

Community Events

Area Action

Sai What will be the band at the 10th annual BOSS Ball, which is slated for Saturday, May 18, at the Carriage Inn. A social starts the evening at 6 p.m., followed by dinner at 7 p.m. New officers will be installed and scholarships will be awarded to selectees. Cost is \$30 per person. For more information, call Catherine Rogers at 375-4554.

###

Joseph Adler will present *Researching a Regimental History* at the May 10 meeting of the IWV Genealogical Society. Visitors are invited to attend this 7 p.m. meeting in the Kern County Library. For more information, call 446-3114.

###

Chapter 2274 of the American Association of Retired Persons will have their regular monthly meeting at 1 p.m. on April 14 at the Ridgecrest Senior Center, 125 S. Warner. Lou Burrows, head of the Senior Citizens Information and Referral Office is the guest speaker. A potluck luncheon and business meeting precedes the program.

###

On Saturday, May 11, the Maturango Museum will have a Saturday Adventure Workshop for children ages 8 to 14. Participants will design and make a family crest or coat of arms that reflects their interests and information about their family. For more information, call the museum at 375-6900.

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McQuaig highlights Burroughs' fund-raiser

Scott McQuaig, Bonnie Owens and The Dreams, The Burners and National League umpire/singer Joe West will have the bleachers thumping as they perform at the Burroughs High School football field on Tuesday, May 21. Additional special guests, including professional athletes, are expected to attend.

Prior to the concert, which starts at 7:30 p.m., will be a dinner, starting at 6 p.m. The dinner/concert is to raise money for the boys' and girls' athletic programs at Burroughs High School. Tickets, which are \$15 each, may be purchased at the Burroughs High School Finance Office or from any BHS athletic member or coach.

Children 7 and under are free when accompanied by a ticket-holding parent. If you want a night out, there is free child care for children 2-7 years of age.

For more information, call Huibert Dehaan at 375-7475.

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May 9, 1991

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Weather Report

	Max	Min	Peak Gusts
Wed.	64	51	26
Thurs.	70	44	28
Fri.	76	41	14
Sat.	82	42	--
Sun.	87	42	10
Mon.	89	55	15
Tues.	91	51	15

Airfield loses power May 11

Electric power will be secured at Armitage Field on Saturday, May 11, from 8 a.m. to 12 noon. This outage will include all facilities west of Aviation Blvd. Buildings on the east side of Aviation Blvd. have a separate power source and will not be affected.

Please secure all electrical equipment and computers that could be damaged by this electrical shut-down. Any questions on this should be directed to the airfield facilities manager, Code 61023, NWC ext. 5032.

Chapel honors its secretaries

Eleanor Hartwig, Agnes Winter and Rosemary High are celebrating their 20th anniversary as secretaries in the Naval Weapons Center's All Faith Chapel Office. In celebration of this event, there will be a dinner/dance on Saturday, May 25, at the Kerr McGee Center (100 W. California Ave.).

A social hour will begin this semi-formal event at 6 p.m., followed by dinner at 7 p.m. A special program honoring the three will be held from 8 to 9 p.m. The Burners will provide music for dancing and listening pleasure from 9 to 11 p.m.

Tickets for this event, which cost \$20 per person, must be purchased by May 20 at the NWC All Faith Chapel Office.

Come on out and help honor these three exceptional women. For more information, call Shea Robinson at NWC ext. 3506/3507.

NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLVI, No. 18, May 9, 1991

Special honor accorded Kistler

Twenty-nine years of exemplary service at the Naval Weapons Center brought honor and recognition recently to Dr. Richard E. Kistler, head of the Weapons Planning Group's Strategic Planning Office, when he was presented the Navy Meritorious Civilian Service Award. NWC Commander Capt. Douglas W. Cook presented the award, saying, "It is with great pleasure that I present you with the highest honor I can give as the Commander of the Naval Weapons Center."

"This award is given in recognition of your contributions to the Center over many years of service to the Weapons Planning and Comptroller organizations," read the citation accompanying the award. "Your in-depth technical knowledge of the Center, its way of doing business, and its accomplishments have enabled you to provide extraordinary inputs to the management of the Center."

You have been personally involved with many of the management issues facing the Center over the past 20 years and have

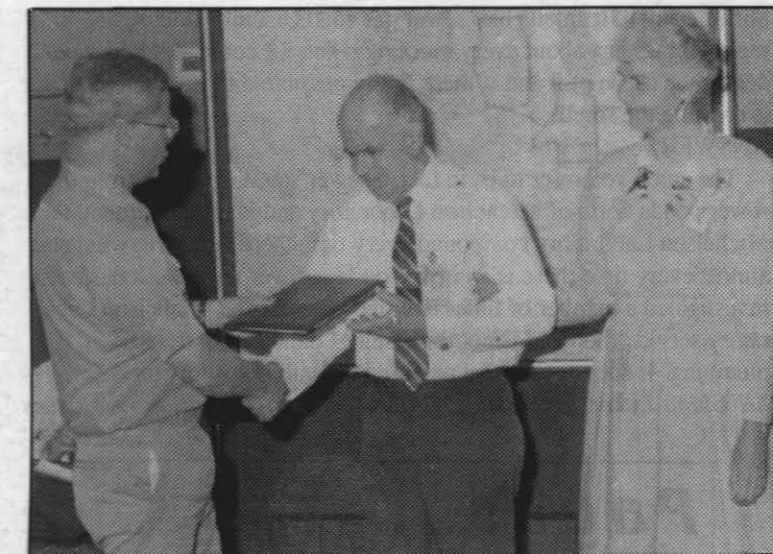
contributed exemplary professional staff support and advice."

Phil Arnold, head of the Weapons Planning Group, recom-

mended Kistler for the award. Kistler's "administrative and management skills and reputation have served the Naval Weapons Center well for many years and have brought recognition and enhanced the reputation of the Center's 'can-do' responsiveness," Arnold noted.

Kistler started his civilian service career at what was then known as the Naval Ordnance Test Station (NOTS) in 1962. For the first eight years, he worked in the Weapons Planning Group. Arnold noted that Kistler's analyses and publications on anti-shipping submarine problems during that time have become classics in the analysis community, the laboratories and in operational commands. It was this work that earned him the Michelson Fellow in Management Award in 1967.

In the early 1970s, Kistler transferred to the comptroller organization and became the (Continued on Page 18)



YEARS OF SERVICE REWARDED -- NWC Commander, Capt. Douglas W. Cook, congratulates Dr. Richard Kistler for receiving the Navy Meritorious Service Award for his many contributions to the Navy, as Kistler's wife, Marianne, looks on.

Cdr. Knight earns fourth commendation

Head of Center's Procurement Department saluted with medal from previous command

For the fourth time in his Navy career, Cdr. Cedric L. Knight, head of the Naval Weapons Center's Procurement Department, received a Navy Commendation Medal. The procurement officer was honored for meritorious service while serving as director, for the Purchasing and Transportation departments at the Naval Supply Center, San Diego, Calif., from October 1987 to May 1990.

Capt. Douglas W. Cook, NWC Commander, presented Cdr. Knight with the award at a recent Commander's meeting.

According to the accompanying citation signed by the Chief of Naval Operations, Adm. F. B. Kelso II, the then lieutenant commander "directed a dramatic improvement in small purchase operations that reduced backlogs by more than 62 percent and reduced average age of work in process from 75 to 35 days. He also improved procurement administrative leadtime from 80 to 25 days at non-pierside purchasing sites and from 14 to six days at pierside sites, while reducing employee turnover by 70 percent."

Cdr. Knight's efforts at efficiency were also praised in the citation. "His keen insight, analytical skill and dynamic pursuit of greater efficiencies achieved a 75 percent reduction of Transportation Department overtime and significantly improved traceability of depot level repairable deliveries," read the citation.

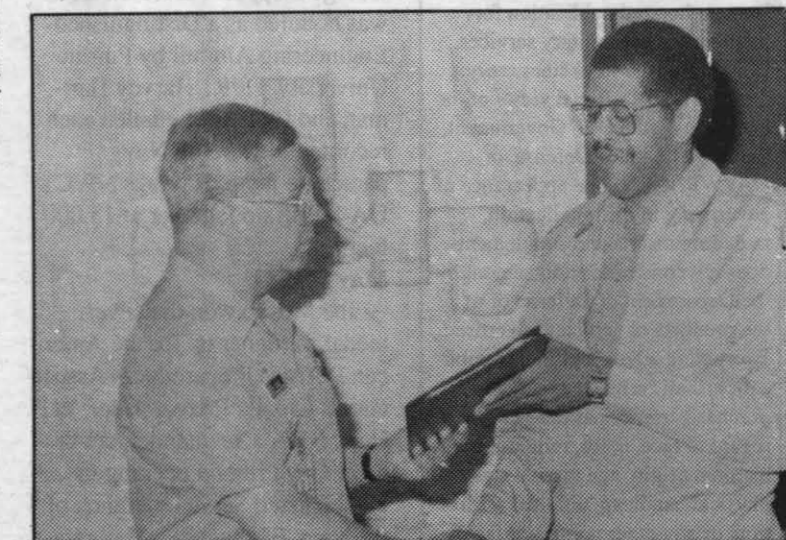
Since joining the Navy in March 1975, Cdr. Knight has been assigned to the USS *Midway* (CV-41), Navy Supply Corps School, USS *Philadelphia* (SSN-690), Defense Contract Administration Office (DCASMA) in Inglewood, the Naval Supply Systems Command and the USS *McKee* (AS-41). He was stationed in San Diego prior to coming to NWC in June 1990. He reached his present rank in September, just three months later.

In addition to his four Navy Commendation Medals, Cdr. Knight has been awarded the Defense Commendation Medal, Navy Expedi-

tary Medal, Meritorious Unit Citation, SEA Service Ribbon with two stars, National Defense Medal and three Battle Efficiency Ribbons.

Since his arrival at China Lake, Cdr. Knight has been busy implementing total quality management (TQM) guidelines into the Procurement Department and to highlight customer satisfaction.

The commander lives on-Center with his wife, Elizabeth, and their three kids, Daniel, Cedric and Natasia.



WORK APPRECIATED -- Capt. Douglas W. Cook, NWC Commander, congratulates Cdr. Cedric Knight upon receiving his fourth Navy Commendation Medal. Photo by PH3 Cary Brady

Commentary

ROCKETEER CLASSIFIEDS

NWC Rocketeer

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QUESTION

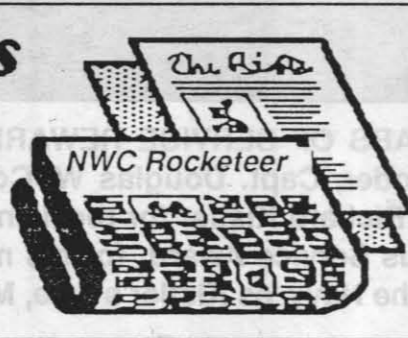
Yes, I work in Michelson Laboratory and I am concerned about the horrible smell. It smells like sewer gas and is usually quite strong in the morning, just about every morning when we come in. I was wondering the cause of it and if there is any possible danger from whatever is creating the smell.

ANSWER

The smell you refer to is, in fact, a sewer smell. It comes from the sewer ponds north of Michelson Laboratory and is present around the Michelson Laboratory compound every time there is a north wind and almost every time there is an inversion layer over the area. It has been investigated a number of times over the years by the Michelson Laboratory service shop and is not the result of damaged or defective plumbing. It does not present any kind of health or safety problem.

All China Lakers, including military personnel, civilian employees

Pages from the Past



May 9, 1986

AE3 Marty Chilton of NWC's Aircraft Department, earned Shore Sailor of the Year honors from the Space and Naval Warfare Systems Command. . .Crill Maples and Ron Morey earned Technical Director's Awards from Code 62. . .LCS work brought TD Awards to Karen Higgins, Jack Johantgen, Richard Fowler and George Hoppus. . .Dr. Ron Derr was honored as a Distinguished Engineering Alumni by Purdue University. . .PR1 Harvey Hartman and PR1 Bill Leuallen each recorded their 500th Navy parachute jump, leavings NWC's UA-8 Buffalo together at 15,000 feet.

May 8, 1981

Joe Mosko won the silver medal as runner up for the American Defense Preparedness Association's Crozier Prize. . .Capt. W.B. Haf, NWC Commander, cut the ceremonial ribbon opening the Personalized Services Branch of the Navy Exchange. . .Maturango Museum's NWC facility opened the Sylvia Winslow Exhibit Gallery. . .Marianne Kistler took top honors at the annual Standard Flower Show held in the Enlisted

Mess Ballroom.

May 13, 1966
Ottow Schneider and Hubert Ross of the Propulsion Development Department, earned a patent for the "strip bullet" developed at CLPL in the past two years. . .Howard Clark got a 20-year NOTS service pin. . .Clyde B. Flynn, a NOTS mechanical engineering technician was the original "Fatty" in the "Our Gang Comedy" movie in 1939. . .Cdr. W.F. Bustard was named project officer for Armed Forces Day celebration at NOTS next weekend.

May 9, 1951
James Vanover won a \$25 U.S. Savings Bond as the designer of the NOTS five-year pin. . .The Personnel Department is seeking area residents who want to work for the Navy to ease a labor shortage. . .Capt. Levering Smith is the new head of the Rockets and Explosives Department. . .D.S. Villars of the Research Department, has published a new book on statistics. . .Earl Todd received cash for the third Beneficial Suggestion he's had approved since October. . .Louise Mitchell is the organizer of a new Beta Sigma Phi chapter at China Lake.

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

China Lake Calendar

May 11
Mother's Day Brunch, Seafarer Club, 10 a.m. - 1 p.m.

May 15
IEEE luncheon, 11:30 a.m., Seafarer Club, Clark Hay speaks on IEEE activities.
TSP Open Season begins.

May 16
SUN Users Technical Applications Briefing, 1000D, Michelson Lab, 8:30 a.m.

May 17
Comedy Nite at the Seafarer Club; dinner at 6 p.m., show at 8 p.m.
Recycling Program Office firewood sale, Recycling Facility off Iwo Jima Road.

May 22
Shoemobile visits (PW Compound).

May 23
IEEE Videoconference, 7:30 a.m. - Noon, NWC Training Center.

May 25
All Faith Chapel Secretaries honored, Kerr McGee Center, 6 p.m.

Coming Events

June 3-7, American Heritage Week.
June 6, BHS Grad Night at Officer's Club.
June 28, Security Poster Contest deadline.

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

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<h3>1 PERSONALS</h3> <p>MOTHER'S DAY IS SUNDAY - Sherry's Tailoring and Crafts has a large selection of handmade gifts. We also have a large selection of top quality darts and dart supplies. 6615 Inyokern Rd., Inyokern. (Next to Two Sisters' Restaurant). 377-3455. Tues-Sat, 10-5.</p>	<h3>20 RENTALS</h3> <p>FEMALE Non Smoker Roommate Wanted for Townhouse. Will have your own bedroom/bath. \$300/mo. 1/2 utilities, incl. pool and jacuzzi. 375-2141.</p> <p>WANTED ROOMMATE, M/F, non-smoker to share furnished 2BR, 1BA with small yard and garage. \$200/mo. plus 1/2 utilities, plus \$200 deposit. Call 371-7513, leave message, or ask for Dom.</p>	<h3>35 AUTOMOTIVE</h3> <p>'67 FORD 3/4 TON - 390 w/headers, RV cam, trailer towing package, new tires, excellent condition. \$1,500. 446-3871.</p> <p>'78 CHEVY 4x4, newly rebuilt engine. New 33 inch tires - \$2,000.00/OBO. 446-3641.</p> <p>1974 SUZUKI GT550, 3cyl., 2-stroke, runs well. \$500.00/OBO. 446-7397.</p> <p>1983 DATSUN 280ZX 2+2 - Automatic, 120,000 miles, original owner. Excellent shape. \$4850.00. Eves or weekends, 446-1637.</p>	<h3>55 PETS/SUPPLIES</h3> <p>AKC COCKER SPANIEL PUPPIES for sale - 11 weeks old. Males - \$225, Female - \$325. Call eves, 446-3955.</p> <p>BLUE RIBBON GROOMING. Professional and Self-Service Pet Care Center. 375-5048.</p> <p>HAND RAISED BABY COCKATIEL. Very Tame - \$25. 375-9227.</p>	<h3>55 REAL ESTATE</h3> <p>\$7995 AS IS-DRASTICALLY REDUCED! 2BR, 1BA, crvd. patio, stge. shed. Chain fence, adult park, close to shop & main gate. Family/children OK. 446-6871, leave message.</p> <p>FOR SALE: Furn. Cabin located at Alta Sierra/Greenhorn Mts. Located on approx. 1 acre. Call after 6PM, 375-9242.</p>
<h3>5 LOST & FOUND</h3> <p>LOST: Female Calico Kitten mix, recently spayed, jumped out of car at Commissary Navy Exchange on her way home from getting stitches out. 377-3111.</p>	<h3>30 SERVICES</h3> <p>"INSURANCE MEDICAL" CHAMPUS Medical Supplements Low Cost, Active Duty, Retired and Family. For More Information call 371-3900 ANYTIME.</p> <p>"INSURANCE MEDICAL" Special Children Low Cost Medical Plans, Reputable Company With Great Benefits. Medicare Supplements and Adult Plans Also. For More Information call 371-3900 ANYTIME.</p>	<h3>40 MISC. FOR SALE</h3> <p>(2) VIP Ski Passes to Mountain High Ski area. Good until May 1992 - \$70.00 value, \$50.00 CASH ONLY. Call 446-4432.</p> <p>3 piece SECTIONAL w/hide-a-bed & recliner built-in - \$700.00. 446-7172.</p> <p>FEDDERS AIR CONDITIONER - 13,000 BTU, only used 1 month - \$350. Treadmill - \$75. 375-6055.</p> <p>FOR SALE - CANON AE-1, different lenses, accessories - \$250/OBO. Call 446-7865.</p> <p>FOR SALE - Girls 24" Bicycle - \$25. Rowing Machine - \$15. 446-2487.</p>	<h3>FREE CATALOG</h3> <p>Lake Isabella Properties Call: Pauline Addison (619) 376-2231</p> <p>Century 21 Lake Isabella Realty, Inc.</p>	<p>TO PLACE A CLASSIFIED AD IN THE ROCKETEER CALL 375-4481 OR DROP IT BY <i>The Daily Independent</i> 739 N. China Lake Blvd. ACTIVE MILITARY PERSONNEL & THEIR DEPENDENTS MAY PLACE THEIR CLASSIFIED ADS FREE OF CHARGE!</p>
<h3>15 HELP WANTED</h3> <p>LICENSED BEAUTY OPERATOR - WANTED ON BASE. Ask for John 446-6429.</p>	<h3>20 RENTALS</h3> <p>1 BDRM., 1 BATH Pool/walk in closet/refrigerator \$375/month ERA Vaughn Realty 446-6561</p> <p>3BR, 2BA GARDEN APT., Garage, yard, 1/p, \$575/mo. Call ERA Vaughn Realty 446-6561.</p> <p>3BR, 2BA Mobile Home on 2.5 acres, near college. Family Room w/FP. \$550/mo. Call Dora at 805-565-1371.</p> <p>3BR, 2BA on 2.5 acres, near college. Family room w/Fireplace. \$550/mo. Call Dora at 805-565-1371.</p> <p>3BR, 2BA, stove, D/W, inside W/D hookups, gar., fenced back yard, north location. Avail. Now. \$540/mo. + \$500 sec. 446-7166</p> <p>APARTMENT - UNFURNISHED 2BR, nice yard, W/D & refrig. CL Acres. \$395/mo. ERA Vaughn Realty 446-6561.</p> <p>AVAIL. IMMEDIATELY - 3BR, 2BA, Family room, large yard, new roof, remodeled kitchen, D/W, stove, refrig. incl. \$595/mo. Security & cleaning neg. 375-4146 or 375-6012.</p>	<p>CLOCK REPAIR: Guaranteed work. Specializing in Antiques, Grandfather, Cuckoo, Anniversary and Atmos. 375-5511, mornings and weekends.</p> <p>EDWARDS PAINTING SERVING THE AREA SINCE 1979 CALL FOR AN ESTIMATE. LIC.#427485 375-1439</p> <p>GUITAR LESSONS - Study with GIT Graduate & Instructor. Beginners to advanced. 371-7934.</p> <p>LICENSED CHILDCARE ON BASE - Mon.-Fri., 7am-5pm, full & part time avail. #150006273. 446-3535.</p> <p>Ronald Kurylowicz, D.O., F.A.C.G.P.</p> <p>Dr. "K" is a certified Fellow of the American College of Osteopathic General Practitioners. A California board licensed Osteopathic Physician and Surgeon. He specializes in Osteopathic Cranial Sacral Therapy for newborns through adults. 375-1555. 121 S. China Lake Blvd. - Suite "C"</p> <p>WINDOW TINTING - Auto, commercial, residential. Special for many trucks. Single Pane rear window - \$25. Call Larry, 446-6612.</p>	<p>MOBILE FOR SALE: Mobile in Adult PK., near shopping & base. Roomy 12'x64' with 2BR, 1BA & W/D. Shed & awning. Priced at \$12,000. Call 446-2417.</p>	
<p>MILITARY/SERVICE CONNECTED 100% APPROVED!</p> <p>\$5,000 \$5,000 TO \$7,500 CREDIT LINE. 0% INTEREST</p> <p>NO CREDIT CHECK! Civilians 98% Approved ALSO AVAILABLE</p> <p>\$200 GIFT CERTIFICATES & A FREE VACATION WITH EACH CREDIT LINE!</p> <p>As Seen On Television! NO TURN DOWNS! LOW MONTHLY PAYMENTS!</p> <p>FREE DETAILS! CALL 1-803-272-1378 \$200 on gift checks/Free Vacation Certificate with each order</p>				

The Daily Independent
375-4481

Computer classes offered by CSUC

Following are courses being offered this summer for the California State University, Chico (CSUC), Computer Science Program (bachelor's and master's degrees). To enroll in these courses, call Helen, NWC ext. 2648. Registration will be held at the first class meeting. *Deadline for enrolling is 10 calendar days before the starting date of the class.* Enrollments in courses will be on a first-come, first-served basis, unless otherwise indicated.

CSCI 171: Computer Architecture (3 units)
June 1-2, June 22-23, July 13-14, Saturdays and Sundays; 0800-1600; Training Center. By Dr. Britton, CSUC.

Prerequisite: CS 26: Assembly Language Programming or equivalent or consent of instructor.

Scope: Internal processor architectures, basic combinational and sequential logic, codes, instruction sets and instruction decoding, memories and memory operation, arithmetic units, stack structures.
Text: TBA.

Note: This is a core course in the bachelor's degree program in computer science through CSUC. This is a required foundation course for the master's degree program in computer science through CSUC.

CSCI 172: Systems Architecture (3 units)
July 20-21, Aug. 10-11, Sept. 7-8, Saturdays and Sundays; 0800-1600; Training Center. By Professor Arnovick, CSUC.

Prerequisite: CSCI 171: Computer Architecture or equivalent or consent of instructor.

Scope: Definition of problems relating to interfacing processors and peripherals in computer systems. Channel and bus structures, bandwidth computations, performance evaluation, feasibility stud-

ies and methods of systems analysis.

Text: TBA.

Note: CSUC bachelor's degree students must pass the Writing Effectiveness Screening Test (WEST) or an acceptable equivalent, such as the writing exam through Cal-State Bakersfield, before taking this course.

This is a core course in the bachelor's degree program in computer science through CSUC. This is a required foundation course for the master's degree program in computer science through CSUC.

CSCI 273M: Data Base Management (3 units)
June 29-30, July 27-28, Aug. 24-25, Saturdays and Sundays; 0800-1600; Training Center. By Professor Im, CSUC.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent or consent of instructor.

Scope: An introduction to data base management systems. Storage structures, data-definition languages and data-manipulation languages for relational, hierarchical and network approaches to data base management. For computer science majors.

Text: TBA.

Note: This course is required for all options in the bachelor's degree program in computer science through CSUC.

Comments:

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

Cerro Coso's registration dates change to May 13-17

Cerro Coso Community College has changed its dates for early registration for fall courses from those previously advertised. Registration for continuing students will be May 13-17. All new students must attend the new student orientation and registration on May 15 at 5 p.m. Course schedules are now available in the Training Center's lobby.

NWC may pay college tuition

Tuition for NWC employees at Cerro Coso Community College will be paid for if employees are enrolled in courses provided under the NWC/Cerro Coso Contract. If employee can show courses are job-related, or will strengthen their contributions to the Center's mission, tuition will be paid directly to the college by Code 224. To have tuition paid, submit NAVWPNCEN 12410/73 (Rev. 12-88) Request for on-Center Training) via department channels to Code 224.

If a course is not directly job-related, employees should, along with the NAVWPNCEN 12410/73, submit NAVWPNCEN 12410/66, Academic Enrollment Justification and NAVWPNCEN 12410/68, Individual Development Plan, describing how the course fits into their overall career plan and how attendance at the course will strengthen their contribution to the Center's mission. If an employee is not yet a California resident, submit DD Form 1556 (Request, Authorization, Agreement and Certification of Training and Reimbursement) via department channels to Code 224. *A job order number is required* on the form.

Requests for tuition support must be received by Code 224 at least three days prior to the employee's registration at Cerro Coso. This allows the request to be processed and returned in time for registration. **The approved NAVWPNCEN 12410/73 or DD Form 1556 must be taken to Cerro Coso when registering in order for NWC to pay the tuition.** *Employees who pay tuition themselves will not be reimbursed.* For any further information, call Cecil Webb, NWC ext. 2648.

Military News

Lt. j.g. Tunison wins his first NAM at NWC

Performance of duties at a level of efficiency above that expected of someone of his rank and experience earned Lt.j.g. Douglas I. Tunison his first Navy Achievement Medal (NAM). The civil engineer was honored for his accomplishments while serving as assistant resident officer-in-charge of construction in the Western Division, Naval Facilities Engineering Command Contracts Office at the Naval Weapons Center's Public Works Department from Sept. 10, 1988 to June 4, 1990.

Capt. Douglas W. Cook, NWC Commander, congratulated Lt.j.g. Tunison as he presented him the medal at a recent Commander's meeting.

The citation accompanying the award, signed by RAdm. D. E. Bortorff, Commander, Civil Engineering Corps, praised Lt.j.g. Tunison's talents and ingenuity. "Displaying exceptional managerial skills and resourcefulness, he resolved difficult engineering and contractual problems, ensuring that contracts totalling \$15 million were consistently completed on schedule. . . (his) firm but fair contract enforcement saved the government over \$250,000 in negotiated changes in contracts. His diligent efforts and

excellent contract management skills inspired all who observed him and contributed greatly to the Command's mission," read the citation.

Capt. Ken Kelley, former head of Public Works, wrote the nomination letter saying, "Lt.j.g. Tunison's aggressive construction management combined with uncommon foresight and exceptionally quick grasp of problems and solutions has allowed him to get high quality work in a timely manner while maintaining excellent working relationships with the contractors. . . It is apparent by Lt.j.g. Tunison's performance, knowledge and dedication to duty that he has far exceeded what was expected of someone in his position and rank."

His tour in the Western Division, Naval Facilities Engineering Command Contracts Office at China Lake was Lt.j.g. Tunison's first tour of duty since joining the Navy three and a half years ago. He was transferred to the NWC Command in June 1990 and is currently the head of the Recurring Maintenance/Utilities Division in Public Works. He lives on-Center with his wife, Ellisa, and their 16-year old daughter, Misti.



TALENTED PEOPLE AT NWC -- Ellisa Tunison watches as her husband, Lt.j.g. Douglas Tunison receives his first Navy Achievement Medal from Capt. Douglas W. Cook, NWC Commander. Photo by PH3 Cary Brady

Admirals tell Congress of plans

Washington (NNS) -- The future of Navy aviation was the topic of testimony delivered on Capitol Hill recently by the Chief of Naval Operations, the Vice Chief of Naval Operations, the top assistant for air warfare and the Chief of Naval Research.

The message delivered by the four Navy officials to the House Armed Service Committee was that Naval aviation will be the primary Naval force for power projection through the 1990s and into the 21st Century. As the Navy builds down and restructures, it will be vital to achieve a balanced Naval aviation force that is modernized across all mission areas and that is operated by top-notch

A replacement for the A-6's 1960s technology is among the CNO's top priorities.

personnel whose value is recognized. The testimony of Adm. Frank B. Kelso II, Chief of Naval Operations, highlighted carrier attack aircraft requirements. His Assistant Chief of Naval Operations for air warfare, VAdm. Richard M. Dunleavy, spoke on aircraft procurement. Adm. Jerome L. Johnson, vice chief of Naval Operations and the Chief of Naval Research, RAdm. William C. Miller, also testified before the committee.

Adm. Kelso emphasized that a replacement attack aircraft for the Navy's aging A-6, which represents 1960's technology, is among his highest priorities. According to

Kelso, plans are being developed for a new all-weather long-range attack aircraft being called the "AX."

"We are at the limit of what we can do to upgrade the A-6. At the same time, the threat our aviators face is becoming more sophisticated and deadly," Kelso said. "An extensive analysis of the alternatives for an A-6 replacement reveals that a modern all-weather, stealth aircraft will be critical in meeting the future anti-air warfare threat and ensuring that tomorrow's Navy maintains a first rate power projection capability."

Kelso said the importance of stealth was most clearly demonstrated during Operation Desert Storm by the impressive performance of the F-117. "Stealth, coupled with other high-technology advances, will allow our aircraft and crews to carry out their missions and return safely," Kelso said. He also referred to testing that demonstrates the stealth aircraft is more survivable than alternative aircraft designs. Additionally, stealth technology translates into savings of U.S. lives, aircraft and enhances the ability of

Adm. Dunleavy urges maintenance of balanced force structure for the Navy.

pilots to wage an extended campaign with a limited number of aircraft on each carrier.

Kelso also called for replacement designs for the A-6 to balance carefully the require-

ment for extended operational range with the

The future Navy will have fewer carriers, fewer airwings and fewer people.

need for maximum payload to ensure proficiency during an attack.

Adm. Dunleavy spoke about ways the Navy plans to downsize while simultaneously modernizing within a tightly restrained budget. He included among the Navy's top priorities in achieving this delicate balance: people, readiness, safety and modernization to maintain a balanced force structure.

Some of the Navy's future plans outlined by Dunleavy include reducing carriers to 12 by 1995, and the number of airwings to 11 active and 2 reserve wings by the same time. Reductions in carrier force will be achieved through the decommissioning of *USS Midway*; retirement of *USS Lexington* this year and retirement of *USS Ranger* in Fiscal Year 1993. Both *Midway* and *Ranger* will be placed in the mobilization fleet. The airwing of the future will primarily be modeled after the *USS Theodore Roosevelt Airwing*, consisting of 40 strike fighters and 20 all-weather long-range attack aircraft. The Fiscal Year 1992/93 budget requests an overall manpower reduction, primarily related to force structure cuts. Ship and squadron manpower will be reduced to 87 percent of wartime requirements.

Job-seeking guide available for military

There is a new publication by Militran, Inc., called *The Militran Guide to Career Opportunities* for military service members seeking civilian jobs. The premiere issue, published this month, contains nearly 200 pages listing 20,000 actual job openings from across the country which are specially screened for separating or retiring military personnel.

The guide has been endorsed by the Non-Commissioned Officers Association, Air Force Association and the Association of the U.S. Army.

The guide is also a useful tool for federal employees who are looking for a different job.

The Militran Guide to Career Opportunities is published 12 times a year, a three-month subscription is \$30, plus \$6 shipping and handling. Single copies are \$10 each, plus \$2 for shipping and handling. There are three versions: Army Career Opportunities, Air Force Career Opportunities and Navy/Marine Corps Career Opportunities. To order, call 1-800-426-9954 or write to Militran, 1255 Drummers Lane, Suite 306, Wayne, PA 19087.

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Saturday, May 11, 10 a.m. - 7 p.m.
Sunday, May 12, 10 a.m. - 4 p.m.

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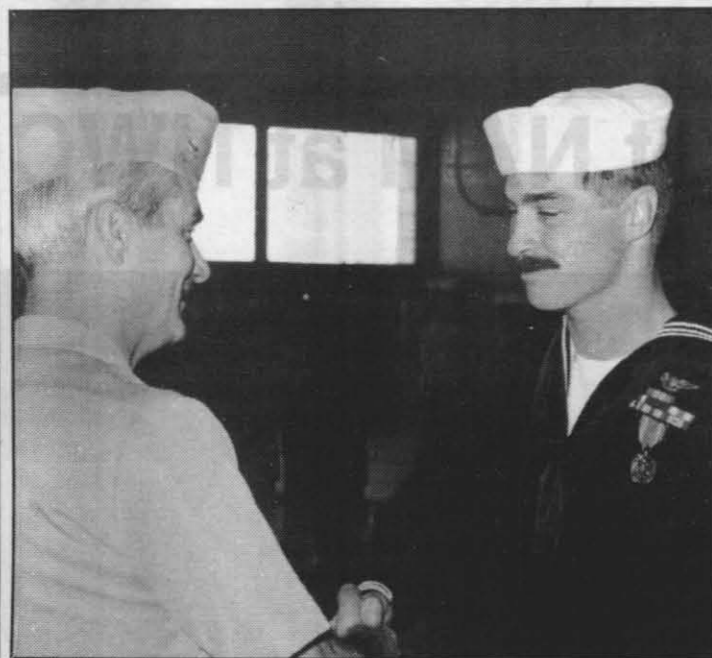
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Medals for VX-5



VAMPIRE RECOGNIZED - VX-5 CO, Capt. Raymond A. Kellett, presents the Navy Achievement Medal to AMS2 (SW) George M. Gabri for professional work and superior performance while attached to Carrier Group Seven (*USS Nimitz*). Displaying exceptional initiative, drive, and enthusiasm, in the Aircraft Intermediate Maintenance Department, Gabri maintained an unprecedented ninety percentile ready for issue rate.



THREE TIMES FOR HESKETT -- VX-5 XO, Cdr. John Voshell, presents the Navy Commendation Medal (Gold Star in lieu of the Third Award) to Lt. Mitch A. Heskett for meritorious service while attached to his previous command, Carrier Air Wing 13. The citation letter praised Heskett's superlative leadership, managerial skills and foresight as the ordnance officer. Photos by PH3 Rob Foster

SER boards announced

Washington (NNS) -- The Navy has announced plans to hold selective early retirement (SER) boards for retirement-eligible commanders and captains again in December. The Navy became the last service to convene SER boards last December, faced with steep declines in officer numbers mandated by Congress.

Explaining the FY 92 boards in NAVOP 008/91, Adm. Frank B. Kelso, II, Chief of Naval Operations, stressed his goal to give all active duty personnel "the opportunity to serve full and productive careers." However, projected separations, resignations and voluntary retirements will not reduce officer strength enough -- even with continued reductions in officer accessions and some opportunities for voluntary early retirements.

"The selective early retirement of approximately 400 captains/commanders is a difficult but necessary action if we are to meet end strength cuts and still maintain the upward mobility of our force," said Kelso. "While the impact of this reduction will affect us all, I am confident our smaller Navy shall continue to meet every challenge in the years ahead."

The FY 92 SER boards will select a smaller per-

centage of officers for early retirement because more officers will be considered, based on recent legislation modifying Defense Officer Personnel Management Act (DOPMA) guidelines on conducting SERs. Last year, the eligibility zone included captains with four years time in grade and commanders who twice missed selection for captain. The FY 92 SER boards will consider the records of captains with two or more years in grade and commanders with one or more pass-overs for captain. By expanding the zone, the SER selection rate will drop from 30 percent to about 16 percent.

Zones, convening dates and procedures for communicating with FY 92 SER boards were announced in ALNAV 045/91. Eligible officers who are contemplating voluntary retirement are urged to submit their requests as soon as practical.

Those selected for early retirement will be notified personally and confidentially by their Flag or commanding officer after the recommended list is approved by the Secretary of the Navy. They will have a minimum of six months notice prior to required retirement date. Plans call for all officers selected for retirement to be notified in early January, 1992, with anticipated retirement by August 1.

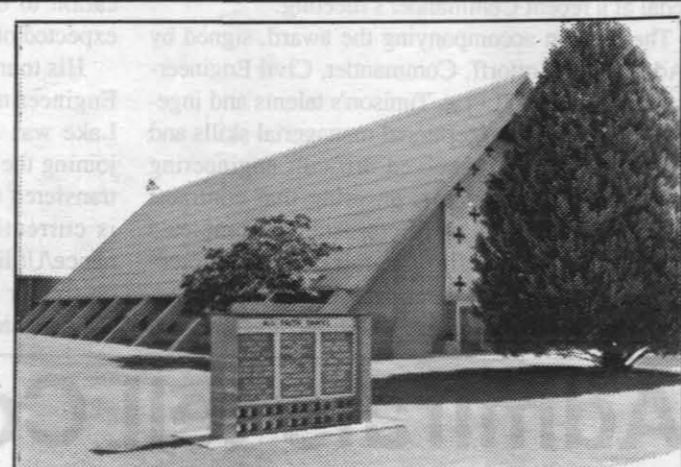
Gen. Schwarzkopf meets Class of '91

Desert Storm Commander at the Naval Academy

Annapolis, MD (NNS) -- Army Gen. H. Norman Schwarzkopf, Commander in Chief, United States Central Command, and the architect of Desert Storm's historic operations, will deliver the commencement address to the U.S. Navy Academy Class of 1991 May 29.

About 950 midshipmen will receive bachelor of science degrees and commissions as ensigns in the U.S. Navy or second lieutenants in the U.S. Marine Corps. The graduation and commissioning ceremony, the Academy's 141st, is scheduled to be held in the Navy-Marine Corps Memorial Stadium.

In accepting the invitation to be commencement speaker, Schwarzkopf wrote, "from the first tomahawk launch from a battleship to close air support strikes and minesweeping operations, the Naval service continued the finest traditions of our nation's military heroes. Operation Desert Storm proved again the caliber of leadership provided by the United States Naval Academy."



Divine Services

Protestant	
Sunday Worship Service, East Wing	8:00 a.m.
Sunday Worship Service, Main Chapel	10:30 a.m.
Sunday School, 1008-10 Blandly & 1903-05 Mitscher	9:00 a.m.
Bible Study (East Wing), Wednesday (September thru June)	11:30 a.m.
Men's Prayer Breakfast, East Wing, Thursday	6:30 a.m.
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday	7:00 p.m.
Islamic	
Jumaa Prayer (Friday at 1006 Blandly)	12 (noon)
Roman Catholic	
Sunday Mass, Main Chapel	9:00 a.m.
Daily Mass, Small Chapel	11:35 a.m.
Confessions, Weekdays	By appointment
Religious Education Classes (Sunday) (September thru May)	10:30 a.m.
1902 Dibb, 1002 Blandly, 1008-10 Blandly & 1903-05 Mitscher	
Jewish	
(NWC ext. 2851)	
Weekly Services (Friday - East Wing)	7:30 p.m.
Adult Hebrew Lessons (Saturday at 1004 Blandly)	3:00-5:00 p.m.
Religious Education (Sunday at 1004 Blandly)	9:00 a.m.-12 (noon)
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Chaplain G. L. Goodman, LT. CHC, USNR	
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Wellness training offered on-Center

Food Label Calculations (1 hour)

May 14, Tuesday; 1130-1230; Training Center. By Lorraine Baty.

Scope: Principles of good nutrition will be the foundation for instruction in food label calculations and the interpretation of food label information. Participants will practice the calculation and interpretation techniques following guidelines from the American Heart Association and the American Cancer Society. The use of a handheld calculator will be helpful during the classroom calculations.

Note: This class is on a walk-in basis only. Point of contact is the Wellness Program Office, NWC ext. 2468.

Stress and Your Body (4 hours)

May 28, Tuesday; 1230-1600; Training Center. By Dr. Wes Youngberg.

Intended Audience: Especially recommended for people with high cholesterol.

Scope: In this seminar, the latest research in psycho-neuro-immunology and psychosomatic medicine is reviewed. The focus is on the practical significance of mind-body interactions and ways to make these interactions work in our favor. Different types and signs of stress are discussed along with ways to decrease and/or cope with stressors and negative emotions. The latest findings on the actual physiology of stress are described, including the role of knowledge, beliefs, values, attitudes and concomitant behaviors or actions. We will look at stress theory, physiology, its impact on work, play and home life, and the most appropriate ways to deal with stress and achieve a greater measure of control over life's challenges. Emphasis will be placed on the effects of stress on the immune, endocrine and cardiovascular systems.

Note: To enroll in this course, submit an on-Center Training Request to Code 2243 by May 14. Point of contact is the Wellness Program Office, NWC ext. 2468.



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CSUB reveals summer schedule

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

MIS 610: Seminar In Information Systems Management (5 quarter units)

June 13-July 15, Mondays and Thursdays; 1610-2110; Training Center. By Professor McNamara, CSUB, 805-664-2326.

Scope: An examination of contemporary issues related to the management and utilization of computer-based information systems. Topics include analysis, design and implementation of an information system, management of EDP and information systems and future impact of computer technology on information systems and organizations.

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

FIN 320: Investments (5 quarter units)

June 13-July 15, Mondays and Thursdays; 1610-2110; Training Center. By Professor Shakoori, CSUB, 805-664-3406.

Prerequisite: FIN 300: Financial Management or

equivalent or consent of instructor.

Scope: Principles of analysis of various types of securities, securities markets and institutions. Formulation of investment strategies. Quantitative investment techniques and analyses of financial statements included with computer applications.

MKT 300: Marketing Management (5 quarter units)

July 16-August 15, Tuesdays and Thursdays; 1610-2110; Training Center. By Professor Guseman, CSUB, 805-664-2157.

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 program in business administration through CSUB.

Comments:

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

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Qualified applicants sought to fill positions at NWC

(Continued from Page 27)
801/850/855/861-2/3, Code 39B10 - Position is located in the Sidewinder Technical Office where incumbent will act as the prime NWC focal point for all production activities related to the Sidewinder Guidance Control System (GCS), Active Optical Target Detector (AOTD) and Safety-Arming Device (S & A). Incumbent will be involved in coordinating the efforts of a minimum of three contractors and other government activities. Contractor performance shall be continuously monitored to ensure that contractual requirements are met. This includes, but is not limited to, providing technical assistance to contractors, coordination of the Sidewinder Configuration Control Board (CCB); communication regarding interpretation of government drawings, specifications, test procedures; review and reporting of the adequacy of production program plans, vendor qualification test plans, reliability program plans, lot acceptance reports, quality program plans, and other data specified in the applicable contracts. Appropriate contact with all levels of management at the contractors and NAVAIR, including participation in program reviews, shall be maintained to ensure cognizance of all significant activities. Incumbent will coordinate efforts of NWC support disciplines (i.e., product assurance, design/technical, etc.) to achieve the above goals. Promotion potential to DP-3. To apply, submit a current SF-171 to Larry Jeffris, Code 39B10, NWC ext. 3643.

No. 64-020, Interdisciplinary (Electronics Engineer/Mathematician/Computer Scientist), DP-855/1520/1550-2/3, Code 6436 - Multiple vacancies. These positions are in the Threat Simulator Systems Branch. Incumbent provides software engineering in support of threat simulator integration projects for the AEWTR and TARIF programs. The incumbent will be required to develop software engineering expertise in the complex aircrew training environment. This person will lead and participate in in-house and contractor efforts to integrate new threat simulations and develop upgrades for the TACTS computer systems and software applications. Applicants should possess knowledge of and experience in software development for realtime applications. Must be able to obtain and maintain a secret clearance. Promotion potential to DP-3, but not guaranteed. To apply, submit a current SF-171 to Ken Bailey, Code 6436, NWC ext. 2951.

No. 64-027, Interdisciplinary (Electronics/Mechanical Engineer), DP-855/830-3, Code 64404 - This position is in support of the EWTES Production Improvement Office, Configuration and Data Management Office (CADMO). Applicants must possess the knowledge of configuration and data management disciplines. Applicants should also have knowledge of and experience with Government Drawings Standards, problem solving techniques, and data analysis. The incumbent's position involves the following duties: serve as a technical staff specialist and consultant for the EWTES CADMO; review the long term CADM goals and make inputs to the five-year plan; monitor and guide the fulfillment of the CADM implementation plan; help maintain the EWTES CADM plan; review the project CADM plans and the CADM procedures manuals; maintain the specifications for and assign configuration baselines specifications; work with EWTES system engineers to define and review the configuration requirements to establish the various baselines; review the technical aspects of proposals to establish or change the configuration baseline of any EWTES project; provide inputs to the development of all the CADM data bases and to the improvements of the portions already developed; maintain a schedule for and work with system engineers to periodically review the hardware configuration, software, drawing, publication, firmware, and data packages; provide updated inputs based upon reviews as to whether the information needs to be placed in historical file and/or archived; conduct configuration audits as directed; review proposed equipment and software development contracts to ensure a CADM program is included, and the contract wording allows an orderly transition of configuration data to the CADMO. To apply, submit a current SF-171 to B. L. Hill, Code 64404.

No. 32-007 Secretary, DG-318-1/2 Code 3269 - Incumbent provides clerical/secretarial support to the Ordnance Evaluation Branch. Knowledge and working skill on a Xerox 640 and Macintosh computer desirable. Promotion potential to DG-2, but not guaranteed.

No. 62-047, Secretary (Typing), DG-318-1/2, Code 6211 - This position is located in the Ballistics Test Branch of the Range Department. The incumbent will provide secretarial and administrative support to the Branch Head. Knowledge and experience on the Macintosh computer is desirable but not required. Promotion potential to DG-2, but not guaranteed.

Secretarial opportunities

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

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

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

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Network Administration ARPA, NFS, LAN and Diskless (HP H2250X)	\$995	June 17-19
Programming in C Language & program Development Tools (HP 5079X +039)	\$1395	June 24-28
Programming with HP-UX System Calls (HP 50710X)	\$1295	July 8-11
Programming with OSF/Motif (HP 50767X)	\$1295	July 15-18
X Window System Programming: XLIB (HP 50756X)	\$1295	July 22-25
OSF/1 Operating System Seminar (HP 50790X + 024)	\$295	August 6
Distributed Computing Environment (HP 50790X + 025)	\$295	August 7
Networking Programs with BSD Sockets (HP 50783X)	\$295	August 12-14

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MIPI awards recognize innovation at NWC

From the obvious to the complex, 21 Model Installation Program Initiatives were recently approved by the Naval Weapons Center Commander, Capt. Douglas W. Cook. The innovators of the initiatives were honored last week when Capt. Cook awarded them their MIPI cups, hats and certificates acknowledging participation in the program.

Jeff Meriam from the Procurement Department received two MIPI awards for suggesting a waiver for permission to test the use of Administrative Leave as an alternative reward for employees demonstrating increased productivity in the job performance and for suggesting establishing a senior administrative specialist position to help program/project managers develop functional sup-

port plans. Meriam's first suggestion has been endorsed by OCPM and forwarded to the Department of Defense. The Quality & Productivity Improvement Office is looking into the implementation of Meriam's second idea.

Bob Bloudek from the Technical Information Department would like to see an award payment for cost saving initiatives. While this suggestion wasn't adopted as proposed, it was incorporated into the new IDEAS program.

Thanks to a MIPI by Wanda Williams from the Procurement Department, Codes 21 and 25 are working together to develop procedures where only one code will process the paperwork involved with U.S. Customs issues instead of three.

Chuck Jones, Information Systems Group, feels that multi-part forms are obsolete in this computer age. He proposed NWC employees have the option of using single-part forms. Codes 25, 28 and 21 feel this is a good suggestion. Code 28 has already started using a single-part form for travel. Code 25 has set a goal of fiscal year 92 for being able to use computer generated procurement requests (stubs).

Phyllis Linder from the Office of Counsel is tired of storing paperwork she feels could be destroyed. Her MIPI recommended unsuccessful offerors on contracts be notified that their proposal will be destroyed 20 days from the date of the letter barring the filing of a protest, giving the company a chance to

retrieve the proposal if it wants to. While this MIPI would lead to better record management, fewer storage problems, substantial time and cost savings for FOIAs and better public relations, it would require a DAR deviation. Code 25 will request such a deviation.

Bob McCarten from the Quality & Productivity Improvement Office requested a waiver of the \$100 threshold for pilferable items in the case of computer software and documentation. NWC has requested authority to not control software through plant and minor property procedures and is waiting for a decision from Washington.

Acceptance of one of Audrey Pryor's initiatives changed the way NWC orders the five and 10

year service pins. The Center used to send the pin die to the contractor with each order (usually 100 at a time) and the die would then be returned. The Procurement Department employee suggested leaving the die with the contractor to streamline the ordering process and save the Center money. Codes 21 and 25 have implemented the initiative.

Pryor also noticed a problem in the long waiting period for obtaining a waiver from the Federal Prison Industries, Inc. (UNICOR) in cases of urgency, small quantities or special requirements. UNICOR is the third source the Center must research for availability of any supplies or services bought for the government. Since there has been a problem in the past, members of the Procurement Department are going to work the issue with UNICOR directly.

Jean Amundson from the Range Department suggested that department heads be given the authority to delegate approval of "spontaneous" awards to subordinate level managers. This MIPI was approved in December and has since been implemented.

Thank's to Jeff Spindler's MIPI, Code 28 is designing a new time card work sheet, which will replace the existing two documents. Spindler, who works in the Intercept Weapons Department, felt the existing forms were inconsistent and didn't provide adequate space to record certain working hours.

Sandy Scharn-Stevens, Procurement Department submitted (Continued on Page 14)



MIPI AWARDS--Twenty-one Model Installation Program Initiatives were recognized by Capt. Douglas W. Cook, NWC Commander, during recent ceremonies.

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SAFETY COMES FIRST — Dan Goss, acting head of the Naval Weapons Center's Ordnance Systems Department, accepts a Safety Award for the department from Capt. Douglas W. Cook, NWC Commander, at a recent Commander's Meeting. The Ordnance Systems Department was recognized for performing 500,000 man-hours of work without a lost-time accident. Photo by PH3 Cary Brady

Emilie Boguchwal:

Saluted by Society for Technical Communicators

Emilie E. Boguchwal, a technical writer/editor at the Naval Weapons Center for 23 years, has been awarded the Society for Technical Communication's (STC) Distinguished Chapter Service Award for her support of the Ridgecrest-based Sierra-Panamint Chapter.

A senior member of STC, Boguchwal was presented the award at a recently held STC luncheon. The award was signed by the president of STC International and presented by chapter president John Dunker.

During her eight years as a member of the Sierra-Panamint Chapter, Boguchwal has served as chapter president, vice president, programs chairman and treasurer. She also served as editor of the *Petroglyph*, the chapter's newsletter, for two years. She has also been a judge in STC's international audio-visual competition for several years. Previous winners of the Distinguished Chapter Service Award from the Sierra-Panamint Chapter are Byron W. Butler Jr. and Margaret (Maggie) A. Frazer.

Code 22 implements program bringing secretarial certificate

Applications are now being taken by the Human Resources Development Division (Code 224) for the Naval Weapons Center's Secretarial Certificate Program. The purpose of the program is to help open educational and employment opportunities for clerical personnel at the Naval Weapons Center. Classes within the program are given on Center or at Cerro Coso Community College.

The program is divided into two categories. Category I includes 56 hours of training in courses relating to policies and procedures relevant to the Naval Weapons Center. Courses include Introduction to TQM, Basic Naval Writing, Naval Correspondence, File Improvement and Records Disposition, Interpersonal Communications (optional), Career Options for Clerical Personnel and Clerical Forum -- Travel, Security, Training and Payroll.

Category II provides the participant with a broad preparation for a career in business. Computer science courses are included in this category to provide sufficient background for utilization of new computer tools, which are becoming more and more popular on-Center.

A total of 27 units is needed to pass Category II. Category II courses include Bus Adm 18A -- Business Law or Bus Adm 25 -- Practical Law for Business & Society; Principles of Accounting 1A; Principles of Economics 1A; Business Gen 10 -- Intro to Business (prerequisite); Bus Adm 40 -- Human Relations in Business; Bus Adm 55 -- Business Correspondence or English 1A; Bus Adm 42 --

Principles of Mgmt and Organization; Computer Sci 71A -- Comp Appl - Word Processing; Computer Sci 71B -- Comp Appl - Spreadsheet; Computer Sci 71C -- Comp Appl - Database; and Bus 54 -- Office Personnel Seminar.

Upon completion of the program, two other options open up for clerical personnel. A Cerro Coso Community College Certificate in Business Administration is available for those taking five to eight more units listed in a separate category, or participants have the opportunity to attain an Associate of Arts Degree in Business Administration from Cerro Coso if they choose to take an additional 18 to 21 general education units.

An agreement has been established between NWC and Cerro Coso that certain computer classes taken at NWC will be given college credit and can be used towards the college's Certificate in Business Administration or an Associate of Arts Degree in Business Administration.

These same classes will be used as credit towards the NWC Certificate Program. Examples of NWC classes which may be used in place of Cerro Coso classes include Intro to Mac or Microsoft Word for Computer Sci 71A -- Comp Appl - Word Processing; Excel (Spreadsheet) for Computer Sci 71B -- Comp Appl - Spreadsheet; and Filemaker or 4th Dimension for Computer Sci 71C -- Comp Appl - Data Base.

For further information on this program, contact Sue Bristow at NWC ext. 2349.

Best Housing Area Yards bring recognition

Command and the Naval Weapons Center Housing Office staff congratulates the recipients of the first 1991 *Yard of the Month* winners. Awards for May went to Lt. and Mrs. Bruce Bull, 1412 Ticonderoga Ave.; AD2 and Mrs. Roy Schumacher, 343 Vieweg Cir.; and Mr. and Mrs. Paul Martin, 1402 Saratoga.

Sincere appreciation goes to the winners. Their hard work, time and effort are reflected in the exceptional appearance of their yards.

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Reassignment, secretarial opportunities available on-Center

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. 39-005, Interdisciplinary (General/Electrical/Physicist/Mathematician), DP-801/850/1310/1520-2/3, Code 39B9 - This position is located in the Advanced Technology Exploitation Office, Antiair Project Office, Intercept Weapons Department. The position is that of Weapon Systems Analyst. The incumbent will perform systems analysis of weapons systems and will be concerned with the measurement, analysis, prediction, and simulation of the environments to which weapons are exposed. Duties

include the evaluation and interpretation of environmental data and the simulation of environmental models. Requires knowledge of radar principles and a broadbased technical knowledge of weapon systems, fleet operations, and mathematical analysis techniques for investigating and evaluating all facets of naval warfare. Experience with Microvax and Silicon Graphics computer systems is desired. A TOP SECRET clearance based on an SBI is desired. If incumbent does not have a Top Secret clearance based on an SBI, then

incumbent must be clearable. Promotion potential to DP-3. The person selected for this position will be subject to testing for use in illicit drugs. See "NOTICE REGARDING DRUG TESTING DESIGNATED POSITIONS" in "Promotional Opportunities" box above. To apply send current SF-171 to Ben Adams, Code 39B9, NWC ext. 2626. Previous applicants need not reapply. **No. 39-016, Interdisciplinary (General/Electrical/Electronics/Aerospace Engineer), DP-** (Continued on Page 28)



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Qualified applicants sought

(Continued from Page 24)
Job Relevant Criteria: Knowledge of engineering design of aircraft systems and their component systems; ability to influence and motivate others; ability to plan, organize, coordinate, and manage technical projects; knowledge of NWC personnel, policies, and procedures; knowledge of affirmative action including a willingness to implement EEO policies and goals; ability to communicate both orally and in writing. **Incumbent may be required to serve a one year probationary period.** Pro-

motion potential to DP-4, but not guaranteed. ****This Ad closes on 23 May 1991.**

No. 64-028, Electronics Technician, DT-856-1/2/3, Code 6443- These positions are in the Radar Systems Branch of the EWTES Division, Aeronautics Department. The schedule of work is nominally "First 40", Monday through Thursday, 0630-1630. The incumbent is responsible for operation, calibration, repair, and modification of nonproduction, one-of-a-kind radar subsystems and radar systems using schematics, electronic, and RF test equipment. Repair is equivalent to the component level of analog, digital, and/or RF circuits. Experience maintaining and operating the Navy's SPS-48 would be desirable. **Job Relevant Criteria:** Knowledge of radar and radar systems; skill in using electronics test equipment; knowledge of NWC test range operations. Promotion potential to DT-3, but not guaranteed. Current permanent DOD employees may apply.

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TSP open season starts next week

Open season for enrollment or change in election in the Thrift Savings Plan (TSP) starts May 15.

Watch next week's *Rocketeer* for the advantages in participating in this saving program.

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6.30 p.m.

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Programs need nominations

Nominations are now being solicited for both the Technical Manager's Certificate (TMC) and the Systems Engineering Certificate (SEC) programs. Both programs are primarily intended for employees at the upper II/lower III levels of the Demonstration Project.

Nomination forms and brochures have been made available at all department offices. The deadline to apply is May 31.

Please call Dorothy at NWC ext. 2359 for more information.

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YOUR ENVIRONMENT

To follow up on the showing of "Help Save Planet Earth," a videotape shown at the Naval Weapons Center for Earth Day, the following environmental organizations are points of contact for additional information.

ENVIRONMENTAL ORGANIZATIONS

American Oceans Campaign

725 Arizona Ave, Suite 102
Santa Monica, CA 90401
(213) 452-2206

The AOC is a non-partisan, non-profit national advocacy organization dedicated to the restoration and preservation of the nation's oceans, bays, rivers and estuaries.

Earth Island Institute

350 Broadway, Suite 28
San Francisco, CA 94133
(415) 788-3666

EII develops innovative action projects for the conservation, preservation and restoration of the global environment. Earth Island's 35,000 members receive the award winning quarterly *Earth Island Journal*.

Environmental Defense Fund

257 Park Ave. South
New York, NY 10010
(212) 505-2100

Founded in 1967, EDF champions clean air and water and protects human health from toxic chemicals. EDF safeguards America's wilderness, coastlines, rivers and parks and defends wildlife habitats from rainforests to Antarctica.

National Wildlife Federation

1412 Sixteenth St. NW
Washington, DC 20036
(202) 797-6800

The NWF works on virtually every environmental issue from habitat conservation to pollution control. The nation's largest environmental group, its education and advocacy programs are making a world of difference for the world's environment.

Natural Resources Defense Council

40 West 20th Street
New York, NY 10011
(212) 727-2700

Since 1970, NRDC lawyers and scientists have fought for clean air, clean water and a safer, healthier global environment.

GETTING INVOLVED

To express concerns on environmental issues, contact the following officials:

Administrator

Environmental Protection Agency

401 M Street SW
Washington, DC 20460

Senator

U.S. Senate
Washington, DC 20510

Congressman/Woman

U.S. House of Representatives
Washington, DC 20515

U.S. Capitol Switchboard: (202) 224-3121

By the Environmental Project Office, Code 008

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Call: NWC ext. 3636 (24 hours)
or call the Inspector General at:
(800) 522-3451 (toll free)
288-6743 (Autovon)

IEEE announces 42nd videoconference May 23

On Thursday, May 23, the Institute of Electrical and Electronics Engineers, Inc. (IEEE) will hold its 42nd videoconference -- *Neural Network Applications for the 1990s* -- at the Training Center onboard the Naval Weapons Center. Registration is at 7 a.m., with a special video tutorial *What Neural Networks Can Do* shown from 7:30 to 8:30 a.m. The videoconference will be from 9 a.m. to 12 noon.

This videoconference will focus on near and far term applications for neural network technology. Although applications have not started to appear, this novel technology will not start to deliver its considerable promise until later in the decade.

Dr. Dan Hammerstrom, Adaptive Solutions Inc. and Oregon Graduate Center, will talk about plans to build digital VLSI circuitry, design considerations, examples of specific designs and why they were chosen and future plans.

Larry Jackel from AT&T Bell Laboratories will talk about current applications, theoretical basis for applications, current neural network applications and review problems appropriate for this technology.

James A. Anderson, a professor with Brown University, will cover the need for large networks as well as architectures for networks, present examples (radar classification system, network model for object motion and network performing some operations in elementary arithmetic), cover speculations regarding networks and talk about computational limitations of current networks.

Cost is \$3 per IEEE or Computer Society members, \$5 for non-members.

For more information, call Ed Brann, 375-1126, or Mike Ghorbani at 375-8490.

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Personnel News

Promotional opportunities

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

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

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

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

Notice Regarding Drug Testing Designated Positions

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

No. 00-010, Organizational Development Specialist, DA-301-3/DP-301-3, Code 012 - This position is located in the Organization Change Office. Incumbent will advise managers regarding the most effective techniques for initiating and implementing systematic organizational changes. Typical organizational changes include reorganizations, task assignment changes, procedural and process changes, new leadership, personnel turnover, changed mission and/or strategies, etc. Techniques used rely principally on the behavioral science and management fields. Examples of these techniques include organization design, team development, strategies planning, meeting processes, conflict management, style and interest inventories, and individual coaching for behavior changes. **Job Relevant Criteria:** Knowledge of the NWC organizational structure; ability to advise/consult with managers and employees at all levels of

the organization; ability to analyze and synthesize data; ability to perform stand-up presentations. Promotion potential to DP-3.

No. 28-048, Budget Analyst, DA-560-2, Code 2833 & 2836 - (Multiple Vacancies) - These positions are located in the T&E and Support Budget Branch, and the R & D Budget Branch, Budget & Resource Analysis Division, Office of the Comptroller. Incumbent(s) provide resource support services to one of NWC's operating departments. Responsible for all phases of budget execution, formulation, control and monitoring of direct, overhead, capital and service center budgets. Responsible for conducting financial analysis. **Job relevant criteria:** Ability to gather and analyze raw financial data; ability to prepare clear and concise written and oral communications; ability to deal tactfully and effectively with others. Promotion potential to DA-3.

No. 31-015, Electronics Technician, DT-856-1/2/3, Code 3113 - This position is located in the F/A-18 Sensors Facility Branch, Avionics Facilities Division of the Aircraft Weapons Integration Department. The Branch provides for radar development, validation and integration workstations for the development, test validation, verification, and modification of Operational Flight Programs (OFP) exercised in the tactical computers of the F/A-18 aircraft. The incumbent will assist and/or provide for maintenance, installation, and repair of the Branch's electronic equipment; will assist in the development and documentation of hardware specifications and test plans, and then assists the implementation of those requirements using facility and contractor support personnel. **Job Relevant Criteria:** Knowledge of tactical aircraft electronic systems; knowledge of electronic theory and processes; knowledge of digital and

analog circuits design; ability to develop and interpret schematics and engineering drawings; ability to maintain, calibrate, and troubleshoot electronic equipment. The incumbent must be able to obtain and maintain a Top Secret security clearance. Any applicant tentatively selected for this position will be required to submit to urinalysis for illegal use of drugs prior to final selection. See "Notice Regarding Drug Testing Designated Positions" in Promotional Opportunities box above. The full performance level of this position is DT-3.

No. 32-006 Multidisciplinary (Engineering Technician/Mechanical Engineering Technician /Electronics Technician /Physical Science Technician) DT-802/830/856/1311-1/2/3, Code 3212. This position is located in the Thermal and Process Evaluation Branch, Energetic Materials Division of the Ordnance Systems Department. The incumbent is responsible for following safety procedures for thermal testing of propellants/explosives and preparing samples for cookoff. Duties include assembling energetic material samples and hardware into cookoff fixtures, setting up test control data acquisition computers for tests, installing and connecting temperature and pressure instrumentation, monitoring activity by television and coordinating test schedules with customers. At the higher levels, incumbent acts as Field Test Firing Officer, plans new test strategies and designs new test set-ups. Incumbent may also be designated occasionally as branch safe person in the explosives processing area. **Job Relevant Criteria:** DT-1: Knowledge of ordnance safety; ability to communicate in writing; ability to communicate orally; ability to analyze technical data; ability to use computers. DT-2: Knowledge of ordnance safety; ability to communicate in writing; ability to communicate orally; ability to analyze technical data; skill in operating computer systems. DT-3: Knowledge of ordnance explosive devices and explosive safety; ability to communicate in writing; ability to communicate orally; ability to deal with all levels of technical management; ability to originate and develop special test set-ups, procedures and ordnance devices to facilitate the testing process; skill in operating computer systems. Promotion potential to DT-3, but not guaranteed.

No. 34-020, Supervisory Visual Information Specialist/Audio Visual Production Specialist, DP-1071/1084-3, Code 3441 - This position is located in the Video Projects Branch, Visual Media Division of the Technical Information Department. This branch is responsible for the preparation of technical and management information video presentations to sponsors and NAVWPNCEN employees. The position is that of Head, Video Projects Branch. The incumbent provides supervision to ten (10) personnel responsible for the production of scripted and non-scripted audio/video reports and presentations, studio and field video photography, video equipment maintenance and video equipment technology recommendation. **Job Relevant Criteria:** Knowledge and experience in video production; knowledge of and willingness to support NWC EEO policies and goals. Ability to interface effectively with all levels of technical and management personnel at NWC; ability to communicate effectively verbally and in writing. Incumbent may have to serve a one year supervisory probationary period. Position is at full performance level. Previous applicants need not reapply.

No. 39-015, Engineering/Electronics Technician, DT-802/856-2/3, Code 3921 - This position is located in the Weapons Control Branch, Concept Development Division, Intercept Weapons Department. The incumbent will be the system manager for a network of SUN workstations, being used for mechanical and electronic design and analysis, as well as a Computervision CADD54X system. The incumbent will develop and maintain network backup procedures for the systems involved and be responsible for software loading and version control. The incumbent will also be the network coordinator and troubleshooter for interfacing Macintosh PC and the Code 39 Vax systems and applications. The incumbent will take direction from the CAE Section head and the branch head. **Job relevant criteria:** Knowledge of and experience in SUN OS (UNIX); knowledge of and experience in some or all the following computer systems: VAX VMS, DOS, Macintosh, Computervision CADD54X; ability to communicate orally and in writing; knowledge of design and documentation practices and requirements is desirable. Promotion potential to DP-3.

No. 61-010, Supervisory Interdisciplinary (General/Mechanical/Electrical/Electronics/Aerospace Engineer), DP-801/830/850/855/861-3/4, Code 6133 - This position is located in the Aircraft Department, Engineering Support Division, Systems Engineering Branch. The incumbent serves as Branch Head to provide professional aircraft systems engineering for all NAVWPNCEN projects requiring the utilization of either operational or target aircraft. The primary focus of the time is devoted to leading and directing the branch technical team in the accomplishment of aircraft modification tasks. The remaining time is devoted to purely administrative matters such as hiring and rating personnel, generating budget elements, assuring implementation of local policy and procedures, attending meetings, and writing nontechnical memorandums. (Continued on Page 26)

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From The Counsel...

(Editor's Note: This introduces a new monthly feature from the Office of Counsel at NWC, Code 006)

To moonlight or not to moonlight? That is the question.

Many NWC employees want to know the answer. In these times of recession, thoughts of a second job come to many of us. In addition to the economic rewards of a second job, as federal employees we must also consider whether or not the second job that we are considering will create a conflict of interest with our official duties. Even the appearance of a conflict of interest must be considered.

SECNAVINST 5370.2J is the controlling directive for the standard of conduct expected of Department of Navy (DoN) employees. Chapter IV explains what must be considered to determine whether or not an outside activity will create a conflict of interest. This includes not only those activities for which you expect a paycheck, but also for activities such as an appointment as a board member for which you provide your services free-of-charge.

As a general rule, you are permitted to engage in employment or other activities outside the department. You may not, however, accept compensation for the performance of your official duties from any source other than the United States, or use inside information, or use government

resources for other than official purposes. If you have access to classified information, you must be particularly cautious about engaging in any activity that might jeopardize the security of such information.

For those who might be considering starting your own business or entering into a partnership, you should know that the Government is prohibited from entering into contracts with its employees unless there is a "most compelling" reason to do so. This policy is intended to avoid any conflict of interest that might arise between the employees' interest and their Government duties and to avoid the appearance of favoritism or preferential treatment by the Government toward its employees.

If you are acting as a "procurement official" during the conduct of a procurement, you may not inquire about the possibility of future employment with any of the contractors competing for the award. If a representative of a competing contractor should offer to discuss future employment with you, you must report this violation to the contracting officer.

Since each employee's circumstances will be different, each situation must be considered on a case-by-case basis. NAVWP-NCENINST 5370.1E outlines the procedures to be followed. If the entity is a Department of Defense (DoD) contractor, you must notify your immediate supervisor and

obtain approval prior to beginning your association. If the entity is not a DoD contractor, you must notify your immediate supervisor within 10 days after beginning your association.

Once you are engaged in an outside activity, you must remember that you cannot take any official action that involves the organization or company. If such a matter comes before you, you must disqualify yourself and refer the matter to your immediate supervisor for action.

The affiliations and financial interests of your spouse, minor child and any member of your household are considered as though they are yours. You do not need to report or obtain approval for their activities, but you must still avoid official action that involves organizations or companies with whom they are affiliated.

By being in public service, you have a responsibility to promote the public's trust in its federal workforce. Abiding by the standards of conduct rules ensures that such trust is maintained and you need not personally worry about the propriety of your actions. In short, an ounce of caution prevents months of turmoil.

From Code 006

Jetfighter™ II Advanced Tactical Fighter

in stock!

It's for real...we've tried it & it's wonderful...

The long awaited sequel to "the best flight simulation on a desktop computer, period" is Jetfighter II: ATF. The story line is intriguing & compelling and it starts at home... "The high desert of China Lake was home to the Naval Weapons Center. The locals in Ridgecrest joked about the 109° weather..." and it has it all:

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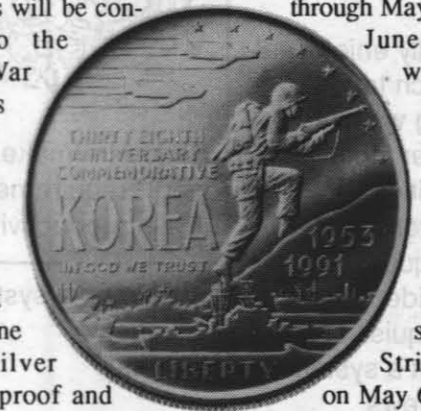
Computer Store

251 Balsam St. 375-5744 *quality, service, price*

U.S. mints new collectors coin

Silver dollar commemorates end of Korean War

Washington, D.C. -- U.S. Treasurer Catalina Vasquez Vilalpando has announced the sale of the 1991 Korean War Memorial Coin, a limited-edition silver dollar. A portion of the proceeds will be contributed to the Korean War Veterans memorial to be built in Washington, D.C.



Not more than one million silver dollars, in proof and uncirculated versions, will be issued -- the lowest authorized mintage of a modern U.S. commemorative silver dollar. In accordance with Congressional authorization, the legal tender silver dollar will commemorate the 38th anniversary of the conclusion of the Korean War and the 1.5 million Americans who

served from 1950 to 1953.

The coins will be available to the public at special pre-issue discount prices of \$28 for the proof coin and \$23 for the uncirculated coin from now through May 31. Beginning June 1, the coins will be offered at full price, \$31 and \$26, respectively.

The first coins were struck at a First Strike Ceremony on May 6 at the United States Mint in Philadelphia. Proof versions of this coin will be minted in Philadelphia; the uncirculated coins will be struck at the United States Mint in Denver. To order, call 1-800-652-3838 or write to Customer Service Center, U. S. Mint, 10001 Aerospace Drive, Lanham, Maryland 20706.

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2600 & China Lake, Ridgecrest, CA (619)375-1080

Are you tired of contracting hassles?

Sick of infinite "do loops" and people who can only say "no?"

Would you like to complete a procurement package in a reasonable time and the first time through?

Do you really enjoy dealing with "tech toads", "contracting weenies", "management turkeys" and "silly illities?"**

If you answered any of the above questions YES: Consider attending a briefing on a system to improve acquisitions at China Lake.

Learn about a system that features:

- Fewer reviews
- A logical sequence of procurement events
- A team with authority to approve their own acquisition package
- Teams made up of contracts, management, technical and technical support experts

Initial orientations will be given:

May 22 from 9 to 11:30 a.m. in the NWC Conference Center's Sierra Room. An overflow session is planned in June.

To reserve a seat, call Roger Peck at NWC ext. 2686. Note: This is the same orientation advertised

in the NWC Announcements (Blue Sheet) and a Code 03 memorandum.

REMEMBER: Time saved in efficient procurements can be used productively, not wasted!

**Attributed to a recently extinct group of individuals who failed human relations training, rarely associated with lesser mortals and kicked their dogs.



Feel like you need to hire a private eye to track the status of your procurement?



Buried in "make work" requirements... not in productivity?

DoD IG minds the store for military procurement

AFIS-Washington D.C.--Nobody was minding the DoD procurement store until the department created the Defense Criminal Investigative Service in 1981 and merged it a year later into the new DoD Office of the Inspector General.

Nobody touched defense industry "big boys" in the old days, said Susan J. Crawford, DoD's IG since November 1989. Between World War II and the creation of the investigative service, there was one defense-related conviction of a top-100 defense contractor.

"In less than 10 years, we've had 35 corporate fraud convictions involving 27 of the top 100 defense industry contractors. I don't mean to imply that something is rotten in the whole defense industry," she said. "The majority of defense industry people are dedicated to good government and good business practices. It's the activities of a few that constitute wrong-doing. It's the few we're after."

"Unfortunately, publicizing criminal cases -- prosecutions, convictions, indictments and monetary recoupment -- is a two-edged sword," said Crawford. "It tends to lead the public to believe the defense industry is rotten to the core, which certainly isn't the case."

From the IG's establishment in October 1982 to September 1990, DoD logged 3,526 indictments with 3,332 convictions as results of criminal investigations. There were also 2,967 contractor suspensions and 3,786 debarments. During the same period, some 146,940 audits were conducted resulting in a savings of some \$36.5 billion in taxpayers' dollars.

Crawford said the number of convictions and recoveries are not soaring because of increasing crime, but improved government detection.

"Many cases are joint cases," Crawford explained. "U.S. attorneys are also more willing to prosecute these cases than they were 10 years ago. We hoped by publicizing criminal cases we would see the trend go down, that people would get smarter about how they're doing business and recognize that we're able to detect criminal activities. But unfortunately, we're still on the ramp up."

The Defense Criminal Investigative Service was the first federal law enforcement agency to be dedicated almost exclusively to procurement fraud.

Now, more than 350 highly trained DoD IG criminal investigators canvass the defense world seeking misusers of government property and white-collar rip-off artists. Investigators now have full law enforcement authority. They carry weapons, make arrests and execute search warrants.

Kickback and bribery cases are plentiful, but the IG's top priority is product substitution. "It's not so much the money we recover, but because of implications for national security and the safety of military men and women," Crawford emphasized. "We're concerned about everything from defective parachute cords to falsifying test certificates for spare parts. Delivering inferior materials that don't meet DoD's specifications hurts readiness and can be dangerous to the people who use these materials."

The IG's investigations call for agents with unique backgrounds. "We're talking about people who have IRS-type experience," said Crawford. "Investigations, we're talking about white-collar criminals."

"The Air Force and Navy also do foreign counterintelligence investigations."

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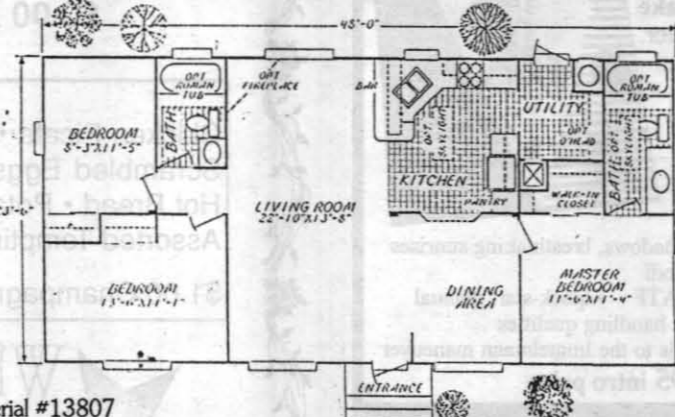
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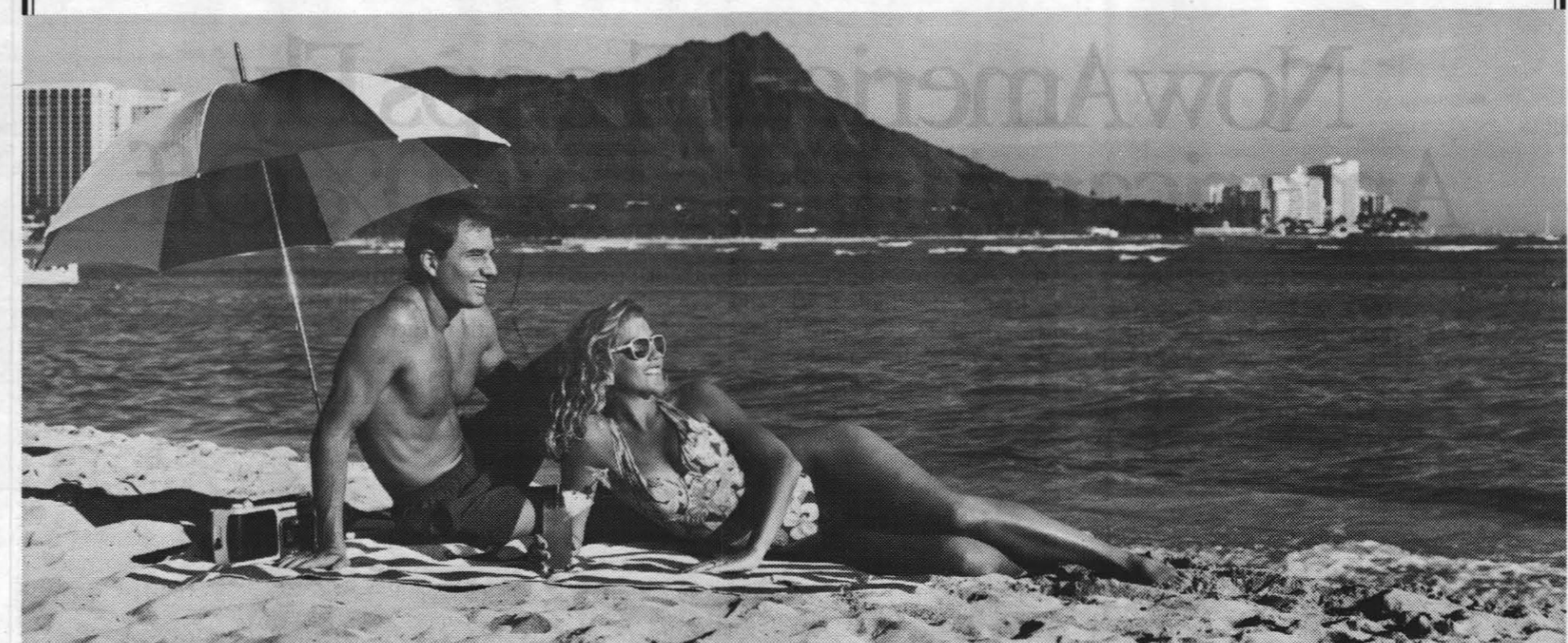
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Hawaiian Airlines 1-800-367-5320	Hawaiian Waikiki Beach Hotel 1-800-877-7666	Park Plaza Waikiki 1-800-367-6070	Royal Hawaiian Cruises 1-800-852-4183
United Airlines 1-800-241-6522	Hilton Hawaiian Village 1-800-HILTONS	Waikiki Joy Hotel 1-800-733-5569	Sea Life Park 1-800-767-8046
	Hyatt Regency Waikiki 1-800-233-1234	Waikiki Parc Hotel 1-800-422-0450	Waimea Falls Park 1-800-767-8046
	Ilikai Hotel 1-800-367-8434	Waikiki Parkside Hotel 1-800-237-9666	
	ITT Sheraton Hawaii 1-800-325-3535		TRANSPORTATION & TOURS
	Kahala Hilton 1-800-367-2525		Budget Rent-A-Car Hawaii 1-800-922-3600
	Ala Moana Hotel 1-800-446-8990		Dollar Rent A Car 1-800-367-7006
	Aston Hotels & Resorts 1-800-922-7866		Pleasant Hawaiian Holidays 1-800-2-HAWAII
	Colony Hotels & Resorts 1-800-448-0302		Special offers expire December 19, 1991. Military I.D. required. Some restrictions apply.
	Hawaii Prince Hotel Waikiki 1-800-321-OAHU		
		ATTRACTIONS & ACTIVITIES	
		Al Harrington Show 1-800-367-2345	
		Aloha Showroom 1-808-971-7500	
		Dole Cannery Square 1-808-548-6600	
		Ko Olina Golf Course 1-800-626-4447	

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To Ensure Delivery for Mother's Day
Come in and check out our Spring Bouquets guaranteed to make Mom smile

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*To guarantee out of town delivery, orders should be placed before 12:00 noon on Thursday.

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375-2831

Running has heritage

It is unlikely the Greek courier, Pheidippides, ran from Marathon to Athens in 440 BC with news of the Athenian victory over the Persians and the dying words "Rejoice, we conquer." Be that as it may, few will dispute that the long, broken road from Olympia, and the first Olympics of 390 AD, to the lunch-time jog enjoyed by many today, has left the act of running as part of our American heritage.

In fact, if you look into the history of running, from the first Olympics to the early English "rural sports meeting," and on to the famous Zulu "death runs" you will find that running was regarded as an activity that anyone could do -- regardless of race, color, creed, sex or ethnic origin.

As part of the American Heritage Week celebration (June 3-7), China Lakers have the opportunity to reaffirm our heritage -- and run/walk. The American Heritage Week third annual 5K Run/Walk will be held here on June 3 at 11:30 a.m., beginning and ending in the Officers' Club southside parking lot.

Participants and spectators are asked to park their vehicles in the old Bank of America Building parking lot, also known as the old "Lemon Lot". Both O'Club parking lots will be utilized for another event this year.

The course itself winds through NWC housing, is hard-surfaced (to accommodate wheelchairs or strollers) and relatively shady.

The pre-registration fee (paid before May 16) is \$8 and includes a t-shirt or tank top and refreshments. Late registration fee is also \$8, but only includes refreshments. Awards will be given to the top three men and top three women finishers, in both the running and walking categories, and a special drawing for prizes will be held at the end of the run/walk.

An easy-to-use entry form is printed below. For more information, contact Sherri Baker at NWC ext. 2736.

The run/walk is sponsored by the American Heritage Week committee, whose theme this year is *A Blending Tapestry of Cultures*. In keeping with the theme, everyone is invited to come out on June 3 -- to help blend a tapestry of cultures. See you there!

By CWO2 Chuck Hargis, USMC

American Heritage Week 5K Run/Walk

Name _____ Home Number _____ Age _____

Address _____ Work Number _____ Sex _____

City _____ State _____ Zip _____ NWC Code _____

Category (check one) Runner Walker

Style (circle one): T-Shirt Tank Top Size (circle one): SM MED LG XLG

In consideration of my entry, I, intending to be legally bound, do hereby, for myself, my heirs, executors and administrators, waive, release and forever discharge any and all rights, claims and causes of action which I may hereafter accrue against the United States Government, the Department of the Navy, the Naval Weapons Center, all sponsors of the event and their respective officers, agents, representatives, successors and/or assigns, for any and all injuries or damages suffered by me as the result of participation in this event. I certify that I am physically fit to participate in this event and that I am knowledgeable of the risks involved in this type of event.

Participant's Signature _____ Parent or Guardian if Under 18 _____

Date _____

VX-5 celebrates 40th birthday

In celebration of Air Test & Evaluation Squadron FIVE's (VX-5) 40th birthday, a 7.6 mile bicycle ride and a 5/10K fun run will be held on June 1, starting at 8 a.m., at the junction of McIntire and N. Dibbs. All participants will receive a 40th birthday celebration t-shirt. To pre-register, simply mail or bring a completed registration form and entry fee to MWR VX-5, Naval Weapons Center, China Lake, CA 93555. To receive your t-shirt on race day, registration should be received by May 15. Entry fee is \$10 for those registering by May 15 and \$12 for those registering after May 15. Extra t-shirts will be available for \$8 each. All proceeds will go to help support VX-5 MWR and the 40th birthday celebration.

For more information, or to get a registration form, call VX-5 at NWC ext. 5061/5062.

Children learn good sportsmanship

(Continued from Page 21)

Whitecaps 5, Diplomats 1

Three goals by Leland Ratcliff and two by Ely Roberts created the Whitecaps to victory. Pleds by Geral Freund, Jordan Bell and Sarah Kirkendoll kept the Diplomats to only one goal. The Diplomats didn't turn in a score sheet.

Division III

Manchester 4, Appollos 0

In spite of the loss, Kevin Collin, Curtis Allen and Erik Johnson were credited with playing the game well, both offensively and defensively. Josh Roberts kicked in three of the winning goals, while Erik Rosenlof booted in the fourth.

Hurricanes 5, Sounders 0

The Sounders were shut out in spite of efforts by Cori de Williams, Matthew Blashill and Caleb Bezanson. The Hurricanes didn't turn in a score sheet.

Division IV

Red Devils 5, Jets 1

Two goals each by Earl Shiflet and Kevin Nowicki and one

Wrong batting average given

Ooops! We goofed. In the NWC Varsity Softball Team story which ran in last week's issue of the *Rocketeer*, we miscounted the number of hits made by AE3 Terry Boren. Instead of four hits at nine times at bat, Boren smashed seven hits for his nine times at bat, earning a .777 batting average for the tournament. We apologize for any inconvenience or ribbing this error may have caused.

by Dan Hartley gave the Red Devils a commanding lead. Chris Makis was credited with an assist and Lisa O'Neil was had with excellent plays in the win. Two successful shots at goal by Bobby Tomlingson and hard work by Amber Shedlock and Karla Villegas weren't enough in this game.

Goalbusters 4, Soccers 1

The Goalbusters lived up to their name with goals by Daniel Caffery, Ben Coleman and

Eugene An. The Soccers saw good play by Andrew DuBois, Brett Thomsen and Anastasia Wunderlich. Chris Peters kicked in the only Soccers' point.

Division VI

A 2, B 1

The A team over took the B team when Jerry Green and Arron Schwartz each knocked in a goal for the win. B team didn't turn in a score sheet.



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High Desert Xeriscape 91

May 18, 1991
Kerr-McGee Center
100 West California Ave.
Ridgecrest, CA

This second annual homeowner's workshop, free to the public, offer's concurrent speaker sessions, informative demonstrations, video presentations and the Xeriscape and Garden Product Exhibition with over 50 commercial exhibitors. Presentations will focus on both new landscaping and retrofitting existing landscapes.

Time 8:00 A.M. To 5:00 P.M.



For More Information call (619) 375-5086 or (619) 371-3721



The Key to Continuous Improvement

In the first month of IDEAS, 31 NWC employees submitted 38 IDEAS. Three have already been implemented, two are considered resolved and one Idea was returned to the originator.

In keeping with the charter of the IDEAS program, if we can't assist in getting a process changed; in fact, if we would be a hinderance or just another layer of paperwork, we inform the originator of options and return his submitted idea.

From now on, each week the

IDEAS office will have a section in the *Rocketeer* letting everyone know about the IDEAS being submitted.

If you want further information regarding any of them, just call us at NWC ext. 2311. We're here to help you! (IDEA numbers, IDEA title, the originator and NWC disposition (if any) are listed below.)

001, Substitute Employee Plan, Sharon McCormick; 002, Change of Sick Leave Policy, Peggy Shoaf; 003, High Rate

of Descent Parachute, George Stefan; 004, Ballfield Lights, Lt.jg. Brian Abel; 005, Parking Lot No. 3, Lt.jg. Brian Abel; 006, Center Library, Lt.jg. Brian Abel; 007, Paperless Document Review, William Ross, Resolved; 008, Storage and Access of Directives, William Ross, Implemented; 009, Access Safety: Areas N, C, A or S, Marcia Amundson; 010, Travel Order Information, Kelly Meeks; 011, Reject Electronic Components for Training, Joe Gima; 012, Use of

Polymers for NWC Landscaping, Joe Gima; 013, Elimination of Leave Slips, John France; 014, Truck Repair Receipt, Patty Caraker; 015, Daily Mileage on Utilization Report, Patty Caraker, Implemented; 016, Test Set Designator on SID #, Patty Caraker; 017, Consolidate Base News Pubs, Megaera Halter; 018, Richmond Road Gate Access to Recycling Center, L. "Tree" Crabtree, Returned to Originator; and 019, Plant Property Accountability, Romeo Riojas, Implemented.

Also, 020, Federal Express Deliveries, Fran Rogers, Resolved; 021, Government Truck Parking, Mark Lambert; 022, Traffic Flow Improvement, Steve Johnson; 023, Government Vehicle Parking, Ronald Marsh; 024, Eliminate Athletic Card Fee, Kent Farmer; 025, Save Paper When Printing, Ann Yates; 026, Computer Recycling, Allen Robins; 027, Center Award for


TQL, Steven Fowler; 028, Bankcard Purchase Log Dist., Richard F. Barr, Jr.; 029, Timecard/Timekeeper Procedure, Linda C. Ware; 030, NWC Help Desk System, Cynthia E. Wilson; 031, Upgrade Existing Bike Lanes, RM1 Charles Abbott; 032, Simplification of FAX Cover Sheets, Sue Bristow; 033, Base Wide Font for Official Correspondence, Richard F. Barr, Jr.; 034, Light Switch Visibility, Melanie Truesdale; 035, Packing Material, Steve Walker; 036, Paper Saving Printers, Vicki Nissley; 037, Computer Peripheral/Accessory Recycling, David Fors; and 038, Travel Credit Cards, David Eiband.

NWC HOTLINE
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or call the Inspector General at
(800) 522-3451 (toll free)
288-6743 (Autovon)
(202) 443-6743 (commercial)

IEEE luncheon set May 15


Clark M. Hay, section head of the Naval Weapons Center's Post Deployment Software Support Section of the Weapons Systems Software Engineering Branch, will give an update on the Institute of Electrical and Electronics Engineers, Inc. (IEEE) professional activities during IEEE's luncheon meeting beginning 11:30 a.m. on Wednesday, May 15, at the Seafarer Club.

Hay, current PACE chairman for the China Lake Section of IEEE, will touch briefly on some of the more interesting of these areas and give an overview of the IEEE organization, showing how to get information in these areas.



JEWELRY JOTTINGS

by
Alex Topar
&
Mary Frost
Graduate Gemologists



Besides its lustrous beauty, gold has the advantage of easy workability, making it ideal for jewelry. In addition, gold does not rust, tarnish or corrode. It lasts virtually forever. (It makes a great gift for Mother, too!).

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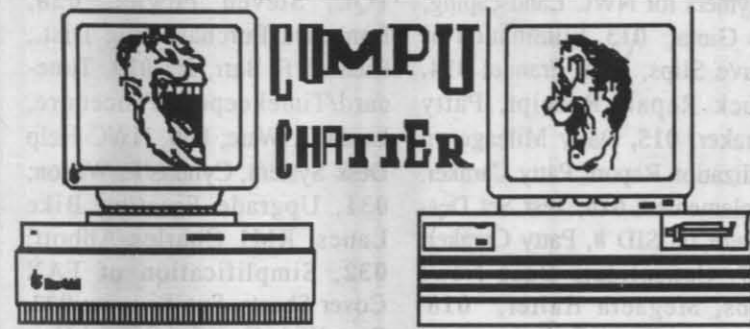
STEPS TO SUCCESS

<p>Community Education Series Nancy Swallow CADC on Interpersonal Communication Skills: Feedback, Use of I Messages, Self Improvement - Learn how to be effective with others. Monday, May 13, 7:00-8:00 p.m.</p>	<p>Upcoming Events Nancy Swallow CADC on Values Clarification: What's important to me? Am I creating what I want in my life? Monday, May 20, 7:00-8:00 p.m.</p>	<p>Thursday At The Movies May 9 - John Bradshaw, Healing the Wounded Inner Child 6:30-7:30 p.m. - FREE!</p>
--	--	--

Also Available, Group and Individual Counseling
For Information or Reservations Call Shelley at:

446-1050





Sponsored By: PC Lab, Code 2741 NWC ext. 6631
 The New Macs and Excel
 The MC68882 floating-point math coprocessor does not come installed in the new Mac Classic, Mac IIxc, or Mac IIsi, but you don't necessarily need it to run Macintosh programs such as Excel. When Excel is opened, it automatically searches for the math coprocessor, if it is not found, an error message displays saying the wrong processor is being used, or something to that effect. To force Excel to use the built-in 68030 microprocessor, hold down the Command, Option, and Shift keys immediately after double clicking the application or an Excel document.

Attention: SUN Users
 Technical Applications Briefing on May 16 in Room 1000D of Michelson Laboratory.
 8:30 a.m.--Technical Applications Overview
 9 a.m.--Electrical Design
 9:30 a.m.--Mechanical Design

Demonstrations will be performed from 8 a.m. to 4 p.m. at the Seafarer Club. Expected applications include:
 Dazix (Electrical Design)
 Oracle (Database)
 Mentor (Electrical Design)
 Interleaf (Electronic Publishing)
 Parametric's (Pro/Engineer, Mechanical)
 SDRC's IDEAS (Mechanical Design)
 Vertix (Software Development)
 AutoCad (Mechanical Design)
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Custom Built Filemaker Databases
 Need a functional, easy to use, and good looking database? I'll design one for you in Filemaker II or Pro. Call Donna, NWC ext. 6631.
PC Lab Keeps Its Old Name
 Yes, well DISC didn't really stick anyway. We are open to suggestions for improving our service and would appreciate your input (on DISC to the PC Lab). **By Donna Hanson**

Shoemobile on May 22
 Employee Services Board announced the Shoemobile will be on Center Wednesday, May 22, from 7:30 to 9 a.m. It will be in the parking lot of Building 01474 (Maintenance Utilities Division, Public Works Compound).
 Civilians and military personnel may purchase safety shoes, gloves and related items from the ESB-sponsored mobile unit.

IF YOU'RE FREE MAY 18 & 19, SO ARE WE.

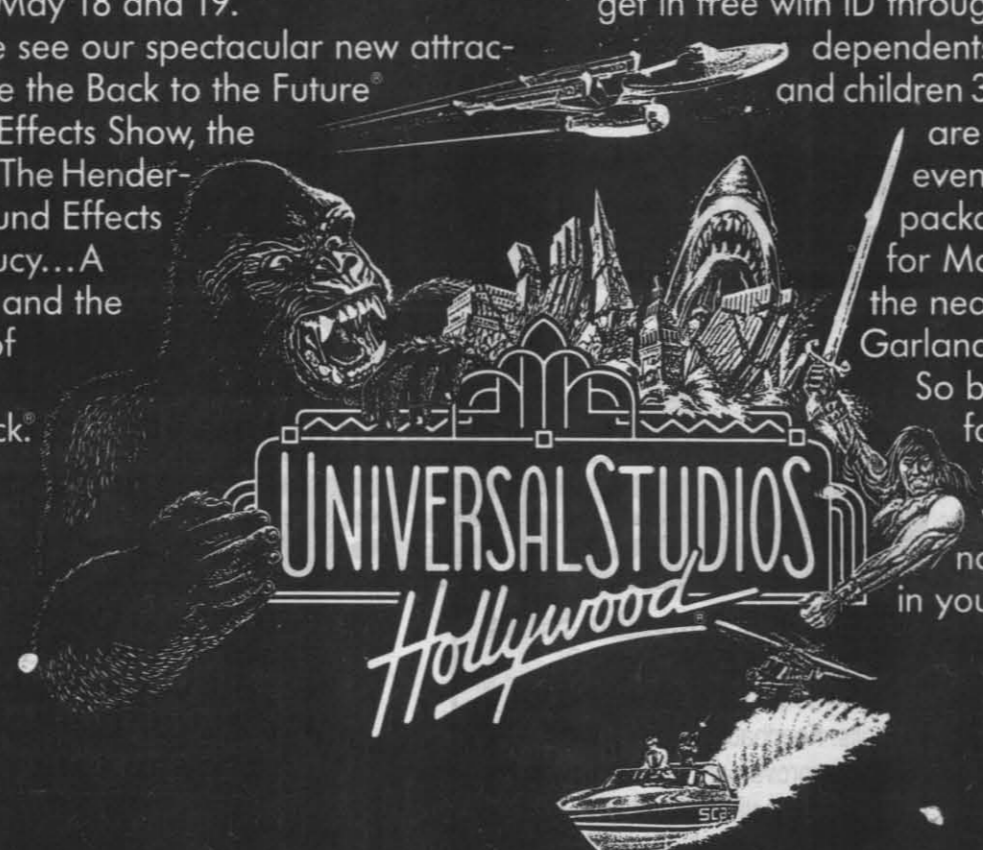
Universal Studios Hollywood is saluting our troops by giving active military personnel free admission to our special celebration on May 18 and 19.

Come see our spectacular new attractions, like the Back to the Future Special Effects Show, the Harry & The Hendersons Sound Effects Show, Lucy...A Tribute, and the Magic of Alfred Hitchcock. Then thrill to King Kong,

Earthquake -The Big One, The Riot Act, The American Tail Show and more.

And not only do active military personnel get in free with ID through November 11, dependents are only \$16, and children 3-11 and seniors are \$12. There are even special hotel packages available for May 18 and 19 at the nearby Beverly Garland Hotel.

So bring the entire family to Universal Studios Hollywood. Because no one believes in you like we do.



No One Makes Believe Like We Do.

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Sports

Thirty-six teams participate in local golf tournament

In the China Lake Women's Golf Club Invitational, which was played last Wednesday on the China Lake Golf Course, the China Lake team of Doris Lalor and Sally Payne took first place in low gross over field with a gross score of 78. The local team of Janet Tiner and Eleanor Johnsen earned first for low net over field with a score of 58.

Other low gross winners in the hostess flight of the tournament were the teams of Carol Beck and Laura Craig, who earned second place with their score of 80; and Janet Pande and Jane Brooks, who took third place with their score of 81.

Low net winners in the hostess flight were the teams of Charlotte Carroll and Lillian Gribble, who racked up a second place finish a score of 61.

Low gross winners in the guest flight were Laura Lee Leona and Sandy Cortez, from North Kern and Rio Bravo, respectively, who shot a 79; and Janie Torre and Stella Martinez, both from Lancaster, who tallied a score of 80.

Thirty-six teams competed in the tournament, 21 from out of town.



QUIET, PLEASE -- A golfer participating in the China Lake Women's Golf Club Invitational last Wednesday lines up to sink her putt. Twenty-one of the 36 teams participating were from out of town. Photo by PH3 Cary Brady

Strategy plays a big part in NWC Youth Soccer League games

Strategy played a big part in last week's games for the Naval Weapons Center Youth Soccer League, as many of the scores were very close. Despite the win or loss, the main purpose of the game is for the children to have fun, learn more about the game and to find out what teamwork is all about.

Division I

Cobras 0, Aztecs 0

In an exciting match, goalie Chris Hoyer prevented the Aztecs' attempts at goal, while Ricky Conway, Jennifer Graham and Timothy Gosselin played an excellent defensive game for the Cobras. The Aztecs saw superb playing by Danelle Brown and Benjamin Delamotte.

Express 2, Stallions 0

Plays by John Grace, Noah Beaudin, Jenny Short and Brian Grace shut out the Stallions. The Express goals were scored by Jared Lee and Anthony Walls. The Stallions didn't turn in a score sheet.

Owls 1, Coyotes 0

Despite excellent attempts by Jennifer Syders and Eric

Windish, the Owls slipped by for one. Sascha Stucky, Michael Rupert and Eric Vernon-Cole had good moves in the loss. The Owls didn't turn in a score sheet.

Division II

Wolves 1, Rockets 0

The Rockets were shot down when Brian Haugen managed to get one past for the win. Plays by

Joseph Shermer, Luis Castaneda and Brandon Puterbaugh kept the Wolves on top. Mathew Bloudek, Levi Steinmetz and Brett L'Hommedieu kept the game interesting as the proved to the Wolves that the Rockets were a tough team to beat.

Roughnecks 1, Earthquakes 0

This scoreless game was bro-

ken in the fourth quarter when Whitney Harris slipped past the Earthquakes' defense for a successful shot at goal. Other notable players for the Roughnecks were Ryan Syders and Douglas Duckworth. The Earthquakes had aggressive offensive plays by Angela Kolb and Jacob Ireland. (Continued on Page 22)

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Mother's Day is this Sunday. Show your mother how much you care and take her to Mother's Day Brunch at the Seafarer Club. Brunch will be served from 10 a.m. to 1 p.m. Cost is \$7.95 per person.

For further information, call NWC ext. 2581.

Comedy nite + you = laughs

Get away from the kids! Take some time out for yourself and attend the Seafarer Club's Comedy Nite on May 17. Enjoy a Mexican buffet and some hearty laughs. If you like margaritas then you are in for a treat; throughout the evening, the club will be having a special on margaritas.

Cost for the buffet, which begins at 6 p.m., is \$7; while the show, which begins at 8 p.m., is \$6 per ticket.

Tickets are now available at the Seafarer Club. For more information, call the club at NWC ext. 2581.

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Education: NWC graduate program's a family affair among the four Crabtrees



A FAMILY AFFAIR -- Utilizing three of NWC's on-Center academic programs, members of the Crabtree family are working toward their master's degrees in an effort to further their education and their careers. Family members are (standing) Brad, Tree, (seated) Michele and Marci.

Education for the Crabtrees is a family affair as four members try for their master's degrees. Tree, Marci, Brad and Michele Crabtree are currently taking advantage of the Naval Weapons Center's educational benefits by utilizing three on-Center academic programs to further their education and their careers.

Recently chosen as NWC's first Recycling Program manager, Tree is working on his master's degree in systems engineering through the California State University, Northridge's on-Center program. He received his bachelor's degree in industrial engineering in 1968 from the University of Michigan. Since that time, he has taken numerous college classes. "I have enough credits for a number of master's degrees," he said chuckling.

Tree's wife, Marci, an administrative officer in

the Financial Information Systems Division, is going after her master's degree in administration through California State University, Bakersfield's external degree program. She received her bachelor's degree in business administration from St. Ambrose College, Davenport, Iowa. "Twenty years and a couple of kids later, I'm finally going after my master's," she said.

Their son, Brad, is a junior professional with the Missile Software Branch, Concept Development Division. He graduated with a bachelor's degree in computer engineering from Cal-State, Long Beach last May and has started classes towards his master's in computer science through California State University, Chico.

Michelle, Brad's wife and a junior professional, (Continued on Page 17)

Contest set for posters

Ideas are needed for this year's security poster. Each year, the Naval Weapons Center holds a Security Awareness Poster Contest from which that year's security awareness poster is chosen.

Original ideas and/or artwork should be submitted to the Security Education and Assistance Office (Code 24301) by June 28. The grand prize winner will receive a \$200 cash award.

This contest is open to Naval Weapons Center employees only.

For more information, call the Security Education and Assistance Office at NWC ext. 2661.

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Ideas generated by MIPI

(Continued from Page 5)

two MIPIs for consideration. Her first initiative surfaced another inconsistency of the Federal Acquisition Regs (FAR) which requires a Justification and Approval (J&A) for a contracting officer's decision to add a minimal dollar value procurement to an existing contract, but does not require the same documentation for small purchase procurements in the same dollar range. Code 25 agreed it was a problem and is requesting the Defense Acquisition Regulatory Council to consider making changes to the FAR.

Scham-Stevens also noted that for each service contract done at NWC, the Center is required to submit a form requesting the U.S. Department of Labor, Kern County Region Wage Rate Determination. This report takes a minimum of 60 days to be received and sometimes, orders are short term and completed before it's received. Scham-Stevens discovered that the wage determination is usually updated only once a year. Therefore, she suggested that we request the Department of Labor to issue the wage determination once a year or whenever updated to NWC, without having to submit a request form for each contract. This suggestion is currently being reviewed by the Procurement Technology Office.

Clare "Dan" Kline from the Engineering Department recommended having the Materials Branch computerize their documentation reviews. This MIPI has been adopted and is in the pro-

cess of being implemented. The implementation eliminates the need for a clerk-typist to input the data and allows for a more timely response to documentation reviews.

Roy Parris, Safety & Security Department; Donald Herigstad, Ordnance Systems Department; and Ralph Halcomb, Range Department, would like to see the Center expand the availability of NWC service pins. Currently, the Center has 5, 10, 20, 30 and 40 year pins. Upon backing by the MIP Advisory Committee, Code 22 will reinstate the 15, 25 and 35 year pins.

Richard Shaffer's MIPI resulted in the re-evaluation of procedures in the use of documentation transmittal cover sheet. The current form will be modified in the subject area to allow for a longer list, eliminating the need for two sheets of paper and thus requiring only one transmittal sheet be used for five or less unclassified documents. Shaffer works in the Engineering Department.

Shirley Reinhardt from the Aircraft Weapons Integration Department proposed that signs be put up at the Sandquist gate to remind motorists to turn off their lights before they get to the gate and to turn them on after going through the gate. Code 26 has agreed that the signs are needed and will take action on the MIPI.

Teresa McGowan from the Engineering Department noticed employees were not notified when a leave donation was made to their account. She suggested that the process be changed. Code

221 agreed and has adopted the MIPI.

June Fletcher and Deanne Kirschenman from the Office of Comptroller proposed new voucher symbols be added to the NWC travel voucher to accommodate the impact of alternate work schedules on the travel process. Code 28 has agreed and plans to add the new symbols the next time the travel forms are printed.

Shari Keyes from the Ordnance Systems Department proposed the Center borrow the Adopt-A-Zone Program CalTrans uses on area roads for Center clean up. Cdr. Williams from the Public Works Department agreed and volunteered to have PW take action to implement the concept on-Center.

Pamela Harris recommended, and Code 24 supports, the continued use of the labeling systems currently used for hazardous materials instead of changing to a form which does not comply with hazard communication labeling regulations. A request for a waiver of the DoD instructions has been sent. Harris is a member of the Safety and Security Department.

Capt. Cook thanked the MIPers for their ideas. "Just because the MIPI Program is going away, doesn't negate the need for good ideas," he said. "We must work as a team to become more efficient and increase our productivity." He urged everyone to continue to improve their work environment and use the new IDEAS Program.

Recycle scrap wood to firewood

On Friday and Saturday, May 17 and 18, the Recycling Program Office, Code 00814, is planning a major sale of recycled wood. This wood can be used for small construction or fire wood. The sale will be from 8 a.m. to 4 p.m. on Friday and from 8 a.m. to 12 noon on Saturday at the recycling facility off of Iwo Jima Road.

To get to the sale, pass through the Lauritsen Gate to the airfield, turn left on Iwo Jima and follow the signs. Buyers without an "N" access badge may go to the Visitor Center for a pass on Friday. On Saturday, someone will be at the Lauritsen Gate to issue a day pass.

Buyers will be able to select the wood of their choice. Sale is by volume only. Prices are \$5 for a car load and \$10 for a pickup truck load. Prices for special vehicles like large trailers or small cars are negotiable on the spot. There is a lot of wood available, so come early -- you may decide you want more than one load.

The sale will be administered by the Indian Wells Valley Association for Retarded Citizens (IWWARC), the Employee Services Board recycling contractor. This sale is necessary because this recycling area needs to be vacated for upcoming construction. This also supports plans to consolidate the Center's recycling program in one area.

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MWR

New MWR head wants patrons to get value for \$\$\$

by Steve Boster
Rocketeer Editor

"I want the customer to know they are getting value for the fees they pay," says Tom Blackmore, new head of the Moral Welfare and Recreation (MWR) Division. The retired Navy man and submariner also wants everyone at the Naval Weapons Center to know what MWR stands for, what its purpose is and what it offers.

In taking over leadership of a division with a real impact on most China Lakers, Blackmore says he knows, from first hand experience of 30 years on active duty, what an energetic MWR program can do for sailors, Marines and other patrons.

MWR programs can, for example, provide alternatives to sailors who don't want to go out and party on nights and weekends. "There are lots of good constructive ways for sailors to spend their time on MWR programs," added Blackmore.

With a background in personnel, management and special services programs, Blackmore brings to China Lake a strong desire to provide the finest service, best programs and best values for the MWR patron.

He also brings a willingness to try new approaches, new programs and ideas. In keeping with the Navy's Total Quality Leadership (TQL) efforts, Blackmore urges patrons to get involved; to

tell him what they want to see from MWR. "If it can be done legally I'm willing to give it a try," he said of new programs.

There is a condition on his willingness to try something new, he cannot go into programs that consistently lose money. MWR is required by law to be self supporting in most programs.

Among the ideas he is already entertaining are a new program for young sailors, a teen club, dif-

ferent hours for the clubs and more. "I do have an open door and if anyone wants to come see me and tell me we've done something wrong, or they have an idea for something, I'll be glad to listen," added Blackmore.

Another of Blackmore's priority goals is to get the clubs at NWC in the black and provide the good service/value patrons want. To accomplish this, he added, it may be necessary to do

more consolidation of club efforts.

Continued upgrading of facilities is another goal of Blackmore's.

Because funding is limited, Blackmore is encouraging interested groups to take part in self-help programs to improve these facilities. He cited quality work being done at the China Lake Golf Course by the golf club's directors and members to improve the snackbar and the course. Additionally he was impressed with the self-help volunteers who made Child Care facilities a better place for children and MWR employees.

The new division head sees this job as a natural extension of his active duty career. He accepted the job because he feels MWR is important. "A quality MWR program is largely dependent on the support and commitment from the commander. I know of no installation commander more committed to MWR than Capt. Cook," added Blackmore.

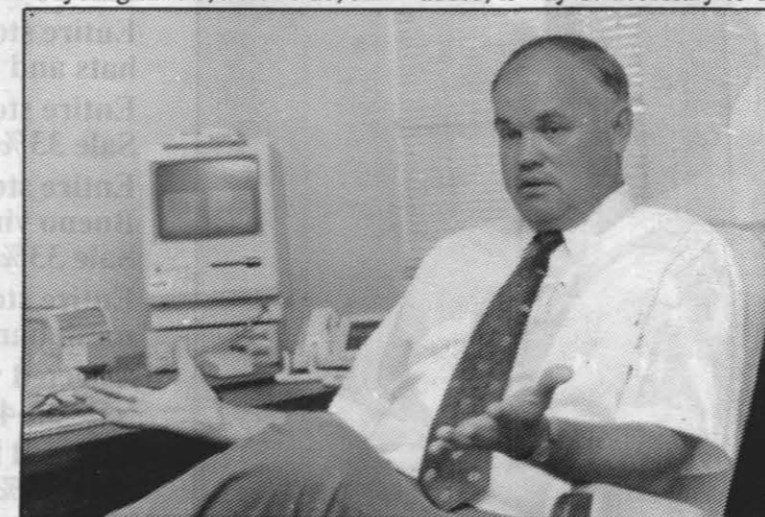
"I'm in a critical position to help the MWR programs at China Lake and help guide the managers of those programs to achieve their goals," he added.

So far, the retired officer has been very impressed. He noted the people in the community, both on and off-center, have been nice and very helpful.

"This is the most unique base and environment I've seen; the military and civilian team effort seems to be working and playing in very good harmony. I'm glad to have the civilian support of MWR programs and facilities; we need that support," commented Blackmore.

Blackmore's wife, Sarah, and son, Matthew, are enjoying their relocation to the high desert area. An avid golfer, fisherman and camper, he looks forward to getting to know the area better.

Looking down the road Blackmore said, "I'm going to establish some long-term goals and I plan to be around to see them become reality."



TOM BLACKMORE -- MWR's new leader

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Dick Kistler wins Navy Meritorious Civilian Service Award

(Continued from Page 1)

associate for resources management. In this capacity, he coordinated the department's management and budget analysis, ADP and special projects activities.

In 1975, Kistler became the Center's comptroller and head of the Office of Finance and Management.

During his years of service, Kistler has made numerous contributions to the Center and the Navy. He was responsible for establishing service centers for NWC and other Navy program activities; instrumental in developing a standard financial system among all the DNL labs, resulting in improved understanding for subsequent financial systems efforts; established a life-cycle weapons systems cost analysis capability in the Central Staff; and established a Customer Services Division to focus on cus-

tomers responsiveness in rules-dominated functions such as payroll and travel.

While serving as NWC comptroller, Kistler was very active with headquarters in the series of Commercial Activities studies on housing maintenance, supply and vehicle operations and maintenance, including negotiations to ensure a reasonable outcome for the Center.

In 1987, Kistler took charge of the Strategic Planning Office. At that time, he was a prime participant with other headquarters personnel on the organizational review of NPRDC, which led to its realignment from the DNL laboratory community to OPNAV. He authored the Center's proposal to be part of the DoD Laboratory Demonstration Program and continues to teach informal and formal courses, such as systems engineering. CSUB graduate

management classes and analytical topics for weapons planning.

Kistler is also credited with serving on the Procurement Syncreteam and as administrator, supported the establishment of the procurement credit card system. In addition, he prepared a strategic vision for the Center which has served as the basis for his current staff effort on a Center strategic plan.

Throughout his years at NWC, Kistler has been honored with

many awards, including the NWC Supervisory Equal Opportunity Award in 1977 for his positive approaches to equal employment opportunities and the Navy Superior Civilian Service Award from NAVMAT in 1983 for his work with the commercial activities studies.

Kistler is "the individual called upon to write the difficult point papers which have little precedence, very general guidance and short time deadlines. . .

you have the valued ability to evolve a professional product," read the citation.

When asked if he would like to say something after the award presentation, Kistler said, "I have been here a long time and I have had lots to say on many occasions, so I think I'll just balance it all out by not saying anything at this time." As for how his wife, Marianne, felt about the award -- "He deserves it!"

Washington Scene

U. S. Navy streamlining RDT&E functions

Washington (NNS) -- The Secretary of the Navy recently approved and announced a consolidation plan for the streamlining and restructuring of the Navy research, development, testing and evaluation (RDT&E) engineering and fleet support activities. The plan has been forwarded to the Base Closure and Realignment Commission for review.

Thirty-six of the Navy's 76 RDT&E engineering and fleet support activities (including the Naval Weapons Center) examined will be affected by the plan, which calls for activities to be consolidated

under one of four full spectrum warfare centers or the streamlined Navy Corporate Research Laboratory by the end of Fiscal Year 1995. The four warfare centers include the Naval Air Warfare Center (NAWC), Naval Surface Warfare Center (NSWC) and Naval Undersea Warfare Center (NUWC) and the Naval Command, Control and Ocean Surveillance Center (NCCOSC). The warfare centers and Corporate Research Lab (NRL) are to be established by Oct. 1, 1991, subject to final approval by the Base Closure Commission, the President and Congress.

The primary concern in the development of the plan was the need to preserve the Department of the Navy's core mission capability to perform research, development, test and evaluation as well as in-service engineering (ISE) support to Navy operating forces now and in the future.

A review process served to eliminate unwarranted duplication of effort and to concentrate all work and talent associated with one technology at one activity. The mission areas of each of the centers and the Corporate Laboratory were established and each was then assigned a unique set of

leadership areas of responsibility.

Many of the 36 facilities effected will undergo functional transfers while others will be reduced, downsized or closed. In compliance with the 1991 Defense Authorization Act, the RDT&E workforce will also be reduced by 20 percent. This will affect Navy military and civilian personnel in many ways -- both professionally and personally. A special working group under the Assistant Secretary of the Navy (Manpower and Reserve Affairs) is developing guidelines and plans for managing potential personnel relocations and reductions.

BUPERS returns through consolidation efforts

Washington (NNS) -- Secretary of the Navy H. Lawrence Garrett III has approved a consolidation of manpower, personnel and training functions under the title of the Bureau of Naval Personnel. "Old Salts" will remember the "BUPERS" acronym commonly used before a 1978 reorganization that shifted the personnel policy-makers and planners to OPNAV and the detailers, selection boards and other "implementers" of personnel programs to Naval

Military Personnel Command (NMPC). May 15, all of NMPC and most of OP-01 will combine and become BUPERS.

According to the Chief of Naval Personnel, VADM. Mike Boorda, the merger under BUPERS will not disrupt detailing, selection boards or other functions. "The consolidation should be almost invisible to sailors because, in practice, we already have erased many of the boundaries between OP-01 and NMPC," explained

Boorda. "We simply are codifying the way we do business today."

Boorda said that detailing and other direct service to Navy personnel and families will continue to receive the priority that has led to more detailer trips, advance battle group detailing, night detailing and orders issued an average of more than five and a half months before PCS moves. In fact, one of the reasons for consolidating personnel functions is to help protect these

and other priorities as the Navy becomes smaller. "This makes sense as we begin to draw down the size of the Navy because we can eliminate some duplication and do some streamlining without hurting our 'customers.'"

A mid-April BUPERS notice 5340 promulgated new office codes and a few changes to phone numbers which will become effective May 15.

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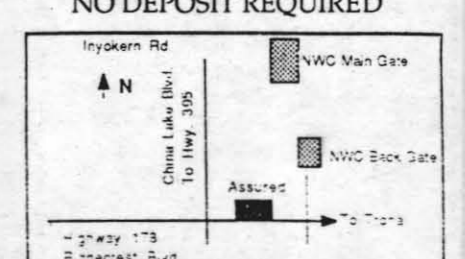
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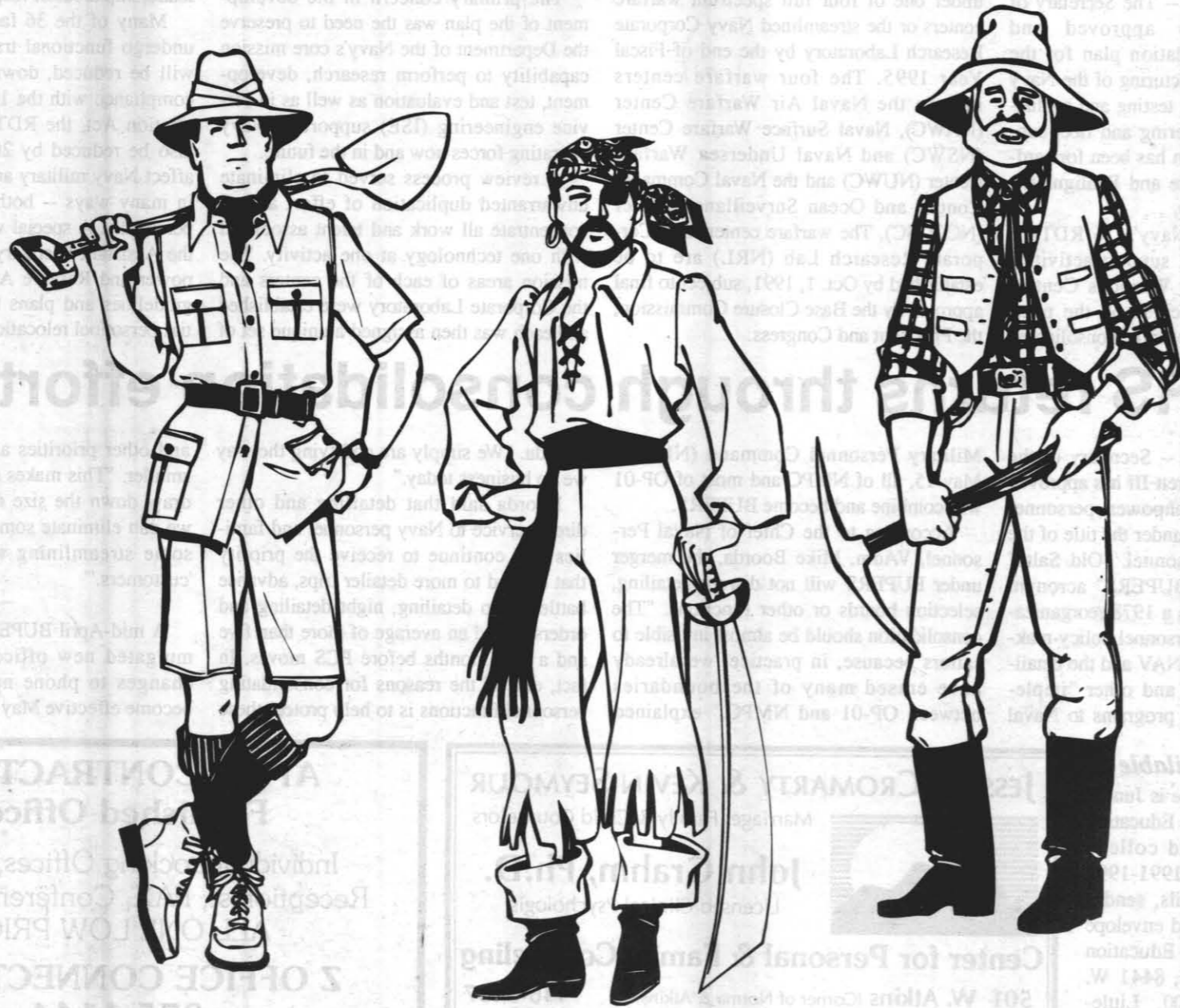
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Learning continues

(Continued from Page 13) professional, is following her mother-in-law's example and working towards her master's in administration from California State University, Bakersfield's external degree program. She received her bachelor's degree in

accounting from the University of Arizona. Currently in the Tacit Rainbow Project Office, her home code is within the Accounting Division.

Working full time, keeping house and still going to college can be a bit of a challenge. To make things easier, Tree and

Marci arrange their schedules so they are taking classes at the same time. "However," Tree noted, "I've been working and going to school for a number of years, so Marci is used to my schedule."

As newlyweds, Brad and Michelle don't feel their hectic schedule affects them very much. "We met while going to college and have had this type of sched-

ule for as long as we have known each other," Brad admitted.

However, the four acknowledge setting priorities is important in surviving. "We set priorities and take care of them first," said Marci. "Last quarter I was taking two courses and had to drop some other extra curricular activities. You can't do everything. You must decide what is important and make some sacri-

Michelle agreed prioritizing is the key in maintaining Brad's and her schedule. "Some things, like housework, don't get done on time. But because we are both going to school and working, I think we are more sympathetic and supportive of each other." For the Crabtrees, on-Center education is definitely a "family affair."

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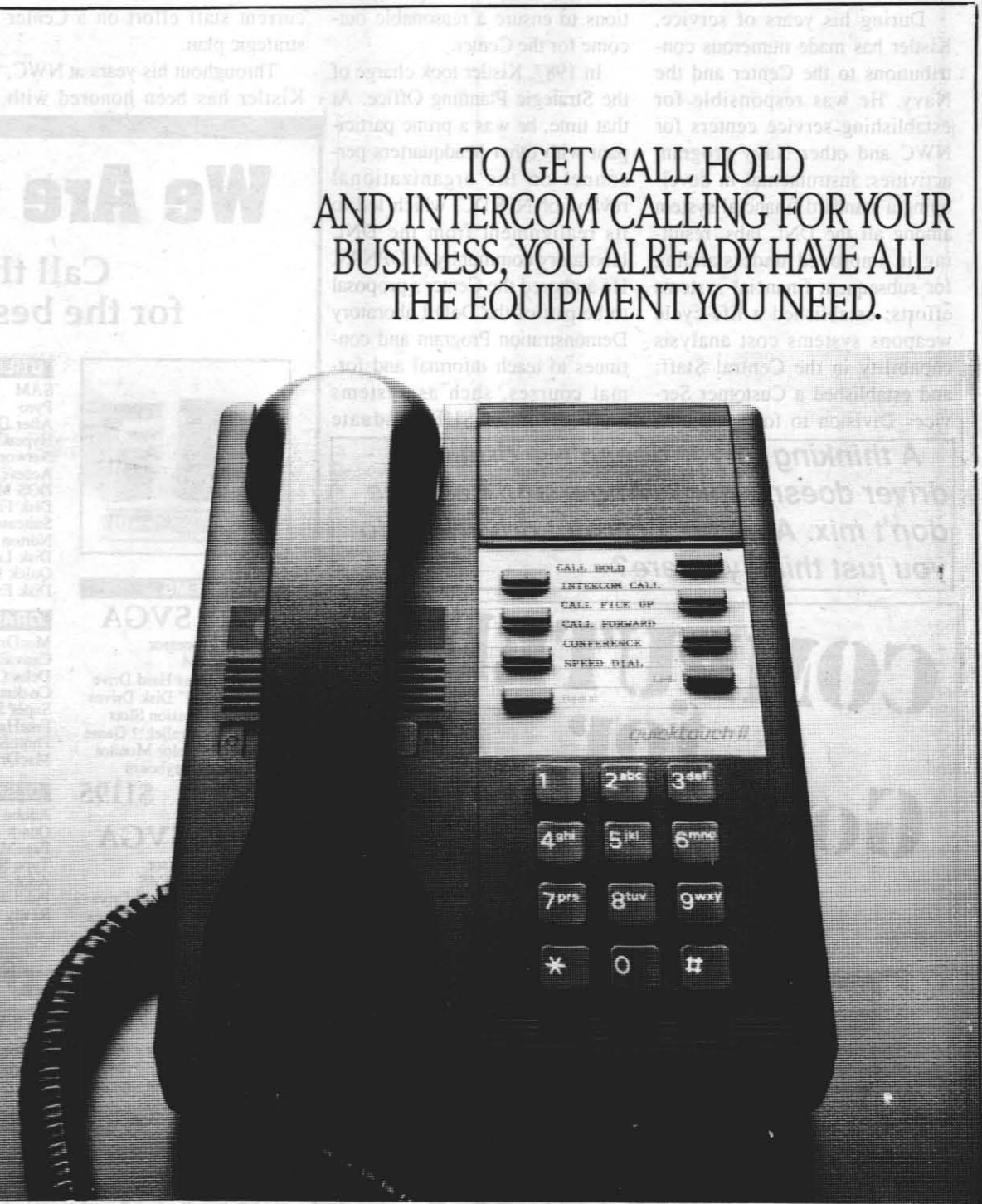
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