

Command & the Housing staff congratulate the Yard of the Month winners

Housing says...Congratulations from Command and the Housing staff to the winners selected as the Yard of the Month recipients for July 1989. The winners are AO3 and Mrs. Scott Gibson, 436 Hubbard Circle; AMS2 and Mrs. Randall Cockrell, 1500 Saratoga Ave.; and Mrs. Clara Erickson, 1304 Ticonderoga. Their hard work, time and effort is reflected in the exceptional appearance of their yards. We hope that every-

one will become involved in this program and work at helping to improve and maintain Navy Family Housing. Take some extra time and drive by to see these beautiful yards.

NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLIV, No. 27/July 7, 1989

China Laker part of Navy's first port visit to mainland China's largest city since 1949

When the *U.S.S. Blue Ridge*, Seventh Fleet flagship became the first United States warship to visit Shanghai, China in 40 years, a China Laker was onboard serving as science advisor on the Seventh Fleet staff. Mel Foremaster, who was nearing the end of his tour in Japan as part of the Naval Science Advisor Program, said the experience of the China visit is one he'll remember as long as he lives.

Foremaster, who will return to work at the Aircraft Weapons Integration Department's F/A-18 Weapons System Support Activity

later this year, said the China visit would stand out as a highlight of his NSAP tour. A tour, he added, that had "been very rewarding professionally and personally." He and his family lived in Japan during the tour.

It was his last cruise as Seventh Fleet science advisor. From their homeport in Japan, the *Blue Ridge* and accompanying vessels steamed to the Philippines, Thailand and Hong Kong as part of a four nation deployment before going up the Yangtze River to China's largest city.

The China visit lasted three and a half

days and came at the height of pro-democracy demonstrations in Shanghai and the nation's capital, Beijing. Foremaster, and his wife Barb, who met him in Shanghai, spent more than two days ashore, seeing the city and visiting with Chinese citizens, many of whom readily expressed their admiration for the freedoms Americans have. "For me, Shanghai was the most rewarding of all port visits I made during my tour. . . the people were genuinely warm toward Americans," commented Foremaster.

They met one student who was very interested in the U.S. and very willing to talk about hopes and dreams for democracy in China. When the violent crackdown on dissent came, the Foremasters said they remembered this student and wondered what happened to him.

Throughout their days in Shanghai, Mel and Barb say there was a sense of history being made. "You could feel the mood of the people as they demonstrated day and night. We felt a very personal impact when (Continued on Page 6)

BOSTON STORES' JULY SALE.

I really want something cool to wear.

Then let's hot foot it over to the Boston Stores' July Sale.



SAVE UP TO 50% OFF

Don't miss this hot sale on name brand items for Women, Men, Children & the Home. SALE STARTS THURS., JULY 6, 9:30 A.M.

WOMEN

Famous maker coordinates. Choose from a wide variety of styles in polyester and cotton blends. (Petites available in some stores.) Orig. \$19.-55. Sale 33% off.

Petite blouses and banded pant tops in assorted styles. Orig. \$16.-26. Sale 33% off.

Related separates. Choose from brand name pants, skirts, shorts, knit tops and shirts. Orig. \$20.-50. Sale 33% off.

Cathy Daniels knit dressing. Assorted prints in tops and skirts. Sizes S-M-L. Orig. \$24.-29. Sale 33% off.

Steppingstones tee shirts and tanks. Sizes S-M-L in assorted styles and colors. (Large sizes available in some stores.) Reg. \$8.99-16.99. Sale 25% off.*

Polyester and cotton twill pants, shorts and split skirts. Sizes 8-18 in white and pastels. Orig. \$15.-18. Sale 33% off.

Spring and Summer dresses in a variety of styles and colors. Misses and Petite sizes. Orig. \$36.-66. Sale 33% off.

Famous maker sleepwear. Including Komar, Lorraine, Nicole, Vanity Fair and more. Orig. \$36. Sale 33-50% off.

Summer loungewear. Orig. to \$36. Sale 33-50% off.

Entire stock of Playtex foundations. Sale 25% off.*

Selected Ladies foundations. Orig. to \$18. Sale 33-50% off.

Selected Junior tank tops in brights and pastels. Sizes S-M-L. Orig. \$8. Sale 40% off.

Assorted Junior shorts. Choose from brights and pastels. Sizes S-M-L and 3-13. Orig. \$12.-34. Sale 33% off.

Selected vinyl handbags from Julius Resnick. Orig. \$25. Sale \$16.47.

Selected purse accessories by Bueno. Orig. \$4.-10. Sale \$2.67-6.47.

Entire stock of Glamour rings. New styles in 14K electroplated settings. Values to \$38. Sale \$9.97.

Selected styles of Tacoa jewelry. Necklaces and earrings in pierced and clip styles. Values to \$20. Sale 50% off.*

MEN

Famous maker sport shirts. Choose from a wide selection of styles and colors. Reg. \$26. Sale 50% off.*

Pacific Trail nylon windbreakers with hidden hood. Orig. \$29. Sale 50% off.

Haggard casual dress slacks. Orig. \$30. Sale \$19.97.

Selected Haggard Expandomatic dress slacks. Orig. \$32. Sale \$19.97.

Van Heusen tone-on-tone dress shirts. Short and long sleeve styles. Reg. \$21.-25. Sale 33% off.*

Camp socks. Orig. \$3.50. Sale \$1.97.

Entire stock of regular priced Wembley ties. Sale 33% off.*

PCH for Young Men. Mix and match tank tops, knit shirts, pants and shorts. Sizes S-XL. Values \$11.-32. Everyday low prices \$17.97-23.97. Sale \$5.97-16.97.

Heet for Young Men. Choose from tank tops and knit and woven shirts. Sizes S-XL. Reg. \$10.-25. Sale \$6.97-15.97.

*Discount taken at register. Intermediate markdowns may have been taken. Some items not available in some stores.

CHILDREN

Spring playwear by Buster Brown. Sizes Infant through Girl's 6X and Boy's 7. Values \$6.-24. Everyday low prices \$4.97-17.97. Sale \$3.97-13.97.

OshKosh playwear. Sizes Infant through Girl's 6X and Boy's 7. Values \$11.-42. Everyday low prices \$7.97-30.97. Sale \$6.37-24.77.

Boy's shorts, swimwear, tank tops and tee shirts. Sizes 4-16. Orig. \$5.-20. Sale \$2.97-12.97.

PCH for Boy's. Choose from tank tops, shorts, knit shirts and swimwear. Sizes 4-14. Values \$10.-26. Everyday low prices \$6.97-19.47. Sale \$4.97-14.47.

HOME

Matched percale sheet sets in assorted patterns and colors. Values \$30.-70. Specials \$12.97-29.97.

Martex® towel ensembles. Super absorbent in solid colors. Slightly irregular. Value \$4.-12. Specials \$1.97-4.97.

Silverplated specials. Choose from a wide selection of assorted gift items. Sale up to 40% off.

Indoor/Outdoor serveware in clear and assorted colors. Sale up to 40% off.

SPECIAL HOURS

Thursday, July 6	9:30 a.m.-9:00 p.m.
Friday, July 7	10:00 a.m.-9:00 p.m.
Saturday, July 8	10:00 a.m.-6:00 p.m.
Sunday, July 9	12 noon-5:00 p.m.

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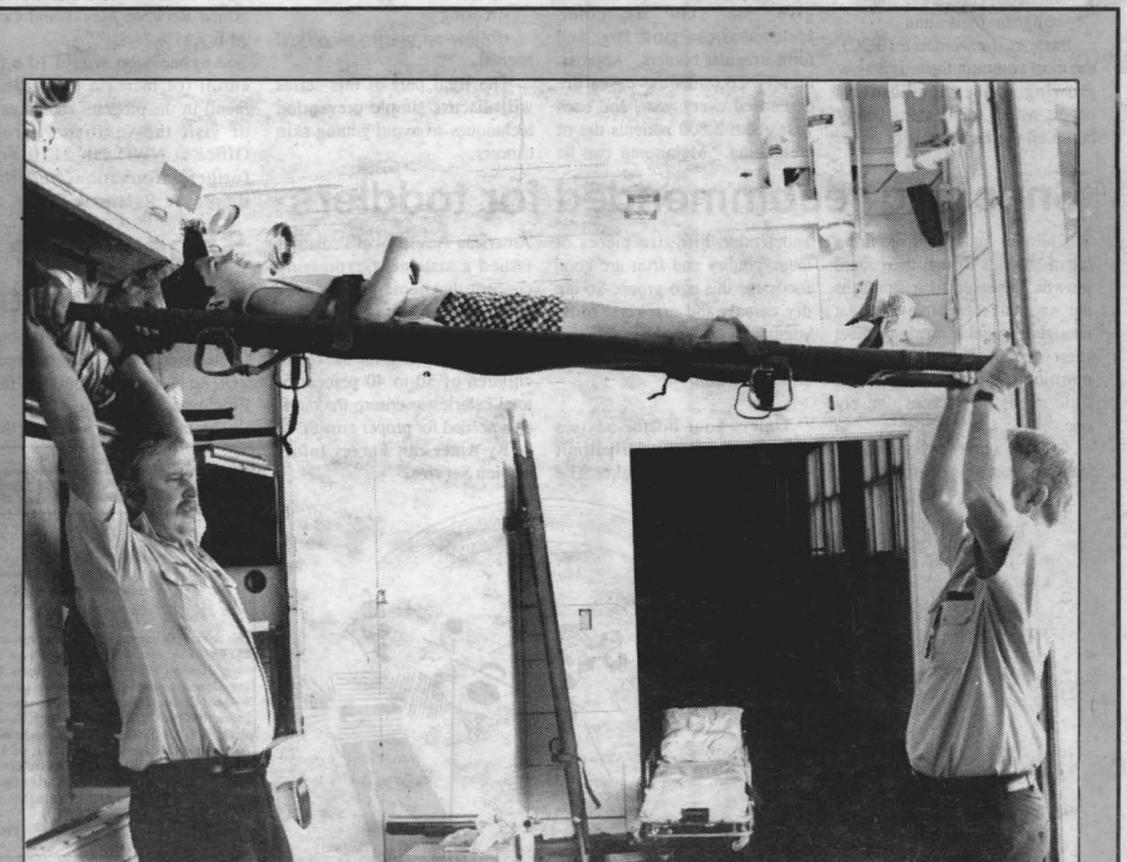
Dr. Andes sets NWC chip pace

Dr. David Andes, head of NWC's Neural Network Program, recently announced development of the first known large-scale modifiable circuit for a neural computer. This circuit was developed at NWC under the sponsorship of the Office of Naval Technology.

Development of the artificial neural network, an analog integrated circuit computer chip with the built-in property of being modified -- or of learning -- was announced by Dr. Andes at the International Joint Conference on Neural Networks.

The new neural net chip, manufactured by INTEL, consists of arrays of 64 neural units linked to each other by a network of 10,240 synapses or interconnections, has computing power in excess of four billion operations per second. The INTEL chip is based on a Navy design, and dubbed ETANN (Electronically Trainable Artificial Neural Network), brings the Navy a step closer to the realization of the hardware for the development of artificial neural network computers.

Neural network computers attempt to mimic, on silicon, some of the circuitry and computing power of biological computers. (Continued on Page 5)



EVACUATION--Fred Clifton (left) and Lt. Dahl Anderson evacuate an earthquake victim from the Armitage Field triage station inside the ambulance is Charles Woolery. The ambulance personnel delivered their victims to the NWC Branch Medical Clinic or Ridgecrest Community Hospital. The exercise was a test of the ability of the medical community to cope with a disaster. (See story and photos on Page 10.)

NWC's Wellness Corner



Part 2 - Fry Now, Pay Later

Recently, the Wellness Office obtained a pamphlet from the American Cancer Society, "FRY NOW, PAY LATER". Our unique location creates a hazardous environment for contracting skin cancer. The Wellness Office offers a brief synopsis of this brochure as a three part series in the Rocketeer. Copies of the brochure can be obtained from the Wellness Office at our new location, 212 Training Center.

There are three types of skin cancer:

- basal cell carcinoma
- squamous cell carcinoma
- malignant melanoma

Basal cell carcinoma (BCC), the most common form, is a slow growing cancer that usually begins with a small, shiny pearly bump on the head, neck or hand.

If untreated, the original bump can bleed and crust over only to open up again. BCC is usually not life-threatening but, if untreated, can continue to grow and destroy underlying tissue.

Squamous cell carcinoma (SCC), usually starts as bumps or red patches with well-defined outlines. Common sites are on the face, the lips and on the tips of the ears. SCC can spread to other parts of the body and can become quite large if left untreated.

Malignant melanoma, the least common but most serious of the major types of skin cancer, may originate in or near a mole. Melanomas involve the cells that give the skin its color. Melanomas can grow large and form irregular borders. Approximately 26,000 new cases are diagnosed every year, and each year about 5,800 patients die of melanoma. Melanoma can be

completely cured if diagnosed early enough. If left untreated, it can spread throughout the body.

How can you tell if you have skin cancer? The only way to know for sure is to visit your physician. He will take a sample of your skin tissue for microscopic examination. This test is known as a skin biopsy.

Depending on the size of the skin cancer, position on the body, and risks to the patient; there are a variety of ways your physician can treat skin cancers. Single treatments or combinations of treatments include:

- surgery
- electrical current
- radiation therapy
- freezing
- follow-up plastic surgery if needed.

The final part of this series will discuss simple prevention techniques to avoid getting skin cancers.

Snacking recommended for toddlers

Children under two require a lot of calories to fuel their rapid growth. However, their stomachs are so small they often can't eat enough at regular meals to meet their needs. Therefore, many nutritionists recommend several little meals in place of one big one.

Lightly cooked vegetables, such as broccoli or carrot sticks,

and tender, bite-size pieces of meat, poultry and fruit are good foods for this age group. So are dry cereals and crackers. Milk, yogurt and cheese cubes will provide calcium to help in tooth and bone formation.

Unless your doctor advises otherwise, don't strictly limit your toddler's fat intake. The

American Academy of Pediatrics issued a statement expressing concern that some parents were over zealous in putting their children on low-fat diets. The academy recommends a fat intake for children of 30 to 40 percent of total calories to ensure the nutrients needed for proper growth.

By American Forces Information Service.

Campaign ends today-- Buy U.S. Bonds

NWC is currently conducting its 1989 Savings Bond Campaign. During this campaign, which closes today, employees (military and civilian) will be receiving information regarding the Savings Bond program and will be encouraged to consider enrolling (or increasing their allotment) in the program.

For more than 40 years U.S. Savings Bonds have provided one of the safest and most secure means of saving. Bonds offer an even better deal today. Instead of a fixed rate of interest, bonds now offer a market-based variable interest rate. While there is no ceiling on how much bonds may earn, there is a built-in guaranteed minimum return of 6% to protect bond holders from market downswings. The current rate of interest for Series EE Bonds issued Between May 1 and Oct. 31 is 7.81%.

Anyone who would like to enroll (or increase their allotment) in the program should call or visit the Civilian Payroll Office at NWC ext. 2121. For further information, call the Employee Relations Office at

NWC ext. 2018 or 2592. Military personnel should visit the PSD Military Pay Division.



Portrait of a Great American Investor



U.S. SAVINGS BONDS
1-800-US-BONDS

Shoemobile to visit Center on Wednesday, July 12

The Shoemobile will be on Center Wednesday, July 12, from 7:30 to 9 a.m., announced the Employee Services Board.

The mobile unit will park by

the Safety Office located on the corner of Hussey and Nimitz. Safety shoes and related items may be purchased by both military and civilian customers.



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<p>15 SERVICES</p> <p>FIREWOOD - Almond, Apple, Pine & Fir. 377-4465. Wilhorn & Sons Firewood Sales.</p>	<p>25 AUTOMOTIVE</p> <p>1984 Honda V65 Sabre. 11,000cc. New in '86. 11,800 miles. Shaft driven, liquid cooled, very fast, mint cond. \$2100. Maint. manual. 446-4843</p> <p>1982 Chevy Cavalier, 2DR., auto., front wheel drive, rack & pinion steering. New paint. \$2900. 446-7044 eves./wknds.</p> <p>1979 Caprice Classic, 4-door, 350/V8 engine, heavy duty trans., A/C, PS, PB, good condition. \$1500. Call eves 446-2388.</p> <p>'85 GMC 4x4, fully loaded. \$8500. 446-6747.</p> <p>1952 PLYMOUTH CRANBROOK. Runs good. \$600. 446-7655 for info.</p> <p>ALFA GOLD 5TH WHEEL. 35ft., 1983. Very nice, has it all. Appraised value \$16,900, asking \$13,200. 377-5244 after 4pm & anytime wknds.</p> <p>'88 Pontiac LeMans, 2dr., AM/FM cass. A/C, PB, xint. cond. Take over payments. 371-2554.</p>	<p>45 HOMES</p> <p>1987 - 14x66, 2BR, 2 BA Singlewide. Excel. cond. - Priced below appraisal value; \$21,000. Many extras: carport, 8x20 front patio, storage shed, bay windows, etc. 446-6915 or 446-6604.</p> <p>FOR SALE BY OWNER - 3 bedroom, 2 bath home in Heritage Village. Less than 3 years old. Premium lot facing park and mountains. Fully landscaped. \$102,000. Call 446-2388 eves.</p> <p>MOBILE HOME - 12x52, 2BR in park. \$9,800, 446-7284.</p>
	<p>25 AUTOMOTIVE</p> <p>1982 Chevy Cavalier, 2DR., auto., front wheel drive, rack & pinion steering. New paint. \$2900. 446-7044 eves./wknds.</p>	
	<p>40 PETS</p> <p>LOST ON BASE - WHITE CAT W/Black stripe on head. Has one green eye & one blue eye. REWARD. 446-6335 - leave message.</p> <p>LONGHAIR DACHSHUND: Has a summer grooming; long hair on ears & tail. Lost near Ridgecrest Blvd. & Jacks Ranch Road. Please call 375-1071.</p>	<p>NEED A LITTLE EXTRA MONEY? If it's laying around the house collecting dust - SELL IT! Just call 375-4481 ROCKETEER CLASSIFIEDS</p>

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watch for it... july 26



CSUB schedules summer classes starting July 17

This summer, the following classes are being offered for the Cal-State Bakersfield Bachelor's Degree in business administration and Master's Degree in administration programs. To enroll in these classes, submit an on-Center Training Request, NAVWPNCEN 12410/73, via department channels to Code 224. Registration will be held in class at the first class meeting.

ADM 677: Applied Organizational Theory (5 units)

July 17-Aug. 17; Mondays and Thursdays, 1610-2110; Training Center. By Professor John Tarjan, CSUB.

Scope: Study of organizational issues such as environment, constituencies, bureaucracy, structure, control, innovations, decision-making, power and politics. Students will apply models presented in class to analyze cases and to conduct an in-depth analysis of a real organization.

Marketing 300: Marketing Management (5 units)

July 17-Aug. 17; Mondays and Thursdays, 1610-2110; Training Center. By Professor Dennis Guseman, CSUB.

Scope: A study of the nature and role of marketing in advanced economies in a managerial context presented in a lecture, case and applied format. Analysis of consumer wants, motivation and purchasing power, and introduction to and formulation of optimizing mixes between product, pricing, distribution and promotional variables.

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

General Comments

1. Textbooks are available at bookstores locally.
2. Job-related courses, other than those listed above or those offered under contract with Cal-State Chico or Cal-State Northridge, must be approved on an off-Center Training Request, DD Form 1556, before registration if NWC is expected to pay for the training.

For more information about any of these programs or classes, contact Cecil Webb at NWC ext. 2648.

Number of CSUB courses offered by NWC reduced

Due to budget cuts, the number of courses offered through the on-Center programs with California State University, Bakersfield (CSUB) will be reduced. Beginning fall quarter 1989, the following number of courses will be taught per year under the Center contract with CSUB: Four core courses for the master's degree program in administration; three core courses for the bachelor's degree program in business administration; and three math courses in support of other academic programs.

In addition, CSUB will offer in the Ridgecrest area general education and business elective courses needed for the bachelor's degree and administration elective courses for the master's degree. Course participants of

such courses will have to pay tuition fees to CSUB. Civil service employees of the Center taking such courses and who expect to obtain tuition reimbursement, must submit via department channels to Code 224 prior to registration a DD Form 1556 (Off-Center Training Request) with a job order number supplied by their department and an "objective" statement explaining how the course is job related.

Fall schedule information on the CSUB courses discussed above will be made available later in the summer. This will include information on cost and registration procedures for the CSUB courses not covered by the contract with the Center. For more information, please call Cecil Webb, NWC ext. 2648.



Personnel development opportunities

Training for Security Coordinators (24 hours)

July 25-27; 0800-1600, Training Center. By John Hammonds.

Intended Audience: Security coordinators, alternates and employees who anticipate performing duties as security coordinators.

Scope: The class will provide a working knowledge of classification management, downgrading, declassification, marking, access, control, dissemination, transmission, accountability, storage, destruction, custody control point procedures, security violations and security education.

Custody Control Point (CCP) Procedures (12 hours)

Aug. 8-10, 0800-1130, Training Center. By John Hammonds.

Intended Audience: CCPs and alternates.

Scope: This class is for all custody control points and alternates. It will include a discussion of CCP responsibilities, duties and procedures. This "hands-on" class will cover classified document control, accountability pro-

cedures, custodial responsibilities, transmittals, markings/wrapings/addressing packages, accounting procedures, reproduction and distribution. There will be opportunities to share problems, methods of resolving them and "good ideas" that work for you.

New Employee Orientation (6 hours)

Sept. 1, 0800-1430, Training Center. By NWC staff.

Intended Audience: New employees.

Scope: The orientation includes a "Welcome Aboard" and Center overview, and presentations on training opportunities, safety, the Employee Assistance Program, personnel benefits and systems, Police and Fire divisions, desert geology, the Technical Information Department, equal employment opportunity, NWC and area recreation and internal review. Department offices should contact all new employees about attending the orientation.

Deadline: Aug. 22.
Intro to the Macintosh (7 hours)

Sept. 19, 0800-1600, Training Center. By Dan Burnett, NWC.

Intended Audience: Beginners with little or no Macintosh experience.

Scope: In this course you should learn to use the keyboard and the mouse to input information to the Macintosh, change software to suit the current application, view files and folders on a data disk, select and drag icons, open icons through the file menus, activate and close windows, use Desk Accessories such as Chooser, Finder and Calculator, use the Clipboard to transfer information, use some typical applications packages such as a wordprocessor, a spreadsheet and/or a graphic program. (Applications to be surveyed may include MacWrite or WORD, MacPaint, MacDraw or MacDraft, Excel or HyperCard -- this class won't be able to cover these applications in any detail -- the student is referred to other classes offered for specific applications.)

Deadline: Sept. 5.
Enrollment Form 12410/73 needed to enroll in these classes.

Cerro Coso establishes an AS Program in Quality Assurance

Cerro Coso Community College is in the process of establishing a new Associate of Science Program in Quality Assurance.

Pending formal approval of the program, two courses will be offered this fall: *Introduction to Quality Assurance* and *Fundamentals of Nondestructive Testing*.

Tony Miller will teach the Quality Assurance class on Tuesdays and Thursdays from 5 to 6:20 p.m. and Peter Stewart will teach the Nondestructive Testing class on Mondays and Wednesdays from 5 to 6:20 p.m.

For more information on this program, contact the Counseling Office at Cerro Coso, 375-5001.

Chico presents Systems Design as summer class

CSCI 270: Systems Design (3 semester units)

July 19-Aug. 3; Monday through Thursday, 1140-1230 and 1615-1910; Training Center. By Prof. Melody Duncan, CSUC.

Prerequisite: CSCI 172: Systems Architecture or equivalent or consent of instructor.

Scope: Methods related to the functional design of complex computer systems. Emphasis is

on the project-team design approach. Operational criteria, system feasibility, requirements and cost tradeoffs. Integration of personnel, equipment, hardware and software.

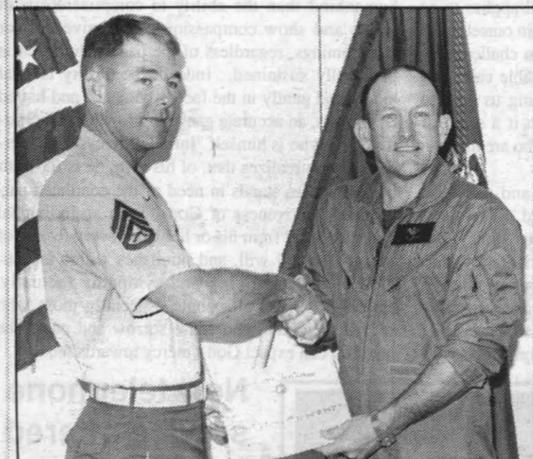
Note: This is a core course in the systems option for the Bachelor's Degree Program in computer science through Cal-State, Chico.

For more information, call Cecil Webb, NWC ext. 2648.

China Lake sailors take the oath for another tour



NAVY PRIDE--LCdr Richard Titi, left, head, Branch Medical Clinic, reenlists HM3 Keith Gallus for three more years in the U.S. Navy during a recent reenlistment ceremony. Photo by PHAN Cary Brady.



FINAL FIVE--Staff Sgt. David Reynolds recently re-enlisted for the last five of a twenty-year career with the USMC. Colonel Barry Banks (right), China Lake Marine Aviation Detachment Commanding Officer, performed the duties.



ANOTHER HITCH--AMS1 Alan Plante takes the other for another enlistment. VX-5 CO, Capt. Eric Vanderpoel, II administered the oath.

New physical requirements expected for all personnel

WASHINGTON (NNS)--The Navy will soon change physical examination requirements with an eye towards improving health care for all sailors, marines, and their families.

A study by the Naval Medical Command has shown that younger sailors have few serious medical problems and do not require the current schedule of routine physical examinations. The Navy has revised its examination schedule by reducing the frequency for those at less risk of serious medical problems therefore allowing more time for medical treatment for servicemen and their families.

The revised schedule is as follows:

- 17-24 years old, one examination.
- 25-49 years old, every five years within 30 days of birth date, beginning at age 25.
- 50-59 years old, every two years within 30 days of birth date, beginning at age 50.
- 60 and older, annually within 30 days of

birth date. Anyone assigned to flying duty will continue to receive annual physical exams and members involved in special duties or circumstances requiring more frequent physical exams are subject to applicable current directives.

The health screening process includes:

- Complete physical exam and, after age 25, cholesterol testing and electrocardiogram (EKG).
- Blood pressure checks and health questionnaire during annual dental exams.
- Risk factor screening questionnaire prior to semi-annual physical readiness test, except for marines.
- Annual test for occult blood in stool after age 35.
- Tonometry (glaucoma screen) every two years after age 40.

Capt. Burt farewell scheduled for Seafarer Club on August 4

China Lakers will have an opportunity to bid a fond farewell to Capt. John Burt, NWC Commander, at a farewell party set for August 4 at the NWC Seafarer Club. The farewell begins at 6:30 p.m. with a social hour and heavy hors d'oeuvres. The cost will be \$6 per person and advance reservations are needed. To make a reservation please call NWC ext. 3511 by the close of business on Monday, July 31.

Capt. Douglas Cook will relieve Capt. Burt as NWC Commander at a change of command ceremony set for 9 a.m. on Monday, August 7. The ceremony will be held in front of the NWC Headquarters Building. Employees and area residents are welcome at the farewell party and the change of command.

SPECIAL HONOR--
Capt. John Burt received special recognition from the Ridgecrest Chamber of Commerce recently as he was presented the first "Community Leadership Award" by Slim McWilliams representing the chamber. The NWC Commander was honored for his many contributions to the good relationship between the Naval Weapons Center and the Ridgecrest community at large. D.I. Photo



CHAMPUS expands coverage

In February of this year, CHAMPUS began sharing the cost of biofeedback services for certain medical problems that haven't responded to other forms of conventional treatment. A physician must evaluate the patient and refer him or her to a CHAMPUS-authorized provider before biofeedback services can be cost-shared.

Biofeedback is a way of teaching a patient to exercise control over a body function. By using certain electronic instruments, the patient learns how a particular body system works and how to change the way the body reacts.

CHAMPUS coverage for biofeedback is limited to the following medical conditions when biofeedback is used in addition to

some other form of treatment: Raynaud's Syndrome, which is extreme sensitivity to cold, causing blood vessels to tighten up, resulting in pain and changing skin color.

CHAMPUS beneficiaries who have questions about biofeedback coverage should contact their Health Benefits Advisor at NWC ext. 2911.

Radar watch continuing

CLPD traffic enforcement concentration areas

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

According to Kerry B. Swiggum, traffic manager, CLPD Operations Branch, areas of concentration for radar traffic enforcement for next week are listed below.

- Monday -- Randsburg Wash Road.
- Tuesday -- CLPL Road.
- Wednesday -- Poleline Road.
- Thursday -- Burroughs Avenue.
- Friday -- Gold Canyon.

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

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Divine Services

Protestant	
Sunday Worship Service, Main Chapel	10:30 a.m.
Sunday School, Annexes 1, 2 & 4	9:00 a.m.
Bible Study (East Wing), Wednesday (September thru June)	11:30 a.m.
Men's Prayer Breakfast, East Wing, Thursday	6:15 a.m.
Officers' Christian Fellowship/Christian Military Fellowships, Annex 4, Thursday	7:00 p.m.
Islamic	
Jumaa Prayer (Friday in Annex 4)	1:00 p.m.
Roman Catholic	
Sunday Mass, Main Chapel	9:00 a.m.
Daily Mass, Small Chapel	11:35 a.m.
Confession (Sunday), Command Chaplain's Office	8:15-8:45 a.m.
Confession By Appointment	Anytime
Religious Education Classes (Sunday) (September thru May), Annexes 1, 2 & 4	10:30 a.m.
Jewish	
Weekly Services (Friday - East Wing)	7:30 p.m.
Adult Hebrew Lessons (Saturday in Annex 4)	9:00-10:00 a.m.
Sabbath School (Saturday in Annex 4)	1:00-4:00 p.m.

Chaplain S. A. Casimano, LCDR, CHC, USN
 Chaplain G. L. Goodman, LT, CHC, USNR
 Chaplain G. E. Williams, LT, CHC, USNR
 Hearing Impaired Equipment, Nursery Available
 Phone NWC ext. 3506, 2773, 2873



Chapel Call

"The Beatitudes of Jesus (Part 2)"

Once again, contemporary associations with the word "meek" may give us cause to gloss over quickly the next "blueprint for Christian living" uttered by the Savior in his "Sermon on the Mount," and included in the list of directives for his followers that are grouped together as "the Beatitudes" (Matthew 5:3-12). "Blessed are the meek, for they shall inherit the earth."

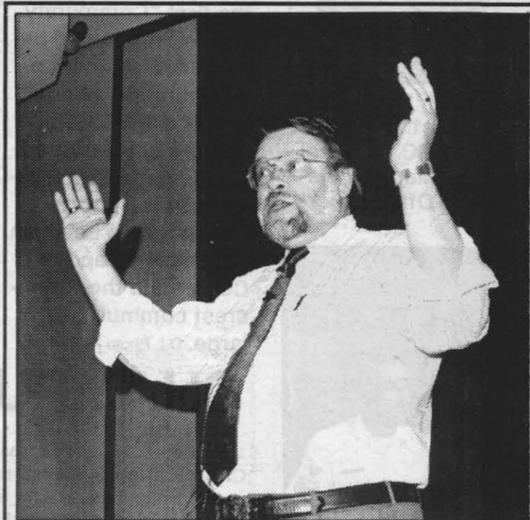
Since "meekness" is many times misunderstood as "timidness" or the "lack of assertiveness," perhaps we might paraphrase our Lord's pronouncement: "How fortunate are those who are not overbearing or oppressive in their dealings with others, for such individuals exemplify the gentle Spirit of the kingdom of God." Indeed, if Jesus teaches that pride is a cardinal sin, surely his followers are marked by a profound sensitivity to the feelings of others that prevents them from harshly imposing on them their will or being rudely aggressive.

The direction of this Beatitude still applies to us today, as we sometimes struggle within ourselves to approach our enemies and those who challenge us (both justly or unjustly) with reasonable calm and Christlike charity. Our Lord is urging us here to take on the gentility that brings with it a sense of awe at the uniqueness of all people who are made in the image of their Father in Heaven.

"Blessed are those who hunger and thirst for righteousness, for they will be filled." There is a sharp distinction between "righteous" and "self-righteous." In fact, it is the "self-righteous" man whom Jesus condemns as presumptuous, showy, and possessed of a pathetic and exaggerated sense of piety (Luke 18:9-14). Such an individual justifies his every action in the name of religion, and blindly

regards his every motive as noble and commendable. He goes so far as to offer himself as "the community conscience," measuring the behavior of others in light of his own conduct. The self-righteous man, more often than not, is close-minded, opinionated and sadly lacking in humility before the Lord and others. The "righteous man," however, is filled with intense spiritual longing (hunger and thirst for the principles of humanity and equity that mark the true follower of Christ. Such an individual yearns for justice and peace among all; he is filled with a deep desire for all people to live in harmony and love; he "hungers" for the coming of God's kingdom when all will stand equally before a compassionate Father as beloved sons and daughters; and, he "thirsts" for opportunities to actively work for such peace by the loving example of his own "good will toward men."

"Blessed are the merciful, for they will be shown mercy." There is no more noble characteristic in humankind than the ability to commiserate with others and show compassion and forgiveness for shortcomings, regardless of the pain or hurt that is personally sustained. Indeed, the ability to deal kindly and gently in the face of violence and hatred is, perhaps, an accurate gauge of growth in the Spirit of God who is himself "Infinite Mercy." The merciful person realizes that, of his own, he is far from perfect and so stands in need of the continued pardon and forgiveness of God. Such an individual seeks to dispel from his or her heart every feeling of revenge and ill will, and nourishes within an attitude of understanding and sympathy (actually, empathy) toward all people especially those who act hatefully and who cause sorrow and pain. The merciful can expect God's mercy towards them.



FUTURIST--David P. Snyder, a consulting futurist, from Maryland was the featured speaker at a Technical Director's Seminar last month. Photo by PHAA Cary Brady

New telephone service offered through SSA

"The Social Security Administration has improved its telephone service for the residents of the Ridgecrest, Trona, Rand and Death Valley areas," John Powers, Social Security resident representative, said.

Anyone who has had to pay a long-distance charge to call Social Security can now call without cost by using the toll-free number 1-800-234-5772.

With the new toll-free number, anyone can call for Social Security information 24 hours a day. Calls between 7 a.m. and 7 p.m. each business day will be answered by a live operator, and, at other times, a caller can leave a message which will be answered the next business day, or at a convenient time chosen by the caller.

NWC employees need additional leave hours

Employees indicated below have been approved to become leave recipients under the Leave Transfer Program. These employees have exhausted annual and/or sick leave because of personal emergencies and will be in a non-pay status for at least ten days. Employees who wish to donate annual leave to the employee should fill out the form at the end of this column, clip it out and send it to Code 221. For more information about this program, call NWC ext. 2018.

Brian D. Peterson, Industrial Engineer, Code 3294 -- is recovering at Daniel Freeman Memorial Hospital from a bicycle accident on May 14. He is recovering from a severe head injury. Physical, speech and occupational therapy are being given and he is improving every day.

Cheryl Clark, Secretary, Code 3686 -- had a medical setback and is currently undergoing a doctor's treatment and will return to work in September.

Mike Mason, Mechanical Engineering Technician, Code 3526 -- is continuing to receive chemotherapy treatments at UCLA for his long-term illness. He is able to work intermittently

between treatments.

Michael Phillips, Student Trainee (Computer Scientist), Code 2803 -- has had repeated surgeries for recurring tumors of the knee, which have led to two replacements of the knee joint.

Melody R. Reymond, Budget Analyst, Code 2836 -- who under went emergency surgery and was unable to work from mid-February until late April is indebted for leave.

Robert R. Huntley, Program Manager, Code 35A1 -- has had a spinal fusion and neural surgery on his right arm. He has been able to return to work

only part time.

Robert Donsbach, Specification Writer/Editor, Code 3656 -- suffered a heart attack on May 4, 1988 and will be unable to return to work until the end of July.

John Hill, Engineering Data Management Specialist, Code 3654 -- has intestinal problems, including internal bleeding, which have led to anemia and long term absence from work.

Joan A. Johnson, Secretary, Code 3592 -- needs annual leave to care for her husband, who is being treated for cancer.

Leave Donation Form
Complete and send to Code 221

From: _____

Code: _____

I wish to donate _____ hours of my annual leave to: _____

I have attached a copy of my last leave and earning statement.

Signature _____

Date _____

Third retirement seminar scheduled

Tax and estate planning seminar set for July 12

How will the recently enacted economic and tax policies affect you and your family's estate and financial plans?

Come to the third in a series of seminars sponsored by Susan Burton and Elizabeth Fahan of Prudential-Bache Securities slated for July 12 from 12:45 to 2 p.m. in Michelson Lab, Room 1000D.

A financial consultant and practicing attorney will discuss how to avoid probate, joint tenancy, wills and trusts, gifts and transfers of property, eliminating and/or reducing income taxes and methods of reducing income taxes.

Prudential-Bache has invited Elaine Kalin back as a guest

speaker. Kalin is a licensed California attorney and does numerous seminars on retirement and estate planning throughout the country. Also speaking at the seminar is Jeffrey Jennings, a

practicing licensed California attorney specializing in estate planning.

For reservations, call Barbara Martinez at 1-800-843-0603.

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Register in August for CCCC courses

Registration for continuing and new students at Cerro Coso Community College begins Aug. 10 for the Fall semester. Registration for continuing students will be Aug. 10, 14, 15 and 16 by appointment and Aug. 17 on a walk-in basis. New students attending orientation may register on August 15 and 16 by appointment only.

The Center may pay students' full tuition if they are enrolled in courses provided under the NWC/Cerro Coso Contract. If NWC employees can show that courses are job-related or will strengthen their contributions to the Center's mission, their tuition will be paid directly to the college.

A DD Form 1556 (Authorization Agreement and Certification of Training and Reimbursement) must be submitted via department channels to Code 224 with a job order number supplied by the student's department.

If a course is not clearly job related, along with the DD Form 1556, submit NAVWPNCEN 12420/66, Academic Enrollment Justification, and NAVWPNCEN 12410/68, Individual Development Plan, describing how the course fits into the employee's/student's overall career plan and how attendance at the course will strengthen contributions to the Center's mission.

Code 224 will return the approved DD Form 1556 to the applicants. It must be taken by the student to Cerro Coso when registering in order for NWC to pay the tuition.

Requests for tuition support (DD Form 1556) must be received by Code 224 by close of business on Aug. 7 for registration in Fall courses. This will allow the request to be processed and returned in time for registration. *Those received after Aug. 7 will be returned and employees will either have to pay the tuition themselves, or wait until another semester to register and resubmit the request for tuition support. Employees who pay the tuition themselves, will not be reimbursed.*

If further information is required, please call Cecil Webb at NWC ext. 2648.

Savings Bonds save investors \$\$\$\$ on taxes

The interest on Savings Bonds is exempt from state and local income taxes, and Federal tax reporting may be deferred until a bond is cashed or reaches maturity. Additional deferral is possible by exchanging EE Bonds worth \$500 or more for Series HH Savings Bonds. And by registering bonds in the names of children as owners, it is possible that tax liability can be further reduced while building college funds.

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Personnel news and notes

(Continued from Page 15)
image processing capability in support of technology demonstrations. Strong background in digital hardware, computer interfaces, assembly language programming is required and familiarity with 68020 microprocessor is desirable. Knowledge of image processing software and/or algorithm development related to target tracking, detection or recognition is also desirable. Some foreign travel may be required. To apply, please send an updated SF-171 to Dale Billings, Code 3159, NWC Ext. 3588.

No. 31-058, Interdisciplinary, Mechanical, Electronics, Aerospace Engineer, Physicist DP-830/855/861/1310-3, Code 3159 - This position is located in the Systems Engineering Branch, Targeting and Fire Control Division, Aircraft Weapons Integration Department. Incumbent will perform systems analysis and systems engineering activity pertaining to the development of tactical airborne electro-optical systems. Responsibilities also include promoting and supporting the transition of applicable targeting technology into both existing and newly emerging systems. A strong background in FLIR systems and related signal/image processing for targeting and fire control is desirable. Previous experience supporting full scale development projects, including analysis of system performance, design, integration, test and evaluation is also desirable. Requires a willingness to perform in a role of technical leadership and to interface effectively with management, sponsor and contractor personnel. Some foreign travel may be required. To apply, please send an updated SF-171 to Dale Billings, Code 3159, NWC Ext. 3588.

No. 32-036, Supervisory Interdisciplinary (General/Mechanical/Chemical Engineer/Physicist/Chemist), DP-801/830/893/1310/1320-4, Code 321 - The incumbent serves as Head of the Energetic Materials Division, Ordnance Systems Department. The incumbent is responsible for management, supervision, and administration of the division. The Energetic Materials Division is responsible for the R&D of explosives and propellants for application to ordnance and missile propulsion systems. This includes applied research, development and fleet support consisting of synthesis, scale-up, formulation, evaluation, and analysis of energetic material. The division is also responsible for maintaining the extensive plant facilities dedicated to the R&D of energetic material. The incumbent will have line responsibilities for interfacing with center activities in energetic material synthesis and application of these materials to current and future weapon systems. The incumbent will also be a principle contact with other Navy and DOD labs and the DOE labs in the area of energetic materials and their application. Extensive sponsor contact and interaction with various national and international organizations will be required. The incumbent must be able to plan and direct facility improvements and modifications in the NWC energetic materials and processing plant. Candidates must be a DP-4 and possess at least a bachelor's degree (an advanced degree is desirable) in the physical sciences or engineering. Broad experience in munition systems R&D is desirable. The incumbent must have a thorough understanding of the chemistry generally associated with both propellants and explosives. To apply, send a current SF-171 to M. E. Anderson, Code 32, NWC ext. 7200.

No. 39-041, Interdisciplinary (General/Electronics/Mechanical/Aerospace Engineer/Physicist/Mathematician), DP-801/855/830/861/1310/1520-3/4, Code 3901A - This position is that of project manager for the Artificial Neural Network (ANN) Advanced Technology Demonstration (ATD) Project in 3901A. The goal of the three year OPNAV sponsored ATD project is to develop and demonstrate an analog artificial neural network signal processing computer system which will solve infrared background clutter problems associated with imaging infrared anti-air missile seekers. The technical scope of the project includes theoretical analyses and simulation of artificial neural networks, analysis of the nature of

infrared background clutter, development of an ANN processor architecture to reject the clutter, custom integrated circuit design, digital and analog circuit simulations, development of an ANN signal processing laboratory, hardware fabrication system testing and evaluation, and demonstration of the real time processor with a missile seeker. Responsibilities of the ANN ATD Manager include leadership of the project team, OPNAV and NAVAIR sponsor interface, planning and definition of technical goals, milestones and schedules, financial tracking, management of project personnel and tasks, and reporting of progress. This is a career enhancement opportunity, open to both DP-3's and DP-4's. The incumbent will retain his/her current grade level. There is no promotion potential to DP-4. To apply, send updated SF-171 to Bill Webster, Code 3901A, NWC ext. 4624.

No. 64-040, Computer Specialist, DS-334-1/2, Code 64303 - This position is located in the Tactical Air Range Integration Facility (TARIF) of the Radar and Threat Technology Division of the Aerosystems Department. The incumbent will be the Computer Facilities Manager to the TARIF SSA and the Range Electronic Warfare System (REWS) SSA. The SSA systems includes eight Concurrent CPU's, two DEC PDP-11's and assorted peripherals. This person's duties will include being the computer operator, loading discs and magnetic tapes, handling trouble chits, responsible for creating and maintaining a computer system library and be responsible for the ADP accreditation for the SSA equipment. Knowledge of Concurrent and DEC computer systems including both hardware and software are desirable but not mandatory. Ability to both communicate orally and in writing. Ability to interface with contractors and other government facility personnel. Must be able to obtain and hold a secret clearance. Promotional potential to DS-2 if filled at the DS-1 level, but not guaranteed. To apply send a current SF171 to John Smith, Code 64303, NWC ext. 2951. Previous applicants need not reapply.

Reassignment opportunities

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

No. 22-8917, Offset Press Operator, NA-4417-7, \$6.33 to \$7.01 Per Hr, Intermittent Unscheduled Code 22913 - Incumbent prepares presses for operation. Sets up, adjusts, and coordinates the operation of feeder and delivery mechanisms. Inspects plate for imperfections, cleans, mounts, adjusts, and backs it up. Observes conditions of blanket and rolls for wear of imperfections. Replaces worn or broken parts, maintains quality on all production runs. Responsible for ordering and stocking supplies. **Job Relevant Criteria:** Knowledge of the preparation, adjustments, operation, and maintenance of single color or multicolor offset press equipment.

No. 22-8919, Operations Clerk, AS-301-4, \$5.31 to \$6.31 Per Hr, Permanent Full Time Code 2297 - Incumbent handles new memberships for Golf Course, and maintains accounts for all aspects of the Golf Pro Shop and Maintenance Branch. This involves typing in registrations on a computer. Incumbent prepares monthly reports, time sheets, submits billing information to the Financial Management Bookkeeper for collection. Prepares refund vouchers, and keeps log of all refunds given. Incumbent performs general office duties for branch support; typing, filling, and other duties as assigned. **Job Relevant Criteria:** Must be able to type, operate an adding machine, computer, electronic cash register and duplicating machine. The ability

to work with figures is essential. Must be able to work well with the public.

No. 22-8918, Caterer, UA-1101-7, \$19,493 to \$25,343 Per Annum Permanent Full Time, Code 2293 - Incumbent prepares contracts for all private functions. Centralized responsibility for all catering functions requiring food and beverage service. Coordinates with head chef and other food service personnel to arrange details such as printing of menus. Analyzes requirements of the occasion and determines suitable types of service to be provided. Inspects final arrangements for catered affair to ensure all contractual arrangements are met. Responsible for training food service personnel in the proper serving methods, table setting service and customer relations. Maintains up to date inventory of all private function contracts, worksheets, schedules, monthly reports and menus. Performs other duties as assigned. **Job Relevant Criteria:** Knowledge of the fundamental principles, and techniques involved in the management of catering programs. Knowledge of the procedures; and skill in general business principles. Skill in dealing with people and organizations of diverse backgrounds and needs. Ability to negotiate contracts, mediate disputes and pacify customers. Knowledge of the food service industry relative to cost analysis, entertainment, health requirements, resource management, marketing techniques, and public relations.



NEURAL NETWORK--Dr. David Andes (second from left) shows off the first neural network wafer of chips. Looking on are G. R. Schiefer, (left) Bill Porter and Dillard Bullard (right).

Andes leads NWC neural network research efforts

(Continued from Page 1)- uters--the brain or nervous system of animal and humans, made of neurons or nerve cells. Billions of neurons, linked together by a network of billions of connections, send electrochemical signals back and forth to each other

in an extremely adept process of decision making--processing data connected with vision, hearing or memory.

Unlike digital computers, with their programmed, step-by-step, yes or no computational approach, in neural networks bil-

ions of neurons are active simultaneously and arrive at a collectively-decided answer more efficiently than the most powerful computers available today.

Artificial neural networks are not explicitly programmed, but "learn" by experience and are

trained by the very data that they are processing.

Artificial neural nets would be particularly applicable to a range of difficult Navy needs such as object recognition, pattern discrimination, sonar echo classification and other computing prob-

lems unsolvable with present computers.

NWC is currently building the structure of a neural network computer to test the INTEL chips in a functional system. This operational model of a neural computer should be ready this fall.

CLPD officer completes police training sessions

Basic course offered through Riverside Academy

After completing a 19-week basic police officers' training course at the Riverside Basic Peace Officer Academy in Riverside, Calif., David Burke is back patrolling the streets as an officer of the China Lake Police Division.

The Operations Branch Swing Watch patrol officer completed

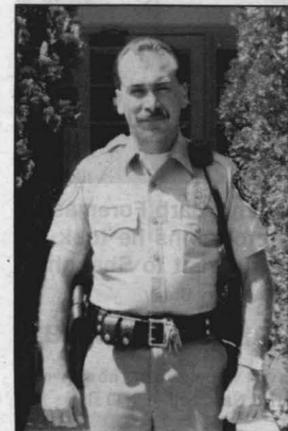
the course with a 87.77 grade point average and graduated 13th out of 45.

"Physical training was a big part of our daily routine," said the graduate. "We also trained in criminal investigation, California laws of evidence, search and seizure laws, courtroom demeanor, CPR/first aid, patrol

procedures, etc."

Burke joined the China Lake Police Division in 1985. He took a year's hiatus from police work when he joined the Public Works Department but came back in 1988.

He and his wife, Patty, live in Ridgecrest with their six-year-old daughter, Chasity.



Officer David Burke

Car seat safety tips

During scorching summer weather, hot automobiles pose a special hazard to young children. Vinyl seats and metal hardware heated by the sun can seriously burn their tender skin. Always test the temperature of a child seat (metal parts in particular) itself before placing your child in the car.

Whenever possible, choose a shady parking spot. If you must part in the sunlight, take the precaution of covering the child safety seat or vehicle seat with a towel or blanket. REMEMBER--temperatures in China Lake have been reaching highs well over 100 degrees fahrenheit.

Secretarial opportunities

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

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

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

No. 32-037, Secretary (Typing), DG-318-1/2, Code 3203 - This position is located in the CATFAE Project Office of the Ordnance Systems Department. The incumbent provides secretarial and administrative support to the Project Office Head and other project personnel. Experience with the Macintosh II and

Xerox Memorywriter is desirable. Promotion potential to DG-3.

No. 38-006, Secretary (Typing), DG-318-2, Code 3851 - This position is located in the Chemistry Division. The incumbent provides secretarial and administrative support to Branches 3851 and 3858

Research Department. Incumbent must be able to use or learn the Macintosh II equipment, be familiar with Navy correspondence and be able to coordinate complex travel arrangements for both branches. Promotion potential is to the DG-2 level, but not guaranteed. Status eligibles may apply.

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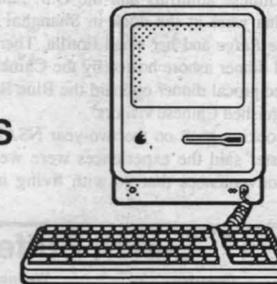
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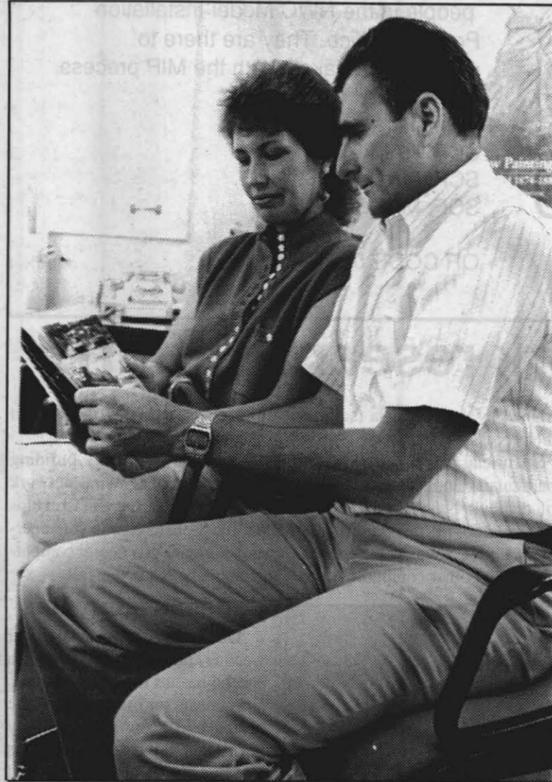
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Mel Foremaster onboard *USS Blue Ridge*

History in the making



CHINA EXPERIENCES--Mel and Barb Foremaster look over some of the photographs he took as the *USS Blue Ridge* made its visit to Shanghai, China in late May. Photo by PHAN Cary Brady

New uniform authorized for wear

Washington (NNS)--Navy women can now wear polyester/cotton blend skirts or certified Navy twill (CNT) slacks for summer white uniforms.

Both items are available and authorized to provide a complete skirt/slack ensemble for summer white uniforms.

The CNT slacks are the same style as women's khaki slacks with three-quarter side seam front pockets. Slacks with welt pockets are also authorized and may be worn as long as serviceable.

Service dress white uniform with slacks is now authorized for women CPOs and officers.

Service dress white CNT slacks are available through the Uniform Support Center in Norfolk.

The Uniform Support Center's toll free numbers are: CONUS, except area codes 703 and 804, 1-800-368-4088; area codes 703 and 804, 1-800-552-3115; Alaska, Hawaii, Virgin Islands and Puerto Rico, 1-800-368-4089; and overseas, Autovon 680-8586.

Tax advantage.

The interest on Savings Bonds is exempt from state and local income taxes, and Federal tax reporting may be deferred until a bond is cashed or reaches maturity. Additional deferral is possible by exchanging EE Bonds worth \$500 or more for Series HH bonds.

(Continued from Page 1)

You could feel the mood of the people as they demonstrated day and night. We felt a very personal impact when violence erupted during the crack-down," added Mel. Barb commented on the differences in demonstrations. In Shanghai, the demonstrators chanted, sang and marched all day long. In Beijing, Tian An Men Square was silent and filled with demonstrators who seemed to be just waiting.

The visiting Americans spent the days ashore and on foot. "With the demonstrations you had to walk," said Barb Foremaster. Public transportation is very scarce. They just cram people on street cars until they are hanging out the windows, the couple noted. Even walking was difficult. The streets, while very wide, are shared by a mixture of bicycles, pedestrians and a few motor vehicles. The sidewalks weren't used by pedestrians as much as the middle of the street was.

Barb Foremaster arrived in Shanghai after a visit to Beijing, including Tian An Men Square, as part of a tour arranged from Hong Kong. Mel noted his wife had met the ship in Thailand, and they were joined in Bangkok by their children, Kimberly, age 15, and Scott, age 13, for a short family vacation. After flying to Hong Kong, the kids went back to Japan as the *Blue Ridge* and its crew prepared to be part of this history-making visit to Shanghai.

When Barb flew China Air to Beijing, she was on a conducted tour, lacking any real opportunity to meet and mingle with ordinary Chinese citizens. This all changed in Shanghai. She noted everyone seemed impressed by the cities in China. "They weren't what I expected. I expected them to be dirty, but they were very clean. I expected them to be crowded, but the streets were wide and the feeling you got was just the opposite. It was a wonderful experience because the people made you feel so welcome and so good," she added.

For the *Blue Ridge*, the first U.S. warship in the harbor since the *USS Dixie* sailed out in 1949, it was an important occasion. The small U.S. convoy was escorted up the river by Chinese warships. At a naval base along the way, all the crews were turned out in their dress uniforms and their ships were flying flags for the occasion. The visit merited a formal gun salute to the flag and a U.S. reply. Foremaster noted the trip up river was a long, slow process because of the volume of boat traffic on the river and the size of the U.S. ships.

Chinese admirals and the U.S. Ambassador to China were at the dock in Shanghai to greet the *Blue Ridge* and her small flotilla. There was a formal dinner ashore hosted by the Chinese Navy and a reciprocal dinner onboard the *Blue Ridge* for distinguished Chinese visitors.

Looking back on the two-year NSAP tour, Foremaster said the experiences were well worth the inconveniences that go with living in Japan and

being away from friends and family for that long. His family also enjoyed the experience and returned to China Lake with whole different perspective on things.

In discussing the two-year NSAP stint he said, "the hardest part of the tour was the amount of time I was away from the family," commented Foremaster. "The *Blue Ridge* was away from its home port about 50 percent of the time and I was gone from home another five to ten percent of the time," he added.

Hardships notwithstanding, Foremaster says the NSAP tour give him a much better understanding of the operational Navy side of the house. "You learn to really appreciate the sacrifices Navy families make and the challenges the operational people face. You learn a lot about how they live and do business as opposed to what we do in the labs," Mel noted.

Barb and Mel note their children adjusted very well. While Kimberly was unhappy the first year, she seemed to really enjoy Japan the second year. "She could find her way around better than I could,"

California freeway driving will never seem the same!

commented Barb. Scott also enjoyed getting out and about in Japan, but was ready to return to California and his friends here.

Mel is back in Japan now, for the final month of his tour. A China Laker since 1971, Foremaster recommends an NSAP tour for anyone who really wants a better understanding of the operational end of the Navy. "My experience benefits the Navy all the way around," he commented. With an NSAP advisor on board, the fleet staff people gain a better understanding of what Navy laboratories can do for them. And, on the flip side, advisors get a close look at operational requirements and an appreciation for life with the fleet.

Foremaster said he encourages anyone interested in this program to talk to Bob Byrne in the Systems Engineering Department who is the current NSAP coordinator at NWC. Foremaster will also be glad to talk about his experiences with anyone who would like more information on the NSAP role.

The two years not only gave Foremaster the experience and background he wanted, but it provided him a chance to take his family to the Orient, something he's wanted to do since serving in the Navy himself and visiting that part of the world.

While there is a lot the Foremaster family will miss about Japan and the Orient, none of them will miss Japanese freeway traffic. It took them more than five hours to drive 80 miles to the airport their last trip. After the horrendous congestion and driving on the otherside of the road for two years, Foremaster says nothing California can throw at him in terms of traffic will seem significant for a long time come.

Personnel News & Notes



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 Friday, one week after the opening date of the announcement, unless otherwise specified. Applications received after 4:30 p.m. on the closing date will not be considered. 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.

No. 31-060, Interdisciplinary, General/Mechanical/Aerospace Engineer/Physicist/Operations Research Analyst/Mathematician/Computer Scientist, DP-801/830/861/1310/1515/1520/1550-2/3/4, Code 3181. This position is located within the Simulation and Mission Effectiveness Section, Code 31813 in the Analysis Branch of the Survivability and Lethality Division of the Aircraft Weapons Integration Department. The branch is responsible for supporting the NWC Cruise Missile Project Office in the areas of survivability analyses and design for the TOMAHAWK, Sea Launched Cruise Missile (SLCM) and the Advanced Sea Launched Cruise Missile (ASLCM). The incumbent will interface with the local project office and with the NAVAIRSYSCOM program offices, appropriate intelligence agencies, other government laboratories and contractors. Incumbent will participate in an analysis

and Lethality Division, Aircraft Weapons Integration Department. The NAVWPNCEN is the Navy's lead laboratory for air combat survivability, which is recognized as a primary force multiplier and one of the top three elements in importance to the services for future weapons systems acquisition. Survivability analysis requirements have been steadily growing and are anticipated to increase dramatically over the next several years. The Analysis Branch is staffing up to support several advanced aircraft and weapons programs with survivability and lethality analyses, providing mission and system effectiveness studies and system design tradeoff studies for major advanced weapon systems and aircraft. Tasks involve planning, susceptibility analyses (including low observable technology, simulation of threat SAM and gun systems, acquisition systems, fuzing, warheads), vulnerability analyses, system survivability and mission effectiveness analysis, presentation of results to sponsors and program documentation. **Job Relevant Criteria:** Knowledge of analysis techniques used to assess systems effectiveness, foreign threat weapon systems (detection, tracking and engagement capabilities), countermeasures and EW system effectiveness simulation techniques and endgame analysis. Promotion potential to DP-4, but not guaranteed.

No. 31-062, Electronic Technician, DT-856-1, Code 3145. The Branch is responsible for providing flight test engineering and airborne instrumentation support for the F/A-18 tactical aircraft. Incumbent for this position will assist and/or provide direct support to engineering in the design, fabrication, modification and post installation maintenance/repair of tactical aircraft instrumentation systems. **Job Relevant Criteria:** Ability to maintain, calibrate and troubleshoot electronic equipment; Ability to develop and interpret schematics and engineering drawings; Knowledge of digital and analog circuits design; Ability to use electronic test equipment. Promotion potential to DT-3, but not guaranteed.

No. 31-063, Trainee Position, Security Clerk, DG-303-1/2, Code 3107. This Upward Mobility position provides an opportunity for the employee to gain training and education to qualify for and perform duties as a Security Specialist. The target position is a Security Clerk, DG-303-2 in Code 30. Promotion Potential is Security Specialist, DA-080-3. Duties include performing the security specialist functions for the F/A-18 Program Office. The training portion of this position will involve specialized on-the-job training and formal classroom training in security disciplines including: Information security, physical security, operational security, personnel security and communications security. The position will require some travel and coordination with sponsor and contractor security personnel. As the security function is learned, duties will be expanded to include more direct participation in the Security Specialist area. Functions allowing progression to Security Specialist. **Job Relevant Criteria:** Ability to communicate orally; ability to deal with people at various levels. The incumbent must be able to secure and maintain a Top Secret clearance based on a Special Background Investigation. Eligibility: NWC employees DA/DS/DT-2, DG-4, GS/WG-9 or equivalent and below, who are eligible for reassignment or change to

lower grade to the trainee position. A supervisory appraisal form (NAVWPNCEN 12335/4) is required. You may pick up this form in the Personnel Building, Room 100.

No. 34-020, Technical Information Specialist, DA-1412-1, Code 3433. This position is in the Technical Services Branch of the Library Division. The incumbent provides professional support for the acquisition of library materials and catalogs books for the Technical Library and the Center Library. The duties include responsibility for the acquisition of the Continuous Purchase file, cataloging, performing studies, and analyzing data. Experience with the Macintosh and other personal computers for word processing, spread sheets, and on-line bibliographic searching is desirable. **Job Relevant Criteria:** Ability to communicate effectively both orally and in writing; ability to perform manual and on-line research; knowledge of library processes and procedures, Library of Congress cataloging rules, Dewey cataloging rules, MARC formats and RLIN cataloging procedures; knowledge of bibliographic acquisitions sources and methods; and knowledge of NWC procurement guidelines. Promotion potential to DA-2, but not guaranteed.

No. 36-034, Supervisory Interdisciplinary (Materials/Mechanical Engineer/Physicist/Chemist/Metallurgist), DP-806/830/1310/1320/1321-3/4, Code 3647. This position is located in the Materials Engineering Branch, Engineering & Production Processes Division, Engineering Department. The Branch is responsible for materials and processes production support to all Center projects; fleet support and failure analysis; R&D of materials and processes for weapons applications; materials characterization and testing; prototype manufacture of composite material components for Center development programs. In addition to supervisory duties, incumbent performs technical studies related to materials and manufacturing processes. **Job Relevant Criteria:** Knowledge of materials engineering concepts, including familiarity with materials test, characterization and manufacturing equipment and procedures; knowledge of and a willingness to support NWC EEO program goals and objectives; ability to communicate both orally and in writing. The incumbent may be required to serve a one year supervisory probationary period. Promotion potential to DP-4 but is not guaranteed. Status eligibles may apply. 7/7/89 to 7/14/89

No. 38-005, Clerk Typist, DG-322-1/2, Code 3802. This position is located in the Research Department Office. Incumbent provides support to the Head of Staff and serves as receptionist to Department visitors. Incumbent acts as Department CCP, personnel clerk and also assists Department secretary with clerical duties. Knowledge of Macintosh Computer System is desirable. Good grammar, spelling and proofing skills required. Secret clearance required. Promotion potential to DG-2, but not guaranteed.

No. 62-052, General/Electronic Engineer, DP-801/855-2/3, Code 6232. This position is located in the RF Targets Branch of the Instrumentation Systems Division of the Range Department. The incumbent will provide systems engineering for RF Targets utilized for missile testing on NAVWPNCEN's North Ranges. The duties will include analyzing RF and Digital radar systems for performance

characterization, development requirements and failure analysis. The incumbent will be senior technical advisor to Project Office, Range Department, sponsor for performance of existing targets and requirements for new systems and reviews contractor activities for technical performance in development and maintenance areas. Anti-Radiation Missile background is desired, but not required. **Job Relevant Criteria:** Ability to communicate well orally. Ability to communicate in writing. Ability to deal effectively with all levels of personnel on Center, sponsors within the Navy and Air Force, and contractors.

Reassignment opportunities

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

No. 31-056, Interdisciplinary, Electronics Engineer, Physicist, Computer Scientist, Mathematician DP-855/1310/1550/1520-2/3, Code 3159. This position is located in the Systems Engineering Branch, Targeting and Fire Control Division, Aircraft Weapons Integration Department. Incumbent will monitor, evaluate and report on contractor development of new software for Targeting, Navigation and IRST FLIR systems. Duties would include travel to the contractor location to review software design and documentation and to observe system testing. Duties would also include providing input into the development of lab facilities at NWC to support these FLIR systems. Understanding of the development and testing of embedded real-time software is required (FLIR systems preferred). Understanding of aircraft avionics environment, digital signal processing, Ada, Mil-Std-1705A and Mil-Std-2167 are preferred but not required. To apply, please send an updated SF-171 to Dale Billings, Code 3159, NWC Ext. 3588

No. 31-057, Interdisciplinary, Electronics Engineer, Physicist, Computer Scientist, Mathematician DP-855/1310/1550/1520-2/3, Code 3159. This position is located in the Systems Engineering Branch, Targeting and Fire Control Division, Aircraft Weapons Integration Department. Incumbent will perform software engineering activity pertaining to the development of tactical airborne electro-optical systems. Responsibilities also include analysis, design, development and testing of a real-time (Continued on Page 16)

Lunch Buffet - \$5.95

<p>Monday Gnocchi w/Alfredo Fungi Penne w/Sausage & Mushroom Sauce Stuffed Pepper Arrancini - Fritti Peas & Pearl Onions</p>	<p>Tuesday Chicken Cannellonis Oven Roast Potato Broccoli & Cauliflower Baked Zitti Spag w/Caronara Tortellini Pesto</p>	<p>Wednesday Pork Arista Al Forno Whipped Potatoes Linguini Marinara Fusilli w/Primavera Tortellini Pesto</p>	<p>Thursday Sausage Drummets Rice & Garbanzos Mixed Vegetables Tortellini w/Demi Glaze Fettuccini - Pomodoro Cornette - Alfredo</p>	<p>Friday Baked Snapper Risotto Milanese Eggplant Parmesan Ratatule Gnocchi Marinara Tomato Linguini Alfredo</p>
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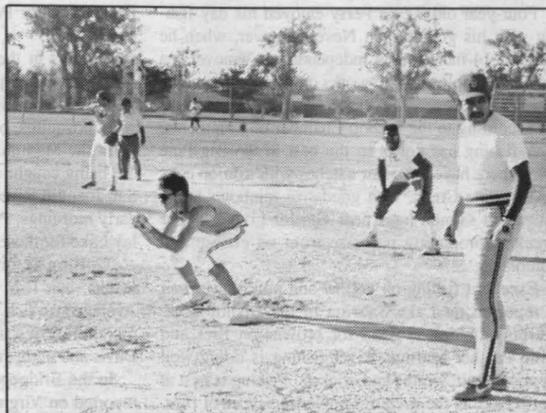
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Undefeated team takes home first place trophy OPS trounce FIRST TO FIGHT in championship softball game 19-6



NO HURRY--At left, FIRST TO FIGHT's first baseman, and the first base coach, Fred Juarez watch the ball as OPS' Dennis Love easily reaches first base.



CAN'T GET ME--At right, OPS' Dwight Ball taunts the FIRST TO FIGHT players after he reaches base safely.



Photos by PHAN Cary Brady

Story by Peggy Shoaf

UNDEFEATED--Members of the Intramural Softball team OPS, watch as Michelle Martin, gymnasium manager, Morale, Welfare & Recreation Division, congratulates their team captain, Leon Hillewaert, for winning the league's first place trophy, as well as winning all their games. Team members are left to right (bottom row) Michael McGhehey, Michael Bumberger, Mark Stivers, Dwight Ball, Dennis Love, (top row) Steve Magee, Fernando Juarez, Ralph Palumbo, Mark Heumann, Tony Byrckett and Fran Godat. Members not shown are Brian Nation, Jason Langston and Danny Persianti.

There was no contest in the Intramural Softball championship game held at Schoeffel Field on Wednesday, June 28. The number one team, OPS, secured its undefeated win by beating FIRST TO FIGHT 19 to 6.

OPS started the game off with five runs in the first inning, compared to only three runs from FIRST TO FIGHT. The second inning saw four more runs added to the first place team's total while their opponents only scored one run. Neither team scored in the third inning, but OPS ran away with the ball in the fourth inning by scoring a total of six runs, making their score 15; FIRST TO FIGHT couldn't secure a run. The final inning told the same story. The champions added another four runs, while FIRST TO FIGHT only added two.

The final standings for the rest of the Intramural Softball League teams were: VX-5 SMITH'S TEAM and VX-5 WARD'S TEAM tied for second place with six wins and six losses. Wednesday's loss put FIRST TO FIGHT into a tie with MEDICAL for third place. Each team sported six wins and seven losses. G.S.E. CLIPPERS and VX-5 MCLELLAN'S TEAM tied for last place with four wins and nine losses.

Rewards come in many forms. Hard work and perseverance pay off in promotions or special awards.

Not a week goes by when someone at NWC or its tenant activities is not rewarded. We are a Center known for innovation, intelligence and dedication. To all high achievers.... congratulations for a job well done.



A FINE MESS--Food service personnel of the NWC Galley were recently awarded for maintaining an outstanding dining facility. As semifinalists in the 1989 Ney Memorial Awards Program, the group joins an elite roster of Navy messes.



PROUD DAUGHTER--Peggy places shoulder boards on her father, Ensign Michael Fahrenhorst at his commissioning ceremony last week. The Explosives Ordnance Disposal (EOD) technician leaves behind Chief Petty Officer status as he departs the China Lake EOD detachment to join EOD Mobile Unit 9 at Naval Station Mare Island, Vallejo Cal. Looking on are LCdr. Richard Kiser (far left), detachment commander, and Fahrenhorst's girlfriend, Staci Stewart. Photo by PHAN Cary Brady.



Galley crew applauded for meritorious service

Delivered with pleasure by Capt. John Burt, NWC Commander, the Ney Memorial Award for meritorious operation of a Navy general mess was presented at an informal staff gathering at the NWC galley recently.

The award is named for Captain Edward F. Ney and sponsored by the International Food Service Executives Association.

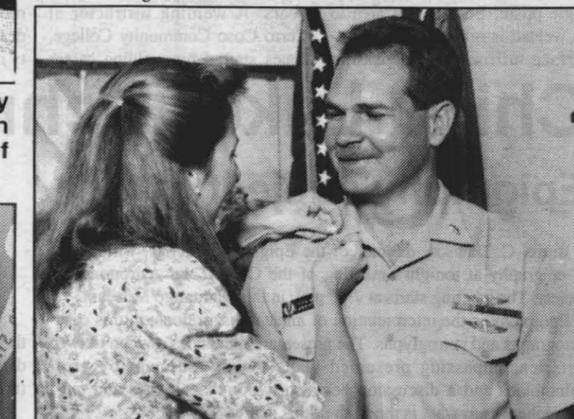
Endorsed by the Commanding Officer, Navy Food Service Systems Office (NFSO) and the Commander, Space and Naval Warfare Systems Command (SPAWAR), the award certificate and accompanying letters recognized NWC's significant achievement in being a semifinalist in

the 1989 Ney Memorial Awards Program.

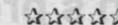
"Through professional management, competitive spirit, team effort and command interest, your general mess joins an elite group from among the more than 680 general messes in the Navy," penned the NFSO commanding officer.

RAdm. John Weaver, Commander of SPAWAR, commended "the expertise, superior professional skills, and enthusiasm of your Mess Management Specialists in the performance of their duties."

Lt. JG Lynn Okamoto, Food Service Officer and Galley Manager, accepted the award in behalf of the crew.



MOVING UP--Steve Moll, associate head, Recovery Systems Division, was frocked to Lieutenant Commander on June 9. A special friend pinned gold leaves where lieutenant bars used to be. LCdr. Moll is a Physiologist with the Aerosystems Department. Photo by PHAN Cary Brady.



ADVANCING TROOPS--These NWC enlisted personnel are being addressed by Capt. Robert Dropp, Commanding Officer, on the occasion of their frocking to the next higher rate--in this case first and second class.



Local welder featured in national publication

Bringing a touch of magic to the art of welding is only one of Gerald Jones' many accomplishments during his long career.

The June issue of *Welding Journal* featured an article on Jones and his optical inventions which help welders complete their tasks in hard-to-see locations.

For example, the Magic-Scope projects an image at a 90 degree angle into a viewing prism allowing the welder to 'see' the area.

Double images are not a problem with the Magic Scope and the images as seen are not backwards because they are reflected through an aluminized right-angle prism. Because the area to be welded is reflected off a first-surface mirror without passing

through glass, light loss and secondary refraction are minimized.

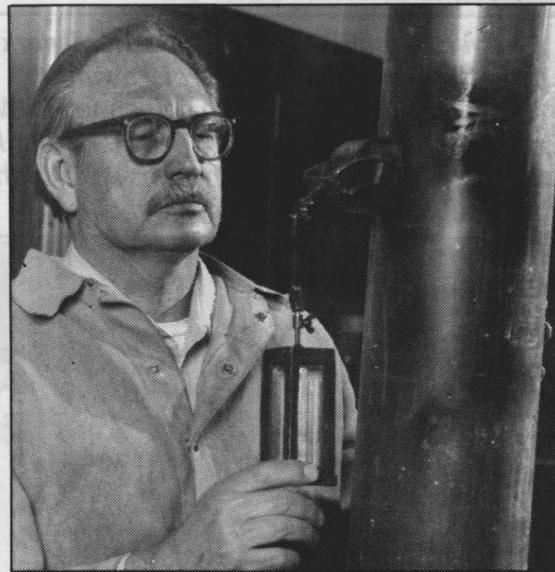
He also invented a welding mirror which is a first-surface mirror attached to a 360-degree all angle, ball point swivel. The swivel is fitted to a magnet or to a vise grip for attachment to the workpiece. This device has been successfully used to weld on the blind side of pipes and flanges. The welder's right-angle prism is also fitted to a similar swivel and has proven to work well in tight spots where the welder's view is obstructed by objects.

Jones, a welder in the Metal Shop of the Public Works Department, has worked at NWC for 17 years. A welding instructor at Cerro Coso Community College, Jones started his welding career

in 1948 with the U.S. Navy as a welder/diver. He has completed the Sparling School of Deep Sea Diving, Hobart School of Welding and the Milwaukee School of Engineering.

His training and experiences prepared him for a variety of jobs. From 1953-1960, he worked in the South Seas on projects relating to the atomic bomb. He began his work on visual aids for welding while assigned to the Naval Shipyards in Long Beach.

"Because the *Welding Journal* is written by, about and for my peers in the welding industry, the article was particularly important to me," said Jones. "My main motivation for inventing these devices is the old adage, 'Necessity is the Mother of Invention.'"



NEW POINT OF VIEW--Gerald Jones of the Public Works Metal Shop demonstrates his invention--an optical device which helps welders complete their tasks in hard-to-see places. Photo by John Dunker.

China Lake Technical Societies

Epigraphy subject of talk

Burrel C. Dawson, director of the Epigraphic Society, will speak on epigraphy at tonight's meeting of the China Lake Astronomical Society. The meeting starts at 7:30 p.m. in the Maturango Museum.

Epigraphy is the interpretation of ancient inscriptions, in this case pictographs and petroglyphs. The presentation includes a video in two parts, encompassing presumed visits to out continent by pre-Columbians and a discussion between two archaeologists and two epigraphers as to what is the truth of this matter.

This lecture is co-sponsored by the Maturango Museum.

Two presentations set to show a few Data General Corporation's products

On Thursday, July 13, Data General Corporation will hold a briefing for NWC on their new Motorola 88000 RISC products. There will be two presentations on Thursday, one at 9 a.m. and the other at 1 p.m., both of which will run approximately two hours. The briefings will be held at the old NCO Club. The presentation will cover Unix, 88K workstations, 88K hardware platform and Data General's Industry Standard Strategy (OSI, etc.). This will be an excellent opportunity to talk with Data General's Federal marketing team regarding their RISC-based products. For more information, please call Ron Backman, Code 2721, at NWC ext. 2078 or 3257.

Publication views Washington DC

U.S. Department of the Interior, through Government Publications, offers *Washington, D.C.*, 176 pages of color and illustrations to interested travelers.

Washington is a city of monuments and imposing buildings. It was laid out to be a city of grandeur; but it has miraculously kept a human scale. In this, it

represents the politics of a Nation in which the ordinary people are the source of power and have the final say.

If interested in this publication, send \$5.00 to Superintendent of Documents, Washington, DC 20402-9325; to order with Visa or MasterCard, phone (202) 783-3238.



Meeting place changes Mac users are invited to attend

Want to learn about E-mail alternatives on the Macintosh? Come to the July meeting of the NWC Macintosh Users Group, to be held Monday at 2:30 p.m. in the old Non-Commission Officers' Club building (now known as the Conference Center).

The meeting is being coordinated by Dave Morton, Communications and Information Systems Manager for the Product Assurance Division, Code 368.

Attendees will also have an opportunity to share Macintosh tips and problems and to "network" with other Mac users. Free software will be available to anyone bringing a blank, formatted 800-k floppy disk.

SAME meets tomorrow

Sherry Neuman, Ridgecrest Community development director, will present a slide presentation entitled "FORUM 2000--Ridgecrest General Development Plan" at the next meeting of the China Lake Post, Society of American Military Engineers (SAME).

The public is invited to this meeting, slated for 11:30 a.m. on July 11 at El Charro Avitia Restaurant. The presentation will address the update of the current general development plan elements. Reservations are required and may be made by calling Kay Williams at NWC ext. 3411/366 or Sam J. Miller at NWC ext. 3411/213 no later than Monday, July 10.

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Meeting set for Sunday

This Sunday, July 9, the next meeting of Chapter 2274, American Association of Retired People, will be held at 1 p.m. in the Ridgecrest Senior Center, 125 S. Warner St.

The meeting will commence with the usual potluck. Although business matters are not usually discussed at the July and August meetings, the ice cream social in August will be on the agenda.

The speaker for the meeting is Pat Farris. She will speak on Women of the 1990s.

The Chapter's women should be interested for themselves, their daughters and their granddaughters while the men should be interested in how they will fit into the picture.

Fishing slow in Big Pine, better in other Eastern Sierra spots

Four-year old Kevin Perry enjoyed his day fishing with his grandfather, Nevel Vanover, when he caught a 14-inch trout at Independence. Vanover is a Comarco employee who works on-Center.

According to the Bishop Chamber of Commerce, river fishing has not been the best in the Big Pine area. There have been fair catches with salmon eggs on Big Pine Creek, with good-size rainbows being caught on salmon eggs near Glacier Lodge. Baker Creek is producing pan-size trout on cheese and salmon eggs.

Excellent fishing on yellow and pink power bait is reported on Lake Sabrina in the Bishop area. Morning fishing is good for browns on flies and some Panther Martins. River fishing is doing well on power bait, worms and crickets. Fishing is best at North Lake in the evenings on various types of flies. Intake 2 is releasing nice size catches on flies or power bait.

In the Rock Creek Lake area, lots of limits are being caught from Rock Creek Lake with power bait, rooster tails and salmon eggs. Worms and salmon eggs are the best bet on Rock Creek.

Fishing is great, with lots of limits in the Crowley Lake area. Good size trout are being caught by still fishing with crawlers on McGee and Hilton Bay. Lots of Sacramento Perch are being caught

from Alligator Points on yellow or purple crappy jigs.

Streams in the Lone Pine area have been good for those using power bait and salmon eggs. Fly fishing is good in the morning and early evening with mosquitos, black knats and grey hackle yellow.

In the Mammoth Lakes area, up to 3-lb. browns are being caught in the Upper Lakes on power bait. San Joaquin River in Devils Postpile is great in the early mornings. Perch action is being seen at Crowley Lake for those using orange power bait.

Trolling is only fair on June Lake. For best results, bait fish with pink and yellow power bait. Average size fish is 8-15 inches, 2-3 lbs. Worms and marshmallows, trolling flies, hornburg or Dave Davis and night crawlers are best on Silver Lake.

In the Bridgeport area, excellent fishing is being reported on Virginia Lake and Virginia Creek. During the day, spinners and lures are best for catching brooks, browns and rainbows. Fly and a bubble is best for evenings. The lower section of Virginia Creek, near Dogtown, has excellent fishing. Experienced fishermen might want to try out Green Creek, which has clear water conditions, but high flows. Flies and small lures are the best bet. Robinson and Twin lakes are both doing well on bait lures or flies, producing mostly pan-size rainbows with an occasional 2-4 lb. rainbow.

Variety of events open for military

According to Morale, Welfare & Recreation, Sports Section, the following events are scheduled in the near future; these events are open to active duty military personnel only.

- Men's Tennis --NAS Miramar, Aug. 25-27
- Men's & Women's Swimming & Diving -- Naval Station San Diego, Aug. 3-4
- Horseshoe Championships -- Naval Station San Diego, Aug. 28-Sept. 1
- Chess Tournament -- Naval Hospital San Diego, July 17-21
- Women's Softball -- Naval Station Long Beach, July 15-16
- Men's Softball -- Point Mugu, July 15
- Men's Golf -- NAS North Island, July 17-21
- Women's Golf -- NAS North Island, July 17-21
- Skeet & Trap Championships -- NAS Miramar, Sept. 18-20
- Men's & Women's Triathlon -- Naval Sub Base San Diego, Aug. 19

For further information on how to enter these events, contact the athletic director, Mike Slobodnik, NWC ext. 6542.

Scorpions collect cans, bottles to raise money

To raise funds for a planned 1990 trip to Australia, the Scorpion Soccer Club will be collecting aluminum cans and recyclable plastic bottles. Players will collect the cans and bottles tomorrow, July 8, from 9 a.m. till noon.

Those wishing to make a donation of their recyclables at another time, can make arrangements by calling 375-5686.

Strike Zone has wide selection

When hunger strikes, the "Strike Zone" can help. For lunch, dinner or just a snack, the "Strike Zone," located at Hall Memorial Lanes, offers a wide selection of sandwiches, burgers, fries, chips and drinks.

The "Strike Zone" is open: Monday thru Thursday, 11 a.m. to 9 p.m.; Friday, 11 a.m. to 11 p.m.; Saturday, 10 a.m. to 11 p.m.; Sunday, noon to 9 p.m.; and on holidays, from 1 to 9 p.m.

Interested parties should attend Meetings set for intramural sports Flag Football

On Wednesday, July 26, an organizational meeting for the Intramural Flag Football League will be held at 4:30 p.m. in the Morale, Welfare & Recreation Conference Room in Building 21 (next door to the gym).

League rules and roster requirements will be discussed at this time. Flag football is open to all military, DOD and private citizens over the age of 18. Coaches and managers sponsoring a team should attend this meeting.

For more information, please call NWC ext. 6542.

Fall Softball

On Wednesday, Aug. 2, an organizational meeting for the Fall Intramural Softball League will be held in the Morale, Welfare & Recreation Conference Room in Building 21 (next door to the gym). The meeting will begin at 4:30 p.m.

League rules and roster requirements will be discussed at this time. Fall softball is open to all military and DOD personnel over 18 years old. All coaches and managers sponsoring a team should attend this meeting.

For further information, please call NWC ext. 6542.



Sports

MID YEAR JOB FAIR
AEROSPACE SHOW

AEROTECH EXPO 89

Largest Aerotech Job Fair Ever!
Saturday, July 15, - 10a.m. - 4p.m.
Antelope Valley Fairgrounds
155 East Avenue I, Lancaster

Meet with representatives from many companies including:

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Lockheed ☆ CSC ☆ Aerotest
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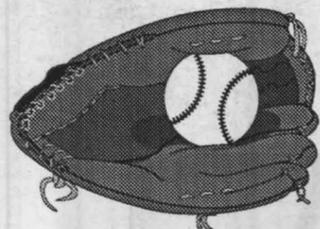
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Plans are in high gear for pending All Star tournaments

Mustang and Bronco games to be played at China Lake

Plans are in high gear for the upcoming Pony Baseball All Star Tournaments. Teams from the Indian Wells Valley, Palmdale, Lake Los Angeles, Quartz Hill and Searles Valley will soon compete for the Number 1 slot.

Extra traffic and large crowds are expected on-Center when the Mustang (ages 9-10) and Bronco (ages 11-12) divisions compete for the championship on the baseball fields at China Lake the week of July 17.

Palmdale and the Indians Wells Valley All Stars (Mustang and Bronco divisions) will start off the series in Game 1 at 6 p.m. Lake Los Angeles and Searles Valley All Stars will lock horns in Game 2 of the series starting at 6 p.m. on the 18th.

The losers of games 1 and 2 will go head to head in Game 3 on July 19, while the winners will battle it out in Game 4 on July 20. Both games begin at 6 p.m.

With one loss apiece, the winners of Game 3 and the losers of Game 4 will try to knock their opponents out of further competition starting at 6 p.m. on July 21 in Game 5.

Starting at 4 p.m. (Mustang Division) and 5 p.m. (Bronco Division), the winners of Game 4 will compete with the winners of Game 5 in the sixth game of the series for the championship on July 22. If necessary, Game 7, a playoff game, will be played at 7 p.m. (Mustang) and 8 p.m. (Bronco) that same day.

The Pony Division has been divided into two All Star teams, a 13-year old level and a 14-year old level.

The two levels have the same round-robin type schedule as the Mustang and Bronco teams, with each game beginning at 6 p.m..

The 13-year old level of the Indian Wells Valley All Stars starts play against Palmdale in the second game of the series on July 11 at Palmdale High School's baseball fields (Palmdale Ave. & 20th Street, Palmdale).

The 14-year old level also begins its play in the second game of the series against Palmdale on July 18 at the Lancaster High School Field in Lancaster.

Colt (ages 15-16) Division action begins at 5 p.m. against Lake Los Angeles on July 11 at

Lake Los Angeles. Directions to Lake Los Angeles are: from Palmdale, get on Palmdale Blvd. and go east to 70th Street. Turn left on 70th, the baseball fields are on the corner of 70th Street and Avenue O.

According to Bill Neider, Pony Baseball League's district director for this section, starting times are subject to change.

Indian Wells Valley Mustang All Stars are Chris DiDomenico, Aaron Frannich, Matt Lubbes, Ian Lehis, John Read, Pat Ross, George Hernandez, Jeremy Jones, Richard Tamez, Chris Branson, Kevin Cornett, David Hammond, Kevin Martin, Willie Raymond and Neild Underwood. Alternates are Aaron Booth, Brad Seavey and Daniel Anthony. Manager Rick Tamex and coaches Skip Williams and John Martin have been busy donating their time and efforts in helping the team practice for the past few weeks.

Indians Wells Valley Bronco All Stars are Chuck Rouland, Brian Hire, Donnie Goepfinger, Brian Beecroft, Jeff Brown, Tony Haleman, Branson Lilly, Jessie Jones, Howard Morton, Joel

Sigla, Mona Sevetassi, Chris Williams, Jed Donaldson, Issac Curran and Jean Paul Escallier. Dalton Mann, manager, and coaches Chris Lilly and Bob Beecroft have been busy getting their team into shape in the hopes of being Number 1.

Indian Wells Valley 13-year old level Pony Division All Stars are Justin Bulgarli, Paul Giraud, Jason Griffin, Marvin Guerrero, Tom Haleman, Preston Hammon, Curtis Johnson, Vincent Keck, Damon Kelling, Ross Lyons, Albert Mendoza, Josh Moorhead, Rod Nutter, Liautaud Prince and Chris Shoaf. Manager Jon Gibby and coaches Floyd Shoaf and Mike Broaker have been working with their team for the past couple of weeks.

Indian Wells Valley 14-year old level Pony Division All Stars are David Arndal, Darrell Eddins, Sean Gilbreath, Tony Good, Fernando Hernandez, Marco Leiva, David Loya, Jason Macellaro, Gilbert Garza, Michael Mayhugh, Herbie Morton, Scott Ross, Jeremy Salter and Scott Seraetasi. Plans are to practice every night until their first game, noted Manager Tony Scanlon and coaches

Stan Harding and John Salter.

Youth nominated for the Indian Wells Valley Colt Division All Stars are Jacob Albers, Brian Barker, Mike Cheever, Cory Dabbs, James Dawson, Able and Sergio Hernandez, Matt Pole, Pat Gilbreath, Danny Mather, Brad Bays, Chris Brown, Brian Mather, Rusty Ricker, Mark Willard, Derek Erthal, Jeremy Hollingsworth and Nick Wallace. Of the 18 nominees, only 15 can be chosen for the All Stars. The team manager is Mike Egge and the coaches are Mike Albers and Marshal Cheever.

"Community involvement is very important in these type of games," noted Neider. "I urge everyone to come out and support the valley's All Stars, whether the games are in Ridgecrest or away."



Learn the proper way to roller skate at the NWC Youth Center

Roller skating instruction is now being offered at the NWC Youth Center, announced Steve Boothe, head of Youth Activities, Morale, Welfare and Recreation Division.

Children (no younger than five) through adults can now learn a new way to have fun, as well as exercise that important muscle, the heart.

The classes will be taught by local skater Annette Spencer, a former roller skating competitor, who competed from 1980 to 1984 in dance, figures and

freestyle. Spencer has been teaching professionally since 1985, and is nationally certified by the Society of Roller Skating Teachers of America (SRSTA). All three types of skating, for all levels of ability, will be taught.

Sign-ups start July 10-27 for the following classes:

- July 29-Aug. 19, Saturdays, 10 to 11 a.m., Intermediate A.
- July 29-Aug. 19, Saturdays, 11 a.m. to 12 noon, Intermediate B.
- July 29-Aug. 19, Saturdays, 5 to 6 p.m., Beginning Adult.
- July 30-Aug. 20, Sundays, 11 a.m. to 12 noon, Advanced A.
- July 30-Aug. 20, Sundays, 5 to 6 p.m., Beginning A.
- July 30-Aug. 20, Sundays, 6 to 7 p.m., Beginning A Adults.

Fees for the monthly class are \$27 for private citizens (contractors and non-DOD employees, \$25 for DOD employees and \$23 for military personnel and dependents.

For more information, please call the Youth Center at NWC ext. 2909.



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Community Events

Why not take a fascinating tour of Arizona's southwest in conjunction with the Maturango Museum? From September 8-16, the group will visit the beautiful Canyon de Chelle...drive deep into the Canyon on the dry river bed...see archeological sites in pristine condition under gigantic rock overhangs...visit Mummy Cave and White House Ruin. In addition, the tour will include a day among the contemporary Hopi, who carry on many of the traditions of the ancient Anasazi. To schedule your chartered bus trip, call Elva Younkin at 375-6900 or Travel-bug Int. at 1-800-247-1900, as soon as possible, since this trip may soon open up to other groups.

Tomorrow, the China Lake Players will hold their bi-annual general meeting at 1445 S. McCall St. The meeting will begin at 5 p.m. and a potluck dinner will follow at 6 p.m. For further information, contact Art or Terrie Owens at 375-9385.

In July of last year, Marla and Bill McBride joined a group of six other hikers to explore some of the more remote mountain routes of Switzerland. They spent one week hiking out of the village of Lenk, then moved to another base hotel in Rigi-Kaltbad, a village overlooking Lake Lucerne that was off limits to motorized vehicles. From there, they completed a morning hike to the top of Mt. Rigi to watch the sunrise -- a feat made famous by Mark Twain in his book *A Tramp Abroad*. Learn about Switzerland as the McBrides talk about their trip on Tuesday, July 11, at 7:30 p.m.

July 10-12 have been selected as tryout dates for *Ain't Misbehavin'*, the third show of CLOTA's (Community Light Opera and Theatre Association) all-musical 1989 season. Auditions begin at 6:30 p.m. each night in the CLOTA Building at 1425 Inyo. Because the show is virtually all music, Reno Venturi, director, asks auditioners to prepare a vocal number -- preferably in a style embraced by the range of songs composed or performed by Fats Waller, i.e., the earthy jazz of the 1920s, torchy blues that typified the 30s or the driving swing beat of the wartime 40s. Tryouts will also involve a simple dance combination under the guidance of choreographers Grace Wooding and Tricia Siegel. Perusal copies of *Ain't Misbehavin's* score have been placed at the Kern County and NWC's libraries. Performances will take place on Sept. 15, 16, 22 and 23. For more information, call 375-6387.

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CLPL's gas station will soon close for repairs

China Lake Propulsion Lab's gas station will be closing for an extended period of time to allow for repairs and renovation of the fuel dispensing equipment. When the presently stocked fuel at CLPL is dispensed, the station will be closed. This should occur on approximately Aug. 15.

Those people who normally obtain fuel at the

CLPL station can use either the station located in front of Public Works, the one located at IOB, or the one at NAF.

Anyone who has any questions regarding the closure, should contact Nancy Rodgick or Vicki McEnteein, Public Works, at NWC ext. 1143 or 1205 (Code 2671).

Save money and shop at museum's gift shop sale

From July 14 thru 16, the summer Gift Shop Sale at Maturango Museum will open to the public with prices at a twenty percent discount for members, ten percent discount for non-members and a special thirty percent-off table. July 13 will be a preview sale day for members only.

The museum offers an array of unique jewelry, indian and local craft items, books on California

place names, roadside geology, desert travel, wild flowers, trees shrubs, California mammals and more. The children's area is now stocked with new coloring books and wildlife books from insects to dinosaurs.

The Museum Gift Shop is open daily between the hours of 10:00 a.m. and 5:00 p.m. For further information, call 375-6900.

Social set for Tuesday, July 18

On Tuesday, July 18, the 38th Annual Ice Cream Social will be held on the East Wing lawn of the All Faith Chapel. The Protestant Women of the All Faith Chapel-sponsored event will be from 6 to 8:30 p.m.

Tickets are \$3 for adults and

\$1.25 for children 11 and under and are available after Sunday worship services, at the Chapel office or at the door.

Fun activities will also be available which will require tickets at 25 cents a piece.



	Max	Min	Gusts
Thurs.	94	59	30 knots
Fri.	96	56	28 knots
Sat.	--	--	-- knots
Sun.	--	--	-- knots
Mon.	--	--	-- knots
Tues.	--	--	-- knots
Wed.	112	65	27 knots

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STAGECOACH

Problems were few and coordination good in the first valley-wide disaster preparedness drill conducted in years last Friday morning. Roy Parris, director of Safety and Security at the Naval Weapons Center and the Indian Wells Valley Emergency Services Coordinator, expressed general satisfaction with results of this drill.

Parris noted the leading functions of this particular drill was exercise of emergency medical response plans in Ridgecrest and onboard NWC and communications dealing with establishing an emergency shelter by the American Red Cross.

Little things did go wrong, as expected, during this disaster exercise.

Despite generally good feelings from most of those involved in last week's exercise, lessons will be learned from what didn't happen as it was supposed to.

And there were the little thing that did go wrong:
•Most portable radios didn't work inside the NWC EOC.

•The Branch Medical Clinic experienced some problems with paperwork.

•For a short while, it was thought some victims were lost in the system.

•Seldom-used emergency supplies took longer than desired to find.

•And various communications glitches turned up.

On the whole, however, Parris said he was pleased with the results, noting it had been at least seven years since a similar valley-wide drill had been attempted. The IWV Emergency Services Coordinator, Parris, hopes this is the start of an annual series of drills, testing various aspects of NWC, Ridgecrest and Kern County disaster plans.

Larry Stensaas, NWC disaster preparedness officer, also expressed general satisfaction with the disaster drill. LCdr. Richard Titi, clinic officer-in-charge, joined in the favorable appraisal of the operation last week. He noted the clinic staff was prepared and handled the emergencies very well.

Exercise of the emergency medical response portion of the disaster plans was a vital part of the drill. Coordination between the NWC Branch Medical Clinic and Ridgecrest Community Hospital will be essential in the event of a real disaster.

The drill was seen as a test of coordination and communications in the Indian Wells Valley.

To test that coordination and to exercise response by various emergency groups, about 40 volunteer Boy Scouts from eight area scout troops acted as disaster victims. Some were at Armitage Field onboard

NWC and others staged at Mesquite High School.

As victims, the youths were made up to appear to have severe injuries and each had a card describing symptoms. They were taken from the disaster scene by firefighters or ambulances to a pair of central triage stations for routing by medical personnel.

Victims were taken to NWC's Clinic or Ridgecrest community Hospital.

At NWC's Airfield Fire Station, the victims were tagged for treatment at the clinic or designated to transport to Ridgecrest Community Hospital. Lt. Tom Bowers, a dental officer, led the triage group. He described the duties, which were duplicated by another team at Mesquite High, as sort of a traffic cop for the injured. The hospital corpsmen and the triage officer check victims to see who needed treatment the most and who could wait. They also sorted out those who could not be saved even by prompt medical treatment.

Lt. Bowers noted the situation this time was almost at the optimum. They knew when the drill was coming. They had adequate transportation available and they had the entire triage team on hand. In a real disaster, he noted, it was unlikely there would be readily available ambulances and trucks to haul the victims away for treatment. They wouldn't know what day the disaster would strike and they probably wouldn't

Medical and emergency people sharpened their skills on Friday.

have a full team to deal with the casualties. In addition, Lt. Bowers said it was likely the flow of injured into the triage station would be more rapid and the confusion much greater.

HMC R.D. Nierenhausen, clinic disaster preparedness officer, was responsible for simulating injuries to Boy Scout victims at the airfield. He had worked with the IWV Emergency Services Committee in formulating plans for this exercise. He was aiming for a 10 a.m. completion of triage to the 20 victims he had made up and the last ambulance with the last victim pulled away from the fire station within five minutes of that schedule.

For the medical and emergency services community, the drill gave them a chance to sharpen their skills, to put into practice training they receive during the year and see how their plans handle the simulated disaster.

Lt. Thomas and LCdr. Titi agreed the personnel responded just as they hope they would in a real disaster. Lt. Thomas said his triage team just got into the mindset of a real disaster. To them the injuries and the urgency involved were real.

(Continued on Page 11)

No disaster; drill a success



DIAGNOSIS--Dr. Robert Trafeli (left) and Dr. Charles Dries evaluate a patient brought to the NWC Branch Medical Clinic during the disaster drill.

Photo by PHAN Cary Brady

Just a drill: This time!

(Continued from Page 10)

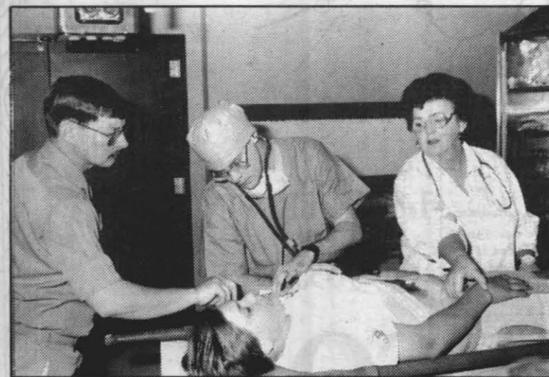
Joining in the effort to make the drill an important training tool were the Indian Wells Valley Search and Rescue Team, China Lake Mountain Rescue, Red Cross volunteers, the Radio Amateur Civil Emergency Service (RACES), Kern County Office of Emergency Services, Ridgecrest Community Hospital, City of Ridgecrest and more. The disaster everyone responded to was a simulated 6.3 earthquake as a result of a severe 8.5 shaker in the Antelope Valley.

The broken arms, the heart attacks, the head injuries, the bleeding victims were all just a simulation. But to Parris and others concerned with disaster preparedness in the Indian Wells Valley, it was an important first step to better preparation. A "lessons learned" session is scheduled today for all organizations who took part in the first step toward that preparation goal.



EMERGENCY TREATMENT--HN Cheryal Peralta (left) and HN Michelle Moss (right) work in the NWC Branch Medical Clinic's operating room under the direction of Dr. Gregory Taylor during the disaster exercise last Friday morning.

They were busy treating on of the numerous victims of this simulated earthquake that hit the Indian Wells Valley.



CLINIC MOBILIZATION--During the simulated disaster, the Branch Medical Clinic put all its people to work. HMC Roddy Peterslei (left) came out of the front office and Joan Gage, R.N. (right) came from the Occupational Health office to assist Dr. Gregory Taylor (center) check over a patient.

Photo by PHAN Cary Brady



DISASTER BRIEFING--Boy Scout victims listen as HMC R.D. Nierenhausen describes how they will be made up to appear injured during last Friday's disaster preparedness exercise.

Photo by PHAN Cary Brady



MORE PATIENTS--Doctors Robert Trafeli and Charles Dries (left) talk about the disaster simulation while HM2 Bill Craig wheels in another victim. Hellen Salisbury (right) is busy recording vital information about this patient. Rescue worker and NWC Branch Medical Clinic personnel in the background were also taking part in the drill.