

Cal-State University, Bakersfield

Academic counselors of California State University, Bakersfield (CSUB), will be on-Center Sept. 13 to advise current and prospective students in external degree programs offered by the school at NWC.

The school offers a bachelor's degree program in business administration and a master's degree program in administration.

To make an appointment to see any of these counselors, call Denise at NWC ext. 2648.

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NSAP positions available

Nominations are being accepted for **Naval Science Advisors, Interdisciplinary, DP-801, 855, 861, 1310, 1520, 1550/3 or 4.** The Navy Science Assistance Program (NSAP) provides quick-reaction scientific and technical services to the major Navy and Marine Corps operational commands in direct support of efforts intended to improve Fleet combat readiness. One of the goals of NSAP is to improve the dialogue between the Navy's Research, Development, Test and Evaluation (RDT&E) laboratories, centers and operational forces and the responsiveness of the laboratory and center community in achieving timely solutions to specific technical problems that significantly impact operational readiness.

This announcement identifies Navy Science Advisor vacancies that will be filled in the summer of 1992. All Center nominees will be interviewed and selections made in September 1991. Center candidates are encouraged to apply for more than one position/location. The candidates nominated by the Center will be competing with nominees from the Navy laboratories and centers. The NSAP Director, White Oak, MD, makes the final selections for all NSAP positions in October 1991.

Navy Science/Technical Advisor positions will be available in the summer of 1992 at the following staffs/locations:

- Navy Science Advisor
- Commander Mine War Command, Charleston, S.C.
- Commander Mid East Force (CJT4), Key West, FL
- Naval Special War Command, San Diego, CA
- Commander Third Fleet, San Diego, CA
- Navy Technical Advisor
- Commander Seventh Fleet (C3), Japan
- Human Factors, San Diego, CA
- Commanding General Third MEF, Japan

The incumbent will participate in Fleet activities and exercises as

required. Broad technical engineering and management background and experience with acquisition programs are considered essential to carry out the assignment. Applicants shall have the ability to work in any one or more of the following areas: mine, ASW, ASUW, AAW, special and/or electronic warfare, C3, surveillance or ocean technologies. The Navy Science Advisor will be the primary interface between the Fleet Command, NWC and other laboratories and centers on NSAP and Commands RDT&E matters.

Factors considered for candidate selection include:

1. Communication abilities that allow meaningful exchanges with many Navy and technical community skill levels and disciplines.
2. Ability to deal effectively with high-ranking civilian and military personnel in situations requiring a high degree of tact, diplomacy and sound judgement.
3. Ability to make sound technical recommendations and accept responsibility for decisions.
4. Technical competence in mine, ASW, ASUW, AAW, special and/or electronic warfare, C3, surveillance or ocean technologies.
5. Familiarity with SYSCOMs, OPNAV and other Navy laboratory communities.

A SECRET security clearance is required. Applicants must pass the required physical examination.

Navy Science Advisor positions are lateral reassignments for current DP-4s. If a senior DP-3 is selected, the employee may be given a temporary promotion for the duration of the assignment. Duration of these assignments is normally two years, however, continuing commitment is required during the first year. Interested applicants should file a Standard Form 171 with Personnel (Code 22). Questions concerning these positions should be directed to the NSAP Program Manager, Bill Chicky (Code 031), at NWC ext. 1485. Deadline for filing is Sept. 6.

Service in an NSAP assignment is a significant distinction and considered career enhancing. The current NWC NSAP Advisors are: Gerry Auger, COMSIXTHFLT; Jon Osgood, COMIDEASTFOR; Don Scofield, COMTHIRDFLT; John Prescott, CG IIIMEF; Ron Hoffman, COMSEC-ONDFLT; John Lamarr, COMSEVENTHFLT; and Peter Chmelir, COMNAVAIRLANT.

Some of the previous NSAP Advisors for the Center are: Jack Russell, Bob Byrne, Mel Foremaster, John Webb, Mick Rindt, Ray Miller and Douglas Savage.

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SUPPORTING OUR SERVICE MEMBERS -- Citizens and businesses in Trona and Ridgecrest got together to raise money to support U.S. troops serving in Operation Desert Storm. In the picture above, Denise Chavez, a member of the fund-raising committee, donates money raised to Kathie Gorham, chairwoman of the local Navy-Marine Corps Relief Society's volunteers, while other fund-raising committee members, Pat Mullis, Marc Maxwell and Audrey Schuyler, look on.

China Lake police encourage safeguarding of all valuables

China Lake Police officers remind people to take adequate precautions to safeguard their property and reduce the risk of theft.

NWCA seeking new members

Wives of enlisted members at the Naval Weapons Center are being asked to join the Navy Wives Clubs of America (NWCA), a national federation of Navy, Marine Corps and Coast Guard spouses. Chapters of NWCA are located worldwide, so members are able to transfer from one local club to another, assuring them friends, and assistance, at the end of a move.

Local clubs provide volunteer and monetary support to base commands, Family Service Centers, the Navy-Marine Corps Relief Society, American Red Cross, Scouts, schools, and many other military and community activities.

For more information about the local NWCA chapter, call Glenda at 375-7067; Cathy at 446-7636, or drop in at the clubhouse, on-Center, 1910 Mitscher.

To illustrate, China Lake Police recently investigated a series of thefts which occurred at the Naval Weapons Center Gymnasium. The thefts involved patrons' personal property and large sums of money being stolen from unlocked wall lockers. The investigation subsequently resulted in the arrest of a male adult who was caught in the act by

China Lake Police officers.

Even though the crime rate aboard the Naval Weapons Center is low, individuals must take the initiative and appropriate measures to protect property.

A simple padlock and routine locking of all doors and windows provides a degree of deterrence making the opportunity for thefts less appealing.

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All perimeter gates get new padlocks

During September, the Physical Security Branch (Code 2411) will be changing padlocks which are currently on NWC perimeter gates. The change is required by OPNAVINST 5530.14B and Naval Weapons Center Instruction 5510.29 CH-12.

Codes requiring keys to perimeter gate security padlocks must notify Code 2411 by memorandum, signed by the directorate/department head or their designated key custodian. This step should not be taken lightly. Keys issued to individuals must ensure a viable operational need exists that is consistent with physical security requirement. Convenience or status is not sufficient

criteria for issuance of keys.

Key custodians are held accountable for enforcing rules for key issue as part of their function. Continuous accountability of these keys is required at all times. Ideally, department, division or branch key custodians should issue perimeter gate security keys as needed and have them returned the same day. This prevents inadvertent loss of keys, maintains accountability and keeps a key available for use by various employees in the respective code.

Requests for the security keys can be sent to Code 2411 through August 31. For more information about these requirements, call Terry Trahey at NWC ext. 3398.

RF safety training available here

On August 26 and Sept. 30, Dr. Richard Hughes will present Radio Frequency Safety classes for Naval Weapons Center Radio Frequency (RF) workers.

Classes will be held in Room 114 at the Training Center. There will be two, four-hour classes, running on each training date. The first class will be held from

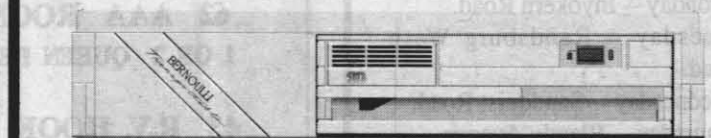
7:30-11:30 a.m., while the second class will run from 12:30-16:30 p.m. Class size is limited, so register early.

To register, just submit a NAVWPNCEN Form 12410/73 (Rev. 12-88), On-Center Training Request, to the Safety Program Office (Code 2405), attention Gary Beckstrom.

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Cruise missile troubleshooter earns Center honor

(Continued from Page 1)

cruise missiles, causing a serious safety concern.

The Naval Weapons Center was tasked to inspect all suspect Navy CEBs to ensure their safety. Specifically, the team, headed by Blecha, was requested to tear down each suspect missile, download and inspect each CEB in Navy inventories and return the missiles and CEBs to cruise missile depots for re-building and re-issue.

There were 35 suspect cruise missiles and a total of 15,000 bomblets contained in those missiles and in other locations, either in loose munitions or modules ready to install, needing inspection, noted Blecha. Eighteen of those missiles were already onboard ships or submarines and 17 were stateside.

Blecha noted there were only eight naval activities where the missiles could be torn down and the CEBs inspected, two of which were located outside the continental United States. Activi-

ties included Seal Beach; Titusville, a McDonnell Douglas facility; Charleston; Norfolk; Sycamore Canyon, Miramar; North Island; Hawaii; and Japan.

After extensive research on the sensitivity of the munitions, planning the procedures to be used while tearing down the missiles and learning all that could be learned about the missile itself, Blecha and his crew, consisting of explosive ordnance disposal (EOD) personnel from NWC and Wiley Laboratories, tore down their first missile on December 14, 1989.

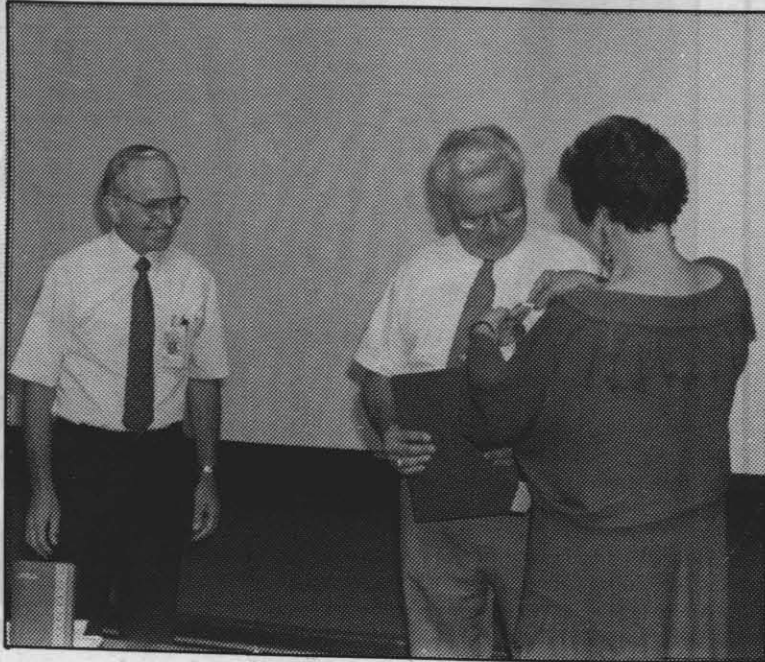
For the next two years, Blecha planned and coordinated the transportation of his equipment and team to each teardown location. According to Capt. G. P. Phillips, director of the Cruise Missile Project (PMA-280), Blecha conducted the teardowns on an "extremely aggressive schedule with the utmost attention given to the safety of personnel, facilities and equipment. Further, these inspections were con-

ducted in a manner that minimized the impact on the normal business of each activity."

At each site, Blecha coordinated with the activity's safety, ordnance, fire and medical personnel. In addition, Naval Sea Systems Command had to issue a special waiver for each site because, "We were not doing the normal type of work. It's not normal to go out and play with armed ammunition. There are all sorts of safety requirements in dealing with safe munitions, but how do you handle armed munitions?" noted Blecha.

Another factor to be considered was the missiles themselves. "We tried to do as little damage to the missile as possible, so they could be rebuilt and used in the fleet," Blecha explained. "We had to minimize the impact in case of an accidental detonation. By using the procedures developed by the EOD personnel, we could ensure minimal damage to personnel and equipment in case of premature detonation."

The inspections were finished in April, and all the munitions were verified to be safe, which is what Blecha's team and the Navy hoped for and suspected from the start.



WELL DONE--Henry Blecha keeps an eye on his wife as she pins the Navy Meritorious Civilian Service pin on him. Looking on is Bill Porter, NWC Technical Director.

Police will use radar on-Center

Motorists on board the Naval Weapons Center (NWC) are reminded that China Lake Police (CLP) officers enforce state and NWC traffic regulations.

According to Kerry B. Swigum, traffic manager, CLP Operations Branch, areas of concentration for next week are listed below.

- Friday -- Richmond Road.
- Monday -- Inyokern Road.
- Tuesday -- Randsburg Wash Road.
- Wednesday -- Sandquist Road.
- Thursday -- Blandy Avenue.

Violations may be cited at any time, as well as in areas other than the ones mentioned above.

Center Library back to normal operation five days a week

Beginning Sunday, August 25, the Center Library will resume its normal operation hours: Sunday, 10 a.m. to 6 p.m. and Monday through Thursday, 11 a.m. to 8 p.m. The library will be closed on Fridays and Saturdays.

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Qualified applicants needed to fill positions at NWC

(Continued from Page 18)

No. 39-031, Supervisory Interdisciplinary (General/Mechanical/Electronics/Aerospace Engineer/Physicist), DP-801/830/855/861/1310-3/4, Code 39B3 - This position is that of the Missile Homing Improvement Program (MHIP) Project Manager. The incumbent will report to the Head Anti-Air Projects, Code 39B. The MHIP Project Manager is responsible for all aspects of MHIP Common Seeker effort at NAVWPNCEN, including planning, budgeting, contracting, staffing, and project execution. The project manager will place primary emphasis on the tasks of negotiating and representing NAVWPNCEN status positions and plans to NAVSEA, NAVAIR and the MHIP community outside NAVWPNCEN. The project manager will exercise direction of NACWPNCEN inhouse efforts and contracted efforts. The project manager will monitor the IRISS contract efforts for Common Seeker and coordinate the MHIP integration of the seeker with Sparrow Missile, (Code 39B8) and Standard Missile, (Code 39B11). **Job Relevant Criteria:** Knowledge of Naval weapons systems and requirements; knowledge of NWC personnel policies and procedures; knowledge of affirmative action including a willingness to implement EEO policies and goals. Ability to influence and motivate others; ability to plan, organize, coordinate, and manage technical projects. Must serve a one year supervisory probationary period if not previously completed. Must be able to obtain and maintain a Top Secret clearance. Any applicant tentatively selected for this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. See "NOTICE REGARDING DRUG TESTING DESIGNATED POSITIONS" in Promotional Opportunities box above. Promotional potential to DP-4, but not guaranteed. This ad closes 29 August 1991.

No. 39-033, Supervisory Interdisciplinary General/Mechanical/Electronics/Aerospace/Engineer/Physicist/Mathematician, DP-801/830/855/861/1310/1520 - 3/4, Code 3911. This position is Head of the RF Missile Systems Branch, Missile Systems Division, Intercept Weapons Department. The branch is responsible for the synthesis and analysis of RF weapon systems. Work performed by the branch includes design and tradeoff investigations of RF missile systems and subsystems; engineering investigations related to developmental and operational weapon systems; pre- and post-flight data reduction and analysis of RF missile systems; maintenance and evolutionary growth of RF HWIL simulation facilities; target/background signature characterization and validation; and mathematical modeling and subsequent development of computer simulations required to accomplish the above mentioned tasks. **Job Relevant Criteria:** Knowledge of mathematical modeling and computer simulation development; knowledge of RF missile guidance; ability to deal effectively with top NWC management and officials from Washington; ability to deal effectively with personnel of diverse backgrounds; knowledge of affirmative action principles including a willingness to implement EEO practices. Promotion potential to DP-4, but not guaranteed. This announcement closes 9-5-91.

No. 39-034, Supervisory Interdisciplinary (General/Mechanical/Electronics/Aerospace/Engineer/Physicist/Mathematician, DP - 801/830/855/861/1310/1520 - 3/4, Code 3915. This position is Head of the Dynamics and Control Branch, Missile Systems Division, Intercept Weapons Department. The branch is responsible for providing analytic and design support for Department and Center weapon programs. The branch performs control design and analysis including mathematical modeling and subsequent computer implementation of missile systems. **Job Relevant Criteria:** Knowledge of control system design and evaluation; knowledge of aerodynamic modeling of weapons; knowledge of mathematical modeling and computer simulation development; knowledge of affirmative action principles including a willingness to implement EEO practices; ability to deal effectively with top NWC management and officials from Washington. Incumbent may be required to serve a one year supervisory probationary period. Promotion potential to DP-4, but not guaranteed. This announcement closes 9-5-91.

No. 39-035, Supervisory Interdisciplinary (General/Mechanical/Electronics/Aerospace Engineer), DP-801/830/855/861-3/4, Code 39B1 - This position is that of Deputy for Contracts Management, reporting to Head of the Advanced Technology Applications Office, Code 39B1, Air-to-Air Program Office, Intercept Weapons Department, Code 39. The incumbent will be responsible for managing all aspects of contracts for highly technical activities supporting multiple classified advanced technology demonstration projects. The incumbent will interface closely and coordinate with the Deputy for Projects Management in Code 39B1. Responsibilities include: acting as close liaison with sponsors and contracting officers; coordinating and accomplishing long range planning for future contract efforts; planning for, participating in, and directing source selections, proposal evaluations, down selects, option elections, maintaining detailed contract performance, schedule, and budget status; coordinating with and supporting in-house technical project activities; and interfacing closely with contractors as a Contracting Officer's Technical Representative (COTR). The Deputy Manager will supervise an in-house staff of contractors, document control, and other personnel. Considerable travel will be required. **Job Relevant Criteria:** Knowledge of major systems acquisition cycle; knowledge of all aspects of contract planning, monitoring, and close out, including classified contracts; knowledge of NWC personnel policies and procedures; knowledge of affirmative action including willingness to implement EEO policies and goals; ability to manage and execute technical projects; ability to gather, compile, and analyze various project contract/technical data; ability to communicate orally and in writing; ability to motivate technical and management personnel, on/off center. Must have COTR Certificate. Must possess a current Top Secret clearance with active SBI. Any applicant tentatively selected for this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. See "NOTICE REGARDING DRUG TESTING DESIGNATED POSITIONS" in "Promotional Opportunities" box above. Promotional potential to DP-4, but not guaranteed. This announcement closes 9-5-91.

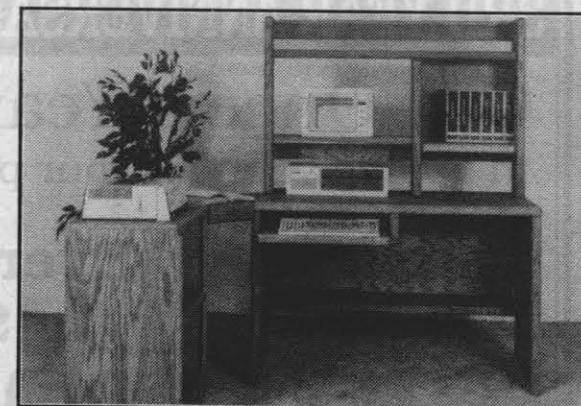
CSUN writing test set for September 5

On Sept. 5, the English Writing Proficiency Test will be given to graduate students of Cal-State Northridge (CSUN). CSUN students should take the exam as soon as application for admission has been submitted. **This test must be passed before the student is granted classified (unconditional) status as a master's candidate.**

Graduate students must attain classified status before earning more than 12 units of academic work acceptable towards the master's degree. The exam fee is \$20. Checks must be made payable to California State University, Northridge.

To arrange to take the exam, or for more information, call Denise at NWC ext. 2648.

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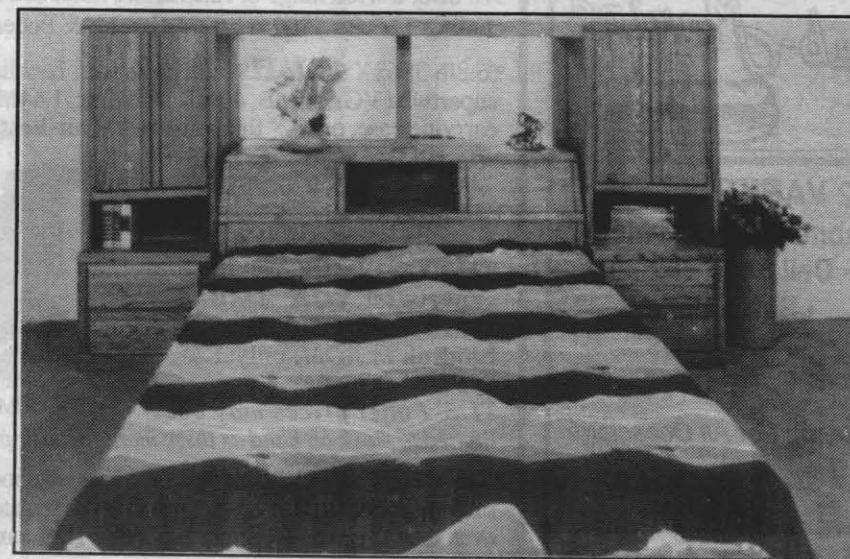
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Personnel news

Promotional opportunities

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

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

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

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

Notice Regarding Drug Testing Designated Positions

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

No. 31-021, Supervisory Engineering/Technician, DP-802/856-3/4, Code 3111 - This position is that of Head, AV-8B/AH-1 Facility Branch, Avionic Facilities Division, Aircraft Weapons Integration Department. The Branch develops, maintains, and operates simulation/integration facilities to support the AV-8B and AH-1 Weapons System Support Activity (WSSA) in the roles of technical assistance, requirements definition, system development, weapons system integration, validation, hardware engineering, facility software engineering, simulation software engineering, simulation software, and Fleet support. **Job Relevant Criteria:** Knowledge of avionics facilities hardware and software analysis, design, and operations; knowledge of embedded computer applications and productivity enhancement; including hardware and software tools; knowledge of computer systems architecture and applications; knowledge of affirmative action principles including a willingness to implement NWC's EEO practices and policies. Ability to perform as a first-line supervisor; ability to plan, organize, coordinate and manage a technical program. Incumbent may be required to serve a one year supervisory probation period. Promotion potential to DP-4, but not guaranteed. This vacancy announcement closes on 5 September 1991.

No. 31-022, Supervisory Computer Specialist, DP-334-3/4, Code 3111 - This position is that of Head, AV-8B/AH-1 Facility Branch, Avionic Facilities Division, Aircraft Weapons Integration Department. The Branch develops, maintains, and operates simulation/integration facilities to support the AV-8B and AH-1

Weapons System Support Activity (WSSA) in the roles of technical assistance, requirements definition, system development, weapons system integration, validation, hardware engineering, facility software engineering, simulation software engineering, simulation software, and Fleet support. **Job Relevant Criteria:** Knowledge of avionics facilities hardware and software analysis, design, and operations; knowledge of embedded computer applications and productivity enhancement; including hardware and software tools; knowledge of computer systems architecture and applications; knowledge of affirmative action principles including a willingness to implement NWC's EEO practices and policies. Ability to perform as a first-line supervisor; ability to plan, organize, coordinate and manage a technical program. Incumbent may be required to serve a one year supervisory probation period. Promotion potential to DP-4, but not guaranteed. This vacancy announcement closes on 5 September 1991.

No. 31-023, Supervisory (General Engineer / Electronics Engineer/Aerospace/Engineer/Physicist/Mathematician/Computer Scientist), DP-801/855/861/1310/1520/1550-3/4, Code 3111 - This position is that of Head, AV-8B/AH-1 Facility Branch, Avionic Facilities Division, Aircraft Weapons Integration Department. The Branch develops, maintains, and operates simulation/integration facilities to support the AV-8B and AH-1 Weapons System Support Activity (WSSA) in the roles of technical assistance, requirements definition, system development, weapons system integration, validation, hardware engineering, facility software engineering, simulation software engineering, simulation software, and Fleet support. **Job Relevant Criteria:** Knowledge of avionics facilities hardware and software analysis, design, and operations; knowledge of embedded computer applications and productivity enhancement; including hardware and software tools; knowledge of computer systems architecture and applications; knowledge of affirmative action principles including a willingness to implement NWC's EEO practices and policies. Ability to perform as a first-line supervisor; ability to plan, organize, coordinate and manage a technical program. Incumbent may be required to serve a one year supervisory probation period. Promotion potential to DP-4, but not guaranteed. This vacancy announcement closes on 5 September 1991.

No. 31-024, ENGINEERING TECHNICIAN, DT-0802-2/3, Code 3272 - This position is located in the Ordnance Processing Branch, Propulsion Systems Division of the Ordnance Systems Department. Incumbent is responsible for providing direct technical support in the design and fabrication of plastics, rubbers and composite parts and assemblies for the branch. Sets up machinery to process special parts; sets up test equipment and raw materials in order to complete project work in the propellants and explosives processing area. Creates and monitors contracts in order to maintain machining equipment, including recommended upgrades and new equipment; creates drawings which may be used as a basis to procure and fabricate required hardware. Provides written documentation on project work, including test data; writes and revises operating procedures; writes processing

requests i. the design and fabrication of finished parts and assemblies. **Job Relevant Criteria:** Knowledge of geometric dimensioning and tolerancing; knowledge of ordnance safety; ability to use machining equipment; ability to communicate in writing; ability to develop mechanical drawings. Promotion potential to the DT-3, but not guaranteed.

No. 34-021 Supervisory Librarian/Technical Information Specialist/Program Manager, DA/DP-1410/1412/340-3, Code 343 - Position is a Branch Head located in the recently reorganized Library Division. The incumbent supervises a diverse group of library personnel. The incumbent will organize and control functions associated with library services such as the circulation, acquisition, cataloging, interlibrary loan, and reference functions. **Job Relevant Criteria:** Knowledge of the principles and techniques of librarianship and of engineering and scientific literature resources; Knowledge of online searching methods and techniques and databases such as RLIN, Dialog, and DTIC; Experience with online library systems; Broad experience with computer systems (hardware and software); Knowledge of procurement/contracting/COTR/TM practices; Incumbent may be required to serve a one year supervisory probationary period. Promotion potential to DP-3 not guaranteed. Supplemental forms may be picked up in Rm. 100, Personnel Bldg.

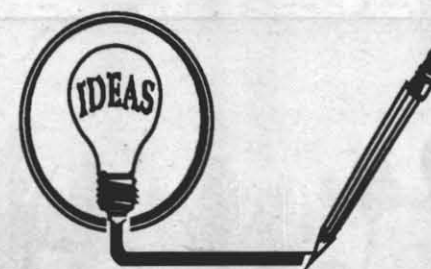
No. 36-019, Supervisory Interdisciplinary (Aerospace Engineer/Physicist/Chemist), DP-861/1310/1320-3/4 - This vacancy is to fill the Reliability and Maintainability Branch Head position in the Product Assurance Division, Engineering Department. The Division is responsible for providing Product Assurance support for a wide range of complex weapons systems and related equipment developed or managed by the Naval Weapons Center. This Division has high visibility involving significant interface with contractor and Off-Center Government management and requires extensive travel. **Job Relevant Criteria:** Ability to supervise a large branch through subordinate section supervisors; knowledge of the Product Assurance disciplines; ability to communicate in writing; ability to communicate orally; ability to interface effectively with both On- and Off-Center management; knowledge and application of affirmative action principles including a willingness to implement EEO practices. Incumbent may be required to serve a one year supervisory probation period. Promotion potential to DP-4, but not guaranteed.

No. 36-020, Model Maker, WG-4714-14, Code 36444 - This position is located in the Salt Wells Model Shop Section, Central Model Shop Branch, Engineering and Production Processes Division, Engineering Department. The incumbent is responsible for a variety of projects including unique and one-of-a-kind prototype models. The incumbent is responsible for independently planning, laying out, modifying, fabricating, and assembling prototype models. These models are made from a variety of materials which involve several fabricating processes and procedures and requires knowledge in more than a single trade. Additionally, some of the materials the incumbent works with requires that they be certified in the use of a respirator. **Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; ability to do the theoretical, precise, and/or artistic work of two or more trades; knowledge of pertinent met-

als; ability to use shop drawings; ability to use hand tools for machine shop; ability to measure and layout. Promotion potential to WG-14. To apply, all applicants must submit a SF-171 and a Supplemental Qualification Statement to Room 100 of the Civilian Personnel Building. (Forms can be obtained in Room 100 of the Civilian Personnel Building.)

No. 36-021, Model Maker (CAM Technologist), WG-4714-14, Code 36446 - This position is located in the CIM Branch, Engineering and Production Processes Division, Engineering Department. The incumbent is responsible for a variety of projects including unique and one-of-a-kind prototype models which are machined on CNC equipment, usually in close cooperation with a representative of the technical community. The incumbent is responsible for independently planning, laying out, modifying, fabricating, and assembling complete models without detailed instructions. These models are made from a variety of materials and involve several fabrication processes and procedures and require knowledge in more than a single trade. **Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; ability to do the theoretical, precise, and/or artistic work of two or more trades; knowledge of pertinent metals; ability to use shop drawings; ability to use hand tools for machine shop; ability to measure and layout. Promotion potential to WG-14. To apply, all applicants must submit a SF-171 and a Supplemental Qualification Statement to Room 100 of the Civilian Personnel Building. (Forms can be obtained in Room 100 of the Civilian Personnel Building.)

No. 36-022, Supervisory Quality Assurance Specialist, DP-1910-3/4, Code 36801 - This position is that of Associate Division Head of the Product Assurance Division, Engineering Department. The incumbent will support the division head in all administrative and technical matters pertaining to operation of the division which specializes in the disciplines of Electronics Production Technology, Quality Assurance, Reliability and Maintainability Engineering, and System Safety Engineering. The division also conducts research and development and productivity enhancement activities related to printed wiring circuit boards and electronic assembly/manufacturing technologies. The incumbent will play a major role in the conduct of division product assurance reviews and will be instrumental in the development and implementation of a division wide training program. In addition, the incumbent will provide participative product assurance leadership on special investigation teams/committees as the need arises and will interface with off-Center DoD and industry counterparts and management. **Job Relevant Criteria:** Demonstrated professional work and management experience in several of the product assurance disciplines; ability to provide leadership to a multi-disciplined group of professionals; ability to plan and track a project from concept to completion; ability to communicate in writing; ability to communicate orally; ability to interface effectively with both on and off-Center management; knowledge of affirmative action principles including a willingness to implement EEO practices. Incumbent may be required to serve a one year supervisory probationary period. Promotion potential to DP-4, but not guaranteed. This announcement closes 9/5/91. (Continued on Page 19)



The Key to Continuous Improvement

Here are some more implemented IDEAS. IDEA No. 15 was proposed by Patty Caraker, Code 32902. She noted daily miles figures on the transportation office's monthly mileage report was based on code estimates and was often inaccurate. She proposed a better way to calculate the figures and Sharon Lager, Code 2609, agreed and modified the report accordingly.

IDEA No. 29 submitted by Linda Ware, Code 3951. It questioned why timekeepers were required to fill out the white card each week along with the timecards. Lee Ann Riddoch, Code 285, agreed and pointed out that Code 28 does not require the white card but, based on Linda's submission, agreed the issue would be addressed in the Code 28 Customer Service Tips.

IDEA No. 82, submitted by Bradley Glasco, Code 31804, addressed the process used by MWR for refund of deposit for equipment rental. MWR required the specific customer copy of the receipt be returned for refund - a problem if the slip was lost. Brad proposed that the receipt number be recorded on the rental contract and the employee allowed to sign for the receipt of the refund. Paul Bacziewicz and the MWR staff agreed and have changed their process accordingly.

If you have any question or need any information, we'd be glad to talk with you. You can reach the IDEAS office at X2311, or E mail - SCF::IDEAS, or QuickMail - Code-27-QM (Macintosh or Truesdale)

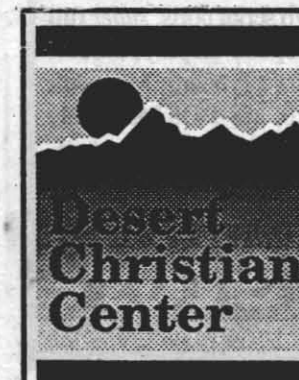
In the last week these new Ideas were submitted: No. 168, Improved Air Defense System, Jack Marchetti, Code 6236 (Jack proposes a technical approach for an air defense system); No. 169, CO/JO Summaries, Erik van Bronkhorst, Code 3814 (Erik suggests an easier way to provide branch heads with weekly Customer Order/Job Order summary); No. 170, Combined Benne Sugg/MILCAP/IDEAS, Ltjg Brian Abel, Code 214 (Ltjg Abel suggests the Beneficial Suggestion, MILCAP, and IDEAS programs be combined); No. 171, Residential Area Speed Limits, Ltjg Brian Abel, Code 214 (Ltjg Able recommends the speed limit be lowered for Center residential streets); and No. 172, Reduced Size Phone Book, Fred Zarlino, Code 3276, (Fred proposes that the Phone Book be reduced by using smaller print so that it will fit into the phone binders)

From Code 055

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Earlier this month, Air Test and Evaluation Squadron Five (VX-5) Vampires replaced the existing sign at the intersection of State Route 190 and Panamint Valley/Trona Road warning travelers of the possibility of weapons systems being tested and the possibility of sonic booms in the area.

The Naval Weapons Center, VX-5, Edwards and George Air Force bases use this area for extensive developmental and operational testing.

While the sign was being replaced, several aircraft were involved in flight operations over the area, highlighting the event.

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Ordnance safety, accountability wins Team Award

(Continued from Page 1)

Kirkendoll, Rob Bernhardt, Brian Sweany and Mike Osburn. Cdr. Seal and FCCM E.J. Britt were recognized by Capt. Cook for their leading roles in the ordnance safety arena.

Before the Weapons Action Group teams tackled the massive task, the Center had performed poorly during two consecutive NESI. Internal reviews substantiated widespread deficiencies in Arms, Ammunition and Explosives (AA&E) management. Problems included lack of consistent AA&E key control, unauthorized storage of ordnance on loading docks, ammunition containers not turned into the supply systems and no recent, accurate ammunition inventory of NWC ordnance.

In addition to the successful NESI visit, the teams' efforts were recognized by a Physical Security Assist Team for significant improvements in the Center's AA&E posture. In particular, they commended NWC personnel for positive changes in their attitude toward explosive safety.

Capt. Cook told team members he was very supportive of their efforts and very pleased with the result brought about by the Weapons Action Group. The group, he noted, led to forming a separate Weapons Support Department under Cdr. Seal. The Skipper acknowledged the hard work, long hours and difficult assignments taken on by this team.

Porter and Capt. Cook urged the team to continue their efforts on behalf of ordnance accountability and safety.



WEAPONS TEAM--Capt. Douglas W. Cook, NWC Commander, Bill Porter, NWC Technical Director and Cdr. Warren Seal, head of the Weapons Support Department, presented the NWC Team Award to the following group for their efforts on the Weapons Action Group. Bill Deem, Chuck Stanley, John Howard, Marty LaFranier, Ray Miller, Mel McCubbin, Chuck Tracy, Dennis Sorges and Everett Long. Jack Kavanagh, Herb

Richter, Larry McKune and Diane Wadelin. Roy Parris, Wendy Lilly, Tony Taylor and Tony Domino. Ken Olson, Vaughn Forbes, Randy Kirkendoll, Rob Bernhardt, Brian Sweany and Mike Osburn.

Photo by PH3 Cary Brady

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Lead weight plays an important part in fishing rivers successfully

For river fishing, the correct lead weight is as important as the type of lure or bait. Weights (sinker) which are too heavy snag easily, if too light, the bobber won't stay near the river's bottom. To determine the right weight, cast out and see if the bobber sinks and then rises somewhat before hitting again. Also, make sure the lead weight is straight. A crooked or bent piece of lead can cause the line to twist or tangle. Another item to remember is that bobbers are designed to look just like a cluster of fish eggs. Their success is due to color, action and how buoyant they are as they drift naturally along the bottom. Check with any sporting goods store to find out just what type of bobber should be used to ensure a successful fishing trip.

The Owens River in the Big Pine area is releasing catches on nightcrawlers, notes the Bishop Chamber of Commerce. Tinnemaha Creek is back in action; fish high above the campground area and use powerbait. The Upper Big Pine Creek is still producing nice trout for those using orange or yellow powerbait.

In the Bishop area, South Lake has just been stocked with over 5,000 trout! (Hint: try using a fluorescent Kastmaster). Brookies are being caught from Bishop Creek. Try just above Parcher's Resort on

the South Lake Road. Use any type of wet or dry fly, and work the small pools, continuing to work upwards. Limits are being taken from Lake Sabrina for anglers using Zeke's floating bait (pink) or yellow powerbait. Fish the end of the dam or to the right of the marina.

Use yellow powerbait when fishing Rock Creek Lake. Remember to work the entire area, sometimes a few yards makes the difference between no fish and finding an entire school. If fishing the west shoreline, use a frog pattern super duper. In the evening, try an olive matuka or a fly and bubble with worms or nightcrawlers.

At Convict Lake, yellow powerbait and worms are a good combo for shore fishing. For trolling, try the back of the lake about six to seven colors of lead core line deep with either a green rapala or silver needlefish with lots of worms. The creeks in the area are doing fair on salmon eggs.

Lake Mary is the best lake for trolling in the Mammoth lakes area. Use a frog pattern needlefish. Trout in Lake George have been biting on the new red fluorescent powerbait.

Red eggs, yellow or green powerbait combo has been great for the entire June Lake loop area.

Barstow-Calico fun ride planned

On Sunday, Sept. 22, the Barstow Area Chamber of Commerce and the High Desert March of Dimes will sponsor the first Barstow-Calico Fun Ride.

Starting in Calico Ghost Town at 8 a.m., riders will choose between a 25 or 50 mile loop, traveling along Old Route 66 through Newberry Springs. During the ride, participants can see the experimental coal gasification plant, the famous "Solar-One" (America's first central collector solar generating plant, and "SEGS One" (the first of eight full-time solar generating fields on the high desert. Riders will finish by pedaling through the old historic

town of Daggett and back up to Calico. After the ride, relax by exploring the scenic Calico Ghost Town.

If paid before Sept. 7, the entry fee is only \$25 per person. After Sept. 7, the fee is \$30. Participants will receive a Fun-Ride t-shirt, free pass to Calico Ghost Town, juice, fruit, breakfast treats, Eagle Snacks, A'Sante' sparkling waters and an entry for a prize drawing. The first 100 entries will get a free water bottle.

For entry forms, call the Barstow Area Chamber of Commerce at (619) 256-8617, or stop by the *Rocketeer* office, 902 Nimitz Street.

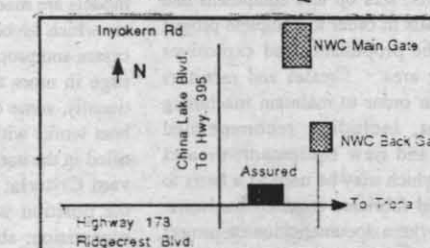


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Barstow hosts softball tournament on Sept. 6-8

BARSTOW -- The Barstow Area Chamber of Commerce will host its first *High Desert Softball Tournament* on Sept. 6, 7 and 8 at the Marine Corps Logistics Base fields in Barstow. Teams from all over the High Desert are invited to participate.

There will be both a men's upper and lower division. The round-robin event will offer MVP Awards to the Colorado Belle Hotel & Casino in Laughlin, Nevada, along with first, second and third place awards for each division. Entry fee is \$125 per 12-man team. Registration deadline is August 26.

For more information or entry to the tournament, call Felix Espinoza at (619) 252-4428, or Beth Lendway at (619) 256-8844.

Gunnery Sgt. Wood teaches self-defense moves to youth

How many children can *really* defend themselves? At least 15 are learning to in Gunnery Sgt. Wood's tae kwon do class for children at the Naval Weapons Center's Gym annex. Monday through Thursday, children from 5 to 11 years old are learning how to kick, block and punch.

Eventually, Wood hopes to enter the children in competition. Today, August 22, Wood, some of his adult students and the children will put on a demonstration at the Youth Center, starting at 9 a.m. The Ninja Turtles will also be there showing their moves. Don't miss out, the public is invited to attend.

Anyone interested in learning more about Gunnery Sgt. Wood's class for children should call the Youth Center at NWC ext. 2909.



We are pleased to announce the latest limited edition Personal Commission™ fine art print of environmental significance by Bev Doolittle, North America's leading artist in print. We invite you to join with us in *Sacred Circle*. Not only is it a beautiful work of art, but partial proceeds from each print will be donated by the publisher to further conservation education.

Edition size is limited to the number of prints ordered between August 1, 1991 and September 30, 1991. Accompanied by a complementary full-length video *Sacred Circle: Conserving Nature's Delicate Balance*, which explores the print's meaning and focuses on environmental concerns.

For complete details, please visit, call, or write our gallery.

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Sports

Legler leads winning team in national shooting match

Six sharp shooters, led by Fire Control Master Chief Ralph J. Legler, USN Ret., became the National Civilian High Power Champions with their marksmanship in the National High Power Rifle Championship competition. Former command master chief of the Naval Weapons Center, FCCM Legler was chosen as the captain of California's high power rifle team when he won the California State Service Rifle Championship earlier in the year.

As captain of the winning civilian team, Legler was selected to be a member of the Governor's team, consisting of the top six civilian individual shooters at the match. At a future date, California Governor Pete Wilson will present a medal to Legler honoring the distinction.

In addition to placing first in the six-man team competition and placing third overall in other four-man team competition, Legler placed in three individual matches. He did so well overall, he was chosen as the Secretary of Navy High Retired Navy Recipient for his outstanding performance during

the four-day event.

During his tour of duty at China Lake, FCCM Legler was a member of the NWC Rifle team, and often represented NWC in military matches throughout the United States. As a member of the NWC Rifle team, he held the National Navy High Power Rifle Championship title for seven of the last eight years he was in the Navy. For several years, he held the national shooting record for 1000 yards. He brought home first place trophies for such events as the national; President's Navy Cup and Coast Guard Auxiliary matches. He was named the California State Service Rifle champion three times and is now winning matches as a civilian.

Since retiring from the Navy in May, 1990, Legler has won the Pacific Fleet's Individual Rifle match and became runner up in the any rifle, any sight competition. He was also named the 1990 Civilian Nevada State Champion.

What are his future plans? To start preparing for next year's competitions.



PROUD WINNER -- FCCM Ralph Legler, USN Ret., holds the plaque he won in the National Civilian High Power Rifle Championships.

Pool hours change next week

Starting next week children will be back in school and the Naval Weapons Center's Morale, Welfare & Recreation Department's Sports Division is curtailing hours at the China Lake

Community Pool (formerly the O'Club pool).

From August 26-29, the pool will be open from 3 to 6 p.m. for open swim. Through September, the pool will be open Saturdays

and Sundays from 11 a.m. to 12:30 p.m. for lap swim, and from 12:30 to 7 p.m. for open swim, weather permitting.

The pool will close for the season on Sept. 30.

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August 7, 8 & 14 5:00 p.m.
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Troubled employees have help a phone call away

Naval Weapons Center employees have numerous assistance resources available on-Center and in the community if they have a substance abuse problem and need help or information.

NWC's Employee Assistance Program (EAP) provides a professional counseling program to assist employees and their families. EAP offers any NWC employee, civilian or military, a place to go for confidential advice or assistance for any problem. Special programs are available to

refer employees for professional treatment outside the work place. NWC ext. 2408.

The Center's Drug-Free Work Place Coordinator (Code 22104) is a local source of information on the Navy's Drug-Free Work Place Program and NWC Drug Testing Program. He also can provide information to increase knowledge and awareness of substance abuse. NWC ext. 2018.

There are a variety of organizations in the Ridgecrest community which provide individuals with information on substance

abuse or assistance with drug or alcohol problems.

The Wednesday edition of the *Daily Independent* newspaper, lists many of these organizations in a section titled *Need Help*. Additional drug and alcohol support groups and private assistance information is available in the Yellow Pages of the local telephone book.

Some of the local resources are:
• **Al-Anon High Desert Club**. A local support organization for friends and families

of alcoholics. 375-9120.

• **ALATEEN**. A support group of young people affected by someone else's drinking. 375-5445.

• **Alcoholics Anonymous (AA)**. Provides local information and support to recovering alcoholics. 375-5445.

• **Narcotics Anonymous (NA)**. Provides local information and support to recovering drug addicts.

In addition, there are numerous national organizations dedicated to helping.



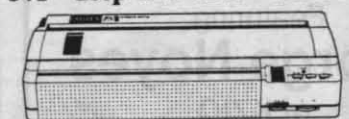
Addicts don't ask for help. That's what managers are for. Denial is one of a drug addict's best weapons. It keeps addicts from facing up to their problems. And it keeps out people who might help.

If someone who works for you is using drugs, don't expect an earnest confession. You'll be waiting a long time. Go to her. Lay it out straight. Tell her, simply, to get well or get out. It won't be easy. But you've got to do it. It may be the one threat that gets a drug user out of fantasy and into treatment. Meanwhile, there's help for you. 1-800-843-4971 is the National Institute on Drug Abuse

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1:00-3:00 Application-Specific Briefings:
Frame Technology will demonstrate Desktop Publishing in the multi-platform environment: Apple will discuss its UNIX networking strategies and SUN Microsystems will address plans and products for Apple support.

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In Action!

Weapons Planning Department produces Analysts Work Bench

(Continued from Page 1)

model best able to cope with the problem at hand. As more projects use AWB, more models become part of the system library and are fully documented.

Analysts in Code 304 think there is great potential for AWB, and not just in their own group. For example, Ketcham said AWB could extend the analysis generated from WEPTAC. Such an extension is already planned, allowing the WEPTAC analyst or sponsor to take a completed WEPTAC run and do additional analysis at a fraction of the cost. The Navy's Strike Warfare Center at Fallon, Nev., has suggested using AWB to extend the analysis capability of the TACTS range exercises in a similar manner. Ketcham suggested NWC's Echo

Range was another area where AWB's capability could be utilized.

Training and education applications of AWB has been suggested by the Naval Postgraduate School and the Strike Warfare Center. In addition, the Army has expressed an interest in developing Army related models, giving AWB potential for use outside the Navy.

'We hope AWB will let analysts do more analysis work.'

Code 304 has had interest expressed in AWB by the Naval

Science Advisor with the U.S. Sixth Fleet for use as a tactical decision making aid. Other fleet support applications might include shipboard use in mission planning and exercise reconstruction efforts.

"We've been striving to make this very flexible," commented Ketcham. "We hope AWB will help let analysts do more real analysis work and spend less time being computer programmers." In fact, one of the driving forces behind AWB was a desire to give junior analysts more tools to learn their trade and get them out of intense programming efforts. "Our junior analysts were becoming more like senior programmers than senior analysts," quipped Ketcham.

NWC's analysts like some of

the special features found in AWB. This includes use of a simple, flexible script language for writing data files, following the Macintosh Human Interface Guidelines closely, use of the Force Movement Model to play out scenarios over time and a reset feature allowing the analyst to pick a branch point, continue, then return to the branch point and run multiple "what-if" simulations.

In addition to adding new models and increased sophistication on existing models, the AWB development team in Code 304 has several goals for the next fiscal year. They plan to have the capability to access Defense Mapping Agency (DMA) terrain data bases on CD ROM and hope to gain access to other DMA data such as feature and coastline maps facilitating mission set-up applications. They also plan to enhance the programmers documentation and add a Monte Carlo mode loop to AWB's existing capability.

Beta users will find bugs, but no major problems.

By the end of next month the AWB team expects to release its final beta test version B3.0 to

users, along with a user's manual for using the script language. "We expect users to find some bugs, nothing major we hope, in this version, but as more users test the framework, the bugs should be discovered and corrected. Sometime in Fiscal Year 1992, Ketcham said "we will release the final, thoroughly tested version, 1.0, along with a final users manual on integrating models into the AWB."

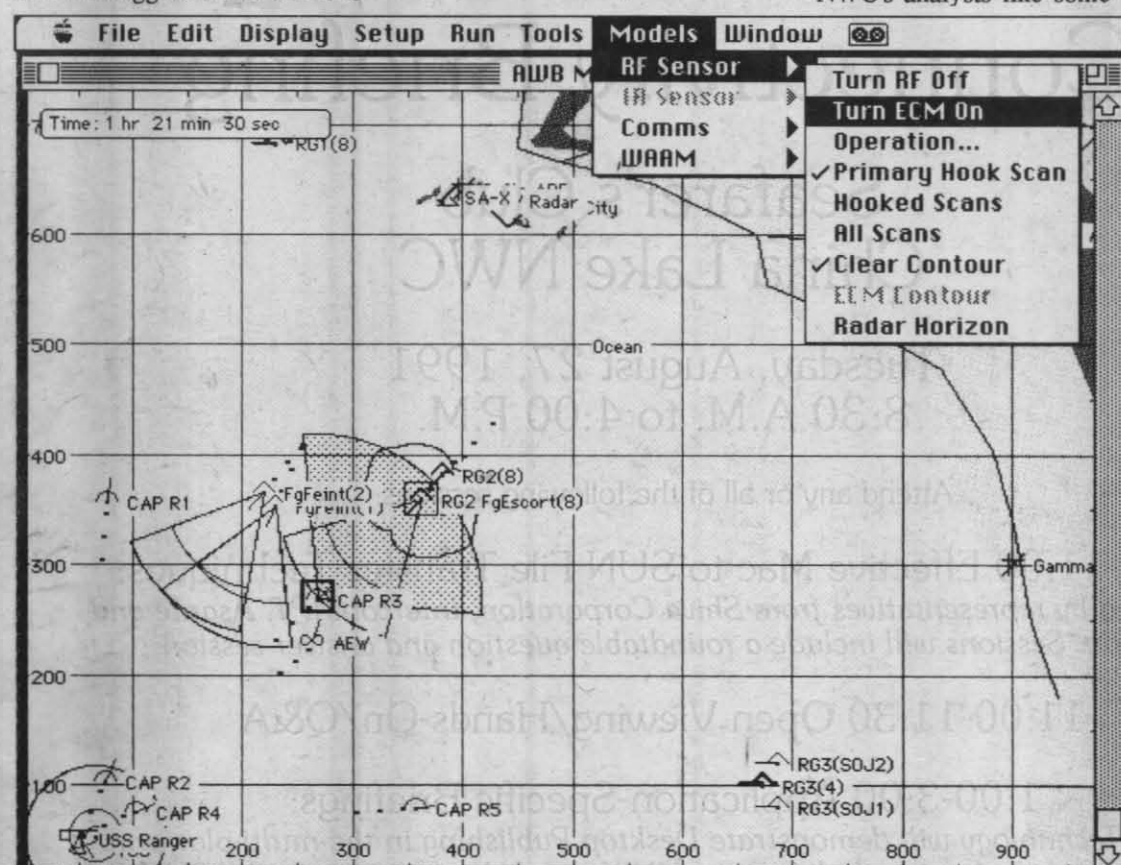
New tool seen as big step forward by analysts.

Ketcham is looking to an AWB users group to facilitate broad application of the program. This group, with the AWB development team at its core, can coordinate configuration management of AWB, collect new models and data files for distribution to members of the group.

The AWB development team knows their work won't solve all the problems facing analysts, but feel it's a big step in the right direction.

They are looking for additional beta testers of their software. Those interested in possibly using AWB should contact Ketcham at NWC ext. 2363 to arrange a demonstration.

SIMULATION—One analysis scenario used by the AWB shows attack aircraft searching for a battle group and defenders seeking out the attackers.



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MWR

Attention single sailors! Submit recreational ideas to Deb Oliver

Single sailors represent approximately one-third of the Navy. Programs and activities for these sailors are now occurring at many Navy commands under the title of Young Adult Programing (YAP).

The Fleet/Force Master Chiefs and the Master Chief Petty Officer of the Navy expressed concern in 1987 that the social and recreational needs of 18-to-25-year-old single sailors were not being adequately met through Morale, Welfare and Recreation (MWR) programs.

What distinguishes YAP from other MWR programs is that YAP is a dedicated, aggressively-marketed program aimed exclusively at single enlisted sailors in the 18-25 age group, with emphasis on special events and social and recreational skills development.

There are two challenges encountered by bases initiating a YAP program: it's not a revenue generator, and 18-to-25-year-old single sailors are difficult to reach because of their diverse needs and desires.

In an effort to begin a YAP at the Naval Weapons Center, MWR staffers would like single sailors, 18-to 25-years old, to submit ideas on the types of programs they would like to see here.

This is a chance for you to be heard! Send your suggestions to Deb Oliver, Code 192.

Queen Mary/Spruce Goose discount tickets available

Experience a nostalgic world of art-deco elegance at the historic Queen Mary and Spruce Goose for only \$1.50 (\$1.00 for children) until Nov. 11.

Uncover the dark secrets of this fabled ocean liner. Take a journey of exploration through the massive Queen Mary, from the intricate Engine Room below the waterline, to the gleaming Wheelhouse, 12 decks above.

The Spruce Goose is an amazing sight as well. Visitors can actually board this aeronautical wonder to marvel at its all-wooden structure and awesome dimensions. Under the wings, check out the Legendary Auto Show -- look at tons of cars which are remembered for fun, prestige and mystery.

For the ultimate overnight experience, the Hotel Queen Mary is offering a special military rate of only \$35 per night, Sundays through Thursdays, subject to availability. This spectacular price is only good for military personnel. Hotel vouchers and reservations are required to take advantage of this great overnight price, which is good for up to four people per room.

Discount tickets, which are good for military and DoD personnel, and hotel vouchers (only military are eligible) are now available at Craftech.

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Get ready for some laughs at Comedy Night, Sept. 13

Grab your funny bones as once again, the Naval Weapons Center's Morale, Welfare & Recreation Department will present **Comedy Night**. Three professional comedians from Los Angeles will strut their stuff Sept. 13 on the O'Club patio, starting at 8 p.m.

Prior to the show, guests can enjoy a charbroiled steak or chicken dinner, including tossed salad, baked potato, corn on the cob, coffee, tea and strawberry shortcake. Dinner starts at 6 p.m.

Prices are \$7.95 for dinner and \$7 for the show.

Dinner tickets must be purchased in advance and will not be sold at the door. O'Club members receive a special price, only \$6 for dinner and \$5 for the show. Just show your membership cards when purchasing your tickets.

Tickets may be purchased at the O'Club Barefoot Bar or the Seafarer Club. Remember, adult humor will be presented. No one under 18 years of age will be admitted.

For further information, call NWC ext. 2581.

I Do! I Do! tickets now on sale

Almark Productions™ and the Morale, Welfare & Recreation Department are honored to present **I Do! I Do!**, a happy, rollicking musical about marriage at the Seafarer Club on Friday, Sept. 6.

Alicia Helen Markarian, who will play the leading female role, Agnes, began her "love affair" with the arts at an early age. She has performed in such productions as *Carmen*, *Die Fiedermaus*, *Kiss Me Kate*, *Show Boat* and *Man of La Mancha*.

Alex Petrides will play the leading male role, Michael. Petrides was last featured on Broadway in Harold Prince's production of *Zorba*. He has also played in other roles such as *Kismet*, *Can Can*, *Kiss Me Kate*, *Most Happy Fella*, *Guys and Dolls*, *Vagabond King* and *Merry Widow*.

The past few seasons have found Markarian and Petrides touring together as the well-known international vocal duo *Alex and Alicia*, appearing in concerts and supper clubs throughout the United States,

Canada and South America.

Since forming their own company, Almark Productions, the two have produced dinner shows such as *Godspell*, *Camelot*, *Fiddler on the Roof*, *Prisoner of 2nd Avenue*, *West Side Story*, *Oklahoma* and *I Do! I Do!*

Cocktails will be served at 6:30 p.m., followed by a chicken a la orange or prime rib dinner at 7 p.m. To round out the dinner, diners can enjoy rice pilaf or baked potato, fresh asparagus spears with lemon butter sauce, salad, rolls, coffee and desert. The show starts at 8 p.m. Tickets are \$20 per person.

There are only 250 seats available for this one-night performance! Don't miss out! Put on your party clothes (no jeans, please) and have a fun time! Get your tickets today at the Seafarer Club or call NWC ext. 2581 for reservations.

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CPR saves a life

(Continued on Page 14)

attacks, while approximately half that number succumb before reaching a hospital or receiving other emergency treatment.

Physicians say in most situations, the first four minutes are crucial. After that, blood flow to the brain can cease, and if a person did survive, the result could be brain damage.

The Naval Weapons Center's last CPR class for 1991 is August 13. While the class is full, people wanting to learn CPR should call Dena Christison in the Safety and Security Department at NWC ext. 2315. Another series of CPR classes will be offered next summer.

CPR is a powerful, life-saving tool, which only takes a few hours to learn. Be prepared!

Frank took the time to write this letter of thanks to his friends and co-workers.

On the afternoon of May 20, while working on the ranges north of SNORT, I suffered a heart attack.

Fortunately for me, Jimmy Stevens, Jack Tipton and Ron Ryan, three co-workers from Public Works, were with me.

The use of CPR, their quick thinking and fast-acting and the mercy of God is the only reason I am alive today to write this letter.

Since it is almost impossible to find adequate words to thank someone for saving your life, my simple prayer is "may the good Lord richly bless and reward" my three friends.

Frank Portillo.

George Petty needs assistance

George Petty of Code 3941 is in need of a bone marrow transplant for treatment of melogenous leukemia. He has been undergoing chemotherapy for this illness since 1989. The City of Hope National Medical Center has 58 possible donors for Petty, but testing of these donors will cost \$40-50,000, none of which is covered by health insurance. Co-workers in the Intercept Weapons Department are requesting donations to help Petty meet some of this expense.

Anyone wishing to make a donation may send a check for the George Petty Fund to:

City of Hope National Medical Center
Treasurer
c/o Roz Phillips, Director of Finance
1500 E. Durate Rd.
Durate, CA 91010

Or, checks to the fund can be dropped off in Room 119, Michelson Lab, with Ann Ferguson or Pat Hall, Code 3941.

Washington (NNS) -- The 11th annual Modern Day Marine Military Exposition will host more than 140 companies, many of them major defense contractors from around the world, at the Sheraton Washington Hotel, Washington, D.C., Aug. 27-29.

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Safety:

Play time can be hazardous to employees' health

Safety isn't an issue just during the working day. Recreation time is also a time for safety awareness. Just ask any of the principles involved in the following Navy mishaps about recreation safety.

•An ET2 ran to catch a fly ball in a baseball game, the next thing he knew, he was on his back and teammates were looking down at him. He collided with a fellow player and suffered a concussion.

•A player from the same command, at a later game, didn't want to make the same mistake, so he watched the other players, stepped in a hole and tore leg muscles. Could it be the Bad News Bears are back?

•One FAs boyfriend invited

Gulf War's winners and losers eyed

The military and the media: who were the winners and losers?

The August issue of *Proceedings*, the monthly magazine of the U.S. Naval Institute, features a special 26-page section titled *Images of War*, which focuses on the relationship between the media and the military (the Navy, in particular) during Operation Desert Storm. This multi-faceted package comprises ten different viewpoints, many of them from people who served in the gulf during Operation Desert Storm.

her for a motorcycle ride, she rolled up her pant legs for comfort. The machine leaned as she got off, resulting in third degree burns and two weeks limited duty.

•After some water skiing, an EM1 climbed into the boat, using the propeller as a step. After noticing a trail of blood on the deck, he was rushed to an emergency room where surgeons reconnected the severed tendon.

•Fireworks proved the undoing of an AZ3. When a firecracker he lit didn't go off, he leaned over to look for the reason -- then it went off. He was lucky to lose only a day from work due to powder burns and not his vision.

Of course, even seemingly non-dangerous work situations can cause problems as well.

As part of a TQL training session, the instructor had employees participating in a team building exercise which required them to pick up a fellow employee, pass her horizontally overhead through a rope "spider web." You guessed it, they dropped her. She lost nine days from work.

As was said on the old Hill Street Blues television show, "let's be careful out there."



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Deadline near on CSRs

Customers of the Code 2711's Network Service delivery order (Boeing GM96) who are using expiring funds should follow this guideline: *We can not guarantee FY91 billing on work completed after 8/31/91.*

If you currently have, or are planning, Communications Service Requests (CSRs) submitted for work performance through this delivery order and are concerned about the billing being done on FY91 funds, please contact Patti Patin at NWC ext. 2797 or Stan Shearer at NWC ext. 3467 to make arrangements.

We will do everything possible to get work completed and billed this year, depending on current workload and scheduling. Your cooperation is greatly appreciated.

By Patti Patin
Code 2711

SAME hosts talk on Cerro Coso

Roe Darrell from Cerro Coso Community College will speak on *Educational Opportunities for Old and Young Engineers* at the next meeting of the Society of American Military Engineers. The lunch meeting is set for 11:30 a.m. on Sept. 3 at the Seafarer Club. Reservations must be received by close of business August 29. Call Dot at NWC ext. 3411, ext. 283; or Darrell Hovde at ext. 3411, ext. 360.

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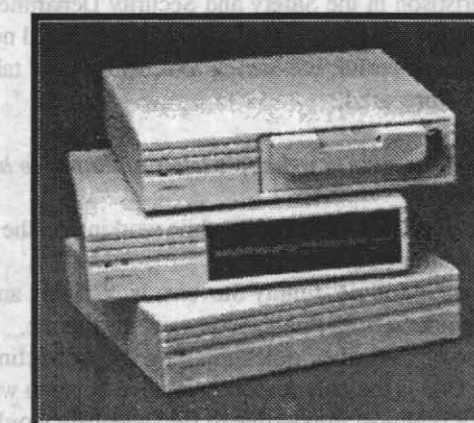
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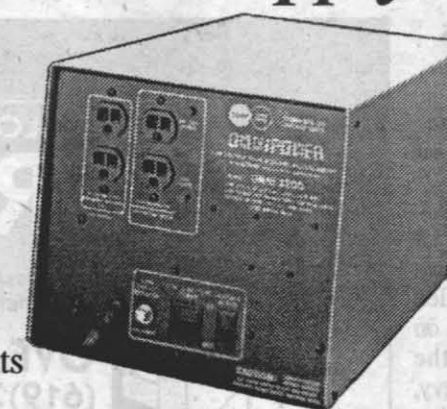
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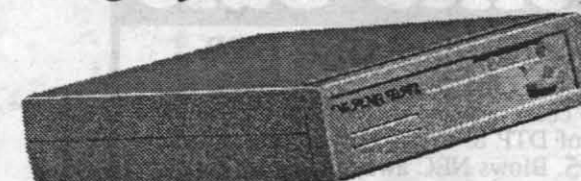
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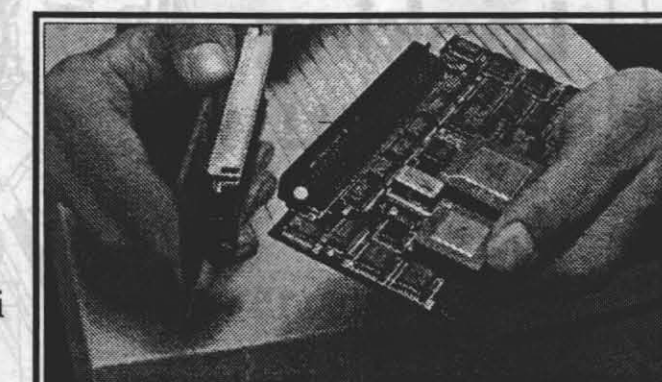
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