

Community Events

On June 29, the Maturango Museum will present a Fourth of July puppet show, *Yankee Doodle's Barnyard*, starting at 2 p.m. The presentation will thrill children of all ages. The Saturday Adventure is free with admission to the museum.

Applications are still being taken for Cerro Coso Community College's Summer Youth Employment Training Program (SYETP). Twenty-three individuals, between 14 and 21 years of age, will be selected for this state-funded program to work full-time on campus from June 10-August 16. Participants will be paid \$4.25 per hour. To be eligible, an individual must be a resident of Kern County and considered economically disadvantaged.

Applications are available at the Student Services Center. Completed applications are to be returned as soon as possible. For more information, call 375-5001, ext. 219.

July's schedule for the Kern County Health Department's Pregnancy Screening clinics in Ridgecrest are set for 8 to 11 a.m. on July 2, 9, 16 and 24 at 250 W. Ridgecrest Blvd. There is a \$2 charge for each pregnancy test. For more information, call 375-5157.

Another school year is just around the corner, and parents are reminded to check their children's immunization records.

Immunization clinics are held at the Ridgecrest office of the Kern County Health Department (250 W. Ridgecrest Blvd.) twice a month. Next month, the clinics will be held from 8:30 to 11 a.m. and from 1 to 3 p.m. on July 1 and 15. Cost is \$3 per immunization, with a maximum charge of \$10 per family per visit. For more information, call 375-5157.

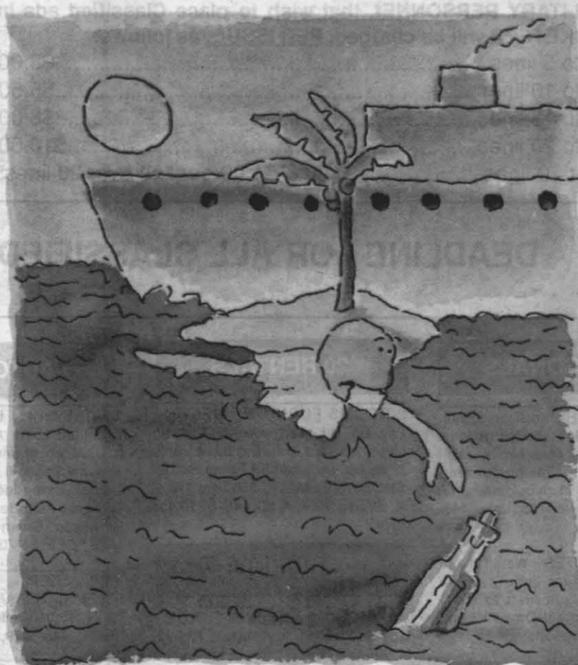
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Don't miss the 4th of July Celebration at the Desert Empire Fairgrounds. Free admission. Games, food and fireworks. For more information call (619) 375-8000

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June 27, 1991

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Weather Report

	Max	Min	Peak Gusts
Wed.	90	66	30
Thurs.	94	50	18
Fri.	92	53	20
Sat.	94	51	15
Sun.	94	51	21
Mon.	86	64	30
Tues.	88	57	24

Disaster exercise planned Friday

At 9:35 a.m. on Friday, June 28, a 6.0 to 7.0 earthquake will shake Kern County. This "quake" will be much stronger than any earthquake felt in the recent history of this region. Moderate to major damage will be reported throughout the Center, especially from areas in close proximity to the fault rupture. Some gas lines will rupture, increasing the potential for fires; landslides will occur on steep slopes and along mountain roadways; and reports of many casualties, with only a few fatalities will be recorded. Utilities will be disrupted.

From 9:30 to 11:30 a.m., departments throughout the Center will test their disaster plans when the above scenario takes place. The purpose of *Disaster Exercise '91* is to evaluate and improve emergency operations and familiarize participants with the Naval Weapons Center Emergency Management Plan.

Codes participating in the drill include OOC, 003, 007, 21, 232, 24, 2405, 2406, 25, 26, 28, 61, 6116, 6203, 81, NTCC and PSD.

Deadline enforced due to holiday

Due to the 4th of July falling on Thursday this year, the *NWC Rocketeer* will be distributed on WEDNESDAY, July 3. This holiday schedule change means the paper will go to press early, and the *Rocketeer* staff MUST have all articles and photos for this paper no later than FRIDAY, June 28. For more information, call NWC ext. 3354.

NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLVI, No. 24, June 27, 1991

Patience: A virtue which triumphs!

Cathy Partusch, the new PAO, finally takes the reins

By Kristine L. Smith, Rocketeer Staff Writer

Patience is one of those virtues easier to admire in others than to actually demonstrate within oneself. It requires a lot of discipline and determination. And, often times humility is the key to its success. It's been written "patience must have her perfect work" and Cathy Partusch, the Naval Weapons Center's new Public Affairs Officer, firmly believes the truth in that statement.

Partusch has spent her entire profession exemplifying these rare qualities and earnestly believes patience has led her through a bumpy and winding career path. "Looking back, I really wouldn't have done anything different," reflected Partusch, "I never say never anymore. . . keep the door open and continue to pursue your options for opportunity--that's how we grow!"

Partusch's communications journey began when she was roped into the journalism field



Cathy Partusch

as co-editor of the high school annual. Up until that point, she had been very much into forensics and debate. But during her senior year, she took the reins as editor and realized she had found her niche in life. "That was the turning point!" exclaimed the new PAO. She talked the local newspaper into letting her submit articles on youth activities which ultimately led to a summer job as a reporter.

After attending the University of Missouri for a year, the young rebellious journalist decided to venture into the world of "Lois Lane" full time. For two years she worked at *The Sedalia Democrat* as well as being a feature writer for the *Carthage Press*. "Those two experiences made me aware of what role communications (particularly written journalism) play in the growth of this country," said Partusch.

In 1972, the young reporter joined the Navy to pursue her career in the government (Continued on Page 5)

Pyke's knowledge, skills earn recognition

Contributions to infrared and visible spectral target simulation technology brought the Naval Weapons Center's Technical Director's Award to Bob Pyke of the Engineering Department's Micro Systems Branch recently.

Bill Porter, NWC Technical Director, made the presentation, praising Pyke's work, noting it was this kind of work and this kind of result that keep China Lake going forward. "I really appreciate the hard work and excellent job you did on this project," added Porter.

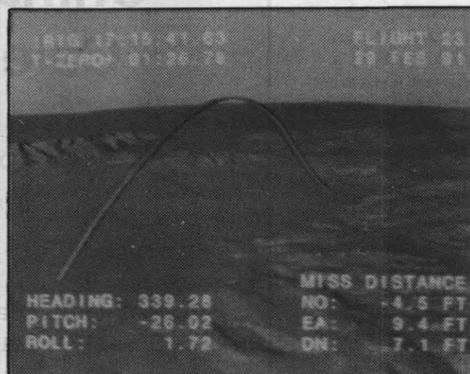
In the citation accompanying the award, Porter said of Pyke, "your tenacious sense of engineering propriety resulted in successful completion of the Sidewinder test set production program, including certification of a second source for the target simulator and establishment of repair depot at Hill Air Force Base."

Bob Riggs, head of the Engineering Department, nominated Pyke saying, "A series of production problems associated with

target quality, calibration and alignment arose requiring Bob bootstrap himself into the field of infrared technology. Using available resources and a tenacious sense of engineering propriety, Bob was able to husband the target simulator portion of the Sidewinder test set production program to a very successful conclusion."

Riggs credited Pyke's resourcefulness in target simulator technology with development (Continued on Page 5)

Computer data recovery saves time and money



SIMULATED PLOT--Computer animation shows the simulated path of an A-6E "knosy" aircraft. Such simulations is one of the techniques used to make test data more readily understandable by more people. Photo by PH3 Cary Brady

Where do you turn at the Naval Weapons Center when you need test data cleaned up? Who do you call? Not the ghost busters, but the professionals in the Aerosystems Department's Data Analysis Section.

With computer capability second to none at NWC, the section specializes in taking on highly complex data analysis and data reduction chores. The group can handle the most complex telemetry, INS and space positioning data demands. They specialize in custom data analysis required by sponsors.

Beyond this, they have developed a number of computer programs and routines to clean data, correct time errors in the data and present graphic and animated versions of massive amounts of data.

People and high-powered computers work interactively in this section.

"We let the computers do what they do well and people do what they do well," commented Tom Bozack, section head. "People are better than computers at pattern recognition while the computers can't be beat for pure number crunching." By combining the best of both worlds, Bozack feels the section has become highly proficient at recovering good data from zones that display bad data.

"It's a lot cheaper for us to spend a few days cleaning the data and correcting errors in time and data than to redo an entire test of a missile or other asset," added the section head. With home-grown programs such as CLEAN and Quick-Plot, section members can save substantial time and money for many codes at NWC.

"Rather than presenting customers with huge stacks of paper printouts (Continued on Page 6)

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Commentary

NWC Rocketeer

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The Skipper Sez...

QUESTION

At my work place, we have a recycling program where everyone has a box by the trash can. Once a week, an employee comes by and gathers up all the paper and puts it by the door. The following Monday, the recycling guy comes over and picks it up. I just left the Admin Building and I noticed eight to ten trash bags, largely filled with paper. If we are suppose to be so conscious of recycling, I was wondering why the Admin Building doesn't participate the way we do and if something will be done about it. Thank you.

ANSWER

Your observation is timely, pertinent and correct. NWC participates in its environmental programs with pride. However, some efforts, like

Pages from the Past



July 3, 1986

Jack Russell, NWC's test and evaluation director finds the China Lake challenge retains its allure for him even after 30-years in the desert. . .VADM. J.B. Wilkenson, Commander, NAVAIRSYSCOM, was the guest speaker as Capt. Ken Dickerson, NWC Commander retired. . .China Lake's new "all-volunteer" band led by Stan Ricker provided music for the retirement ceremonies. . . Dwight Holford, head of the PW Housing Division received special thanks from the Skipper for his work as division head.

July 2, 1981

Capt. Will Haff turned over command of NWC to Capt. John Jude Lahr. . .Capt. Haff received the Legion of Merit from RADM. James Busey representing the Chief of Naval Material. . .Navy officials in Washington, D.C. announced plans to study many functions at NWC to see if they could be contracted out. . .Capt. Paul Hollandsworth, CO of VX-5 received the Commander's Cup for the squadron's sports expertise. . .B.Z. Szczypiorski of the All Faith Chapel's Catholic Congregation, was pictured with the

Navy Chief of Chaplains at a picnic held in the admiral's honor.

July 1, 1966

Cdr. Paul Romantun reported to NOTS as the new Command Chaplain, relieving Chaplain Mark E. Fite. . .Thomas Creasy was elected president of the local Fleet Reserve Association unit. . .Joe Berkich and Ed Carpenter of the Pasadena Annex received Navy Meritorious Civilian Service Awards from Capt. John Hardy, COMNOTS, for their work on the Sealab Project. . .China Lakers were urged to celebrate a safe and sane Fourth of July.

July 5, 1951

A.H. Bissell of Public Works said construction is on schedule for 210 new housing units at NOTS. . .Housing officials announced the rent increases had been delayed until November 1. . .Marine Maj. J.C. Norris reported to NOTS as executive officers of the Guided Missile Training Unit. . .15 motorists were hauled into NOTS traffic court last week. . .J.L. Jones of the Underwater Ordnance Department was appointed to an ONR advisory group on batteries.

paper recycling, have been voluntary and not uniformly practiced throughout the Center, including the Administration Building. Estimates indicate the Center recycles only about fifteen to twenty percent of its waste paper. To correct this, the Center has established the position of Recycling Program Manager (RPM). The RPM's assignment is to maximize the Center's recycling efforts in a cost effective manner, including standardizing the Center's participation. This will eliminate the condition you recently observed. You may have already noticed articles in the *Rocketeer* and the Blue Sheet describing recycling efforts or seeking information.

It will be several months before a Center instruction is issued, because significant changes have to be made to the recycling program before it can be uniformly implemented. For example, the Indian Wells Valley Association for Retarded Citizens (IWWARC), which manages the paper recycling contract for the Employee Services Board, is losing money on recycling because the percentage of white ledger (bond) paper or computer printouts collected is not high enough to yield profitable shipments to Los Angeles. This is unfortunate because the Center would like to see this program continued. It generates money for MWR and it offers job training employment for special people in the community.

A few people have expressed concern that they should not recycle paper from their office because of security. Security comes first, but any paper which can be placed in a waste basket can also be recycled. Also, unclassified-sensitive materials which are being destroyed with the strip type shredders can be recycled as long as there is no carbon paper, plastic or foreign materials mixed in. Paper which has been destroyed with the cross cut shredders cannot be recycled because the pieces are too small for the paper recycling process. The RPM is reviewing equipment which can be used to destroy all sensitive documents but still yield recyclable paper.

Inputs like yours speed up the process of contacting each office. Your inquiry has already been instrumental in increasing recycling participation in the Administration Building.

Anyone who has questions or suggestions about our recycling program is invited to contact the RPM, L.R. "Tree" Crabtree, at NWC ext. 3432, or E-Mail to SCF::TREE. We are especially interested in ideas which will lessen the costs of collecting recyclable materials.

If you want to add your office to the pickup points, call the IWWARC supervisor, Sam Brown, at 375-9787. He will furnish you a list of recyclable products that IWWARC handles and will schedule your office for weekly pickup. Voluntary contributions of recyclable materials, including aluminum cans, glass and plastic containers, can also be taken to the Richmond Road recycling site.

China Lake Calendar

Wednesday, July 3

. . .Shoemobile visit sponsored by the ESB, PW Compound.

Thursday, July 4

. . .Independence Day!

Tuesday, July 9

. . .Budgeting for Baby class by NMCRS, NMCRS office, 1811 Lauritsen Road, 9-11 a.m.

Items of interest to the China Lake population may be placed in the CHINA LAKE CALENDAR by calling the NWC Rocketeer at NWC ext. 3354 before 11:30 a.m. on Monday before Thursday's publication.

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Ads up to 5 lines.....\$3.00
Ads up to 10 lines.....\$5.50
Ads up to 15 lines.....\$8.00
Ads up to 20 lines.....\$10.00
Ads over 20 lines.....\$10.00 & \$1.00 per line over 20 lines.

CLASSIFICATIONS

PERSONALS.....1	SERVICES.....30
LOST & FOUND.....5	AUTOMOTIVE.....35
HAPPY ADS.....10	MISC. FOR SALE.....40
HELP WANTED.....15	GARAGE SALES.....45
RENTALS.....20	PETS & SUPPLIES.....50
BUSINESS.....25	REAL ESTATE.....55

DEADLINE FOR ALL CLASSIFIED LINE ADS IS 4:30 p.m. TUESDAY -

1 PERSONALS

BASS PLAYER! High caliber, technically proficient Rock & Roll guitarist and percussionist seek similar abilities to form band for performing selected material at clubs/parties/etc. Phone Ben, 446-4587 or Lake 446-3740 after 4 p.m.

CAR POOL WANTED - Would like to join or form car pool. From Lancaster/Palmdale area to NWC China Lake. Contact David Weiss, (805) 943-6382 eves/wkends.

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

NEED A RIDE TO L.A. AREA! Older gentleman wants ride to L.A. Share expenses. Call Roy at 375-8519.

5 LOST & FOUND

FOUND: Orange striped kitten on corner of Vieweg Circle. Call 446-2446.

20 RENTALS

1 BDRM., 1 BATH
Pool/walk-in closet/refrigerator
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446-6561 or 371-2414

2BR 1BA TRIPLEX - Ref, stove, extra roomy, W/D hookups, W/T paid. Small pets OK. \$450/mo. + sec. dep. 375-6307.

20 RENTALS

2 ROOMS FURN OR UNFURN - Priv. BA, ref, micro, washer & dryer, all utilities paid including basic cable & phone. In beautiful home. NON-SMOKING FEMALE. \$300/mo. 1052 N. Sierra view. Call 446-6710 for appt.

25 BUSINESS

10 MACHINE VENDING ROUTE - Local locations, investment \$3,995. 1-800-848-6642.

30 SERVICES

CHILD CARE IN MY HOME - Lots of room to romp and play. 3 full time openings. Will take part times and drop-ins too. Family Home Daycare Certification pending. Base licensed. 446-1012.

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1980 Jeep Cherokee. 6 cyl., runs great, 18 mpg, smogged, 4D. Low Blue Book \$3,200. Must sell \$2,500. 446-4952.

1987 FORD TAURUS Sdn. 2.5L, V4, auto. \$5,200.00 371-3375.

1991 Ford Escort LX wagon, fully loaded, moving must sell. \$12,000. 446-3871.

Gem top for older El Camino - Good Shape. \$150. 446-5788 after 5 p.m.

40 MISC. FOR SALE

COMPLETE COMMODORE 64 Computer w/printer, color monitor, disk drive & fast load. 139 software programs w/instruct. and all manuals + LOTS OF EXTRAS. ALSO Computer Work Center, desk w/hutch & printer stand. Works great. Sacrifice all for \$550/OBO. 446-7489.

FEDDERS AIR CONDITIONER, 1300BTU. Only used 1 month - \$350; Treadmill - \$50; Brand new clutch plate set for Honda Accord, '78 model - \$75. 375-6055.

40 MISC. FOR SALE

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

45 GARAGE SALES

Garage Sale - June 29 & 30, 8am-3pm. 2003 Midway Rd.

50 PETS/SUPPLIES

Leaving area. FREE FEMALE KITTEN - Long Hair, grey w/white. Also adult Black/White female cat. 446-4824.

Male Rottweiler, 1-1/2 years old, great dog, great with kids. Must sell \$350 OBO. 446-5544.

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Two VX-5 job openings available at China Lake

(Continued from Page 20)

training/self development, performance appraisal rating and awards as related to the position to be filled. Experience will be based on the following factors: knowledge of aircraft and flight scheduling procedures; ability to work effectively with others; ability to work under pressure; ability to perform duties requiring attention to detail; ability to communicate orally and prepare written reports/correspondence. Note: On a separate sheet of paper, as supplement to your SF-171, provide examples of your knowledges, skills and abilities applicable to each of the factors identified above. The area of consideration is Dod activities in the commuting area and DoD eligibles for transfer. Position requires security clearance and selection may be made at either level. Promotion to level above that of selection is NOT guaranteed, but may be done without further competition. Applications received by June 28 will be processed first. Those received after June 28 will be processed in order of receipt. To apply, submit a SF-171, Background Survey Questionnaire and a copy of your most recent performance rating to the Civilian Personnel Department, Training Bldg. A (North Entrance) Rm. 113, Naval Air Station, Lemoore, California, 93246-5001.

This announcement will remain opened until filled.

Learn basic paints & draws from video

Basic Paints & Draws (2 hours) Self-study. By MacAcademy. VHS video.

This video reviews tool palettes, creating graphics, screen dumps, using the clipboard, grouping graphics, paint tools, paint special effects, draw special effects and proof prints.

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	83D87-33	229

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Soldering courses set for July

One 40-hour high-reliability soldering course to MIL-STD-2000 and two 24-hour recertification courses to MIL-STD-2000 will be held in July. All three courses will be held from 7:30 a.m. to 4:30 p.m. at 543 Graaf Street.

People interested in taking one of the three classes should contact the Soldering Technology Training Facility, Code 36812, at 446-5571. After being scheduled into a course, a Training Request (NAVWPNCEN 12410/73), with the appropriate JO annotated in Block 16, should be sent via department channels to Code 36812.

The high-reliability soldering course is set for July 22-26. This course is for government/contractor personnel needing certification as inspectors or operators. The requirements for the course are (1) previous soldering experience and (2) a current eye examination.

The two recertification courses will be held July 1-3 and July 22-24. These courses are for government/contractor personnel requiring annual recertification as inspectors or operators. The prerequisites for the courses are (1) previous certification to MIL-STD-2000 and (2) a current eye examination.

Self-study tapes at Training Center

Excel 2.2 (6 hours)

Self-study. By MacAcademy. VHS video.

This course consists of three videos. In the first video, viewers will learn about creating spreadsheets, formatting cells, inserting columns, entering formulas, defining functions, printing options, displaying options, save and save-as, dates and times, split screen, attaching notes and name cells. Video two covers calculation precision, worksheet protection, databases, database criteria, database summary, database extraction, set print area, sorting, database entry, linking spreadsheets, charts and graphs. The third video reviews logic functions, look-up tables, creating macros, custom menus, calculations, interactions and window menus.

Fast Track (1 hour)

Self-study. Audiocassette.

The Great Marketing Turnaround: The Age of the Individual and How to Profit From It, by Stan Rapp and Tom Collins. From the authors of the

bestseller *MaxiMarketing*, a visionary look at the trend toward a new consumer -- and database driven marketing approach. Includes an interview with Rapp and Collins.

Breakthrough Thinking: Why We Must Change the Way We Solve Problems, and the Seven Principles to Achieve This, by Gerald Nadler and Shozo Hibino. Two international consultants expose the flaws of conventional business thinking and reveal the seven key decision-making principles used by successful people. Includes an interview with Nadler.

Hypercard Tips (2 hours)

Self-study. By MacAcademy. VHS video.

This course will cover cards, stacks, buttons, fields, backgrounds, go menu, tools menu, create new stack, fields, copy buttons, using buttons with graphics, link command and hypertalk scripts.

Military News

MOWC spreads tidings of cheer



HONORED MILITARY DEPENDENTS -- The Military Officers' Wives Club recently held its annual luncheon honoring recipients of the MOWC scholarship program in Capt. Douglas W. Cook's backyard. Each year, military dependents are selected for educational scholarships based on the individual's merit and need. This year, \$3,500 was divided between six individuals. Recipients are (front row, l to r) Karen Hallock, UCLA; Trudy Martinez, CSUB; Rose Gregory, U.C. Berkley; (back row, l to r) Craig Ganger, San Diego State University; Rigel Frame, San Diego State University; and James Gipson, Universal Technical Institute. Photo by PH3 Cary Brady



DONATION TO CLINIC -- MWOC's Barbara Murphy (left), Julie Antonio (Center) and Randie Williams present NWC's Branch Medical Clinic's LCdr. Maureen Kusnierek and LCdr. Richard Titi with a new ear thermometer, glucometer (which tests blood sugar levels) and a nebulizer (for respiratory problems). Photo by PH3 Cary Brady

A message from the Admiral
As the Navy/Marine Corps Relief Campaign is in full swing, I want to express my support for this very important program. I strongly believe in the Navy/Marine Corps Relief Society. I have seen it work. It provides the necessary assistance to our sailors and marines in their hour of need. I ask for your support in putting your weight behind this extremely valuable assistance program.
Admiral Kelly, CO, CINCPACFLT

NMCRS offers class for expectant parents

While having a baby is a happy time for most families, financial worries can put a damper on this special event. Start financial preparation now by attending the *Budgeting for Baby* class sponsored by the Navy Marine Corps Relief Society (NMCRS). This class will be held on Tuesday, July 9, from 9 to 11 a.m. at the NMCRS Office, 1811 Lauritsen Road.

A trained leader will provide information on:
•Increased housing, clothing and food costs;
•Medical needs and expenses related to birth;
•NMCRS Visiting Nurse Program;
•Diaper alternatives -- cloth vs. disposable;
•Car seats;
•WIC (Women, Infants & Children) Program;

•NMCRS assistance programs; and
•Legal, medical, financial and practical concerns associated with child rearing.

Military couples in their fifth or sixth month of pregnancy are encouraged to attend one of the classes which will be held once a month, alternating days and evenings. New and prospective parents will also benefit.

After completing the class, couples (E-5s and below) with less than two months to delivery date will receive a free layette containing baby supplies worth approximately \$250 retail value. Layettes are available to E-6s and above based on need. Cost of child care for those attending the class will be reimbursed at a reasonable rate. Stop by the office or call NWC ext. 2921 for more information.

Stay in tune with CHAMPUS policies

Persons who aren't eligible for Medicare Part A (hospital services) and are able to keep CHAMPUS after reaching age 65, may have to pay a penalty if they later become eligible for Medicare (such as through a spouse's eligibility) and sign up for Medicare Part B (medical insurance).

Here's an actual case which illustrates the problem:
A retired Army sergeant's wife is several years older than he is. She didn't work long enough under Social Security to be eligible for Social Security benefits, including Medicare Part A, so the Social Security Administration issued her a "Notice of Disallowance." But, she was eligible for CHAMPUS benefits as the dependent of a military retiree. So, because she had been using CHAMPUS, she decided not to participate in Medicare Part B.

When the sergeant was approved for reduced Social Security retirement benefits at age 62, his wife was already over 65. As a result of his Social Security eligibility, she became eligible for Medicare Part A, and lost her entitlement to CHAMPUS.

When she then tried to sign up for Medicare Part B, she found she would have to wait until the next open enrollment period. Also, she would have to pay a 10 percent penalty on top of the regular Medicare (Continued on Page 4)

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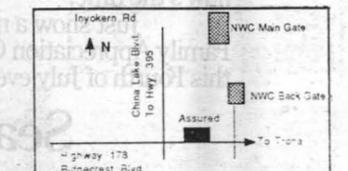
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NAVY-MARINE CORP RELIEF SOCIETY PRESENTS ITS CLASS OF 1991 -- Navy-Marine Corp Relief Society graduates Chief Belanio, Atalina Belanio, Caridad Peninoy, Alegria Peninoy, Esperanza Peninoy, Shelby Rodgers, Erin Sonderman, Mary Spear, Nancy McKinney, Connie Barr, Ramona McIntyre, Susan James, Randie Reno, Julie Antonio, Kathie Gorham, Gloria Morrow, Dawn Cassiano, Barbara Murphy, Cathy Dalpain, Robin Cook, Glanda Basque, Julie Henson and Wellington Gorham all became certified volunteers after attending a week course by NMCRS instructor Georgia Gould.

Navy supports physical fitness programs

Washington (NES) -- When mishap reports involving physical fitness and sports are received, one factor is repeatedly cited as a major contributor to the accident -- overexertion.

People who are grossly overweight or who can't meet the minimum qualification standards of the military physical readiness training program are faced with not getting promoted, not getting transferred or being separated from the service. To get back into shape, they frequently try too hard, too fast, too soon.

Before starting any physical fitness program, check with your doctor. Your doctor will determine what precautions you should take and determine whether a physical exam is needed. Depending on your age and condition, you may need a physical exam which should include review of medication history, blood-pressure check, serum-cholesterol check, electrocardio-

gram and the stress or treadmill test.

However you maintain your physical fitness, it will pay dividends if done carefully and methodically. You should work gradually into a physical fitness or sports program on a routine schedule -- not just once or twice a year. Being fit will help you maintain a healthier life style and meet the Navy's mandatory Physical Readiness Test (PRT) requirements more easily.

In the Navy, support for physical fitness starts at the top. In 1987, the Chief of Naval Operations said that commanding officers should establish local fitness programs and provide organized times for exercise during the normal workday. He also said, "Navy people in uniform should reflect superb standards of excellence. Personal appearance and physical readiness are strong visible reminders of those standards."

Instead of working out the week before the PRT is given, you should start thinking in terms of a lifelong commitment to a more active lifestyle.

Be sure to select the types of activities you enjoy. Working out should be fun -- something you look forward to doing.

Once you decide on your activities, you should exercise on a regular basis. It is better to run three miles, three times per week than nine miles, once a week. If you are just starting your exercise program, remember, it is better to start off walking a couple of miles than running a five-minute mile.

Try keeping a log listing the type, length and frequency of your workouts. Make your workout part of your daily activities -- schedule it on your calendar. Don't worry if you miss an occasional workout, but make sure you are back into your routine soon.

CHAMPUS: Defense Department campaigns to educate service personnel

(Continued from Page 3)

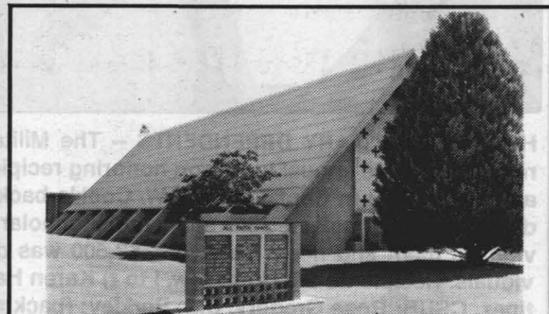
Part B premium, and would have to pay it for each year that had passed since she first "refused" Medicare Part B at age 65. In addition, her Part B benefits would not start until July 1 of the year she was able to enroll in Medicare Part B.

The Defense Department has become aware of this problem, and has begun a campaign to educate both service families and administrative personnel about it.

Also, persons who are affected may apply to the Social Security Administration for "equitable relief" from the penalty payments where there is reasonable evidence that an individual was not appropriately advised by the government so that he or she could make a proper election regarding Medicare Part B.

If granted by the Social Security Administration, equitable relief permits a person to apply for Medicare Part B medical insurance retroactively, without penalty. The person may pay the back premiums which would have been set earlier if he or she had been properly advised -- but without any penalty payments added to the premiums.

Any military retirees or surviving family members of deceased service members who might be affected by a situation like the one described above should contact the nearest Social Security Administration office regarding Medicare penalties.



Divine Services

Protestant	
Sunday Worship Service, East Wing	8:00 a.m.
Sunday Worship Service, Main Chapel	10:30 a.m.
Sunday School, 1008-10 Blandy & 1903-05 Mitscher	9:00 a.m.
Bible Study (East Wing), Wednesday	11:30 a.m.
(September thru June)	
Men's Prayer Breakfast, East Wing, Thursday	6:30 a.m.
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday	7:00 p.m.
Islamic	
Jumaa Prayer (Friday at 1002 Blandy)	1 p.m. (DST) 12 p.m.(ST)
Roman Catholic	
Sunday Mass, Main Chapel	9:00 a.m.
Daily Mass, Small Chapel	11:35 a.m.
Confessions, Weekdays	By appointment
Religious Education Classes (Sunday)	
(September thru May)	10:30 a.m.
1902 Dibb, 1002 Blandy, 1008-10 Blandy & 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)

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Notes from the Navy-Marine Corps Relief Society Office

Due to the holiday weekend, the Navy-Marine Corps Relief Society Office will be closed for business on Friday, July 5. In case of emergency, call the NWC Quarterdeck at NWC ext. 2303. Have a happy and safe 4th of July.

Thanks to generous donations from local individuals and merchants, such as Ai Ching Tam of Heritage Cottage, the China Lake Navy-Marine Corps Relief Society (NMCRS) is able to help service members and their dependents in our community. NMCRS volunteers extend warm thanks to Tam for the generous \$49 donation.



As you march in happier times, Sears would like to say thanks with something special.

What better time than the Fourth of July to honor those of you in our military. The men and women who bravely serve our country. At Sears, we're now offering this Family Appreciation Card to all of you, including Reservists and National Guard called up for the Gulf War, and your families. This one time offer entitles you to a 10% discount on anything you buy in our store for a period of 30 days. It also entitles you to a free oil change and safety inspection at any Sears Automotive Center, plus a free family portrait with one 5x7 and five wallet-size prints.

If you haven't taken advantage of our Family Appreciation Card yet, now's the time.

Just show a military or military dependent I.D. to get your Sears Family Appreciation Card. We hope this small token of our gratitude makes this Fourth of July even better.



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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 applicants will be rated on elements 4/7/8/9. A SUPPLEMENTAL FORM IS REQUIRED AND MAY BE OBTAINED IN ROOM 100 OF THE PERSONNEL BUILDING.

No. 23-002, Secretary (Typing), GS-318-5, Code 232 - This position is located at the Branch Medical Clinic, Naval Weapons Center, China Lake, CA and is under Naval Hospital, Occupational Health/Preventive Medicine Department, Long Beach, CA. The incumbent will perform secretarial duties which may include but not be limited to such things as: receiving phone calls and visitors in order to ascertain purpose of contact and responding to inquiries and referring to appropriate source; maintaining calendar including meetings, appointments and conferences; receiving and sorting incoming and outgoing mail; maintaining files; researching and gathering information in order to prepare reports, complete forms, respond to inquiries, obtain background material and draft correspondence. Job Relevant Criteria: Knowledge of correspondence procedures (which includes medical terminology); ability to organize, prioritize and schedule workload; ability to meet and deal with all levels of personnel. Full performance level is GS-5. Send application material and copy of current SF-50, notification of Personnel Action to: Civilian Personnel Branch Office, Naval Hospital (Code 905), 7500 E. Carson Street, Long Beach, CA 90822-5199. NOTE: Relocation expenses will not be authorized.

No. 38-007, Secretary (Typing), DG-318-1/2, Code 38502 - The incumbent provides secretarial support including travel arrangements, correspondence, short reports, arranging for conference rooms, viewgraphs, etc., to the Chemistry Division. Knowledge of and working skill on the MacIntosh II and software including Microsoft Word and Powerpoint is desirable. The full performance level of this position is DG-2. Previous applicants need not

reapply. No. 62-024, Secretary (Typing), DG-318-1/2, Code 6213 - This position is located in the Instrumentation Branch, Ordnance Test & Evaluation Division, Range Department. The incumbent will provide secretarial and administrative support to the Branch Head. Knowledge and experience on the MacIntosh computer is desirable but not required. Promotion potential to DG-2.

VX-5 has two positions open at NWC

Following is a Merit Promotion Program vacancy announcement submitted by the Consolidated Civilian Personnel Office in Norfolk, Virginia.

No. 0190/SS/C1, Technical Publications Writer-Editor (Physical Science and Engineering), GS-1083-7/9/11/12. This position is assigned to Commander Operational Test and Evaluation Force in Norfolk, Virginia and located at Air Test and Evaluation Squadron Five, China Lake, California. Incumbent edits material submitted by operation test directors, engineers and technical writers. Determines whether material should be added or omitted in order to fulfill project requirements or to convey the author's intended message. Writes publications based on personal knowledge of the subject matter and on information gained through research, interviews, observation and notes or other material. **Qualifications:** To be eligible, applicants must have the amounts of general and/or specialized experience required by the published qualifications standards. For general schedule positions, such experience must be at a level sufficient to satisfy time-in-grade and quality level stipulations as of the closing date of this announcement. The following experience and/or rating factors are relevant to this vacancy. Applicants must have one year specialized experience equivalent to the next lower grade level. **Rating Factors:** Applicants need to have strong technical background in the area of flight test and evaluation; proficiency in researching, writing, editing and publishing technical reports, test plans and related documents; and be familiar with Navy's current technical reporting style and common formats used by the naval aviation community. Note: If selection is made at the GS-7/9 or 11 level, selectee may be promoted to the full performance level of GS-12 without further competition. Activity will not pay relocation expenses.

Selectee must be eligible for a SECRET security clearance. Area of consideration includes appointable employees of DoD activities nationwide and spouses (with appointable status currently in permanent positions on DoD rolls) of relocating active duty military members and DoD civilian employees during the 30 days preceding through the six months following sponsor's relocation to the commuting area. Area of consideration is limited due to hiring freeze imposed by higher authority. To apply, submit a completed SF-171 and current annual performance rating to CCPO Naval Base, Norfolk, VA 23511-5360 by 4 p.m. on July 5. If no rating is available, submit statement to this effect and reason. Applicants who wish to be notified of action taken must submit CCPO NORVA 12330/12 Reply Card with their SF-171s. To ensure proper consideration, applicants should put the announcement number of the position applied for on their SF-171s.

Following is a Merit Staffing Program vacancy announcement from the Department of the Navy, Naval Air Station, Lemoore, California.

No. 074-L-91, Aircraft Dispatcher (Typing), GS-2151-4/5, \$15,171/\$16,973 per year (or higher step in accordance with regulations). This position is located at Air Test/Evaluation Squadron Five, NWC China Lake, CA. Incumbent coordinates and schedules numerous aircraft of various types and different aircrews for operational tests and flights of other purposes. Prepared Daily Flight schedules. Maintains aviator log books to record and document all flights flown and ensure proper accounting of flight plans and statistics. Verifies and maintains Naval Aircraft Flight Record files. Prepares a variety of written material such as letters, memoranda, reports, (Continued on Page 22)

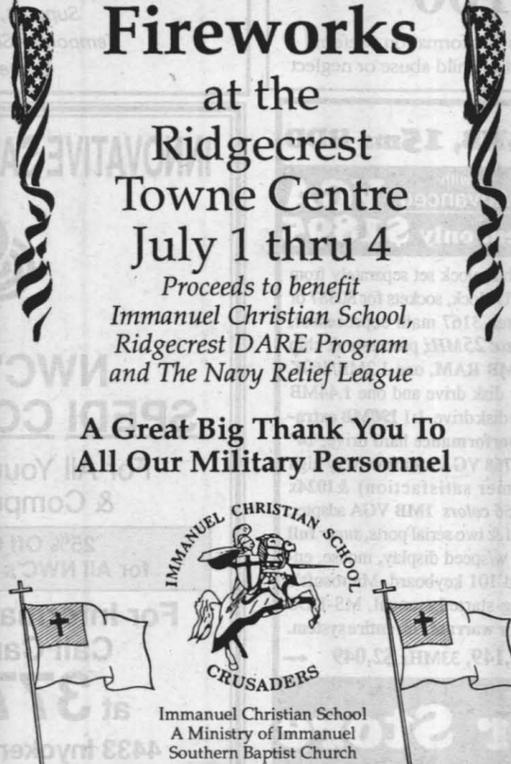
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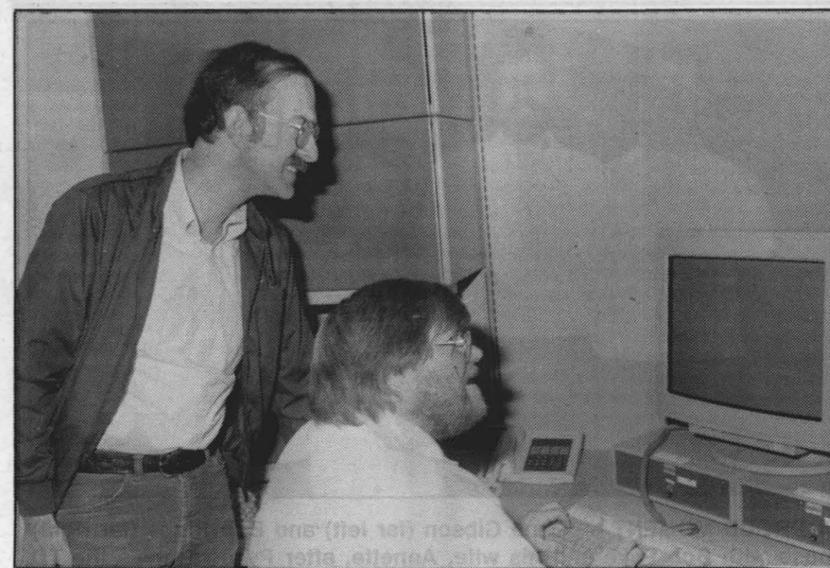
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CLASS STARTS	REGISTRATION CLOSES	COURSE TITLE
JUL 15	JUL 5	AUTOCAD CUSTOMIZATION AND PRODUCTIVITY TECHNIQUES
JUL 29	JUN 25	PROFESSIONAL AUTOCAD 2D
AUG 12	AUG 1	PROFESSIONAL AUTOCAD 3D (3 days) PLUS ADVANCED MODELING EXTENSIONS (A.M.E.) (2 days) \$1225
AUG 26	AUG 15	AUTOCAD CUSTOMIZATION AND PRODUCTIVITY TECHNIQUES
SEP 9	AUG 29	PROFESSIONAL AUTOCAD 2D
OCT 7	SEP 26	PROFESSIONAL AUTOCAD 3D (3 days) PLUS ADVANCED MODELING EXTENSIONS (A.M.E.) (2 days) \$1225

Registration fee for each five-day course is \$925 except as noted.

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NOTES:
1) Training provided at MicroSource Training Center, 1525 NORTH NORMA STREET, RIDGECREST, CALIFORNIA
2) HANDS-ON, one student per workstation using AutoCAD Release 11.
3) Class hours are from 8:00am to 4:00pm daily.
4) Course titles and schedules are subject to change-- Call MISC, (619)446-7487 or Brian Goetz, CAD Institute (602)437-0405.
5) Group rates are available.
6) Multi-course discounts are available.
7) ONE WEEK CANCELLATION NOTICE REQUIRED FOR 50% REFUND. NO-SHOWS FORFEIT REGISTRATION FEE.
8) Call for course descriptions.

GOOD DATA--Dick Tubis (standing) and Todd Werme of the Data Analysis Section look over some of the good data recovered from zones where it looked bad. Skilled personnel and powerful computers are the key to data recovery efforts. Photo by PH3 Cary Brady

Maritime photos can win big bucks!

Entries are being accepted for the 30th annual *Naval and Maritime Photo Contest* sponsored by the U.S. Naval Institute and Eastman Kodak Company. Kodak's co-sponsorship, now in its sixth year, has enabled the Naval Institute to award more and larger prizes, and to publish the photographs on the high-quality paper they deserve in Proceedings, the monthly magazine of the Naval Institute.

The contest is open to both amateur and professional photographers. Cash prizes of \$500, \$350, and \$250 will be awarded to the photographers of the top three entries. In addition, 15 honorable mention winners will each receive \$100.

All photos submitted for the contest must pertain to a naval or maritime subject, and may be either black-and-white prints, color prints, or color transparencies. Entries must include a caption and the photographer's name, social security number, and address printed or typed on a separate sheet of

paper. The minimum acceptable print size is 5" x 7". The minimum acceptable transparency size is 35 mm. Photos are not limited to those taken during this calendar year. However, there is a limit of five entries per person.

Entries must be received on or before December 31, 1991. The winning photos will be published in a 1992 issue of Proceedings. Photographs not awarded prizes may possibly be purchased by the U.S. Naval Institute. Photos will not be returned unless accompanied by a stamped self-addressed envelope.

All entries should be mailed to: **NAVAL AND MARITIME PHOTO CONTEST**, U.S. Naval Institute, Annapolis, Maryland 21402.

The U.S. Naval Institute is a professional society for the naval services, and is an independent, self-supporting, non-profit organization. The Naval Institute is not part of the government.

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Modern techniques compress data for concise printouts

(Continued from Page 1) showing every data point," section member Dick Tubis notes, "we try to use modern techniques to compress the data and present it in a concise fashion," he added. The superior graphics capability of their computers generates visual display of data often much easier to understand than the tabulated data. However, when a code wants the massive data printouts, they provide that as well.

Bozack said the code is among the few at NWC with the capability to literally compress a week's worth of data reduction into a few minutes worth of video representation of those data.

Among the new concepts they have been working on is animation of test results. In a sample program, a knosy flight of an A-6E imitating a missile is represented by a flowing red ribbon following the computer-created terrain contours of the Naval Weapons Center. This technique, using off-the-shelf software was enhanced by Todd Werme of the Data Analysis Section.

A big advantage here is the ability to place the observer at any point. This could be on the nose of the missile, in the cockpit, even looking down in an overhead view. There are other ways to represent space position and altitude data, but with the computer-driven animation, it can be done the way most easily grasped by people.

"We have some of the hottest computers on-Center," said Bozack. "The quantity of data from testing can be tremendous and we deal with it through sheer computer horsepower. We like to think we have the fastest data reduction capability at NWC," he added.

Because of this "horsepower" Tubis says there is no such thing as too much data. With the computer power to handle it, there is no reason to throw out data points just to keep the reduction and analysis tasks to reasonable levels. This also means it doesn't matter what asset is being tested, once space positioning and telemetry data is turned into bits, the computer treats all the tests the same.

Not limited to supporting only Code 64 tests, the section provides support to several NWC departments including the Attack Weapons Department, Ordnance Systems Department and the Aircraft Weapons Integration Department. "We have the computers, the expertise and the software it takes to gather data from any number of sources in a test," added Bozack. In fact, he and Tubis feel it isn't all that difficult to use multiple radars, lasers and cameras in a test, so long as the right planning is done to collect meaningful data from them all.

If a little data is good, then a lot of data should be better. To find out just what kind of a difference the right people doing reduction and analysis can make, call Bozack in Code 64112 at NWC ext. 6669.

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Partusch takes over Public Affairs Office

(Continued from Page 1) public administration and journalism field. Her timing could not have been more perfect. She joined just when career ladders traditionally held by men were being opened to women. Partusch was the first woman in a two-year span to be picked up for Defense Information School. She then went to work for the Chief of Information (CHINFO) in Washington D.C., as a Navy internal relations specialist and photographer. CHINFO -- the Navy acronym well known by its journalists, is considered THE place to learn all about Navy communications. "Working the CHINFO news desk and internal relations really gave me an opportunity to feel what was happening in this country," remarked the public affairs officer.

Well, every Lois Lane must have a Clark Kent! The young journalist found her "Superman" when she met her husband, Chuck, a former Navy journalist for the Chief of Naval Operations. And when their first daughter, Kelly, came along, Partusch found her career would have to be put on the back burner. During their 18 years of Navy life, the family ended up moving 16 times. "In the course of moving, I found myself continually having to start over in my career," commented Partusch. Yet, that little virtue called patience always remained a stepping stone rather than a stumbling block. She took on a variety of career jobs in civil service throughout the years that offered insight into employee relations, personnel staffing and management techniques.

"I really got my career on track when I got to Charleston, South Carolina. . . It kicked off the remaining portion of my career," exclaimed Partusch. At that time, she became editor of a bi-weekly newspaper and got back into Navy public affairs work which led to her heading the Space and Naval Warfare Systems Command's (SPAWAR) Media Relations Department, as well as becoming editor of the Naval Research Laboratory's publication.

After her husband left the Navy, a joint decision was made to leave the big city and move out west. They found themselves living in Colorado, where Partusch worked as public affairs specialist for the Department of Energy. "We thought we'd be happily set in Denver for the rest of our days until I found out that this position at NWC was being recruited," said Partusch. "The fact that I was selected for this particular position was just icing on the cake."

But it took quite some time before she was able to slice into that cake. Just days before the public affairs officer accepted the position, Defense Secretary Dick Cheney imposed a hiring freeze which prevented her from coming onboard NWC. And to make matters worse, her husband, who was still part of the reserve unit in Colorado (due to the freeze imposed by the President), was recalled to active duty. He served as a supply corp officer in England for seven months during Operation Desert Storm.

Cathy Partusch patiently waited 16 months to take on her new duties at NWC. And when the base was allowed to fill 40 percent of its vacancies from outside the Department of Defense she finally got to come onboard.

"The last year and a half have been the most challenging of the 18 years we've been married," remarked Partusch. "We've learned to be patient and flexible -- flexibility is our greatest asset in order to survive."

After spending the past several weeks in meeting after meeting, Partusch is settling into her new position with ease. Her goals are to establish an open line of communication between the Center and the community. "Times are much more different than they used to be. I think we are more accountable to the public than we were 20 years ago. Our function in public affairs is to communicate our credibility and accountability to the public."

The Partusch family plans to call Ridgecrest home. "This is one of those few places you can achieve quality of life, small community living, a closeness and still both be federal employees. That was the drawing card. . . what was so inspiring for us to stick it out to the end!" commented the PAO. She also credits her mother-in-law, Charlotte, with enabling her to pursue her career by taking care of their daughters, Kelly and Kate, over the years. "Grandparents play a very important role in the lives of children. . . I wouldn't be in the position I'm in today without her!" reflected Partusch.



A PROUD MOMENT -- Gene Gibson (far left) and Bob Riggs (far right) pose with Bob Pyke and his wife, Annette, after Pyke receives the TD Award at a recent awards ceremony. TID Photo

Pyke receives award for expertise

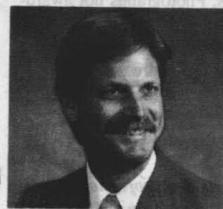
(Continued from Page 1)

of two new software tools which provided a reliable baseline for follow-on evaluation, validation and development of new target simulators. His nomination letter also says Pyke recently developed and prototyped the AIM-9R simulator for the Code 36 rate table. A rigorous low-cost requirement drove the design effort on this project.

In concluding the nomination letter, Riggs said, "Bob Pyke was able to specify the target imaging requirements in terms that are applicable to an

image simulator, develop the prototype simulator within the required time frame and demonstrate its utility, all for a total cost that was a fraction of a contractor's bid."

Pyke has been a China Laker since January of 1980 and is currently a supervisory electronics engineer in Code 3623. In accepting the award, Pyke noted it had really been a team effort and he appreciated the support from his co-workers that made the award possible.



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Qualified applicants needed to fill positions at NWC

(Continued from Page 18)

policies and procedures; Knowledge of and a willingness to implement EEO policies and goals; Knowledge of processes such as casting, forging, heat treating, welding, machining, plating, etc.; Knowledge of corrosion control techniques; Knowledge of failure-analysis techniques; Ability to operate a scanning electron microscope (SEM) and interpret results of SEM analyses; Knowledge of specifications and standards covering materials and processes; Ability to supervise and direct the activities of professional materials engineers and metallurgists. Incumbent may be required to serve a 1 year supervisory probationary period. Full performance - DP-3.

No. 61-012, Electrical Engineering Technician, DT-802-2, Code 61323 - This position is located in the Engineering Support Branch, Engineering Support Division, Aircraft Department. The incumbent is responsible for supporting specific projects and/or programs and assisting senior associates in the modification, installation, and repair of aircraft wiring and cabling which provide the electrical compatibility for airborne RDT&E projects and programs. Applicants must be able to be certified in WS-5636 soldering technology. **Job Relevant Criteria:** ability to develop and interpret schematics and engineering drawings; skill in printed circuit layout; knowledge of NAVAIR 01-1A-505 instruction; ability to communicate orally; ability to communicate in writing.

No. 62-023, Ordnance Equipment Worker, WG-6641-8, Code 6223 - This position is located in the Test Section, Code 62232 of the Ground Operations Branch with the Range Department. The incumbent will assist in preparing high explosives and ordnance items for testing. Incumbent will help assemble, disassemble, modify, adjust, repair, service and operate specialized ordnance equipment used in experimental testing of rockets, missiles, projectiles, and high explosive items. Incumbent will assist in the testing of high explosives and ordnance. Incumbent will work under direct supervision of an Ordnance Supervisor and Range Engineer. Incumbent will be required to perform heavy physical labor, often under adverse weather conditions, including heat, cold, and wind. **Job Relevant Criteria:** Ability to do the work without more than normal supervision; knowledge of equipment assembly, installation, repair, etc.; ability to use and maintain tools and equipment; ability to use measuring instruments; ability to interpret instructions, specifications, etc.; ability to do the theoretical, precise work of the trade. A supplemental is required and may be obtained in Room 100 of the Personnel Building. Promotion potential to WG-10.

No. 62-025, Electronics Techni-

cian, DT-856-1/2/3, Code 6253 - This position is located in the Telemetry Operations Branch, Data Systems Division, Range Department. The Branch supports all scheduled range operations involving telemetry reception processing and distribution of data received from a variety of projects occurring on and off center. The incumbent will have the responsibility for functional operation of many specialized types of equipment unique to the operation of a modern telemetry receiving station. **Job Relevant Criteria:** knowledge of digital and/or analog circuit design; skill in using electronic test equipment; ability to maintain, calibrate, and troubleshoot electronic equipment; ability to communicate in writing; ability to communicate orally. Promotional potential to DT-3, but not guaranteed.

Return missing tapes to Training Center Library

Self-study courses are a great benefit to Naval Weapons Center employees. However, they do cost money, which with the shrinking budget, is in great demand. Preserving the library of self-study courses is a prime importance for the Training Center Library. Courses which are checked out need to be returned in a timely manner so other employees can make

use of them. Currently, the Training Center Library is missing two VHS videos entitled *Automatic Target Recognition Systems*. These two tapes also have two big three-ring green binders that went with them.

In addition, the Training Center Library is missing the following courses:

- Microwave Transmission Lines And Their Physical Realization (Part 3, 4, 5 and 6);
- AC Electronics; and
- Macademy Microsoft Word 4.0.

If you have any of these courses, please return them to Code 224 as soon as possible.

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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. 00-011, Supervisory Environmental Resources Program Manager, DP-340-3, Code 008 - Position is located on the Commander's staff, Environmental Projects Office. Incumbent serves as supervisor of a professional and technical staff that provides oversight of all NAVWPNCEN environmental land use compatibility related projects. The primary focus is devoted to leading and directing the technical team tasked with the management of the following programs: endangered species, natural resources, cultural resources, grazing, NEPA documentation, air visibility, regional planning, water conservation, and groundwater management. The incumbent will be involved in monitoring the efforts of contractors and other government activities. This includes, but is not limited to, providing technical assistance to contractors, communication regarding inter-

pretation of government regulations, and a close working relationship with regional administrators and agency coordinators. The incumbent should be familiar with the Endangered Species Act, National Historic Preservation Act, Archaeological Resources Protection Act, Federal Clean Air Act, California Clean Air Act, Wild Horse and Burro Act, Taylor Grazing Act, NEPA, local land use ordinances, CEQA, and OPNAVINST 5090.1A requirements. **Job Relevant Criteria:** Knowledge of environmental practices; knowledge of NWC personnel, policies and procedures; knowledge of affirmative action including a willingness to implement EEO policies and goals; ability to plan, organize, coordinate and manage technical projects; ability to communicate both orally and in writing. Incumbent may have to serve a one-year supervisory probation period. Full performance level is

DP-3. Previous applicants need not reapply.

No. 00-012, Supervisory Interdisciplinary (General/Civil/Environmental/Chemical/Industrial Engineer), DP-801/810/819/893/896-3, Code 008 - This position is located on the Commander's staff, Environmental Project Office. Incumbent serves as supervisor of a professional and technical staff that provides engineering oversight of all NAVWPNCEN environmental related projects. The primary focus of this position is devoted to leading and directing the technical team tasked with management of the following programs: Underground storage tanks, PCB's, site approvals, waste ponds and air quality. The incumbent will be involved in coordinating the permitting efforts with various Federal, State and County agencies to ensure compliance with State and Federal environmental regulations and avoid-

ance of issuance of Notice of Violations (NOV's). The incumbent will be involved in monitoring the efforts of contractors and other government activities. This includes providing technical assistance to contractors, coordination of board orders, and communication regarding interpretation of government regulations. The incumbent should be familiar with RCRA, SARA, TSCA, DERA, 40 CFR 761 and OPNAVINST 5090.1A requirements. **Job Relevant Criteria:** Knowledge of environmental engineering practices; knowledge of NWC personnel, policies, and procedures; knowledge of affirmative action including a willingness to implement EEO policies and goals; ability to plan, organize, coordinate and manage technical projects; ability to communicate both orally and in writing. Incumbent may have to serve a one-year supervisory probation period. Position is at full performance level. Previous applicants need not reapply.

No. 21-022, Laborer, WG-3502-3 \$8.75 per hour, Mail, File and Records Branch, Code 2152 - This position performs laboring duties in the movement of mail in boxes and mail bags weighing from 40 to 120 lbs each. Picks up and delivers incoming and outgoing mail and Center Guard Mail. Required to operate a Government motor vehicle as well as to walk, push mail carts, climb stairs and work outside in all kinds of weather conditions. Passing physical examination is required. Must have a valid California state driver's license, be able to qualify for a government motor vehicle operator's permit and be able to obtain a SECRET clearance. **Qualification requirements/ranking factors:** Reliability and dependability; ability to follow written and oral directions; ability to handle weights and loads; dexterity and safety; ability to do the work of the position without more than normal supervision.

No. 21-023, Mail and File Clerk (Typing), DG-305-1/2, position is located in the Mail, File and records branch, Code 2152 - Incumbent is responsible for receiving and processing of incoming and outgoing mail in accordance with standards and security regulations. Answers telephone inquiries and assists with customer requests. Qualified typist required. Must be able to obtain a SECRET clearance. **Job Relevant Criteria:** Knowledge of NWC organization structure; ability to follow written and oral instructions; ability to work effectively with co-workers and customers. Promotion potential to DG-2.

No. 28-047, Accounting Technician, DG-525-1/2, Code 2862 - (Multiple Vacancies) This position is located in the Procurement Accounting Branch of the Accounting Division of the Office of the Comptroller.

Incumbents duties will include processing various types of accounting records, recording and tracking commitments, obligations and accruals in the financial system, reviewing incoming contracts and amendments for accuracy and completeness; and researching and validating accounting transactions and auditing computer reports for accuracy. Incumbent has extensive contact with NWC budget and supply personnel and provides information on various vendor inquiries. **Job Relevant Criteria:** Knowledge of accounting policies and procedures; ability to research, comprehend and apply complex regulatory information; ability to effectively communicate orally; ability to communicate effectively in writing. Promotion potential to the DG-3 level. Previous applicants need not reapply.

No. 28-052, Administrative Officer, DP-341-3, Code 2802 - This position is the Head of Staff, Office of the Comptroller. The incumbent is responsible for the department's resource planning, including FES, budget and manpower. The incumbent supervises a training office and directs the department's administrative operations through the division AOs. The incumbent serves as the department's approving official for Bankcard buying, and is also responsible for facility management. The Head of Staff provides advice and resource assistance in solving personnel issues, and is the department's POC for Affirmative Action and EEO. **Job Relevant Criteria:** Knowledge and application of affirmative action principles including a willingness to implement EEO practices; knowledge of training techniques; ability to interface with personnel at all levels on and off Center; ability to communicate effectively orally and in writing; ability to administer resources, including budget, facilities, equipment, space and manpower. Incumbent may have to serve a one year supervisory probation period. Full performance level of this position is DP-3.

No. 36-011, Supervisory Metallurgist, DP-1321-3, Code 36471 - This position is Head, Metallic Materials Section, Materials Engineering Branch, Engineering and Production Processes Division, Engineering Department. The incumbent will be a working metallurgist, but also will supervise the activities of several engineers and technicians working on materials, and materials-related processes. Section activities encompass a broad range of tasks which includes applied research, development testing, analysis, production support, fleet support and documentation. The incumbent will spend a significant amount of time providing materials technical support to Center projects. **Job Relevant Criteria:** Knowledge of NWC personnel

(Continued on Page 19)

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Computer Notes...

Maximize Your Local AppleTalk Network... (Part 1 - Network Backup)

Network stuff is frightening to many computer users. The "invisibleness" and intangibility of the network is often intimidating. But networking is the most important horizon of computing on center. It's the network features of Apple's new System 7 that so many users and network managers are up in arms over. But networking exists because it is so incredibly practical and useful.

Networks give us E-Mail and V-Mail (Voice Mail). Networks give us access to file-servers where we can store things too big for our little hard disks and where we can store data everybody needs to access. And of course, everyone can share laser printers using the network. But, there is *so much more* that China Lake's AppleTalk Network can do for everyone!

China Lake has one of the largest networks in the military and the largest contiguous AppleTalk network in the country (and I dare say, the world). And while it is used in the above mentioned ways it is certainly not being used to its potential. In fact, it is probably being used to *maybe 10%* of its potential. In what ways can China Lake truly optimize its usage of the network *keeping budget constraints in mind?*

I can hear the objections already... *What do you mean 10% of its capacity? We have network bottlenecks everywhere, too much traffic over the ever-crashing FastPaths, printers randomly disappearing and people even running applications over the network... are you crazy!* No, I don't think so. While I acknowledge the problems with the network, I stand by my statement.

One of the most practical new ways to use your AppleTalk network is called *Network Backup*. What's that? Network Backup is simply using the network - *after hours* - to back up every Macintosh user's hard disk to a remote mass storage tape-back up device. I know of four groups now utilizing their network in this very practical manner.

How does the Network Backup work? Its really quite simple. Someone is assigned the job of "Network Administrator" and is put in charge of the NBU (Network

Backup Unit). He takes his Mac II which is connected to the AppleTalk Network and hooks up a Tape Backup device to his SCSI port. I recommend a DAT (Digital Audio Tape) device because they utilize helical scan technology. On one miniature DAT cartridge (smaller than a music tape you buy for your home or car stereo) you can save up to 3.3 gigabytes (*that's 3,300 megabytes!*).

One tape will easily back up 75 users with 40Mb hard disk drives. And it will do it overnight too, if you use the right kind of software (I recommend Dantz Development's *RetroSpect*). As each Macintosh II is backed up it is automatically shut off. Lastly the administrator's Mac is shut off. No kidding... its like a little leprechaun runs around at night turning off computers when everybody is gone. If someone is working late, unaware of the network backup procedure, he might get a good scare. Macs that require manual shut off (Plus, SE, SE/30 & LC) will retire to *screen save mode* until morning restart.

A good strategy is to use a different tape every night of the week. This will provide a backup of every day's activities for a week at a time. If a user loses a file on Tuesday and doesn't notice its gone until Friday, *no problem*. He calls the "Network Administrator" and says, "Say Mike, could you get Tuesday's backup and send me my Excel file-called 'Expenses' please?" Mike says, "Sure Larry. Give me about 5 minutes and it will be on your Mac's desktop in a file called "Retrieved Files."

Mike then loads the DAT cassette tape into the tape deck, opens the directory and easily locates the file (I've done it many times myself and its a piece of cake). Using *RetroSpect* software, he highlights the file named *Expenses* in Dave's Excel folder and selects *Retrieve*. Presto! Dave looks on his Mac's desktop screen and there's the folder named *Retrieved Files*, just like Mike said. He double clicks to open the folder and finds the file named *Expenses*. When he double clicks on the file it launches Excel with his *Expenses* spreadsheet, like usual, and Dave's right back in business.

If the unthinkable happened, let's say, for example,

Dave's hard disk crashed and burned, Dave wouldn't be out of business for long. Within a few hours he could have a new hard disk installed in his Mac (I know of one company in town that provides just such a service, and its initials are FEDCOM). Then, once again, Dave calls Mike the "Network Administrator." "Mike, can you restore my entire hard disk please? I just got a new one installed and named it 'Dave's HD.'" "No problem, Dave. Give me a few minutes and you'll be in business."

Sure enough, Dave will have everything restored just the way it was, and maybe with a bigger and faster hard disk to boot. The advantages of a Network Backup System are obvious. No more backing up to floppies or taking the time every week to use a single user's dedicated tape back-up. Dedicated 60Mb to 120Mb tape back-up devices cost anywhere from \$350 to \$1,200 per Macintosh. And how much is the user's *time* worth every week while he/she takes half an hour or more to back up their Mac's hard disk?

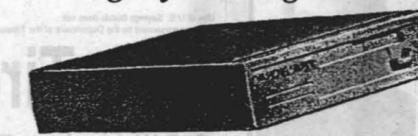
The price of the a Network Backup DAT System, including *RetroSpect* software for 20 users is under \$2,500. Imagine that! Each tape costs about \$25, and users can be added in lots of ten for about \$15 per user. Cost effective? You bet. Easy to use? Its so easy that *no one but the Administrator needs any training whatsoever*. Easy to install? Two inits copied from a single floppy diskette into each user's *System Folder* will do the trick. The Network Administrator can do the rest. In one hour twenty users can be set up for overnight backup.

Next week we'll discuss other ways to maximize China Lake's multi-million dollar AppleTalk network (on-line training and computer conferences... great stuff!). And feel free to call if you have questions or comments. Until next week, happy networking!

Article Written by Don Braem, Jr.,
Federal Accounts Manager for ComputerLand
InfoSystems and Apple Certified Technician at
Fedcom Industries. Questions and comments are
welcome. Don's direct phone line is 446-4269,
or call Fedcom Industries, 446-5665.

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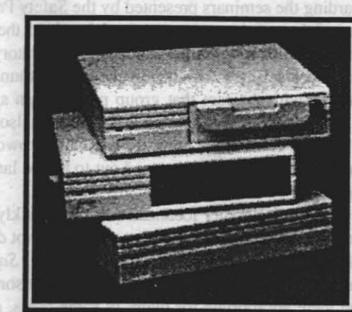
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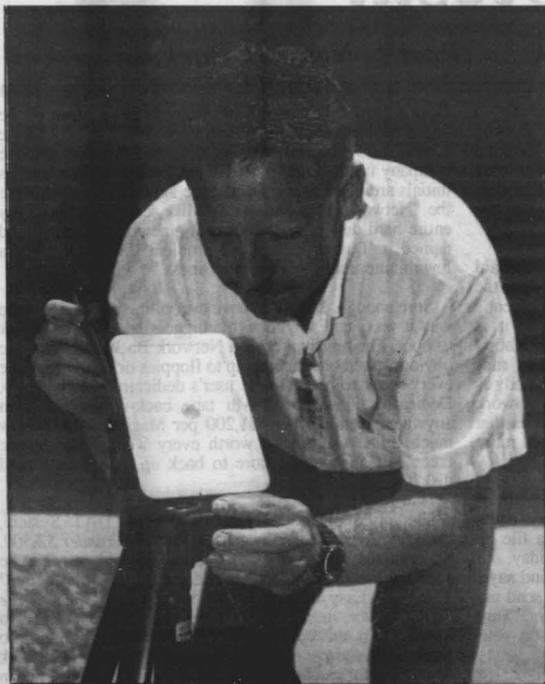


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Device allows NWC personnel to watch eclipse

"Home remedies" for direct viewing can be very dangerous; indirect viewing encouraged



During the last total solar eclipse, about 125 eye injuries were reported by people who looked directly at the sun. According to personnel in the NWC Safety Program Office, at least 40 percent of these victims were using what they considered a "safe" direct viewing method.

Gary Beckstrom, an occupational health specialist in the Safety and Security Department, has created a device which will allow personnel on-Center to view the solar eclipse which will take place on July 11. "I just cut a circle in a piece of paper and taped it over a mirror," said Beckstrom. "I then set the mirror on a tripod and reflect the sun off of it onto a screen, or something white like a screen -- a wall, or something. This is an "indirect" viewing method and 100% safe," he explained.

The hole is about the size of a dime, but it can vary, Beckstrom noted. The tripod is about 30 to 60 feet away from the screen.

Another safe "indirect" way to view this phenomenon includes putting a pin hole in a piece of cardboard and focus it on another piece of cardboard.

Most "home remedies" for direct viewing of the eclipse are very dangerous, Beckstrom noted, while strongly urging people to take advantage of the safety of "indirect" viewing.

This is the first total solar eclipse over the United States in more than 20 years. While at the Naval Weapons Center, only 60 to 75 percent of the sun will be temporarily blocked out by the moon as it passes between the earth and the sun, Beckstrom plans on seeing the total eclipse. "I'm going to Hawaii where the eclipse will be total," he said. "I've been planning this for several years. I want to see Bailey's beads and the diamond ring effect."

Beckstrom noted that Bailey's beads happen five to six seconds before a total eclipse. "The valleys of the moon do something to the sunlight and make what looks like beads," he explained. "And the diamond effect occurs just before the moon completely covers the sun. I'm told a total eclipse is like a full-moon night and I'm very anxious to witness the event."

Beckstrom asks people to call

the Safety Office at NWC ext. 2315 before coming over to use his "safety" device on July 11. "This way, we can make sure there aren't too many people, so everyone will be able to see it," he said.

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Lake Sabrina's fishing is "hot"

People who enjoyed the fishing in Big Pine Creek last week, can enjoy the same type of fast-river fishing this week notes the Bishop Chamber of Commerce.

The Owens River around Big Pine has slowed way down, with nightcrawlers or a Panther Martin working best.

In the Bishop area, shore fishing at Lake Sabrina on the east side of the dam is HOT! Use powerbait or nightcrawlers. Trout are averaging in the 10-12 inch range. North Lake is slow, but limits are being caught on powerbait or Zeke's super bait at Intake Two.

Sporadic fishing is being reported for Rock Creek Lake. Fish early in the morning and use nightcrawlers or worms if shore fishing, or a gold rapalla if trolling. Upper lakes are now open as far back as Long Lake or Ruby Lake.

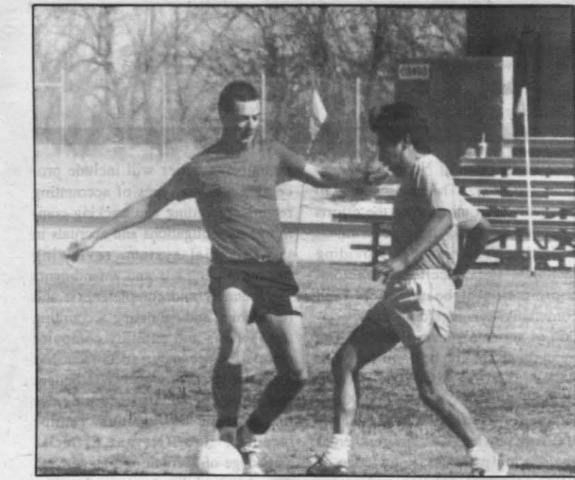
Shore fishing at Crowley Lake has slowed down due to the weed build up around the shoreline. Trolling is best around Alligator Point or Chris's Bay using a fire pearl needlefish. Owens River is

still running extremely fast and is not suggested for novice fishermen.

While Twin Lakes and Lake Mary are still being stocked, there has not been any great news as far as exceptional fishing prospects. Though Lake George is free of ice, the fish have not begun to feed heavily. The San Joaquin is open, but due to the fast runoff, it is not worth fishing just yet.

The June Lake area is about the same as last week, with early morning fishing the best. Lures are better than bait at June Lake, whether shore fishing or trolling. The best trolling depth is about 15 to 50 feet down. At Gull Lake, use yellow powerbait for still fishing and a hornburg on the surface for trolling. Lures are best for trolling on Silver Lake; but for still fishing, use red eggs or marshmallows. Rush Creek is living up to its name; however, a lot of planters are in the creek.

There hasn't been any news from the Lake Isabella area recently. For an up-to-date fishing report from that area, call French Gulch Marina at 379-8774.



GIVING A HELPING "FOOT" - Twelve teams took part in the recently held Charity Soccer Tournament. Money raised from the tournament will be shared by the Kern County Sheriff's Department's drug programs and NWC youth sports. The College "B" team took the cup, which was supplied by the Royal Air Force. According to Myriam Wright, NWC Youth Sports Program coordinator, "a good time was had by all - participants as well as spectators."

Hall Memorial Lanes plans for competition

Hall Memorial Lanes is hosting a No-Tap Scratch Tournament on July 13 and 14. Choice of squad times, for both days, are 1, 3 and 6 p.m. The entry fee is only \$15 per person, which includes the prize fund. Prize pay off is 1 in 5.

Don't miss out on the fun. Register today at Hall Memorial Lanes. For further information, call NWC ext. 3471.

Biathlon scheduled

On your mark, get set . . . GO!! North Bakersfield Recreation & Park District is sponsoring a BIATHOLON July 9th at Round Mountain Road in Bakersfield. for more information call (805)392-2000.

Ashton, Beckstrom win tourney

Following are the results of the China Lake Tennis Club Spring Tournament held at the Naval Weapons Center's Tennis Courts earlier this month.

In the Men's A Singles Division, John Ashton took first place, while Danny Miller captured second. Peter Huber was given the consolation prize.

Gary Beckstrom triumphed over Keith Kohout in the Men's B Singles Division, while Morris Scharff beat Wally Beckett in the Men's C Singles Division. Consolation prizes went to Frank Mazer and John Burmeister.

In a round robin style of competition, Janice Davidson took first place in the Women's C Singles

Division, while Shane Lyda brought home the second place trophy.

Ashton and Howard defeated Miller and Stokely in the Men's A Doubles Division, while Diede and Sorenson bested Bechione and Alvarado in the Men's B/C Doubles Division.

In the Women's Doubles action, the team of Murphy and Aley was victorious over Sorenson and Wirtz.

The team of Kohout and Rowell emerged on top in Mixed Doubles action when they defeated Sorenson and Sorenson.

Tennis action continues throughout the summer.

Tennis tournament set for June 28, 29

On June 28 and 29, the China Lake Tennis Club will sponsor a doubles tournament at the NWC tennis courts.

Fees for the tournament are \$7 for the first event and \$5 for the second event for CLTC members and \$9 for the first event and \$7 for the second event for non-members.

Entry forms are available at the NWC tennis courts. Deadline for entries is June 23.

Following the matches on Saturday, June 29, a social will be held.

For more information, call Cheryl Weiss at 446-2331.



REFLECTING THE SUN - Gary Beckstrom checks out the alignment of the mirror he will use to reflect the eclipse onto a screen so interested individuals can watch the phenomenon without damaging their eyes. TID Photo

Safety Standdown '91 concerns addressed

Safety Standdown 1991 recently came to a close. In general, the event was a resounding success. Some of the most informative and entertaining safety presentations were offered during the event. Although in general, things went well, as always, there are some "lessons learned." Since so many of you have commented in one way or another about these "lessons," we felt it would be appropriate to address some of these issues at one time.

Regarding the seminars presented by the Safety Program Office, the majority of the comments we received involved the unavailability of sufficient audience room in the Michelson Laboratory locations. These locations were selected for convenience of personnel working in the lab, coupled with the fact that group presentation space on-Center is limited. We chose to run programs in the Michelson Lab conference rooms that we felt would draw the smallest crowds. Unfortunately, even the "smallest" audiences turned out to be too large for the accommodations.

One reason the smaller locations filled so quickly was that personnel were attending presentations that were truly not designed for them. For example, secretaries were attending the Laser Safety presentation. Seminar descriptions were published to help personnel choose seminars that were appropriate for them. In some cases, either the descriptions were not read, or not considered valuable, as personnel selected presentations to attend. Many simply chose to attend any seminar that happened to fit into his/her schedule or was presented in the closest location to his/her office, regardless of the topic. As a result, some personnel who really would have benefited from the topic were turned away at the door because sessions were full.

(Continued on Page 12)

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Sports

Center's military softball team qualifies for Southpac tourney

After struggling through three games, the Naval Weapons Center's Varsity Softball Team finally got it together and gave Edwards Air Force Base one of its toughest battles in last weekend's Desert to the Sea competition at China Lake. Unfortunately, noted Chief Leon Hillewaert, captain of the China Lake team, the game was called with China Lake in a narrow four point lead at the end of four innings because of darkness.

"We couldn't find anyone to turn the lights on and that suspended our best game of the day," the team captain said. "The lead kept changing, but at the end of four, we were ahead, 14-10."

The China Lake team started the day-long competition with a win against Point Mugu. AO3 John Leaphart went 2 for 2, with a home run and a base hit, while AOAN Roosevelt Rankins went 2 for 3, tallying two base hits and reaching on an error. AT2 Eric Blyly hit a single his only time at bat and AC2 Dennis Love smacked two singles. AE3 Chris Stahl racked up a triple and a single, while AC3 Jason Langston hit a triple his second time at bat. The final score was 10-9, marking China Lake's only win of the day.

The NWC team won it's second game through a forfeit, resulting from a "no show" by the Long Beach team.

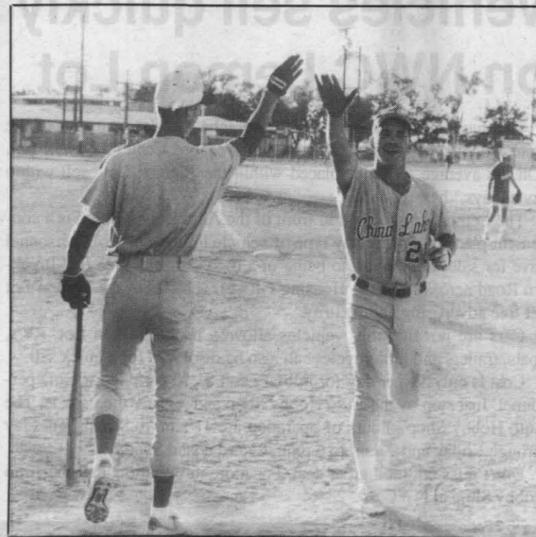
Port Hueneme taught the China Lake team the importance of team work as the local team went down in defeat, 21-14. Impressive stats of 3 for 3 by AMH3 Ryan Henricks, or 3 for 4 by Rankins and PR2 Ronald D. Clark weren't enough. Other team members who had hot bats were Stahl, ATAN Brian Admire and HMC Robert Nierenhausen, who each went 2 for 3.

Depressed by their loss, the China Lake team couldn't get it together and lost to Los Angeles Air Station, 10-13. Once again, hot hitters were Rankins and Love, who went 3 for 4, and Henricks and Leaphart, who went 2 for 3.

"We lost those last two games in the dugout," Hillewaert said. "The players were down on themselves and putting needless pressure on themselves."

When asked what he meant about "needless pressure," Hillewaert explained, "We are suppose to be out there having fun. If we aren't having fun, what's the use?"

Despite the 1-3 standings this past weekend, the local military team did manage to win enough games throughout the season to earn a spot in Southpac competition. The China Lake team will travel to NAS North Island, San Diego, to play against the top Southern Pacific Navy teams on July 20 and 21.



MOMENT OF GLORY -- A teammate gives AT2 Eric Blyly a "high five" as Blyly heads for home after hitting a homerun in the game against Edwards Air Force Base. The game was suspended at the end of four due to darkness with NWC leading, 14-10. Photo by Peggy Shoaf

Safety Sense: Enjoy your vacation by playing it safe

Summer is here and you are probably planning a vacation that you have earned and should enjoy. Even though you'll be taking some time off from work, remember not to take time off from safety. Playing it safe while you're on vacation can help you and your family avoid accidents and injury while getting the rest and recreation you deserve. Playing it safe means preparing for your activities ahead of time, securing your home if you'll be away and always using common safety sense.

Prepare for activity
Think ahead to where you'll be going and what you'll be doing. For example, if you're planning a vacation in a warm climate, be sure to pack sunscreen, loose-fitting, light weight clothing, sun hats, sunglasses and a cooler or jug for carrying cool liquids. Build up your sun exposure gradually -- 15 minutes the first day, 20 minutes the second day, and so on, to avoid severe sunburn that can ruin your recreation plans. If you will be boating, swimming, water skiing, or enjoying other water sports, make sure that all family members can swim before allowing them to participate in those activities and always wear proper flotation devices as appropriate. Take lessons in each activity from a qualified professional who can teach you the rules of the sports as well as specific safety tips.

Secure your home
Before leaving on vacation, make sure your home is secured. This checklist can help you prepare for your departure.

- Are all electrical appliances (except your refrigerator) unplugged?
- Are gas pilots and water faucets turned off?
- Have you arranged for someone to pick up your mail or have it held at the post office?
- Did you cancel your newspaper subscription?
- Have you notified friends, relatives and/or neighbors where you will be and how you can be reached?
- Have you set times to turn lights on and off, or asked someone to do it for you?
- Have you notified your local police station when you will be leaving and when you will be back?

Safety sense
In addition to these tips, your most important tool for having a safe vacation is your own common safety sense. When staying in unfamiliar surroundings, always check for fire exits, alarms and escape routes. Wherever you go, be sure to bring along your family's medical information -- insurance ID card, immunization records, history of diseases and prescription medications -- in the event one of you should become ill. Never leave small children unattended. Bring along a First Aid kit and manual and familiarize yourself with their contents.

When you use your safety sense, you will be able to relax and enjoy your vacation. You will come back refreshed and ready for the work days ahead.

System 7.0 is not a trivial upgrade

Apple Computers has just released System 7.0, the latest operating system for the Macintosh. This product provides many new features and file sharing capabilities. However, because it is such a major improvement over the previous operating system (Version 6), it is not a trivial upgrade.

A multi-code committee is actively testing the product at this time. The preliminary findings are that System 7 is not going to be as quick and easy to learn and understand as its predecessor; there are many third-party software applications which do not run on it (a current list is being generated); if only part of an office decides to upgrade, System 7.0 printer drivers will have to be loaded on the non-upgraded machines in order for the entire office to use the same printers; and some network file sharing features default to "guest" access with all privileges

(read, write, make changes), making it necessary for users to change the defaults on the sharing privileges if they don't intend to share items with everyone on the network.

The final software has only been widely available for a week or two. Much more testing needs to be done before our local experts understand all the important implications of the software features.

The department points of contact on the Communications and Networking User Group recommend that prior to the Center upgrading to System 7.0 in sizable numbers, to have Apple certified training for a significant number of Naval Weapons Center departmental personnel on its features, interactions. Other basic support infrastructure also needs to be put in place. Specifically, every department needs at (Continued on Page 13)



DONATING TIME AND MONEY -- Members of the Royal Air Force's #32 Joint Trials Unit, temporarily stationed at China Lake, not only raised more than \$1,000 to help offset medical costs for the Zahn family, but took the time to show Andy Zahn what NWC is all about. Andy is an 8 year old boy who has aplastic anemia, a life-threatening disease which occurs when the bone marrow's production of blood cells decreases, causing a reduction in the total number of cells in the blood stream. In the picture above, Flight Lt. Eddie Middleton explains to Andy how the tip of the Tornado aircraft records how fast the plane is moving.

Voting slogan needed

WASHINGTON (NNS) -- Military members and other U.S. citizens are invited to enter the new slogan contest for the Federal Voting Assistance Program.

The winning slogan will appear on posters, voter manuals, publications and other media materials encouraging voting in 1992. There is no limit on entries. Each slogan should be submitted on letter-size paper and must include name, address, daytime phone number and service (if military).

Send slogans to: Director, Federal Voting Assistance Program, Room 18457, The Pentagon, Washington, DC 20301-1155. The entry deadline is July 1.

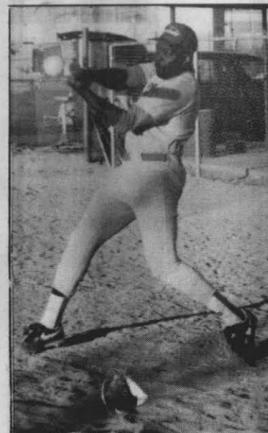
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POWER HIT -- AOAN Roosevelt Rankins starts off right with a base hit during the Desert to the Sea competition against Edwards Air Force Base. "We were really playing ball," said ACC Leon Hillewaert, the NWC team captain. There has been a rivalry between the two teams for a number of years.

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Outstanding Vampire personnel recognized



FOUR YEARS OF PERFECT SERVICE – VX-5 Commanding Officer, Capt. Raymond A. Kellett, presents AO2 Michael D. Todd with the Navy Good Conduct Medal for impeccable service during the past four years. Todd is considered one of the squadron's top ordnanceman.

Photo by PH3 Bushey

GOOD NEWS FOLLOWS RIST -- VX-5 CO, Capt. Raymond A. Kellett, presents the Navy Achievement Medal to Lt. Joseph P. Rist, who earned this esteemed recognition from his previous command, Attack Squadron 115. Rist was commended for his outstanding leadership and superior management skills, while serving as schedules/aircraft division officer, which contributed to the combat readiness of his squadron and Carrier Air Wing Five. The young lieutenant is currently the operations training officer. Photo by PH3 Rob Foster



VAMPIRE RECEIVES GOLD STAR IN LIEU OF SECOND AWARD – VX-5 CO, Capt. Raymond A. Kellett, honors Lt. Bruce W. Schneider for professional achievement as corrosion control officer, quality assurance officer, plans and tactics officer and assistant maintenance officer while attached to his previous command, Tactical Electronic Warfare Squadron 136.

Photo by PH3 Rob Foster



I PROMISE TO REENLIST ONLY IF I CAN DO IT IN A TACTICAL JET AIRCRAFT. AND THE F/A-18 HORNET WILL DO JUST FINE!! – VX-5's Aviation Machinist Mate Third Class Petty Officer, Cam L. Graff raises her right hand to reenlisting officer Lt. Mary Ann (Cruz Missile) Cruz, former personnel and public affairs officer at VX-5, during an unusual reenlistment ceremony. AD3 Graff added another three years to her active duty service obligation.

Photo by PH3 Bushey



Vehicles sell quickly on NWC Lemon Lot

"We have a fast turnover rate," said John Pirooska, manager of the Auto Hobby Shop, home of the Naval Weapons Center's *Lemon Lot*. "On the average, vehicles placed within the 'Lemon Lot' sell within seven days," he explained.

The Lemon Lot, located in front of the Auto Hobby Shop, is a convenient place to display any type of vehicle military or DoD personnel have for sale. In addition to being in a high visibility area (off Inyokern Road across from the Housing Office), vehicles in the Lemon Lot get free advertising and security.

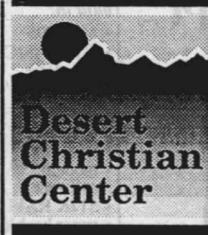
Cars are not the only vehicles allowed in the Lemon Lot. RV's, boats, trailers and motorcycles can also be displayed for a quick sell.

Cost is only \$1 per day for military and \$1.50 per day for DoD personnel. Just stop by the Auto Hobby Shop and register the vehicle. The Auto Hobby Shop's hours of operation are 11 a.m. to 8 p.m., Tuesday through Friday and 9 a.m. to 6 p.m., Saturday and Sunday.

Don't miss out on a great deal. For more information, call the Auto Hobby Shop at NWC ext. 2346.



ACTING IT OUT -- Cassie Shoaf and Heather Smith act out Tiffany's song, *Missing You*, during a lip-sync contest for the Movin' on Up Program at the Youth Center.



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CHECKING IT OUT -- Randy Jones checks out the phone number on a van displayed on the NWC Lemon Lot. According to personnel in the Auto Hobby Shop, the turnover rate for vehicles displayed on the lot averages seven days. In addition, the Lemon Lot is patrolled by the China Lake Police on a regular basis. For a quick sell, don't forget the Lemon Lot!

Photo by PH3 Cary Brady

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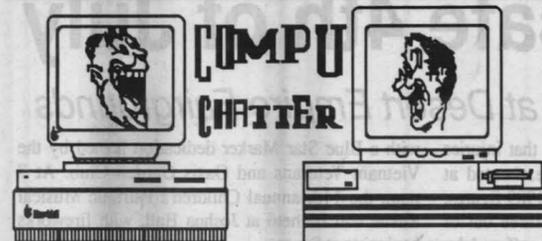
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Notes on System 7.0

***** Due to the non-trivial nature of this upgrade and network security concerns, it is recommended that users wait to update their system to 7.0 until they have had an Apple accredited class. Code 27 is working to bring training on Center ASAP *****

Balloon Help—The new Finder and System 7.0-friendly applications provide interactive on-line help for menu commands, dialog-box options, tool palettes, and other elements. Just choose Show Balloons from the pull-down menu and move the cursor over an icon or menu item, the pop-up balloon gives you the relevant details.

Alias Icons—With the Make Alias command, you can create duplicate icons for a file, folder, or volume. The aliases serve as launchable links to the original file and can be placed anywhere on the desktop, or added to the Apple menu. Aliases consume only about 1k of disk space. Make aliases out of your frequently used Appleshare volumes to have them available on the desktop without being connected all the time.

Multitasking—Multifinder is always active now, it can't be turned off.

Desk Accessories—DAs are double-clickable applications that can be located anywhere. If you still want them on the Apple menu, put them into the Apple Items folder, no more Font/DA mover.

Virtual Memory—Enables those Macs with a 68030 or PMMU chip to use vacant disk space on hard disks as RAM. Turn it on in the Memory Cdev in the Control Panels folder. Apple suggests using twice the machine's installed RAM.

Pathworks & System 7.0

Digital Equipments Pathworks Mac-to-VAX connectivity software is not yet fully compatible with System 7.0. TCP doesn't work and DECnet won't work with virtual memory. A maintenance release due this summer will fix these problems. Pathworks will not support IAC until a later release, these features include Publish and Subscribe triggers, for sending and receiving data among systems, and the Events trigger.

Donna Hanson

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Procedures mean less work

New procedures in the Public Works Department mean less work and hassles for people at the Naval Weapons Center who need minor repair work done around their work area, noted Dave Hawkins, head of the PW Construction/Project Support Division. "People don't have to worry if the job is covered under a chit or minor work request any longer," he said. "They just have to give us a call at NWC ext. 2268 and we'll decide if it is a chit or a work request."

Hawkins explained that under the old procedures, requestors had to guess if the work could be done under 16 hours, and if so, called the trouble desk requesting a chit. If they felt the job would take more than 16 hours to complete, they had to submit a work request. "Most requestors had no idea how long a job would take," Hawkins said. "This caused a lot of confusion and wasted time."

Under the new system, chits will normally cover jobs which can be done in nine hours or less. "However," said Hawkins, "if the materials are easily available, and depending on the type of work, jobs that take as much as 30 hours can be handled on a chit. The decision of whether the job will be covered under a chit or a work request, will be made by Public Works during the screening process."

If Public Works' managers decide the job is a minor work request, they will fill out the paperwork and submit it to the construction shops whose primary function is handling minor work requests. If that shop gets a backlog, work requests can be divided among the other two construction shops, noted Hawkins. "That way, we will be able to keep on top of all the jobs and decrease backlogs," he stated.

"This will allow Public Works to get more jobs done in a timely manner," Hawkins explained. "It will benefit the customers and eliminate some of their paperwork."

Hawkins stressed this new procedure only handles minor repair work. "If you want to add on another room or build another building, a work request form still needs to be filled out and sent through the proper channels," he said.

The new procedures have been underway for about four weeks and is working well, noted Hawkins. "We have reduced our backlog by 50 percent under the new system and customers seem pleased, he said.

"The new system is more customer oriented and gives them better service, with less paperwork on their part," Hawkins concluded.



WORK APPRECIATED -- Civilians in Code 214 are an integral part of the team. During "Employee Appreciation Day," they were awarded certificates of appreciation. Employees recognized by Lt.j.g. Abel (far right) are (l to r) Susana Thompson, Christina Lantz, Virgie Garagan, Kimi Legg, Bernice Hicks, Carmen Kopulos, Kay Chester and Doris Rosso. Rosso has been working in the division for 16 years, while Lantz has been there for 14 years. TID Photo

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Naval Weapons Center sailors share proud moments



NEW BARS FOR ODENTHALL -- (left) Family gathered together recently to see Ensign Paul Odenthall be promoted to lieutenant junior grade. Lt.j.g. Odenthall is the assistant resident officer in charge of construction in the Public Works Department. With the aid of Odenthall's wife, Janet, Cdr. James Williams, the Public Works Officer, pinned on the lieutenant's new bars. Watching the ceremony were Odenthall's parents, Dean and Marilyn. Odenthall's son, Andrew, wasn't very impressed with the ceremony and slept through the celebration.



NWC ORDNANCEMAN CONTINUES CAREER PATH IN THE NAVY -- A02 Leroy Latasa, Code 61213, his wife, Karma, and son, Daniel, join reenlisting officer Lt. Bill Bowdish, Code 61212, to sign on for another three years.



ANOTHER FOUR -- AMH3 Paul Reddin smiles as he signs on for another four years. Reddin will leave his position in the Aircraft Support Division's tire shop when he transfers in December. The reenlisting officer was Ensign John Wood, maintenance material control officer.

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Several lessons were learned during Safety Standdown '91

(Continued from Page 8)

Also, attendance at inappropriate presentations occurred because some personnel were pressured by their own supervisory personnel to meet their four-hour participation requirement solely by attending the seminars presented by the Safety Office. It was clear in a variety of correspondence and publicity that although the requirement was for four hours of Safety Standdown participation, these four hours need not be met by attendance at programs presented by the Safety Office. As a matter of fact, in-house activities, such as safety meetings, housekeeping, reviews of Standard Operating Procedures, self-inspections, etc. prove to be far more successful in meeting the true objectives of Safety Standdown and were encouraged in all of our publicity.

Lessons learned for future events -- specialized training will be the only activities presented in the smaller locations and available only to those personnel who require or will benefit from such training, while, all hands, general seminars will only be presented in the Center Theatre, which never completely filled during Standdown '91.

Other criticisms received in response to Standdown '91 involved the changes made to the presentation schedule of events. Unanticipated changes were made in the schedule of presentation topics from the early advertisements of Standdown to the final schedule published in the *Rocketeer* and NWC Announcements just prior to the event. As with any event where guest

speakers are contracted to present training, unplanned circumstances can arise which do not permit the scheduled speaker to attend. Notifying personnel of these changes can only be done through general publicity. The frustration felt by personnel who attend a presentation to find a different topic being presented than the one expected is unfortunate, but will always occur if personnel do not read the most current correspondence published regarding the event. If notices announcing the presentation are held until the last minute, complaints result regarding lack of publicity. If we continue to publish the schedule in advance, we have to rely on personnel to read all of the most recent announcements and articles published. Notices of schedule changes for Standdown '91 were announced -- but they had to have been read, announced at meetings, etc., for the word to get out.

Another comment heard regarding the seminar schedule involved the time lapse between the seminars. Granted, this lapse may have caused some inconvenience for those personnel that chose to stay in one location all morning, afternoon, or day, to attend every presentation, but,

this time lapse is built into the schedule for administrative purposes. This is the critical time that facilitators must "tear-down" from the previous presentation, and "set-up" for the next. It also adds some overlap time in the event a presenter runs over his/her allotted time. This year, with the added uncertainty of the new bar code scanning attendance system, the time between seminars was critical to allow room to correct any problems that may have been encountered. This time lapse also allows people time to get from one location to the next without pressure, reducing the back-log occurring when one audience is trying to leave a presentation location close to the time the next audience arrives. In any event -- planned changes for next year's Standdown will eliminate this problem, as we will not run a series of seminars back-to-back for only two days, but rather present a variety of seminars over a period of a week, presented at optimal and limited times each day.

As we stated earlier, these "problems" or "concerns" in general were frustrations that were experienced by some, but the event outcome was largely successful. We feel the majority of

personnel who participated were pleased with the activities and seminars presented. We hope our "lessons learned" have helped clarify our position. We plan to make future Safety Standdown events even more successful in all

areas and for everyone involved. We welcome any additional comments you may have about Safety Standdown '91. Simply write us a note and drop it in the guard mail to Code 2405.

By the Safety Program Office



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Deep Muscle Relaxation

One of the most common reactions to stress is muscle tension. Deep muscle relaxation helps you to relax your entire body from head to toe by first tensing, then relaxing various muscle groups. The whole process takes about 15 minutes and can be done almost anywhere. First, sit (or lie down) and close your eyes. Then, tense your facial muscles (purse your lips, squeeze your forehead, etc.); hold for 5 seconds then relax. Now move on to the neck and shoulders -- tense, hold, relax. Keep doing this for all the major muscle groups -- arms, back, abdominals, hips, legs, feet. By the time you're done, your tension will have drained away and you'll feel revived and refreshed.

Breathing Deeply

Another reaction to stress is shallow, rapid breathing. Deep, slow breathing can actually interrupt your stress response and help you to relax. First, clear the "stale" air from your lungs by

exhaling slowly (through your mouth) until your lungs feel completely empty. Then inhale (through your nose) until you begin to feel your abdomen rise. Hold for 5 seconds, then exhale and begin the cycle again. Repeat this exercise 4-5 times whenever you feel tense. Deep, abdominal breathing takes only a few seconds and can be done anywhere. So, when you find yourself tense and irritable, stop and take a breather.

The Power of Suggestion

Another technique for relieving stress is autogenic (or self-regulating) suggestion. With this technique you tell yourself how you want to feel. When you feel stressed, sit down, close your eyes and give yourself calming mental suggestions such as "My arms are light and airy, I am calm and peaceful," and so on. You can focus on any and all parts of your body that feel tense. By putting your mind to it, you can talk yourself into a more relaxed, tranquil frame of mind and body.

Relax and Enjoy Life

These are just a few of the ways you can help yourself relax and relieve stress. The important thing is that it's not so much how you relax that counts, but that you take the time to relax. Relaxation is one of the nicest things you can do for one of the nicest people you know -- YOU!

Use caution with System 7.0

(Continued from Page 9)

least one trained representative (perhaps their points of contact) to help guide the new System 7.0 users in their department; there should be regular advisory articles in the *Rocketeer* and the NWC Announcements to provide information on the committee's and customer's findings; lists of software now compatible with System 7.0, as well as helpful hints and contacts, need to be compiled and made available; the PC Lab personnel also need the training to provide the information and support to the points of contacts and Center users on a general basis.

There are efforts to bring accredited training to the Center as soon as possible. Employees support in proceeding with this upgrade slowly, responsibly and in an informed fashion is requested, because this software is extremely powerful and many of

its potential impacts are not yet known.
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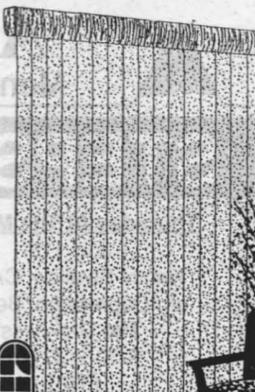
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Have a safe 4th of July

Activities planned at Desert Empire Fairgrounds

National statistics from 1990 show that injuries reported to emergency rooms were estimated at 12,400, an increase of 28 percent over 1989 figures. The 1989 national statistics indicate three out of five fireworks-related injuries were suffered by children, and sparklers caused three fourths of all injuries to children under age five.

In addition, studies show fireworks caused an estimated 44,500 fires in 1988, resulting in 20 deaths and \$41 million direct property loss.

Fireworks, whether for sale, storage or use, have been prohibited on all parts of the Naval Weapons Center for a number of years. But in light of the figures above, the urgings of Naval instructions and the dryness of the area, sparklers will also be banned on-Center this year.

"We urge everyone to attend the Fourth of July celebration being held at the Desert Empire Fairgrounds," said Darrell Johnson, NWC's deputy fire chief. "The show should be especially good this year -- celebrating the successful conclusion of Operation Desert Storm."

In an effort to provide a safe, fun place to celebrate the 4th of July, the Desert Empire Fair Board, community merchants, organizations and individuals from the valley got together and planned a special night of entertainment called *Star Spangled With Love*.

The evening begins with the 4th of July parade, which begins on Balsam, going on Las Flores to Ridgecrest Blvd. to Ward Street. The parade ends at the Civic Center.

The fairgrounds open at 5 p.m. During the evening, the Ridgecrest Rodeo Association will sponsor a variety of games and contests. *Blue Horizon* will provide musical entertainment from 5 to 9 p.m. and all concession stands will open at 5 p.m.

Opening Ceremonies are set for 6:30 to 7 p.m.,

with a Blue Star Marker dedication hosted by the Vietnam Veterans and Oasis Garden Club. At 7 p.m., the 14th annual Children's Patriotic Musical Revue will be held at Joshua Hall, with fireworks beginning at 9 p.m.

According to members of the Desert Empire Fair Board, bottles, cans or fireworks will NOT be allowed on the fairgrounds.

For those still planning their own private 4th of July celebration off-Center, caution is urged. Some simple safety rules to follow are:

- Store fireworks in a cool, dry place.

- Don't allow children to play with fireworks; sparklers, considered by many adults to be "safe" fireworks, burn at temperatures up to 1,800 degrees Fahrenheit and

- can easily ignite clothing.

- Closely supervise older children when they use fireworks.

- Don't allow running or horseplay around fireworks.

- Read and follow warning instructions on the fireworks label.

- Light fireworks outdoors in a clear area away from buildings.

- Make sure people and pets are out of range before lighting fireworks.

- Keep a bucket of water nearby for emergencies. (Deputy Fire Chief Johnson also recommends using a bucket of water to douse the sparklers once they are used.)

- Never light fireworks in a container, especially one of glass or metal.

- Don't try to relight malfunctioning fireworks; soak them in water and throw them away.

- "We want everyone to have a fun 4th of July," said Johnson, "but most of all, we want them to have a safe 4th of July."



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